ADA035650-01

نیروی زمینی شاهنشاهی

مرکز تحقیقات وارزیابی رزمی

IMPERIAL IRANIAN GROUND FORCES
COMBAT RESEARCH AND EVALUATION CENTER



20061017037

ANTHROPOMETRIC SURVEY
OF THE
IMPERIAL IRANIAN ARMED FORCES

VOLUME II

Table 1

	Army		Air Force		Navy		Total	
A. Wears Glasses								
Yes	196	2.5%	29	3.7%	8	1.1%	233	2.5%
No	7,687	97.5%	761	96.3%	732	98.9%	9,180	97.5%
	7,883		790		740		9,413	
B. Vision								
Normal	7,620	96.7%	763	96.7%	729	98.5%	9,112	96.9%
Abnormal	259	3.3%	26	3.3%	11	1.5%	296	3.1%
	7,881		789		740		9,408	
C. Color Perception								
Normal	7,821	99.2%	785	99.5%	738	99.7%	9,344	99.3%
Abnormal	61	0.8%	4	0.5%	2	0.3%	67	0.7%
	7,882		789		740		9,411	

Table 2

	Army		Air Force		Navy		Total	
A. Handedness								
Right handed	7,648	97.1%	777	98.4%	701	94.7%	9,126	97.0%
Left handed	169	2.1%	5	0.6%	31	4.2%	205	2.2%
Ambidextrous	60	0.8%	8	1.0%	8	1.1%	76	0.8%
	7,877		790		740		9,407	
B. Relative Toe Length (right foot)								
First toe is longer	5,085	64.6%	518	65.5%	520	70.5%	6,123	65.1%
Second Toe is longer	1,648	20.9%	164	20.8%	125	16.9%	1,937	20.6%
First and Second Toes are equal	1,143	14.5%	108	13.7%	93	12.6%	1,344	14.3%
	7,876		790		738		9,404	

Table 3

	Army		Air Force		Navy		Total	
A. Number of Older Brothers								
0	3,744	47.5%	407	51.5%	358	48.4%	4,509	47.9%
1	2,196	27.8%	222	28.1%	195	26.4%	2,613	27.7%
2	1,158	14.7%	101	12.8%	104	14.1%	1,363	14.5%
3	474	6.0%	34	4.3%	55	7.4%	563	6.0%
4	208	2.6%	18	2.3%	18	2.4%	244	2.6%
5	69	0.9%	6	0.8%	4	0.5%	79	0.8%
6	24	0.3%	2	0.2%	4	0.5%	30	0.3%
7	7	0.1%			2	0.3%	9	0.1%
8	2						2	0.0%
9	1						1	0.0%
10	1						1	0.0%
	7,884		790		740		9,414	
B. Number of Younger Brothers								
0	2,362	30.0%	241	30.6%	219	29.6%	2,822	30.0%
1	2,059	26.1%	205	25.9%	189	25.5%	2,453	26.1%
2	1,589	20.2%	179	22.7%	150	20.3%	1,918	20.4%
3	1,041	13.2%	93	11.7%	90	12.2%	1,224	13.0%
4	512	6.5%	47	6.0%	63	8.5%	622	6.6%
5	213	2.7%	22	2.8%	18	2.4%	253	2.7%
6	73	0.9%	3	0.3%	9	1.2%	85	0.9%
7	27	0.3%			2	0.3%	29	0.3%
8	6	0.1%					6	0.0%
9	0						0	
10	0						0	
11	2						2	0.0%
	7,884		790		740		9,414	

Table 4

	Army		Air Force		Navy		Total	
A. Number of Older Sisters								
0	3,637	46.1%	391	49.5%	354	47.8%	4,382	46.5%
1	2,315	29.4%	225	28.5%	214	28.9%	2,754	29.3%
2	1,168	14.8%	102	12.9%	107	14.5%	1,377	14.6%
3	475	6.0%	51	6.5%	49	6.6%	575	6.1%
4	187	2.4%	16	2.0%	9	1.2%	212	2.3%
5	71	0.9%	4	0.5%	5	0.7%	80	0.8%
6	23	0.3%	0		1		24	0.3%
7	6	0.1%	0		0		6	0.1%
8	1		0		1		2	
9	0		1	0.1%			1	
10	1						1	
	7,884		790		740		9,414	
B. Number of Younger Sisters								
0	2,791	35.4%	274	34.7%	236	32.0%	3,301	35.1%
1	2,125	27.0%	205	25.9%	212	28.6%	2,542	27.0%
2	1,505	19.1%	148	18.7%	133	18.0%	1,786	19.0%
3	862	10.9%	96	12.2%	98	13.2%	1,056	11.2%
4	389	4.9%	39	4.9%	34	4.6%	462	4.9%
5	149	1.9%	21	2.7%	21	2.8%	191	2.0%
6	41	0.5%	5	0.6%	3	0.4%	49	0.5%
7	19		1		2	0.3%	22	0.2%
8	1		0		1	0.1%	2	
9	1		0				1	
10	0		0				0	
11	0		1				1	
12	0						0	
13	1						1	
	7,884		790		740		9,414	

Table 5

Marital Status

	Army		Air Force		Navy		Total	
A. Number of wives at present								
0	5,155	65.4%	330	41.8%	467	63.1%	5,952	63.2%
1	2,717	34.5%	457	57.8%	273	36.9%	3,447	36.6%
2	12	0.1%	3	0.4%	0		15	0.2%
	7,884		790		740		9,414	
B. Number of wives divorced								
0	7,786	98.8%	756	95.7%	734	99.2%	9,276	98.5%
1	84	1.1%	32	4.1%	6	0.8%	122	1.3%
2	11	0.1%	1	0.1%			12	0.2%
3	3		1	0.1%			4	
	7,884		790		740		9,414	

Table 6

	Army		Air Force		Navy		Total	
First Language								
Farsi	5,441	69.1%	687	87.0%	673	90.9%	6,801	72.3%
Kurdi	505	6.4%	5	0.6%	24	3.3%	534	5.7%
Luri	151	1.9%	3	0.4%	6	0.9%	160	1.7%
Baluchi	18	0.2%	0		0		18	0.2%
Azerbaijan Turki	1,611	20.5%	93	11.8%	29	3.9%	1,733	18.4%
Other Turki	112	1.4%	1	0.1%	0		113	1.2%
Arabic	18	0.2%	0		1	0.1%	19	0.2%
Armenian	8	0.1%	0		7	0.9%	15	0.2%
Assyrian	2		0		0		2	
English	1		0		0		1	
French	0		0		0		0	
German	0		0		0		0	
Russian	0		0		0		0	
Other	10	0.2%	1	0.1%	0		11	0.1%
	7,877		790		740		9,407	

Table 7

Second Language	Army		Air Force		Navy		Total	
None	4,677	59.3%	244	30.9%	317	42.8%	5,238	55.6%
Farsi	1,319	16.7%	103	13.0%	68	9.2%	1,490	15.8%
Kurdi	100	1.3%	18	2.3%	10	1.4%	128	1.4%
Luri	82	1.0%	3	0.4%	6	0.8%	91	1.0%
Baluchi	35	0.4%	1	0.1%	0		36	0.4%
Azerbaijan Turki	327	4.2%	60	7.6%	87	11.8%	474	5.0%
Other Turki	368	4.7%	36	4.6%	66	8.9%	470	5.0%
Arabic	148	1.9%	0		19	2.6%	167	1.8%
Armenian	5	0.1%	0		3	0.4%	8	0.1%
Assyrian	4	0.1%	0		0		4	0.0%
English	743	9.4%	323	40.9%	126	17.0%	1,192	12.7%
French	41	0.5%	0		4	0.5%	45	0.5%
German	9	0.1%	1	0.1%	0		10	0.1%
Russian	0		1	0.1%	0		1	0.0%
Other	26	0.3%	0		34	4.6%	60	0.6%
	7,884		790		740		9,414	

Table 8

	Army		Air Force		Navy		Total	
Third Language								
None	7,352	93.3%	650	82.3%	644	87.0%	8,646	91.8%
Farsi	18	0.2%	0		0		18	0.2%
Kurdi	65	0.8%	3	0.4%	4	0.5%	72	0.8%
Luri	16	0.2%	0		2	0.3%	18	0.2%
Baluchi	1	0.0%	0		1	0.1%	2	0.0%
Azerbaijan Turki	72	9.0%	11	1.4%	6	0.8%	89	0.9%
Other Turki	26	0.3%	6	0.8%	9	1.2%	41	0.4%
Arabic	15	0.2%	3	0.4%	2	0.3%	20	0.2%
Armenian	8	0.1%	1	0.1%	1	0.1%	10	0.1%
Assyrian	2	0.0%	0		0		2	0.0%
English	241	3.1%	106	13.4%	55	7.4%	402	4.3%
French	40	0.5%	8	1.0%	4	0.5%	52	0.6%
German	10	0.1%	2	0.3%	1	0.1%	13	0.1%
Russian	5	0.1%	0		1	0.1%	6	0.1%
Other	13	0.2%	0		10	1.4%	23	0.3%
	7,884		790		740		9,414	

Table 9

	Army		Air Force		Navy		Total	
Years of School completed								
				Maktab				
0	7,562	95.9%	759	96.1%	719	97.2%	9,040	96.0%
1	121	1.5%	10	1.3%	11	1.5%	142	1.5%
2	101	1.3%	13	1.6%	4	0.5%	118	1.3%
3	44	0.6%	1	0.1%	3	0.4%	48	0.5%
4	15	0.2%	6	0.8%	3	0.4%	24	0.3%
5	21	0.3%	1	0.1%			22	0.2%
6	8	0.1%					8	0.1%
7	9	0.1%					9	0.1%
8	0						0	
9	3	0.0%					3	0.0%
	7,884		790		740		9,414	
				Elementary School				
0	3,311	42.0%	3	0.4%	88	11.8%	3,402	36.1%
1	52	0.7%	2	0.3%	4	0.5%	58	0.6%
2	227	2.9%	4	0.5%	14	1.8%	245	2.6%
3	170	2.2%	2	0.3%	8	1.1%	180	1.9%
4	266	3.4%	3	0.4%	11	1.5%	280	3.0%
5	255	3.2%	11	1.4%	14	1.9%	280	3.0%
6	3,242	41.1%	568	71.9%	476	64.3%	4,286	45.5%
7	281	3.6%	150	19.0%	79	10.7%	510	5.4%
8	66	0.8%	42	5.3%	33	4.5%	141	1.5%
9	10	0.1%	4	0.5%	9	1.2%	23	0.2%
10	1	0.0%	0		2	0.3%	3	0.0%
11	2	0.0%	1	0.1%	1	0.1%	4	0.0%
12	1	0.0%	0		1	0.1%	2	0.0%
	7,884		790		740		9,414	

Table 10

	Army		Air Force		Navy		Total	
			Years of High School completed					
0	5,450	69.1%	79	10.0%	246	33.2%	5,775	61.3%
1	239	3.0%	31	3.9%	31	4.2%	301	3.2%
2	244	3.1%	50	6.3%	37	5.0%	331	3.5%
3	310	3.9%	262	33.2%	192	25.9%	764	8.1%
4	145	1.8%	150	19.0%	96	13.0%	391	4.2%
5	112	1.4%	108	13.7%	58	7.8%	278	3.0%
6	864	11.0%	87	11.0%	62	8.4%	1,013	10.8%
7	341	4.3%	17	2.2%	13	1.8%	371	3.9%
8	142	1.8%	3	0.4%	5	0.7%	150	1.6%
9	28	0.4%	2	0.3%	0		30	0.3%
10	6	0.1%	1	0.1%	0		7	0.1%
11	3	0.0%	0		0		3	0.0%
	7,884		790		740		9,414	
			Years of College completed					
0	7,463	94.7%	764	96.7%	711	96.1%	8,938	94.9%
1	30	0.4%	1	0.1%	0		31	0.3%
2	13	0.2%	3	0.4%	2	0.3%	18	0.2%
3	109	1.4%	20	2.5%	15	2.0%	144	1.5%
4	36	0.5%	1	0.1%	7	0.9%	44	0.5%
5	42	0.5%	1	0.1%	3	0.4%	46	0.5%
6	13	0.2%			1	0.1%	14	0.1%
7	137	1.7%			1	0.1%	138	1.5%
8	16	0.2%					16	0.2%
9	1	0.0%					1	0.0%
10	4	0.1%					4	0.0%
11	7	0.1%					7	0.1%
12	8	0.1%					8	0.1%
13	5	0.1%					5	0.1%
	7,884		790		740		9,414	

Table 11

	Army		Air Force		Navy		Total	
Years of School beyond High School other than College								
0	7,730	98.0%	762	96.5%	720	97.3%	9,212	97.9%
1	126	1.6%	18	2.3%	3	0.4%	147	1.6%
2	6	0.1%	6	0.8%	0		12	0.1%
3	17	0.2%	4	0.4%	12	1.6%	33	0.4%
4	2				4	0.5%	6	0.1%
5	2				0		2	0.0%
6	0				1	0.1%	1	0.0%
7	1						1	0.0%
	7,884		790		740		9,414	
Main Occupation before entering Military Service								
Professional or Technical	94	1.2%	4	0.5%	5	0.7%	103	1.1%
Office Worker	106	1.3%	14	1.8%	17	2.3%	137	1.5%
Sales or Merchandising	321	4.1%	25	3.2%	33	4.5%	379	4.0%
Farm, Forestry, Fishery Worker	3,119	39.7%	9	1.1%	105	14.2%	3,232	34.4%
Skilled Non-Farm Worker	553	7.0%	33	4.2%	30	4.1%	616	6.6%
Un-Skilled Non-Farm Worker	558	7.1%	20	2.5%	38	5.1%	616	6.6%
Student	1,989	25.3%	640	81.5%	440	59.5%	3,069	32.7%
Herdsman	89	1.1%	0		3	0.4%	92	1.0%
Other	1,035	13.2%	40	5.1%	68	9.2%	1,143	12.2%
	7,864		785		739		9,387	

Table 12

	Army		Air Force		Navy		Total	
	Total for each service							
	7,884		790		740		9,414	
			Rank					
Colonel	6	0.1%	2	0.3%			8	0.1%
Lt. Colonel	2	0.0%					2	0.0%
Major	11	0.1%	10	1.3%			21	0.2%
Captain	88	1.1%	1	0.1%	3	0.4%	92	1.0%
1st Lieutenant	176	2.2%	17	2.2%	12	1.6%	205	2.2%
2nd Lieutenant	20	0.3%	13	1.6%	30	4.1%	63	0.7%
3rd Lieutenant	4	0.1%	35	4.4%	5	0.7%	44	0.5%
1st Master Sergeant	262	3.3%	118	15.0%	28	3.8%	408	4.3%
2nd Master Sergeant	302	3.8%	66	8.4%	28	3.8%	396	4.2%
1st Sergeant	470	6.0%	273	34.6%	102	13.8%	845	9.0%
2nd Sergeant	252	3.2%	163	20.7%	207	28.0%	622	6.6%
3rd Sergeant	391	5.0%	91	11.5%	44	6.0%	526	5.6%
Corporal	1	0.0%	0		15	2.0%	16	0.2%
Private First Class	0	0.0%	0		0	0.0%	0	0.0%
Private	155	2.0%	0		264	35.7%	419	4.5%
Trainee	5,741	72.8%	0		2	0.3%	5,743	61.0%
	7,881		789		740		9,410	

Table 13

Place of Birth	Army		Air Force		Navy		Total	
Central (Tehran)	1,075	13.6%	455	57.9%	139	18.8%	1,669	17.7%
Gilan	204	2.6%	45	5.7%	163	22.0%	412	4.4%
Mazandaran	841	10.7%	18	2.3%	14	1.9%	873	9.3%
East Azerbaijan	970	12.3%	73	9.3%	37	5.0%	1,080	11.5%
West Azerbaijan	808	10.3%	20	2.5%	4	0.5%	832	8.8%
Kermanshan	84	1.1%	24	3.1%	35	4.7%	143	1.5%
Khuzistan	350	4.4%	4	0.5%	68	9.2%	422	4.5%
Fars	485	6.2%	12	1.5%	29	3.9%	526	5.6%
Kerman	419	5.3%	7	0.9%	14	1.9%	440	4.7%
Khorasan	896	11.4%	51	6.5%	31	4.2%	978	10.4%
Isfahan	708	9.0%	26	3.3%	146	19.7%	880	9.4%
Kurdistan	271	3.4%	3	0.4%	1	0.1%	275	2.9%
Baluchistan-Sistan	174	2.2%	2	0.3%	1	0.1%	177	1.9%
Coastal	43	0.6%	0	0.0%	11	1.5%	54	0.6%
Semnan	8	0.1%	1	0.1%	3	0.4%	12	0.1%
Yazd	37	0.5%	5	0.6%	3	0.4%	45	0.5%
Hamadan	64	0.8%	22	2.8%	12	1.6%	98	1.0%
Luristan	276	3.5%	10	1.3%	17	2.3%	303	3.2%
Ilam	3	0.0%	1	0.1%	1	0.1%	5	0.1%
Baktiari-Chaharmahal	36	0.3%	2	0.3%	7	0.9%	35	0.4%
Zanjan	138	1.8%	5	0.6%	4	0.5%	147	1.6%
Bovir-Ahmadi-Kohkiluych	0	0.0%	0		0		0	0.0%
Foreign	1	0.0%	0		0		1	0.0%
	7,881		786		740		9,407	

Table 14

	Army		Air Force		Navy		Total	
Residence on Entering Military Service								
Central (Tehran	1,220	15.5%	481	60.9%	171	23.1%	1,872	19.9%
Gilan	190	2.4%	40	5.1%	146	19.8%	376	4.0%
Mazandaran	826	10.5%	15	1.9%	12	1.6%	853	9.1%
East Azerbaijan	942	12.0%	65	8.2%	32	4.3%	1,039	11.1%
West Azerbaijan	795	10.1%	20	2.5%	5	0.7%	820	8.7%
Kermanshah	77	1.0%	24	3.0%	34	4.6%	135	1.4%
Khuzistan	335	4.3%	5	0.6%	84	11.4%	424	4.5%
Fars	515	6.5%	12	1.5%	24	3.2%	551	5.9%
Kerman	405	5.1%	7	0.9%	11	1.5%	423	4.5%
Khorasan	885	11.2%	48	6.1%	28	3.8%	961	10.2%
Isfahan	690	8.8%	24	3.0%	140	18.9%	854	9.1%
Kurdistan	263	3.3%	3	0.4%	0	0.0%	266	2.8%
Baluchistan-Sistan	171	2.2%	1	0.1%	0	0.0%	172	1.8%
Coastal	41	0.5%	0	0.0%	11	1.5%	52	0.6%
Semnan	2	0.0%	1	0.1%	2	0.3%	5	0.1%
Yazd	27	0.3%	5	0.6%	3	0.4%	35	0.4%
Hamadan	56	0.7%	22	2.8%	11	1.5%	89	0.9%
Luristan	270	3.4%	10	1.3%	15	2.0%	295	3.1%
Ilam	3	0.0%	0	0.0%	1	0.1%	4	0.0%
Bakhtiari-Chaharmahal	25	0.3%	2	0.3%	7	0.9%	34	0.4%
Bovir-Ahmadi-Kohkiluyeh	0	0.0%	0		0		0	0.0%
Foreign	2	0.0%	0		0		2	0.0%
	7,872		790		739		9,401	

Table 15

Ethnic Derivation	Army		Air Force		Navy		Total	
Nontribal	5,229	66.6%	683	86.7%	633	85.5%	6,545	70.1%
Lur	152	1.9%	2	0.3%	9	1.2%	163	1.7%
Bakhtiari	49	0.6%	1	0.1%	10	1.4%	60	0.6%
Kurd	528	6.7%	8	1.0%	28	3.8%	564	6.0%
Baluchi	26	0.3%	0		0	0.0%	26	0.3%
Arab	29	0.4%	0		1	0.1%	30	0.3%
Armenian	12	0.2%	0		7	0.9%	19	0.2%
Azerbaijani	1,693	21.6%	94	11.9%	51	6.9%	1,838	19.7%
Turkoman	85	1.1%			0	0.0%	85	0.9%
Qajar	1	0.0%			0	0.0%	1	0.0%
Qashqai	9	0.1%			1	0.1%	10	0.1%
Shahsavan	1	0.0%					1	0.0%
Afshar	0	0.0%					0	0.0%
Jew	22	0.3%					22	0.2%
Assyrian	5	0.1%					5	0.1%
Other	13	0.2%					13	0.1%
	7,854		788		740		9,332	

Table 16

	Army		Air Force		Navy		Total	
Military Duty								
Shipboard Duty					147	19.9%	147	1.6%
Shore Duty					584	78.9%	584	6.2%
Flying			51	6.5%			51	0.5%
Non-Flying			735	93.0%			735	7.8%
Guards	1	0.0%					1	0.0%
Infantry	1,160	14.7%					1,160	12.3%
Artillery	10	0.1%					10	0.1%
Mechanized Cavalry	15	0.2%					15	0.2%
Airborne	58	0.7%					58	0.6%
Engineers	40	0.5%					40	0.4%
Communications	56	0.7%					56	0.6%
Transportation	158	2.0%					158	1.7%
Quartermaster	113	1.4%					113	1.2%
Ordinance	153	1.9%					153	1.6%
Military Police	16	0.2%					16	0.2%
Adjutant	122	1.6%					122	1.3%
Medical	7	0.1%					7	0.1%
Veterinary	8	0.1%					8	0.1%
Other	199	2.5%					199	2.1%
Trainee and not Ascertained	5,768	73.2%	5	0.5%	9	1.2%	5,781	61.4%
	7,884		790		740		9,414	

Table 17

	Army		Air Force		Navy		Total	
Length of Service in Years								
0 - 1	5,883	74.6%	0	0.0%	136	18.4%	6,019	63.9%
1 - 2	107	1.4%	76	9.6%	217	29.3%	400	4.2%
2 - 3	154	2.0%	58	7.3%	55	7.4%	267	2.8%
3 - 4	157	2.0%	53	6.7%	44	5.9%	254	2.7%
4 - 5	121	1.5%	58	7.3%	66	8.9%	245	2.6%
5 - 6	73	0.9%	70	8.9%	50	6.8%	193	2.1%
6 - 7	67	0.8%	80	10.1%	30	4.1%	177	1.9%
7 - 8	49	0.6%	54	6.8%	27	3.6%	130	1.4%
8 - 9	138	1.8%	60	7.6%	22	3.0%	220	2.3%
9 - 10	153	1.9%	61	7.7%	21	2.8%	235	2.5%
10 - 11	174	2.2%	42	5.3%	17	2.3%	233	2.5%
11 - 12	127	1.6%	7	0.9%	10	1.4%	144	1.5%
12 - 13	86	1.1%	2	0.3%	11	1.5%	99	1.1%
13 - 14	80	1.0%	1	0.1%	5	0.7%	86	0.9%
14 - 15	79	1.0%	3	0.4%	5	0.7%	87	0.9%
15 - 16	32	0.4%	2	0.3%	0	0.0%	34	0.4%
16 - 17	25	0.3%	3	0.4%	2	0.3%	30	0.3%
17 - 18	49	0.6%	25	3.2%	3	0.4%	77	0.8%
18 - 19	61	0.8%	41	5.2%	3	0.4%	105	1.1%
19 - 20	71	0.9%	44	5.6%	3	0.4%	118	1.3%
20 - 21	61	0.8%	15	1.9%	7	0.9%	83	0.9%
21 - 22	30	0.4%	11	1.4%	3	0.4%	44	0.5%
22 - 23	32	0.4%	4	0.5%	3	0.4%	39	0.4%
23 - 24	9	0.1%	1	0.1%	0		10	0.1%
24 - 25	16	0.2%	7	0.9%	0		23	0.2%
25 and over	50	0.6%	12	1.5%	0		62	0.7%
	7,884		790		740		9,414	

PART II

Summary Statistics and Frequency Tables

PART II

TABLE OF CONTENTS

Series	Pages
Army	II-1 through II-69
Air Force	II-70 through II-138
Navy	II-139 through II-207
Total	II-208 through II-276

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
WEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
99.50-101.50	1	7884	0.01	100.00
97.50- 99.50	0	7883	0.00	99.99
95.50- 97.50	2	7883	0.03	99.99
93.50- 95.50	6	7881	0.08	99.96
91.50- 93.50	5	7875	0.06	99.89
89.50- 91.50	16	7870	0.20	99.82
87.50- 89.50	12	7854	0.15	99.62
85.50- 87.50	18	7842	0.23	99.47
83.50- 85.50	26	7824	0.33	99.24
81.50- 83.50	25	7798	0.32	98.91
79.50- 81.50	55	7773	0.70	98.59
77.50- 79.50	68	7718	0.86	97.89
75.50- 77.50	69	7650	0.88	97.03
73.50- 75.50	176	7581	2.23	96.16
71.50- 73.50	144	7405	1.83	93.92
69.50- 71.50	392	7261	4.97	92.10
67.50- 69.50	331	6869	4.20	87.13
65.50- 67.50	481	6538	6.10	82.93
63.50- 65.50	943	6057	11.95	76.83
61.50- 63.50	703	5115	8.92	64.88
59.50- 61.50	1213	4412	15.37	55.96
57.50- 59.50	731	3200	9.27	40.59
55.50- 57.50	671	2469	8.51	31.32
53.50- 55.50	886	1798	11.24	22.81
51.50- 53.50	351	912	4.45	11.57
49.50- 51.50	362	561	4.59	7.12
47.50- 49.50	89	199	1.13	2.52
45.50- 47.50	56	110	0.71	1.40
43.50- 45.50	44	54	0.56	0.68
41.50- 43.50	8	10	0.10	0.13
39.50- 41.50	2	2	0.03	0.03

*IN KILOGRAMS

THE SUMMARY STATISTICS

KILOGRAMS		POUNDS
61.30	MEAN VALUE	134.85
0.08	SE(MEAN)	0.18
7.36	SD DEVIATION	16.19
0.06	SE(SD DEV)	0.13

****

SYMMETRY---VETA I = 0.75
KURTOSIS---VETA II = 4.43
COEF. OF VARIATION = 12.01

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

KILOGRAMS		POUNDS
83.98	99TH	184.75
79.82	98TH	175.60
77.45	97TH	170.40
74.55	95TH	164.02
70.63	90TH	155.49
68.39	85TH	150.46
66.74	80TH	146.83
65.40	75TH	143.88
64.26	70TH	141.38
63.26	65TH	139.17
62.34	60TH	137.14
61.47	55TH	135.24
60.64	50TH	133.41
59.82	45TH	131.61
59.01	40TH	129.83
58.19	35TH	128.02
57.34	30TH	126.14
56.42	25TH	124.12
55.40	20TH	121.89
54.24	15TH	119.32
52.78	10TH	116.11
50.63	5TH	111.39
49.26	3RD	108.38
48.27	2RD	106.20
46.76	1ST	102.88

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
HEIGHT (STATURE)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
192.25-193.25	1	7884	0.01	100.00
191.25-192.25	0	7883	0.00	99.99
190.25-191.25	0	7883	0.00	99.99
189.25-190.25	1	7883	0.01	99.99
188.25-189.25	1	7882	0.01	99.97
187.25-188.25	1	7881	0.01	99.96
186.25-187.25	0	7880	0.00	99.95
185.25-186.25	3	7880	0.04	99.95
184.25-185.25	3	7877	0.04	99.91
183.25-184.25	13	7874	0.16	99.87
182.25-183.25	12	7861	0.15	99.71
181.25-182.25	15	7849	0.19	99.56
180.25-181.25	31	7834	0.39	99.37
179.25-180.25	44	7803	0.56	98.97
178.25-179.25	71	7759	0.90	98.41
177.25-178.25	96	7688	1.22	97.51
176.25-177.25	128	7592	1.62	96.30
175.25-176.25	137	7464	1.74	94.67
174.25-175.25	191	7327	2.42	92.94
173.25-174.25	236	7136	2.99	90.51
172.25-173.25	344	6900	4.36	87.52
171.25-172.25	371	6556	4.71	83.16
170.25-171.25	386	6185	4.90	78.45
169.25-170.25	431	5799	5.47	73.55
168.25-169.25	427	5368	5.42	68.09
167.25-168.25	559	4941	7.09	62.67
166.25-167.25	563	4382	7.14	55.58
165.25-166.25	573	3819	7.27	48.44
164.25-165.25	571	3246	7.24	41.17
163.25-164.25	466	2675	5.91	33.93
162.25-163.25	482	2209	6.11	28.02
161.25-162.25	390	1727	4.95	21.91
160.25-161.25	336	1337	4.26	16.96
159.25-160.25	231	1001	2.93	12.70
158.25-159.25	196	770	2.49	9.77
157.25-158.25	169	574	2.13	7.28
156.25-157.25	131	406	1.66	5.15
155.25-156.25	96	275	1.09	3.49
154.25-155.25	66	189	0.84	2.40
153.25-154.25	49	123	0.62	1.56
152.25-153.25	34	74	0.43	0.94
151.25-152.25	21	40	0.27	0.51
150.25-151.25	7	19	0.09	0.24
149.25-150.25	4	12	0.05	0.15
148.25-149.25	3	8	0.04	0.10
147.25-148.25	4	5	0.05	0.06
146.25-147.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
166.64	MEAN VALUE	65.61
0.06	SE(MEAN)	0.03
5.77	SD DEVIATION	2.27
0.05	SE(SD DEV)	0.02

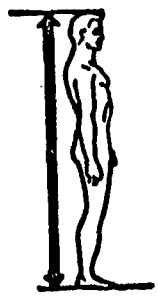
****

SYMMETRY---VETA I = 0.09
KURTOSIS---VETA II = 3.05
COEF. OF VARIATION = 3.46

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

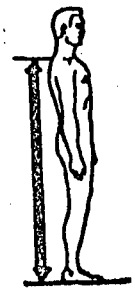
CENTIMETERS		INCHES
180.37	99TH	71.01
178.80	98TH	70.39
177.77	97TH	69.99
176.36	95TH	69.43
174.16	90TH	68.57
172.67	85TH	67.98
171.50	80TH	67.52
170.49	75TH	67.12
169.59	70TH	66.77
168.77	65TH	66.45
168.00	60TH	66.14
167.26	55TH	65.85
166.53	50TH	65.56
165.80	45TH	65.28
165.07	40TH	64.99
164.33	35TH	64.70
163.55	30TH	64.39
162.70	25TH	64.06
161.77	20TH	63.69
160.68	15TH	63.26
159.31	10TH	62.72
157.26	5TH	61.91
155.90	3RD	61.38
154.88	2RD	60.98
153.21	1ST	60.32

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
CERVICALE HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
165.25-166.25	1	7884	0.01	100.00
164.25-165.25	0	7883	0.00	99.99
163.25-164.25	1	7883	0.01	99.99
162.25-163.25	2	7882	0.03	99.97
161.25-162.25	1	7880	0.01	99.95
160.25-161.25	0	7879	0.00	99.94
159.25-160.25	8	7879	0.10	99.94
158.25-159.25	10	7871	0.13	99.84
157.25-158.25	10	7861	0.13	99.71
156.25-157.25	23	7851	0.29	99.58
155.25-156.25	28	7828	0.36	99.29
154.25-155.25	48	7800	0.61	98.93
153.25-154.25	86	7752	1.09	98.33
152.25-153.25	103	7666	1.31	97.23
151.25-152.25	136	7563	1.73	95.93
150.25-151.25	141	7427	1.79	94.20
149.25-150.25	163	7286	2.07	92.42
148.25-149.25	255	7123	3.23	90.35
147.25-148.25	354	6868	4.49	87.11
146.25-147.25	403	6514	5.07	82.62
145.25-146.25	466	6111	5.91	77.55
144.25-145.25	522	5648	6.62	71.64
143.25-144.25	550	5126	6.98	65.02
142.25-143.25	637	4576	8.08	58.04
141.25-142.25	624	3939	7.91	49.96
140.25-141.25	519	3315	6.58	42.05
139.25-140.25	428	2796	5.43	35.46
138.25-139.25	484	2368	6.14	30.04
137.25-138.25	416	1884	5.28	23.90
136.25-137.25	349	1468	4.43	18.62
135.25-136.25	327	1119	4.15	14.19
134.25-135.25	224	792	2.84	10.05
133.25-134.25	203	568	2.57	7.20
132.25-133.25	129	365	1.64	4.63
131.25-132.25	91	236	1.15	2.99
130.25-131.25	51	145	0.65	1.84
129.25-130.25	41	94	0.52	1.19
128.25-129.25	21	53	0.27	0.67
127.25-128.25	15	32	0.19	0.41
126.25-127.25	10	17	0.13	0.22
125.25-126.25	4	7	0.05	0.09
124.25-125.25	1	3	0.01	0.04
123.25-124.25	2	2	0.03	0.03

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
142.23	MEAN VALUE	56.00
0.06	SE(MEAN)	0.02
5.49	SD DEVIATION	2.16
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.04
COEF. OF VARIATION = 3.86

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
155.58	99TH	61.25
153.92	98TH	60.60
152.88	97TH	60.19
151.48	95TH	59.64
149.35	90TH	58.80
147.94	85TH	58.24
146.83	80TH	57.81
145.88	75TH	57.43
145.04	70TH	57.10
144.27	65TH	56.80
143.54	60TH	56.51
142.83	55TH	56.23
142.14	50TH	55.96
141.45	45TH	55.69
140.76	40TH	55.42
140.05	35TH	55.14
139.30	30TH	54.84
138.50	25TH	54.53
137.60	20TH	54.17
136.58	15TH	53.77
135.29	10TH	53.26
133.40	5TH	52.52
132.19	3RD	52.04
131.31	2RD	51.70
129.93	1ST	51.16

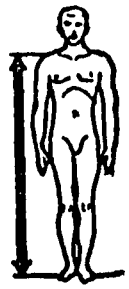
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER (ACROMION) HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
159.25-160.25	1	7884	0.01	100.00
158.25-159.25	1	7883	0.01	99.99
157.25-158.25	0	7882	0.00	99.97
156.25-157.25	0	7882	0.00	99.97
155.25-156.25	2	7882	0.03	99.97
154.25-155.25	2	7880	0.03	99.95
153.25-154.25	7	7878	0.09	99.92
152.25-153.25	8	7871	0.10	99.84
151.25-152.25	4	7863	0.05	99.73
150.25-151.25	25	7859	0.32	99.68
149.25-150.25	26	7834	0.33	99.37
148.25-149.25	47	7808	0.60	99.04
147.25-148.25	83	7761	1.05	98.44
146.25-147.25	107	7678	1.36	97.39
145.25-146.25	136	7571	1.73	96.03
144.25-145.25	179	7435	2.27	94.30
143.25-144.25	236	7256	2.99	92.03
142.25-143.25	320	7020	4.06	89.04
141.25-142.25	359	6700	4.55	84.98
140.25-141.25	396	6341	5.02	80.43
139.25-140.25	411	5945	5.21	75.41
138.25-139.25	513	5534	6.51	70.19
137.25-138.25	554	5021	7.03	63.69
136.25-137.25	559	4467	7.08	56.66
135.25-136.25	569	3909	7.22	49.58
134.25-135.25	625	3340	7.93	42.36
133.25-134.25	550	2715	6.98	34.44
132.25-133.25	473	2165	6.00	27.46
131.25-132.25	457	1692	5.80	21.46
130.25-131.25	330	1235	4.19	15.66
129.25-130.25	258	905	3.27	11.48
128.25-129.25	178	647	2.26	8.21
127.25-128.25	162	469	2.05	5.95
126.25-127.25	107	307	1.36	3.89
125.25-126.25	62	200	0.79	2.54
124.25-125.25	64	138	0.81	1.75
123.25-124.25	30	74	0.38	0.94
122.25-123.25	19	44	0.24	0.56
121.25-122.25	7	25	0.09	0.32
120.25-121.25	13	18	0.16	0.23
119.25-120.25	3	5	0.04	0.06
118.25-119.25	2	2	0.01	0.03
117.25-118.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
136.51	MEAN VALUE	53.74
0.06	SE(MEAN)	0.02
5.39	SD DEVIATION	2.12
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.02
COEF. OF VARIATION = 3.95

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS.		INCHES
149.20	99TH	58.74
147.85	98TH	58.21
146.94	97TH	57.85
145.66	95TH	57.34
143.60	90TH	56.54
142.20	85TH	55.98
141.08	80TH	55.54
140.12	75TH	55.17
139.27	70TH	54.83
138.49	65TH	54.52
137.76	60TH	54.23
137.05	55TH	53.96
136.36	50TH	53.69
135.68	45TH	53.42
135.00	40TH	53.15
134.31	35TH	52.88
133.58	30TH	52.59
132.81	25TH	52.29
131.95	20TH	51.95
130.96	15TH	51.56
129.72	10TH	51.07
127.87	5TH	50.34
126.65	3RD	49.86
125.72	2RD	49.50
124.20	1ST	48.90

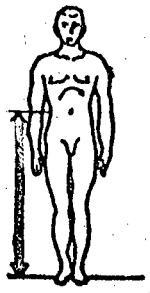
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

WAIST (TOP OF HIP BONE) HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
119.25-120.25	1	7884	0.01	100.00
118.25-119.25	0	7883	0.00	99.99
117.25-118.25	0	7883	0.00	99.99
116.25-117.25	2	7883	0.03	99.99
115.25-116.25	3	7881	0.04	99.96
114.25-115.25	6	7878	0.08	99.92
113.25-114.25	4	7872	0.05	99.85
112.25-113.25	18	7868	0.23	99.80
111.25-112.25	25	7850	0.32	99.57
110.25-111.25	52	7825	0.66	99.25
109.25-110.25	63	7773	0.80	98.59
108.25-109.25	93	7710	1.18	97.79
107.25-108.25	150	7617	1.90	96.61
106.25-107.25	242	7467	3.07	94.71
105.25-106.25	314	7225	3.98	91.64
104.25-105.25	379	6911	4.81	87.66
103.25-104.25	505	6532	6.41	82.85
102.25-103.25	601	6027	7.62	76.45
101.25-102.25	637	5426	8.08	68.82
100.25-101.25	665	4789	8.43	60.74
99.25-100.25	669	4124	8.49	52.31
98.25- 99.25	698	3455	8.85	43.82
97.25- 98.25	658	2757	8.35	34.97
96.25- 97.25	582	2099	7.38	26.62
95.25- 96.25	407	1517	5.16	19.24
94.25- 95.25	368	1110	4.67	14.08
93.25- 94.25	280	742	3.55	9.41
92.25- 93.25	196	462	2.49	5.86
91.25- 92.25	124	266	1.57	3.37
90.25- 91.25	59	142	0.75	1.80
89.25- 90.25	40	83	0.51	1.05
88.25- 89.25	22	43	0.28	0.55
87.25- 88.25	12	21	0.15	0.27
86.25- 87.25	3	9	0.04	0.11
85.25- 86.25	4	6	0.05	0.08
84.25- 85.25	1	2	0.01	0.03
83.25- 84.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
100.04	MEAN VALUE	39.39
0.05	SE(MEAN)	0.02
4.44	SD DEVIATION	1.75
0.04	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.12
KURTOSIS---VETA II = 3.03
COEF. OF VARIATION = 4.44

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
110.83	99TH	43.63
109.43	98TH	43.10
108.64	97TH	42.77
107.51	95TH	42.33
105.81	90TH	41.66
104.68	85TH	41.21
103.79	80TH	40.86
103.03	75TH	40.56
102.35	70TH	40.29
101.72	65TH	40.05
101.13	60TH	39.81
100.56	55TH	39.59
100.00	50TH	39.37
99.44	45TH	39.15
98.87	40TH	38.93
98.29	35TH	38.70
97.68	30TH	38.46
97.03	25TH	38.20
96.30	20TH	37.91
95.46	15TH	37.58
94.42	10TH	37.17
92.91	5TH	36.58
91.96	3RD	36.20
91.27	2RD	35.93
90.24	1ST	35.53

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CROTCH HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
94.25- 95.25	1	7884	0.01	100.00
93.25- 94.25	0	7883	0.00	99.99
92.25- 93.25	0	7883	0.00	99.99
91.25- 92.25	2	7883	0.03	99.99
90.25- 91.25	3	7881	0.04	99.96
89.25- 90.25	8	7878	0.10	99.92
88.25- 89.25	18	7870	0.23	99.82
87.25- 88.25	34	7852	0.43	99.59
86.25- 87.25	38	7818	0.48	99.16
85.25- 86.25	96	7780	1.22	98.68
84.25- 85.25	108	7684	1.37	97.46
83.25- 84.25	198	7576	2.51	96.09
82.25- 83.25	286	7378	3.63	93.58
81.25- 82.25	362	7092	4.59	89.95
80.25- 81.25	465	6730	5.90	85.36
79.25- 80.25	570	6265	7.23	79.46
78.25- 79.25	612	5695	7.76	72.23
77.25- 78.25	747	5083	9.47	64.47
76.25- 77.25	729	4336	9.25	55.00
75.25- 76.25	743	3607	9.42	45.75
74.25- 75.25	750	2864	9.51	36.33
73.25- 74.25	578	2114	7.33	26.81
72.25- 73.25	456	1536	5.78	19.48
71.25- 72.25	383	1080	4.86	13.70
70.25- 71.25	245	697	3.11	8.84
69.25- 70.25	166	452	2.11	5.73
68.25- 69.25	111	286	1.41	3.63
67.25- 68.25	96	175	1.22	2.22
66.25- 67.25	37	79	0.47	1.00
65.25- 66.25	19	42	0.24	0.53
64.25- 65.25	9	23	0.11	0.29
63.25- 64.25	9	14	0.10	0.18
62.25- 63.25	2	6	0.03	0.08
61.25- 62.25	3	4	0.04	0.05
60.25- 61.25	0	1	0.00	0.01
59.25- 60.25	0	1	0.00	0.01
58.25- 59.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
76.83	MEAN VALUE	30.25
0.05	SE(MEAN)	0.02
4.21	SD DEVIATION	1.66
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 3.08
COEF. OF VARIATION = 5.48

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
86.94	99TH	34.23
85.68	98TH	33.73
84.89	97TH	33.42
83.83	95TH	33.01
82.23	90TH	32.37
81.16	85TH	31.95
80.32	80TH	31.62
79.60	75TH	31.34
78.96	70TH	31.09
78.37	65TH	30.86
77.82	60TH	30.64
77.28	55TH	30.42
76.75	50TH	30.22
76.22	45TH	30.01
75.69	40TH	29.80
75.14	35TH	29.58
74.56	30TH	29.35
73.93	25TH	29.11
73.23	20TH	28.83
72.43	15TH	28.51
71.41	10TH	28.11
69.91	5TH	27.52
68.93	3RD	27.14
68.22	2RD	26.86
67.10	1ST	26.42

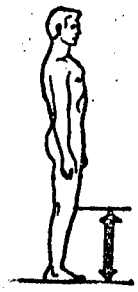
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

KNEE HEIGHT

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
59.25-	59.75	1	7884	0.01	100.00
58.75-	59.25	0	7883	0.00	99.99
58.25-	58.75	2	7883	0.03	99.99
57.75-	58.25	9	7881	0.10	99.96
57.25-	57.75	9	7872	0.11	99.86
56.75-	57.25	12	7864	0.15	99.75
56.25-	56.75	24	7852	0.30	99.59
55.75-	56.25	32	7828	0.41	99.29
55.25-	55.75	67	7796	0.85	98.88
54.75-	55.25	77	7729	0.98	98.03
54.25-	54.75	115	7652	1.46	97.06
53.75-	54.25	114	7537	1.45	95.60
53.25-	53.75	282	7423	3.58	94.15
52.75-	53.25	273	7141	3.46	90.58
52.25-	52.75	467	6868	5.92	87.11
51.75-	52.25	415	6401	5.26	81.19
51.25-	51.75	651	5986	8.26	75.93
50.75-	51.25	495	5335	6.28	67.67
50.25-	50.75	723	4840	9.17	61.39
49.75-	50.25	496	4117	6.29	52.22
49.25-	49.75	744	3621	9.44	45.93
48.75-	49.25	504	2877	6.39	36.49
48.25-	48.75	643	2373	8.16	30.10
47.75-	48.25	394	1730	5.00	21.94
47.25-	47.75	473	1336	6.00	16.95
46.75-	47.25	234	863	2.97	10.95
46.25-	46.75	235	629	2.98	7.98
45.75-	46.25	133	394	1.69	5.00
45.25-	45.75	116	261	1.47	3.31
44.75-	45.25	80	145	1.01	1.84
44.25-	44.75	24	65	0.30	0.82
43.75-	44.25	22	41	0.28	0.52
43.25-	43.75	10	19	0.13	0.24
42.75-	43.25	5	9	0.06	0.11
42.25-	42.75	2	4	0.03	0.05
41.75-	42.25	2	2	0.03	0.03

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
50.09	MEAN VALUE	19.72
0.03	SE(MEAN)	0.01
2.39	SD DEVIATION	0.94
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 2.96
COEF. OF VARIATION = 4.78

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
55.91	99TH	22.01
55.17	98TH	21.72
54.72	97TH	21.54
54.11	95TH	21.30
53.19	90TH	20.94
52.59	85TH	20.70
52.11	80TH	20.52
51.70	75TH	20.35
51.34	70TH	20.21
51.00	65TH	20.08
50.68	60TH	19.95
50.37	55TH	19.83
50.07	50TH	19.71
49.76	45TH	19.59
49.45	40TH	19.47
49.14	35TH	19.35
48.80	30TH	19.21
48.45	25TH	19.07
48.05	20TH	18.92
47.59	15TH	18.74
47.02	10TH	18.51
46.20	5TH	18.19
45.70	3RD	17.99
45.34	2RD	17.85
44.81	1ST	17.64

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
CALF HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
42.25- 42.75	4	7884	0.05	100.00
41.75- 42.25	3	7880	0.04	99.95
41.25- 41.75	3	7877	0.04	99.91
40.75- 41.25	12	7874	0.15	99.87
40.25- 40.75	13	7862	0.16	99.72
39.75- 40.25	13	7849	0.16	99.56
39.25- 39.75	54	7836	0.68	99.39
38.75- 39.25	40	7782	0.51	98.71
38.25- 38.75	119	7742	1.49	98.20
37.75- 38.25	131	7623	1.66	96.71
37.25- 37.75	267	7501	3.39	95.14
36.75- 37.25	234	7234	2.97	91.76
36.25- 36.75	476	7000	6.04	88.79
35.75- 36.25	479	6524	6.08	82.75
35.25- 35.75	590	6045	7.48	76.67
34.75- 35.25	571	5455	7.24	69.19
34.25- 34.75	815	4884	10.35	61.95
33.75- 34.25	674	4068	8.55	51.60
33.25- 33.75	723	3394	9.17	43.05
32.75- 33.25	584	2671	7.41	33.88
32.25- 32.75	659	2087	8.36	26.47
31.75- 32.25	393	1428	4.98	18.11
31.25- 31.75	381	1035	4.83	13.13
30.75- 31.25	229	654	2.90	8.30
30.25- 30.75	192	425	2.44	5.39
29.75- 30.25	93	233	1.18	2.96
29.25- 29.75	74	140	0.94	1.78
28.75- 29.25	34	66	0.43	0.84
28.25- 28.75	15	32	0.19	0.41
27.75- 28.25	7	17	0.09	0.22
27.25- 27.75	6	10	0.08	0.13
26.75- 27.25	1	4	0.01	0.05
26.25- 26.75	0	3	0.00	0.04
25.75- 26.25	2	3	0.03	0.04
25.25- 25.75	0	1	0.00	0.01
24.75- 25.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
34.17	MEAN VALUE	13.45
0.02	SE(MEAN)	0.01
2.16	SD DEVIATION	0.85
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.12
COEF. OF VARIATION = 6.32

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
39.41	99TH	15.52
38.74	98TH	15.25
38.33	97TH	15.09
37.78	95TH	14.87
36.95	90TH	14.55
36.40	85TH	14.33
35.97	80TH	14.16
35.61	75TH	14.02
35.28	70TH	13.89
34.98	65TH	13.77
34.69	60TH	13.66
34.42	55TH	13.55
34.14	50TH	13.44
33.87	45TH	13.34
33.60	40TH	13.23
33.32	35TH	13.12
33.02	30TH	13.00
32.70	25TH	12.87
32.34	20TH	12.73
31.93	15TH	12.57
31.42	10TH	12.37
30.67	5TH	12.08
30.20	3RD	11.89
29.87	2ND	11.76
29.35	1ST	11.56

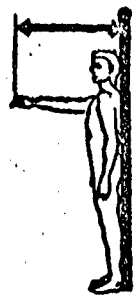
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FUNCTIONAL ARM REACH-FORWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
93.25- 94.25	2	7884	0.03	100.00
92.25- 93.25	4	7882	0.05	99.97
91.25- 92.25	1	7878	0.01	99.92
90.25- 91.25	1	7877	0.01	99.91
89.25- 90.25	12	7876	0.15	99.90
88.25- 89.25	26	7864	0.33	99.75
87.25- 88.25	25	7838	0.32	99.42
86.25- 87.25	48	7813	0.61	99.10
85.25- 86.25	78	7765	0.99	98.49
84.25- 85.25	126	7687	1.60	97.50
83.25- 84.25	213	7561	2.70	95.90
82.25- 83.25	300	7348	3.81	93.20
81.25- 82.25	366	7048	4.64	89.40
80.25- 81.25	471	6682	5.97	84.75
79.25- 80.25	547	6211	6.94	78.78
78.25- 79.25	652	5664	8.27	71.84
77.25- 78.25	741	5012	9.40	63.57
76.25- 77.25	741	4271	9.53	54.17
75.25- 76.25	710	3520	9.01	44.65
74.25- 75.25	704	2810	8.93	35.64
73.25- 74.25	595	2106	7.55	26.71
72.25- 73.25	532	1511	6.75	19.17
71.25- 72.25	366	979	4.64	12.42
70.25- 71.25	280	613	3.55	7.78
69.25- 70.25	130	333	1.65	4.22
68.25- 69.25	98	203	1.24	2.57
67.25- 68.25	50	105	0.63	1.33
66.25- 67.25	25	55	0.32	0.70
65.25- 66.25	8	30	0.10	0.38
64.25- 65.25	12	22	0.15	0.28
63.25- 64.25	6	10	0.08	0.13
62.25- 63.25	2	4	0.03	0.05
61.25- 62.25	2	2	0.03	0.03

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
76.93	MEAN VALUE	30.29
0.05	SE(MEAN)	0.02
4.16	SD DEVIATION	1.64
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.16
KURTOSIS---VETA II = 3.09
COEF. OF VARIATION = 5.40

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
86.99	99TH	34.25
85.80	98TH	33.78
85.04	97TH	33.48
83.98	95TH	33.06
82.36	90TH	32.42
81.26	85TH	31.99
80.41	80TH	31.66
79.67	75TH	31.37
79.02	70TH	31.11
78.42	65TH	30.87
77.86	60TH	30.65
77.32	55TH	30.44
76.80	50TH	30.23
76.27	45TH	30.03
75.75	40TH	29.82
75.22	35TH	29.61
74.66	30TH	29.39
74.07	25TH	29.16
73.41	20TH	28.90
72.66	15TH	28.61
71.72	10TH	28.24
70.35	5TH	27.70
69.46	3RD	27.35
68.81	2RD	27.09
67.78	1ST	26.68

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

COAT LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
79.75- 80.25	2	7884	0.03	100.00
79.25- 79.75	0	7882	0.00	99.97
78.75- 79.25	3	7882	0.04	99.97
78.25- 78.75	8	7879	0.10	99.94
77.75- 78.25	7	7871	0.09	99.84
77.25- 77.75	5	7864	0.06	99.75
76.75- 77.25	13	7859	0.16	99.68
76.25- 76.75	30	7846	0.38	99.52
75.75- 76.25	36	7816	0.46	99.14
75.25- 75.75	55	7780	0.70	98.68
74.75- 75.25	57	7725	0.72	97.98
74.25- 74.75	75	7668	0.95	97.26
73.75- 74.25	131	7593	1.66	96.31
73.25- 73.75	157	7462	1.99	94.65
72.75- 73.25	182	7305	2.31	92.66
72.25- 72.75	245	7123	3.11	90.35
71.75- 72.25	268	6878	3.40	87.24
71.25- 71.75	321	6610	4.07	83.84
70.75- 71.25	371	6289	4.71	79.77
70.25- 70.75	458	5918	5.81	75.06
69.75- 70.25	395	5460	5.01	69.25
69.25- 69.75	525	5065	6.66	64.24
68.75- 69.25	463	4540	5.87	57.58
68.25- 68.75	503	4077	6.38	51.71
67.75- 68.25	487	3574	6.18	45.33
67.25- 67.75	489	3087	6.20	39.16
66.75- 67.25	427	2598	5.42	32.95
66.25- 66.75	401	2171	5.09	27.54
65.75- 66.25	322	1770	4.08	22.45
65.25- 65.75	345	1448	4.38	18.37
64.75- 65.25	249	1103	3.16	13.99
64.25- 64.75	242	854	3.07	10.83
63.75- 64.25	155	612	1.97	7.76
63.25- 63.75	116	457	1.47	5.80
62.75- 63.25	100	341	1.27	4.33
62.25- 62.75	77	241	0.98	3.06
61.75- 62.25	46	164	0.58	2.08
61.25- 61.75	33	118	0.42	1.50
60.75- 61.25	30	85	0.38	1.08
60.25- 60.75	25	55	0.32	0.70
59.75- 60.25	14	30	0.18	0.38
59.25- 59.75	8	16	0.10	0.20
58.75- 59.25	6	8	0.08	0.10
58.25- 58.75	0	2	0.00	0.03
57.75- 58.25	1	2	0.01	0.03
57.25- 57.75	0	1	0.00	0.01
56.75- 57.25	1	1	0.01	0.01

*IN CENTIMETERS

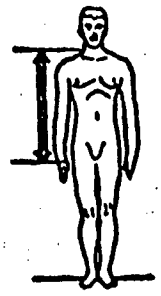
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
68.63	MEAN VALUE	27.02
0.04	SE(MEAN)	0.01
3.16	SD DEVIATION	1.24
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.03
KURTOSIS---VETA II = 2.99
COEF. OF VARIATION = 4.60

****



NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
76.10	99TH	29.96
75.22	98TH	29.61
74.65	97TH	29.39
73.89	95TH	29.09
72.71	90TH	28.62
71.91	85TH	28.31
71.29	80TH	28.07
70.75	75TH	27.85
70.27	70TH	27.66
69.83	65TH	27.49
69.41	60TH	27.33
69.01	55TH	27.17
68.62	50TH	27.01
68.22	45TH	26.86
67.82	40TH	26.70
67.41	35TH	26.54
66.98	30TH	26.37
66.52	25TH	26.19
65.99	20TH	25.98
65.39	15TH	25.74
64.62	10TH	25.44
63.46	5TH	24.99
62.70	3RD	24.68
62.12	2RD	24.46
61.20	1ST	24.09

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
HIP BREADTH-STANDING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
37.75- 38.25	3	7884	0.04	100.00
37.25- 37.75	5	7881	0.06	99.96
36.75- 37.25	12	7876	0.15	99.90
36.25- 36.75	24	7864	0.30	99.75
35.75- 36.25	49	7840	0.62	99.44
35.25- 35.75	115	7791	1.47	98.82
34.75- 35.25	185	7675	2.35	97.35
34.25- 34.75	300	7490	3.81	95.00
33.75- 34.25	429	7190	5.44	91.20
33.25- 33.75	705	6761	8.94	85.76
32.75- 33.25	816	6056	10.35	76.81
32.25- 32.75	1037	5240	13.15	66.46
31.75- 32.25	954	4203	12.10	53.31
31.25- 31.75	1019	3249	12.91	41.21
30.75- 31.25	906	2231	10.22	28.30
30.25- 30.75	624	1425	7.91	18.07
29.75- 30.25	367	801	4.65	10.16
29.25- 29.75	240	434	3.04	5.50
28.75- 29.25	105	194	1.33	2.46
28.25- 28.75	56	89	0.71	1.13
27.75- 28.25	17	33	0.22	0.42
27.25- 27.75	10	16	0.13	0.20
26.75- 27.25	3	6	0.04	0.08
26.25- 26.75	3	3	0.04	0.04

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
32.14	MEAN VALUE	12.66
0.02	SE(MEAN)	0.01
1.54	SD DEVIATION	0.60
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.14
KURTOSIS---VETA II = 3.12
COEF. OF VARIATION = 4.78

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
35.91	99TH	14.14
35.45	98TH	13.96
35.16	97TH	13.84
34.76	95TH	13.68
34.15	90TH	13.44
33.74	85TH	13.28
33.43	80TH	13.16
33.16	75TH	13.05
32.92	70TH	12.96
32.70	65TH	12.87
32.49	60TH	12.79
32.29	55TH	12.71
32.10	50TH	12.64
31.91	45TH	12.56
31.72	40TH	12.49
31.52	35TH	12.41
31.31	30TH	12.33
31.09	25TH	12.24
30.85	20TH	12.14
30.57	15TH	12.03
30.21	10TH	11.89
29.68	5TH	11.69
29.33	3RD	11.55
29.08	2RD	11.45
28.66	1ST	11.28

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CHEST BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
38.25- 38.75	1	7884	0.01	100.00
37.75- 38.25	0	7883	0.00	99.99
37.25- 37.75	1	7883	0.01	99.99
36.75- 37.25	4	7882	0.05	99.97
36.25- 36.75	1	7878	0.01	99.92
35.75- 36.25	10	7877	0.13	99.91
35.25- 35.75	17	7867	0.22	99.78
34.75- 35.25	7	7850	0.09	99.57
34.25- 34.75	31	7843	0.39	99.48
33.75- 34.25	35	7812	0.44	99.09
33.25- 33.75	50	7777	0.63	98.64
32.75- 33.25	108	7727	1.37	98.01
32.25- 32.75	148	7619	1.88	96.64
31.75- 32.25	212	7471	2.69	94.76
31.25- 31.75	357	7259	4.53	92.07
30.75- 31.25	517	6902	6.56	87.54
30.25- 30.75	718	6385	9.11	80.99
29.75- 30.25	765	5667	9.70	71.88
29.25- 29.75	997	4902	12.65	62.18
28.75- 29.25	897	3905	11.38	49.53
28.25- 28.75	970	3008	12.30	38.15
27.75- 28.25	668	2038	8.85	25.85
27.25- 27.75	573	1340	7.27	17.00
26.75- 27.25	326	767	4.13	9.73
26.25- 26.75	214	441	2.71	5.59
25.75- 26.25	123	227	1.56	2.88
25.25- 25.75	56	104	0.71	1.32
24.75- 25.25	28	48	0.36	0.61
24.25- 24.75	9	20	0.11	0.25
23.75- 24.25	7	11	0.09	0.14
23.25- 23.75	2	4	0.03	0.05
22.75- 23.25	0	2	0.00	0.03
22.25- 22.75	2	2	0.03	0.03

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
29.34	MEAN VALUE	11.55
0.02	SE(MEAN)	0.01
1.73	SD DEVIATION	0.68
0.01	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.39
KURTOSIS---VETA II = 3.89
COEF. OF VARIATION = 5.91

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
34.10	99TH	13.43
33.33	98TH	13.12
32.88	97TH	12.94
32.31	95TH	12.72
31.53	90TH	12.41
31.05	85TH	12.22
30.69	80TH	12.08
30.39	75TH	11.96
30.13	70TH	11.86
29.89	65TH	11.77
29.67	60TH	11.68
29.47	55TH	11.60
29.26	50TH	11.52
29.06	45TH	11.44
28.86	40TH	11.36
28.65	35TH	11.28
28.43	30TH	11.19
28.19	25TH	11.10
27.93	20TH	11.00
27.62	15TH	10.87
27.23	10TH	10.72
26.64	5TH	10.49
26.26	3PD	10.34
25.98	2PD	10.23
25.53	1ST	10.05

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CHEST DEPTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
29.25- 29.55	1	7884	0.01	100.00
28.95- 29.25	2	7883	0.03	99.99
28.65- 28.95	1	7881	0.01	99.96
28.35- 28.65	3	7880	0.04	99.95
28.05- 28.35	4	7877	0.05	99.91
27.75- 28.05	3	7873	0.04	99.86
27.45- 27.75	7	7870	0.09	99.82
27.15- 27.45	6	7863	0.08	99.73
26.85- 27.15	9	7857	0.11	99.66
26.55- 26.85	17	7848	0.22	99.54
26.25- 26.55	39	7831	0.49	99.33
25.95- 26.25	45	7792	0.57	98.83
25.65- 25.95	22	7747	0.28	98.26
25.35- 25.65	72	7725	0.91	97.98
25.05- 25.35	50	7653	0.63	97.07
24.75- 25.05	78	7603	0.99	96.44
24.45- 24.75	138	7525	1.75	95.45
24.15- 24.45	154	7387	1.95	93.70
23.85- 24.15	247	7233	3.13	91.74
23.55- 23.85	247	6986	3.07	88.61
23.25- 23.55	441	6744	5.59	85.54
22.95- 23.25	614	6303	7.79	79.95
22.65- 22.95	310	5689	3.93	72.16
22.35- 22.65	712	5379	9.03	68.23
22.05- 22.35	580	4667	7.36	59.20
21.75- 22.05	771	4087	9.78	51.84
21.45- 21.75	675	3316	8.56	42.06
21.15- 21.45	578	2641	7.33	33.50
20.85- 21.15	532	2063	6.75	26.17
20.55- 20.85	342	1531	4.34	19.42
20.25- 20.55	440	1189	5.58	15.08
19.95- 20.25	291	749	3.69	9.50
19.65- 19.95	110	458	1.40	5.81
19.35- 19.65	173	348	2.19	4.41
19.05- 19.35	76	175	0.96	2.22
18.75- 19.05	50	99	0.63	1.26
18.45- 18.75	19	49	0.24	0.62
18.15- 18.45	12	30	0.15	0.38
17.85- 18.15	10	18	0.13	0.23
17.55- 17.85	2	8	0.03	0.10
17.25- 17.55	2	6	0.03	0.08
16.95- 17.25	2	4	0.03	0.05
16.65- 16.95	1	2	0.01	0.03
16.35- 16.65	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
22.10	MEAN VALUE	8.70
0.02	SE(MEAN)	0.01
1.50	SD DEVIATION	0.59
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.46
KURTOSIS---VETA II = 3.85
COEF. OF VARIATION = 6.81

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

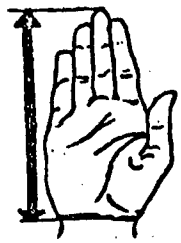
CENTIMETERS		INCHES
26.38	99TH	10.39
25.65	98TH	10.10
25.23	97TH	9.93
24.71	95TH	9.73
24.01	90TH	9.45
23.58	85TH	9.28
23.26	80TH	9.16
23.00	75TH	9.05
22.77	70TH	8.96
22.56	65TH	8.88
22.37	60TH	8.81
22.19	55TH	8.74
22.02	50TH	8.67
21.84	45TH	8.60
21.66	40TH	8.53
21.48	35TH	8.46
21.29	30TH	8.38
21.09	25TH	8.30
20.86	20TH	8.21
20.60	15TH	8.11
20.26	10TH	7.98
19.78	5TH	7.79
19.48	3RD	7.67
19.26	2RD	7.58
18.93	1ST	7.45

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
HAND LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
22.15- 22.35	1	7884	0.01	100.00
21.95- 22.15	2	7883	0.03	99.99
21.75- 21.95	0	7881	0.00	99.96
21.55- 21.75	5	7881	0.06	99.96
21.35- 21.55	12	7876	0.15	99.90
21.15- 21.35	5	7864	0.06	99.75
20.95- 21.15	16	7859	0.20	99.68
20.75- 20.95	51	7843	0.65	99.48
20.55- 20.75	45	7792	0.57	98.83
20.35- 20.55	72	7747	0.91	98.26
20.15- 20.35	157	7675	1.99	97.35
19.95- 20.15	255	7518	3.23	95.36
19.75- 19.95	268	7263	3.40	92.12
19.55- 19.75	344	6995	4.36	88.72
19.35- 19.55	384	6651	4.87	84.36
19.15- 19.35	708	6267	8.98	79.49
18.95- 19.15	609	5559	7.72	70.51
18.75- 18.95	739	4950	9.37	62.79
18.55- 18.75	611	4211	7.75	53.41
18.35- 18.55	724	3600	9.18	45.66
18.15- 18.35	741	2876	9.40	36.48
17.95- 18.15	611	2135	7.75	27.08
17.75- 17.95	483	1524	6.13	19.33
17.55- 17.75	309	1041	3.92	13.20
17.35- 17.55	251	732	3.18	9.28
17.15- 17.35	204	481	2.59	6.10
16.95- 17.15	130	277	1.65	3.51
16.75- 16.95	69	147	0.88	1.86
16.55- 16.75	39	78	0.49	0.99
16.35- 16.55	16	39	0.20	0.49
16.15- 16.35	15	23	0.19	0.29
15.95- 16.15	3	8	0.04	0.10
15.75- 15.95	2	5	0.03	0.06
15.55- 15.75	2	3	0.03	0.04
15.35- 15.55	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.68	MEAN VALUE	7.35
0.01	SE(MEAN)	0.00
0.86	SD DEVIATION	0.34
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.12
KURTOSIS---VETA II = 3.08
COEF. OF VARIATION = 4.63

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
20.78	99TH	8.18
20.51	98TH	8.08
20.34	97TH	8.01
20.12	95TH	7.92
19.79	90TH	7.79
19.57	85TH	7.70
19.40	80TH	7.64
19.25	75TH	7.58
19.12	70TH	7.53
19.00	65TH	7.48
18.88	60TH	7.43
18.77	55TH	7.39
18.67	50TH	7.35
18.56	45TH	7.31
18.45	40TH	7.26
18.34	35TH	7.22
18.22	30TH	7.17
18.09	25TH	7.12
17.95	20TH	7.07
17.79	15TH	7.00
17.58	10TH	6.92
17.28	5TH	6.80
17.09	3RD	6.73
16.96	2RD	6.68
16.75	1ST	6.60

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

PALM LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
12.55- 12.65	1	7884	0.01	100.00
12.45- 12.55	1	7883	0.01	99.99
12.35- 12.45	1	7882	0.01	99.97
12.25- 12.35	3	7881	0.04	99.96
12.15- 12.25	4	7878	0.05	99.92
12.05- 12.15	5	7874	0.06	99.87
11.95- 12.05	19	7869	0.24	99.81
11.85- 11.95	19	7850	0.24	99.57
11.75- 11.85	27	7831	0.34	99.33
11.65- 11.75	41	7804	0.52	98.99
11.55- 11.65	60	7763	0.76	98.47
11.45- 11.55	71	7703	0.90	97.70
11.35- 11.45	136	7632	1.73	96.80
11.25- 11.35	127	7496	1.61	95.08
11.15- 11.25	200	7369	2.54	93.47
11.05- 11.15	235	7169	2.98	90.93
10.95- 11.05	450	6934	5.71	87.95
10.85- 10.95	429	6484	5.44	82.24
10.75- 10.85	387	6055	4.91	76.80
10.65- 10.75	469	5668	5.95	71.89
10.55- 10.65	553	5199	7.01	65.94
10.45- 10.55	510	4646	6.47	58.93
10.35- 10.45	727	4136	9.22	52.46
10.25- 10.35	627	3409	7.95	43.24
10.15- 10.25	537	2782	6.81	35.29
10.05- 10.15	433	2245	5.49	28.48
9.95- 10.05	649	1812	8.23	22.98
9.85- 9.95	286	1163	3.63	14.75
9.75- 9.85	204	877	2.59	11.12
9.65- 9.75	186	673	2.36	8.54
9.55- 9.65	156	487	1.98	6.18
9.45- 9.55	128	331	1.62	4.20
9.35- 9.45	71	203	0.90	2.57
9.25- 9.35	44	132	0.55	1.67
9.15- 9.25	33	88	0.42	1.12
9.05- 9.15	26	55	0.33	0.70
8.95- 9.05	14	29	0.18	0.37
8.85- 8.95	7	15	0.09	0.19
8.75- 8.85	3	8	0.04	0.10
8.65- 8.75	2	5	0.03	0.06
8.55- 8.65	0	3	0.00	0.04
8.45- 8.55	2	3	0.03	0.04
8.35- 8.45	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
10.45	MEAN VALUE	4.12
0.01	SE(MEAN)	0.00
0.53	SD DEVIATION	0.21
0.00	SE(SD DEV)	0.00

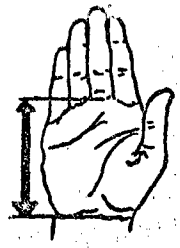
****

SYMMETRY---VETA I = 0.12
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 5.04

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
11.75	99TH	4.63
11.59	98TH	4.56
11.48	97TH	4.52
11.35	95TH	4.47
11.13	90TH	4.38
10.99	85TH	4.33
10.89	80TH	4.29
10.79	75TH	4.25
10.71	70TH	4.22
10.64	65TH	4.19
10.57	60TH	4.16
10.50	55TH	4.14
10.44	50TH	4.11
10.37	45TH	4.08
10.31	40TH	4.06
10.24	35TH	4.03
10.17	30TH	4.01
10.10	25TH	3.98
10.02	20TH	3.94
9.92	15TH	3.91
9.80	10TH	3.86
9.61	5TH	3.78
9.48	3RD	3.73
9.38	2RD	3.69
9.22	1ST	3.63

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HAND BREADTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
10.95-	10.95	1	7884	0.01	100.00
10.75-	10.85	0	7883	0.00	99.99
10.65-	10.75	0	7883	0.00	99.99
10.55-	10.65	0	7883	0.00	99.99
10.45-	10.55	0	7883	0.00	99.99
10.35-	10.45	0	7883	0.00	99.99
10.25-	10.35	2	7883	0.03	99.99
10.15-	10.25	2	7881	0.03	99.96
10.05-	10.15	1	7879	0.01	99.94
9.95-	10.05	11	7878	0.14	99.92
9.85-	9.95	25	7867	0.32	99.78
9.75-	9.85	34	7842	0.43	99.47
9.65-	9.75	54	7808	0.68	99.04
9.55-	9.65	82	7754	1.04	98.35
9.45-	9.55	140	7672	1.78	97.31
9.35-	9.45	226	7532	2.87	95.54
9.25-	9.35	297	7306	3.77	92.67
9.15-	9.25	393	7009	4.98	88.90
9.05-	9.15	483	6616	6.13	83.92
8.95-	9.05	881	6133	11.17	77.79
8.85-	8.95	703	5252	8.92	66.62
8.75-	8.85	537	4549	6.81	57.70
8.65-	8.75	726	4012	9.21	50.89
8.55-	8.65	711	3286	9.02	41.68
8.45-	8.55	633	2575	8.79	32.66
8.35-	8.45	542	1382	6.87	23.87
8.25-	8.35	441	1340	5.59	17.00
8.15-	8.25	323	899	4.10	11.40
8.05-	8.15	197	576	2.50	7.31
7.95-	8.05	156	379	1.98	4.81
7.85-	7.95	105	223	1.33	2.83
7.75-	7.85	55	118	0.70	1.50
7.65-	7.75	38	63	0.48	0.80
7.55-	7.65	11	25	0.14	0.32
7.45-	7.55	5	14	0.06	0.18
7.35-	7.45	5	9	0.06	0.11
7.25-	7.35	1	4	0.01	0.05
7.15-	7.25	1	3	0.01	0.04
7.05-	7.15	1	2	0.01	0.03
6.95-	7.05	0	1	0.00	0.01
6.85-	6.95	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
8.75	MEAN VALUE	3.44
0.00	SE(MEAN)	0.00
0.42	SD DEVIATION	0.16
0.00	SE(SD DEV)	0.00

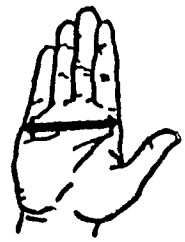
****

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 3.10
COEF. OF VARIATION = 4.78

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
9.74	99TH	3.84
9.61	98TH	3.79
9.54	97TH	3.75
9.43	95TH	3.71
9.28	90TH	3.65
9.18	85TH	3.61
9.10	80TH	3.58
9.03	75TH	3.55
8.97	70TH	3.53
8.91	65TH	3.51
8.85	60TH	3.49
8.80	55TH	3.47
8.75	50TH	3.44
8.70	45TH	3.42
8.64	40TH	3.40
8.59	35TH	3.38
8.53	30TH	3.36
8.47	25TH	3.33
8.39	20TH	3.30
8.31	15TH	3.27
8.21	10TH	3.23
8.05	5TH	3.17
7.96	3RD	3.13
7.89	2RD	3.11
7.78	1ST	3.06

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

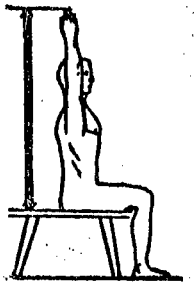
****

ARM REACH-UPWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
155.25-156.25	1	7884	0.01	100.00
154.25-155.25	0	7883	0.00	99.99
153.25-154.25	2	7883	0.03	99.99
152.25-153.25	4	7881	0.05	99.96
151.25-152.25	3	7877	0.04	99.91
150.25-151.25	10	7874	0.13	99.87
149.25-150.25	17	7864	0.22	99.75
148.25-149.25	23	7847	0.29	99.53
147.25-148.25	49	7824	0.62	99.24
146.25-147.25	52	7775	0.66	98.62
145.25-146.25	79	7723	1.00	97.96
144.25-145.25	141	7644	1.79	96.96
143.25-144.25	168	7503	2.13	95.17
142.25-143.25	256	7335	3.25	93.04
141.25-142.25	352	7079	4.46	89.79
140.25-141.25	408	6727	5.18	85.32
139.25-140.25	427	6319	5.42	80.15
138.25-139.25	536	5892	6.80	74.73
137.25-138.25	584	5356	7.41	67.94
136.25-137.25	606	4772	7.69	60.53
135.25-136.25	665	4166	8.43	52.84
134.25-135.25	637	3501	8.08	44.41
133.25-134.25	529	2864	6.71	36.33
132.25-133.25	574	2335	7.28	29.62
131.25-132.25	441	1761	5.59	22.34
130.25-131.25	345	1320	4.38	16.74
129.25-130.25	279	975	3.54	12.37
128.25-129.25	229	696	2.90	8.83
127.25-128.25	166	467	2.11	5.92
126.25-127.25	106	301	1.34	3.82
125.25-126.25	77	195	0.98	2.47
124.25-125.25	51	118	0.65	1.50
123.25-124.25	37	67	0.47	0.85
122.25-123.25	12	30	0.15	0.38
121.25-122.25	9	18	0.11	0.23
120.25-121.25	5	9	0.06	0.11
119.25-120.25	2	4	0.03	0.05
118.25-119.25	1	2	0.01	0.03
117.25-118.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
135.97	MEAN VALUE	53.53
0.06	SE(MEAN)	0.02
4.96	SD DEVIATION	1.95
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.05
KURTOSIS---VETA II = 3.02
COEF. OF VARIATION = 3.65

****

NUMBER OF SUBJECTS = 7884.

****

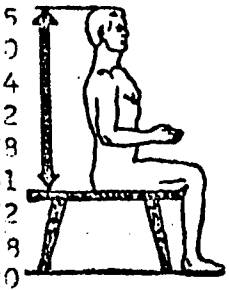
THE PERCENTILES

CENTIMETERS		INCHES
147.80	99TH	58.19
146.33	98TH	57.61
145.41	97TH	57.25
144.18	95TH	56.76
142.33	90TH	56.03
141.09	85TH	55.55
140.13	80TH	55.17
139.29	75TH	54.84
138.55	70TH	54.55
137.86	65TH	54.28
137.21	60TH	54.02
136.58	55TH	53.77
135.96	50TH	53.53
135.33	45TH	53.28
134.70	40TH	53.03
134.05	35TH	52.78
133.36	30TH	52.50
132.62	25TH	52.21
131.78	20TH	51.88
130.82	15TH	51.50
129.59	10TH	51.02
127.79	5TH	50.31
126.64	3RD	49.86
125.79	2RD	49.52
124.48	1ST	49.01

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SITTING HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
100.25-101.25	1	7884	0.01	100.00
99.25-100.25	1	7883	0.01	99.99
98.25- 99.25	2	7882	0.03	99.97
97.25- 98.25	12	7880	0.15	99.95
96.25- 97.25	20	7868	0.25	99.80
95.25- 96.25	49	7848	0.62	99.54
94.25- 95.25	90	7799	1.14	98.92
93.25- 94.25	179	7709	2.27	97.78
92.25- 93.25	299	7530	3.79	95.51
91.25- 92.25	421	7231	5.34	91.72
90.25- 91.25	645	6810	8.18	86.38
89.25- 90.25	737	6165	10.11	78.20
88.25- 89.25	851	5368	10.79	68.09
87.25- 88.25	931	4517	11.81	57.29
86.25- 87.25	940	3586	11.92	45.48
85.25- 86.25	846	2646	10.73	33.56
84.25- 85.25	638	1800	8.09	22.83
83.25- 84.25	498	1162	6.32	14.74
82.25- 83.25	308	664	3.91	8.42
81.25- 82.25	181	356	2.30	4.52
80.25- 81.25	89	175	1.13	2.22
79.25- 80.25	51	86	0.65	1.09
78.25- 79.25	26	35	0.33	0.44
77.25- 78.25	4	9	0.05	0.11
76.25- 77.25	4	5	0.05	0.06
75.25- 76.25	0	1	0.00	0.01
74.25- 75.25	1	1	0.01	0.01



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
87.69	MEAN VALUE	34.52
0.04	SE(MEAN)	0.01
3.25	SD DEVIATION	1.28
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.04
KURTOSIS---VETA II = 2.96
COEF. OF VARIATION = 3.71

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
95.34	99TH	37.53
94.48	98TH	37.20
93.92	97TH	36.97
93.14	95TH	36.67
91.93	90TH	36.19
91.11	85TH	35.87
90.46	80TH	35.61
89.89	75TH	35.39
89.39	70TH	35.19
88.93	65TH	35.01
88.49	60TH	34.84
88.07	55TH	34.67
87.65	50TH	34.51
87.23	45TH	34.34
86.82	40TH	34.18
86.39	35TH	34.01
85.94	30TH	33.83
85.45	25TH	33.64
84.91	20TH	33.43
84.29	15TH	33.19
83.50	10TH	32.87
82.34	5TH	32.42
81.59	3RD	32.12
81.03	2RD	31.90
80.14	1ST	31.55

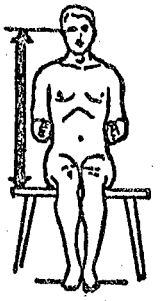
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

EYE HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
87.25- 88.25	3	7884	0.04	100.00
86.25- 87.25	5	7881	0.06	99.96
85.25- 86.25	14	7876	0.18	99.90
84.25- 85.25	46	7862	0.58	99.72
83.25- 84.25	87	7816	1.10	99.14
82.25- 83.25	157	7729	1.99	98.03
81.25- 82.25	247	7572	3.13	96.04
80.25- 81.25	416	7325	5.28	92.91
79.25- 80.25	631	6909	8.00	87.63
78.25- 79.25	767	6278	9.73	79.63
77.25- 78.25	992	5511	11.31	69.90
76.25- 77.25	914	4619	11.59	58.59
75.25- 76.25	942	3705	11.95	46.99
74.25- 75.25	834	2763	10.58	35.05
73.25- 74.25	712	1929	9.03	24.47
72.25- 73.25	498	1217	6.32	15.44
71.25- 72.25	306	719	3.88	9.12
70.25- 71.25	214	413	2.71	5.24
69.25- 70.25	112	199	1.42	2.52
68.25- 69.25	52	87	0.66	1.10
67.25- 68.25	20	35	0.25	0.44
66.25- 67.25	9	15	0.11	0.19
65.25- 66.25	4	6	0.05	0.08
64.25- 65.25	0	2	0.00	0.03
63.25- 64.25	1	2	0.01	0.03
62.25- 63.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
76.52	MEAN VALUE	30.13
0.04	SE(MEAN)	0.01
3.24	SD DEVIATION	1.27
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 2.94
COEF. OF VARIATION = 4.23

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
84.13	99TH	33.12
83.25	98TH	32.78
82.69	97TH	32.55
81.92	95TH	32.25
80.74	90TH	31.79
79.93	85TH	31.47
79.30	80TH	31.22
78.74	75TH	31.00
78.25	70TH	30.81
77.79	65TH	30.63
77.36	60TH	30.46
76.94	55TH	30.29
76.52	50TH	30.13
76.11	45TH	29.96
75.69	40TH	29.80
75.26	35TH	29.63
74.80	30TH	29.45
74.31	25TH	29.26
73.76	20TH	29.04
73.13	15TH	28.79
72.34	10TH	28.48
71.18	5TH	28.02
70.44	3RD	27.73
69.90	2RD	27.52
69.07	1ST	27.19

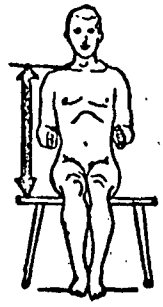
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

MID-SHOULDER HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
69.75- 70.25	1	7884	0.01	100.00
69.25- 69.75	4	7883	0.05	99.99
68.75- 69.25	6	7879	0.08	99.94
68.25- 68.75	10	7873	0.13	99.86
67.75- 68.25	16	7863	0.20	99.73
67.25- 67.75	27	7847	0.34	99.53
66.75- 67.25	38	7820	0.49	99.19
66.25- 66.75	61	7781	0.77	98.69
65.75- 66.25	75	7720	0.95	97.92
65.25- 65.75	128	7645	1.62	96.97
64.75- 65.25	149	7517	1.88	95.35
64.25- 64.75	221	7369	2.80	93.47
63.75- 64.25	306	7148	3.88	90.66
63.25- 63.75	295	6842	3.74	86.78
62.75- 63.25	432	6547	5.48	83.04
62.25- 62.75	428	6115	5.43	77.56
61.75- 62.25	512	5687	6.49	72.13
61.25- 61.75	495	5175	6.28	65.64
60.75- 61.25	555	4680	7.04	59.36
60.25- 60.75	606	4125	7.69	52.32
59.75- 60.25	578	3519	7.33	44.63
59.25- 59.75	517	2941	6.56	37.30
58.75- 59.25	521	2424	6.61	30.75
58.25- 58.75	403	1903	5.11	24.14
57.75- 58.25	368	1500	4.67	19.03
57.25- 57.75	303	1132	3.84	14.36
56.75- 57.25	258	829	3.27	10.51
56.25- 56.75	160	571	2.03	7.24
55.75- 56.25	154	411	1.95	5.21
55.25- 55.75	82	257	1.04	3.26
54.75- 55.25	65	175	0.82	2.22
54.25- 54.75	43	110	0.55	1.40
53.75- 54.25	33	67	0.42	0.85
53.25- 53.75	12	34	0.15	0.43
52.75- 53.25	10	22	0.13	0.28
52.25- 52.75	4	12	0.05	0.15
51.75- 52.25	3	8	0.04	0.10
51.25- 51.75	2	5	0.03	0.06
50.75- 51.25	1	3	0.01	0.04
50.25- 50.75	0	2	0.00	0.03
49.75- 50.25	1	2	0.01	0.03
49.25- 49.75	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
60.64	MEAN VALUE	23.88
0.03	SE(MEAN)	0.01
2.72	SD DEVIATION	1.07
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.03
KURTOSIS---VETA II = 2.98
COEF. OF VARIATION = 4.48

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
67.03	99TH	26.39
66.30	98TH	26.10
65.82	97TH	25.91
65.17	95TH	25.66
64.17	90TH	25.26
63.49	85TH	24.99
62.95	80TH	24.78
62.48	75TH	24.60
62.07	70TH	24.44
61.68	65TH	24.28
61.32	60TH	24.14
60.97	55TH	24.00
60.63	50TH	23.87
60.28	45TH	23.73
59.94	40TH	23.60
59.58	35TH	23.46
59.20	30TH	23.31
58.80	25TH	23.15
58.35	20TH	22.97
57.83	15TH	22.77
57.17	10TH	22.51
56.21	5TH	22.13
55.58	3RD	21.88
55.12	2RD	21.70
54.40	1ST	21.42

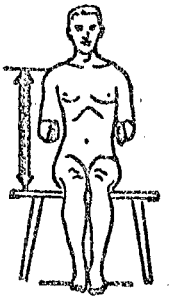
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER (ACROMION) HEIGHT SITTING

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
67.25-	67.75	2	7884	0.03	100.00
66.75-	67.25	6	7882	0.08	99.97
66.25-	66.75	10	7876	0.13	99.90
65.75-	66.25	13	7866	0.16	99.77
65.25-	65.75	20	7853	0.25	99.61
64.75-	65.25	25	7833	0.32	99.35
64.25-	64.75	32	7809	0.41	99.04
63.75-	64.25	61	7776	0.77	98.63
63.25-	63.75	87	7715	1.10	97.86
62.75-	63.25	123	7628	1.56	96.75
62.25-	62.75	164	7505	2.08	95.19
61.75-	62.25	235	7341	2.98	93.11
61.25-	61.75	221	7106	2.80	90.13
60.75-	61.25	292	6885	3.70	87.33
60.25-	60.75	325	6593	4.12	83.63
59.75-	60.25	440	6268	5.58	79.50
59.25-	59.75	430	5828	5.45	73.92
58.75-	59.25	508	5399	6.44	68.47
58.25-	58.75	503	4890	6.38	62.02
57.75-	58.25	543	4387	6.89	55.64
57.25-	57.75	570	3844	7.23	48.76
56.75-	57.25	582	3274	7.38	41.53
56.25-	56.75	495	2692	6.28	34.15
55.75-	56.25	458	2197	5.81	27.87
55.25-	55.75	360	1739	4.57	22.06
54.75-	55.25	339	1379	4.30	17.49
54.25-	54.75	254	1040	3.22	13.19
53.75-	54.25	223	786	2.83	9.97
53.25-	53.75	158	563	2.00	7.14
52.75-	53.25	139	405	1.76	5.14
52.25-	52.75	106	266	1.34	3.37
51.75-	52.25	70	160	0.89	2.03
51.25-	51.75	37	90	0.47	1.14
50.75-	51.25	21	53	0.27	0.67
50.25-	50.75	8	32	0.10	0.41
49.75-	50.25	9	24	0.11	0.30
49.25-	49.75	5	15	0.06	0.19
48.75-	49.25	5	10	0.06	0.13
48.25-	48.75	1	5	0.01	0.06
47.75-	48.25	3	4	0.03	0.05
47.25-	47.75	0	2	0.00	0.03
46.75-	47.25	0	2	0.00	0.03
46.25-	46.75	2	2	0.03	0.03

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
57.92	MEAN VALUE	22.80
0.03	SE(MEAN)	0.01
2.86	SD DEVIATION	1.12
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.07
KURTOSIS---VETA II = 2.97
COEF. OF VARIATION = 4.93

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
64.69	99TH	25.47
63.89	98TH	25.15
63.38	97TH	24.95
62.69	95TH	24.68
61.63	90TH	24.26
60.91	85TH	23.98
60.34	80TH	23.76
59.85	75TH	23.56
59.41	70TH	23.39
59.00	65TH	23.23
58.62	60TH	23.08
58.25	55TH	22.93
57.88	50TH	22.79
57.52	45TH	22.65
57.15	40TH	22.50
56.77	35TH	22.35
56.38	30TH	22.20
55.95	25TH	22.03
55.47	20TH	21.84
54.93	15TH	21.63
54.25	10TH	21.36
53.28	5TH	20.98
52.67	3RD	20.73
52.23	2RD	20.56
51.56	1ST	20.30

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

KNEE HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
60.75- 61.25	1	7884	0.01	100.00
60.25- 60.75	0	7883	0.00	99.99
59.75- 60.25	2	7883	0.03	99.99
59.25- 59.75	4	7881	0.05	99.96
58.75- 59.25	3	7877	0.04	99.91
58.25- 58.75	6	7874	0.08	99.87
57.75- 58.25	16	7868	0.20	99.80
57.25- 57.75	17	7852	0.22	99.59
56.75- 57.25	41	7835	0.52	99.38
56.25- 56.75	59	7794	0.75	98.86
55.75- 56.25	107	7735	1.36	98.11
55.25- 55.75	132	7628	1.67	96.75
54.75- 55.25	190	7496	2.41	95.08
54.25- 54.75	233	7306	2.96	92.67
53.75- 54.25	389	7073	4.93	89.71
53.25- 53.75	447	6684	5.67	84.78
52.75- 53.25	564	6237	7.15	79.11
52.25- 52.75	590	5673	7.48	71.96
51.75- 52.25	732	5083	9.28	64.47
51.25- 51.75	706	4351	8.95	55.19
50.75- 51.25	685	3645	8.69	46.23
50.25- 50.75	612	2960	7.76	37.54
49.75- 50.25	649	2348	8.22	29.78
49.25- 49.75	487	1700	6.18	21.56
48.75- 49.25	386	1213	4.90	15.39
48.25- 48.75	230	827	2.92	10.49
47.75- 48.25	237	597	3.01	7.57
47.25- 47.75	150	360	1.90	4.57
46.75- 47.25	90	210	1.14	2.66
46.25- 46.75	47	120	0.60	1.52
45.75- 46.25	32	73	0.41	0.93
45.25- 45.75	18	41	0.23	0.52
44.75- 45.25	17	23	0.22	0.29
44.25- 44.75	6	6	0.08	0.08

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
51.47	MEAN VALUE	20.26
0.03	SE(MEAN)	0.01
2.24	SD DEVIATION	0.88
0.02	SE(SD DEV)	0.01

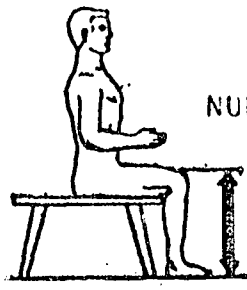
****

SYMMETRY---VETA I = 0.10
KURTOSIS---VETA II = 3.12
COEF. OF VARIATION = 4.34

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
56.90	99TH	22.40
56.22	98TH	22.13
55.79	97TH	21.97
55.22	95TH	21.74
54.35	90TH	21.40
53.78	85TH	21.17
53.33	80TH	21.00
52.95	75TH	20.85
52.61	70TH	20.71
52.30	65TH	20.59
52.00	60TH	20.47
51.72	55TH	20.36
51.44	50TH	20.25
51.17	45TH	20.14
50.89	40TH	20.03
50.60	35TH	19.92
50.30	30TH	19.80
49.97	25TH	19.67
49.61	20TH	19.53
49.19	15TH	19.37
48.65	10TH	19.16
47.86	5TH	18.84
47.33	3RD	18.63
46.94	2RD	18.48
46.32	1ST	18.24

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

POPLITEAL HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
47.75-	49.25	1	7884	0.01	100.00
47.25-	47.75	2	7883	0.03	99.99
46.75-	47.25	2	7881	0.03	99.96
46.25-	46.75	9	7879	0.10	99.94
45.75-	46.25	9	7871	0.11	99.84
45.25-	45.75	12	7862	0.15	99.72
44.75-	45.25	26	7850	0.33	99.57
44.25-	44.75	53	7824	0.67	99.24
43.75-	44.25	97	7771	1.23	98.57
43.25-	43.75	157	7674	1.99	97.34
42.75-	43.25	230	7517	2.92	95.35
42.25-	42.75	292	7287	3.70	92.43
41.75-	42.25	522	6995	6.62	88.72
41.25-	41.75	597	6473	7.57	82.10
40.75-	41.25	834	5876	10.58	74.53
40.25-	40.75	797	5042	10.11	63.95
39.75-	40.25	960	4245	12.18	53.84
39.25-	39.75	821	3285	10.41	41.67
38.75-	39.25	783	2464	9.93	31.25
38.25-	38.75	552	1681	7.00	21.32
37.75-	38.25	438	1129	5.56	14.32
37.25-	37.75	275	691	3.49	8.76
36.75-	37.25	202	416	2.56	5.28
36.25-	36.75	100	214	1.27	2.71
35.75-	36.25	63	114	0.80	1.45
35.25-	35.75	24	51	0.30	0.65
34.75-	35.25	12	27	0.15	0.34
34.25-	34.75	11	15	0.14	0.19
33.75-	34.25	3	4	0.04	0.05
33.25-	33.75	0	1	0.00	0.01
32.75-	33.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
40.13	MEAN VALUE	15.80
0.02	SE(MEAN)	0.01
1.80	SD DEVIATION	0.71
0.01	SE(SD DEV)	0.01

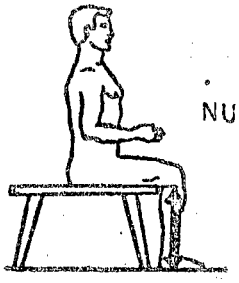
****

SYMMETRY---VETA I = 0.13
KURTOSIS---VETA II = 3.29
COEF. OF VARIATION = 4.48

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
44.59	99TH	17.56
44.01	98TH	17.33
43.65	97TH	17.18
43.16	95TH	16.99
42.45	90TH	16.71
41.98	85TH	16.53
41.62	80TH	16.38
41.31	75TH	16.26
41.03	70TH	16.15
40.78	65TH	16.06
40.55	60TH	15.96
40.32	55TH	15.87
40.10	50TH	15.79
39.88	45TH	15.70
39.66	40TH	15.61
39.43	35TH	15.52
39.19	30TH	15.43
38.93	25TH	15.33
38.64	20TH	15.21
38.30	15TH	15.08
37.87	10TH	14.91
37.22	5TH	14.65
36.80	3RD	14.49
36.48	2RD	14.36
35.96	1ST	14.16

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

****

ARM REACH-FORWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
97.25- 98.25	1	7882	0.01	100.00
96.25- 97.25	2	7881	0.03	99.99
95.25- 96.25	16	7879	0.20	99.96
94.25- 95.25	27	7863	0.34	99.76
93.25- 94.25	38	7836	0.48	99.42
92.25- 93.25	84	7798	1.07	98.93
91.25- 92.25	135	7714	1.71	97.87
90.25- 91.25	206	7579	2.61	96.16
89.25- 90.25	309	7373	3.92	93.54
88.25- 89.25	433	7064	5.49	89.62
87.25- 88.25	636	6631	8.07	84.13
86.25- 87.25	752	5995	9.54	76.06
85.25- 86.25	792	5243	10.05	66.52
84.25- 85.25	856	4451	10.86	56.47
83.25- 84.25	886	3595	11.24	45.61
82.25- 83.25	743	2709	9.43	34.37
81.25- 82.25	670	1966	8.50	24.69
80.25- 81.25	482	1276	6.12	16.19
79.25- 80.25	304	794	3.86	10.07
78.25- 79.25	214	490	2.72	6.22
77.25- 78.25	122	276	1.55	3.50
76.25- 77.25	84	154	1.07	1.95
75.25- 76.25	39	70	0.49	0.89
74.25- 75.25	17	31	0.22	0.39
73.25- 74.25	9	14	0.10	0.18
72.25- 73.25	3	6	0.04	0.08
71.25- 72.25	2	3	0.03	0.04
70.25- 71.25	1	1	0.01	0.01

*IN CENTIMETERS

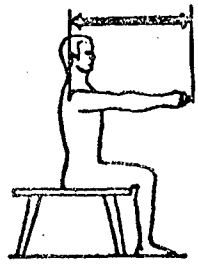
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
84.72	MEAN VALUE	33.35
0.04	SE(MEAN)	0.02
3.60	SD DEVIATION	1.42
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 3.08
COEF. OF VARIATION = 4.25

****



NUMBER OF SUBJECTS = 7882.

****

THE PERCENTILES

CENTIMETERS		INCHES
93.42	99TH	36.78
92.36	98TH	36.36
91.69	97TH	36.10
90.78	95TH	35.74
89.39	90TH	35.19
88.47	85TH	34.83
87.74	80TH	34.54
87.12	75TH	34.30
86.57	70TH	34.09
86.06	65TH	33.88
85.59	60TH	33.70
85.13	55TH	33.51
84.68	50TH	33.34
84.23	45TH	33.16
83.77	40TH	32.98
83.31	35TH	32.80
82.82	30TH	32.60
82.29	25TH	32.40
81.69	20TH	32.16
81.01	15TH	31.89
80.14	10TH	31.55
78.84	5TH	31.04
77.98	3RD	30.70
77.33	2RD	30.45
76.30	1ST	30.04

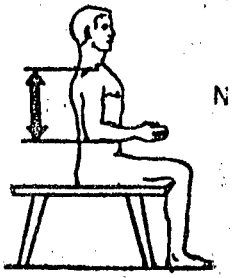
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER-ELBOW LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
41.55- 41.85	1	7883	0.01	100.00
41.25- 41.55	1	7882	0.01	99.99
40.95- 41.25	2	7881	0.03	99.97
40.65- 40.95	5	7879	0.06	99.95
40.35- 40.65	8	7874	0.10	99.89
40.05- 40.35	5	7866	0.06	99.78
39.75- 40.05	15	7861	0.19	99.72
39.45- 39.75	33	7846	0.42	99.53
39.15- 39.45	49	7813	0.62	99.11
38.85- 39.15	75	7764	0.95	98.49
38.55- 38.85	46	7689	0.58	97.54
38.25- 38.55	173	7643	2.19	96.96
37.95- 38.25	185	7470	2.35	94.76
37.65- 37.95	74	7285	0.94	92.41
37.35- 37.65	321	7211	4.07	91.48
37.05- 37.35	310	6890	3.93	87.40
36.75- 37.05	387	6580	4.91	83.47
36.45- 36.75	474	6193	6.01	78.56
36.15- 36.45	558	5719	7.08	72.55
35.85- 36.15	546	5161	6.93	65.47
35.55- 35.85	410	4615	5.20	58.54
35.25- 35.55	847	4205	10.74	53.34
34.95- 35.25	674	3358	8.55	42.60
34.65- 34.95	220	2684	2.79	34.05
34.35- 34.65	656	2464	8.32	31.26
34.05- 34.35	337	1808	4.28	22.94
33.75- 34.05	399	1471	5.06	18.66
33.45- 33.75	313	1072	3.97	13.60
33.15- 33.45	214	759	2.71	9.63
32.85- 33.15	180	545	2.29	6.91
32.55- 32.85	84	365	1.07	4.63
32.25- 32.55	115	281	1.46	3.56
31.95- 32.25	67	166	0.85	2.11
31.65- 31.95	22	99	0.28	1.26
31.35- 31.65	34	77	0.43	0.98
31.05- 31.35	19	43	0.24	0.55
30.75- 31.05	10	24	0.13	0.30
30.45- 30.75	5	14	0.06	0.18
30.15- 30.45	5	9	0.06	0.11
29.85- 30.15	2	4	0.03	0.05
29.55- 29.85	0	2	0.00	0.03
29.25- 29.55	2	2	0.03	0.03

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
35.51	MEAN VALUE	13.98
0.02	SE(MEAN)	0.01
1.62	SD DEVIATION	0.64
0.01	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.05
KURTOSIS---VETA II = 3.10
COEF. OF VARIATION = 4.56

****

NUMBER OF SUBJECTS = 7883.

****

THE PERCENTILES

CENTIMETERS		INCHES
39.42	99TH	15.52
38.93	98TH	15.33
38.63	97TH	15.21
38.21	95TH	15.05
37.59	90TH	14.80
37.18	85TH	14.64
36.85	80TH	14.51
36.58	75TH	14.40
36.33	70TH	14.30
36.11	65TH	14.22
35.90	60TH	14.13
35.69	55TH	14.05
35.49	50TH	13.97
35.30	45TH	13.90
35.10	40TH	13.82
34.89	35TH	13.74
34.67	30TH	13.65
34.43	25TH	13.56
34.17	20TH	13.45
33.86	15TH	13.33
33.47	10TH	13.18
32.87	5TH	12.94
32.47	3RD	12.79
32.17	2RD	12.67
31.69	1ST	12.47

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOREARM HAND LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
53.75- 54.25	1	7883	0.01	100.00
53.25- 53.75	2	7882	0.03	99.99
52.75- 53.25	2	7880	0.03	99.96
52.25- 52.75	6	7878	0.08	99.94
51.75- 52.25	13	7872	0.16	99.86
51.25- 51.75	20	7859	0.25	99.70
50.75- 51.25	42	7839	0.53	99.44
50.25- 50.75	72	7797	0.91	98.91
49.75- 50.25	99	7725	1.26	98.00
49.25- 49.75	195	7626	2.47	96.74
48.75- 49.25	215	7431	2.73	94.27
48.25- 48.75	379	7216	4.81	91.54
47.75- 48.25	431	6837	5.47	86.73
47.25- 47.75	669	6406	8.49	81.26
46.75- 47.25	641	5737	8.13	72.78
46.25- 46.75	869	5096	11.02	64.65
45.75- 46.25	669	4227	8.49	53.62
45.25- 45.75	926	3558	11.75	45.14
44.75- 45.25	621	2632	7.88	33.39
44.25- 44.75	656	2011	8.32	25.51
43.75- 44.25	409	1355	5.19	17.19
43.25- 43.75	350	946	4.44	12.00
42.75- 43.25	212	596	2.69	7.56
42.25- 42.75	189	384	2.40	4.87
41.75- 42.25	89	195	1.13	2.47
41.25- 41.75	55	106	0.70	1.34
40.75- 41.25	26	51	0.33	0.65
40.25- 40.75	20	25	0.25	0.32
39.75- 40.25	2	5	0.03	0.06
39.25- 39.75	1	3	0.01	0.04
38.75- 39.25	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
46.05	MEAN VALUE	18.13
0.02	SE(MEAN)	0.01
1.97	SD DEVIATION	0.78
0.02	SE(SD DEV)	0.01

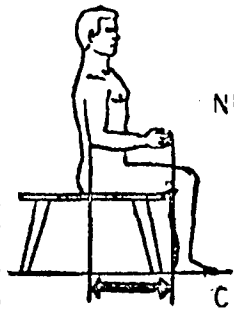
****

SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 3.09
COEF. OF VARIATION = 4.28

****

NUMBER OF SUBJECTS = 7883.

****



THE PERCENTILES

CENTIMETERS		INCHES
50.85	99TH	20.02
50.24	98TH	19.78
49.86	97TH	19.63
49.36	95TH	19.43
48.60	90TH	19.13
48.10	85TH	18.94
47.71	80TH	18.78
47.37	75TH	18.65
47.07	70TH	18.53
46.80	65TH	18.42
46.54	60TH	18.32
46.29	55TH	18.22
46.04	50TH	18.13
45.79	45TH	18.03
45.54	40TH	17.93
45.29	35TH	17.83
45.02	30TH	17.72
44.72	25TH	17.61
44.39	20TH	17.48
44.01	15TH	17.33
43.53	10TH	17.14
42.82	5TH	16.86
42.36	3RD	16.68
42.03	2ND	16.55
41.50	1ST	16.34

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SHOULDER BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
54.25- 54.75	1	7883	0.01	100.00
53.75- 54.25	0	7882	0.00	99.99
53.25- 53.75	1	7882	0.01	99.99
52.75- 53.25	0	7881	0.00	99.97
52.25- 52.75	0	7881	0.00	99.97
51.75- 52.25	1	7881	0.01	99.97
51.25- 51.75	5	7880	0.06	99.96
50.75- 51.25	4	7875	0.05	99.90
50.25- 50.75	7	7871	0.09	99.85
49.75- 50.25	10	7864	0.13	99.76
49.25- 49.75	21	7854	0.27	99.63
48.75- 49.25	18	7833	0.23	99.37
48.25- 48.75	29	7815	0.37	99.14
47.75- 48.25	28	7786	0.36	98.77
47.25- 47.75	54	7758	0.69	98.41
46.75- 47.25	69	7704	0.88	97.73
46.25- 46.75	137	7635	1.74	96.85
45.75- 46.25	107	7498	1.36	95.12
45.25- 45.75	247	7391	3.13	93.76
44.75- 45.25	188	7144	2.38	90.63
44.25- 44.75	442	6956	5.61	88.24
43.75- 44.25	407	6514	5.16	82.63
43.25- 43.75	660	6107	8.37	77.47
42.75- 43.25	559	5447	7.09	69.10
42.25- 42.75	744	4888	9.44	62.01
41.75- 42.25	672	4144	8.52	52.57
41.25- 41.75	869	3472	11.02	44.04
40.75- 41.25	584	2603	7.41	33.02
40.25- 40.75	678	2019	8.60	25.61
39.75- 40.25	346	1341	4.39	17.01
39.25- 39.75	388	995	4.92	12.62
38.75- 39.25	198	607	2.51	7.70
38.25- 38.75	185	409	2.35	5.19
37.75- 38.25	79	224	1.00	2.84
37.25- 37.75	85	145	1.08	1.84
36.75- 37.25	27	60	0.34	0.76
36.25- 36.75	13	33	0.16	0.42
35.75- 36.25	8	20	0.10	0.25
35.25- 35.75	7	12	0.09	0.15
34.75- 35.25	1	5	0.01	0.06
34.25- 34.75	1	4	0.01	0.05
33.75- 34.25	3	3	0.04	0.04

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
42.23	MEAN VALUE	16.63
0.03	SE(MEAN)	0.01
2.26	SD DEVIATION	0.89
0.02	SE(SD DEV)	0.01

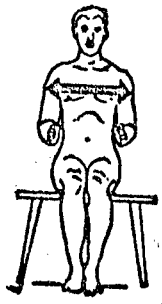
****

SYMMETRY---VETA I = 0.41
KURTOSIS---VETA II = 3.82
COEF. OF VARIATION = 5.35

****

NUMBER OF SUBJECTS = 7883.

****



THE PERCENTILES

CENTIMETERS		INCHES
48.52	99TH	19.10
47.49	98TH	18.70
46.90	97TH	18.46
46.15	95TH	18.17
45.11	90TH	17.76
44.47	85TH	17.51
43.99	80TH	17.32
43.60	75TH	17.16
43.26	70TH	17.03
42.95	65TH	16.91
42.66	60TH	16.80
42.39	55TH	16.69
42.12	50TH	16.58
41.86	45TH	16.48
41.59	40TH	16.38
41.32	35TH	16.27
41.04	30TH	16.16
40.73	25TH	16.04
40.39	20TH	15.90
39.99	15TH	15.74
39.48	10TH	15.54
38.73	5TH	15.25
38.25	3RD	15.06
37.89	2RD	14.92
37.34	1ST	14.70

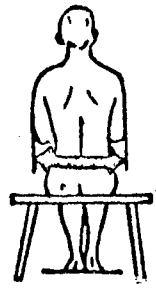
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ELBOW-TO-ELBOW BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
59.25- 60.25	1	7881	0.01	100.00
58.25- 59.25	1	7880	0.01	99.99
57.25- 58.25	2	7879	0.04	99.97
56.25- 57.25	3	7876	0.04	99.94
55.25- 56.25	2	7873	0.03	99.90
54.25- 55.25	6	7871	0.08	99.87
53.25- 54.25	17	7865	0.22	99.80
52.25- 53.25	19	7848	0.24	99.58
51.25- 52.25	31	7829	0.39	99.34
50.25- 51.25	45	7798	0.57	98.95
49.25- 50.25	77	7753	0.98	98.38
48.25- 49.25	109	7676	1.38	97.40
47.25- 48.25	126	7567	1.60	96.02
46.25- 47.25	222	7441	2.82	94.42
45.25- 46.25	291	7219	3.69	91.60
44.25- 45.25	453	6928	5.75	87.91
43.25- 44.25	696	6475	8.83	82.16
42.25- 43.25	923	5779	11.39	73.33
41.25- 42.25	1081	4981	13.72	61.93
40.25- 41.25	1080	3800	13.70	48.22
39.25- 40.25	1000	2720	12.69	34.51
38.25- 39.25	734	1720	9.31	21.82
37.25- 38.25	479	986	6.08	12.51
36.25- 37.25	286	507	3.63	6.43
35.25- 36.25	126	221	1.60	2.80
34.25- 35.25	43	95	0.55	1.21
33.25- 34.25	20	52	0.25	0.66
32.25- 33.25	17	32	0.22	0.41
31.25- 32.25	8	15	0.10	0.19
30.25- 31.25	6	7	0.08	0.09
29.25- 30.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
41.62	MEAN VALUE	16.38
0.04	SE(MEAN)	0.01
3.28	SD DEVIATION	1.29
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.67
KURTOSIS---VETA II = 4.49
COEF. OF VARIATION = 7.88

****

NUMBER OF SUBJECTS = 7881.

****

THE PERCENTILES

CENTIMETERS		INCHES
51.49	99TH	20.27
49.80	98TH	19.61
48.82	97TH	19.22
47.57	95TH	18.73
45.87	90TH	18.06
44.84	85TH	17.65
44.09	80TH	17.36
43.48	75TH	17.12
42.97	70TH	16.92
42.51	65TH	16.74
42.09	60TH	16.57
41.71	55TH	16.42
41.34	50TH	16.27
40.97	45TH	16.13
40.62	40TH	15.99
40.26	35TH	15.85
39.89	30TH	15.70
39.49	25TH	15.55
39.05	20TH	15.37
38.55	15TH	15.18
37.90	10TH	14.92
36.92	5TH	14.53
36.25	3RD	14.27
35.73	2RD	14.07
34.88	1ST	13.73

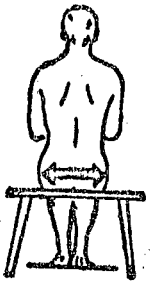
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HIP BREADTH-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
41.25- 41.75	1	7882	0.01	100.00
40.75- 41.25	0	7881	0.00	99.99
40.25- 40.75	3	7881	0.04	99.99
39.75- 40.25	4	7878	0.05	99.95
39.25- 39.75	11	7874	0.14	99.90
38.75- 39.25	11	7863	0.14	99.76
38.25- 38.75	34	7852	0.43	99.62
37.75- 38.25	29	7818	0.37	99.19
37.25- 37.75	57	7789	0.72	98.82
36.75- 37.25	85	7732	1.08	98.10
36.25- 36.75	174	7647	2.21	97.02
35.75- 36.25	181	7473	2.30	94.81
35.25- 35.75	334	7292	4.24	92.51
34.75- 35.25	313	6958	3.97	88.28
34.25- 34.75	632	6645	8.02	84.31
33.75- 34.25	584	6013	7.41	76.29
33.25- 33.75	924	5429	11.72	68.88
32.75- 33.25	857	4505	10.87	57.16
32.25- 32.75	1026	3648	13.02	46.28
31.75- 32.25	769	2622	9.76	33.27
31.25- 31.75	681	1853	8.64	23.51
30.75- 31.25	473	1172	6.00	14.87
30.25- 30.75	355	699	4.50	8.87
29.75- 30.25	162	344	2.06	4.36
29.25- 29.75	111	182	1.41	2.31
28.75- 29.25	41	71	0.52	0.90
28.25- 28.75	18	30	0.23	0.38
27.75- 28.25	5	12	0.06	0.15
27.25- 27.75	5	7	0.06	0.09
26.75- 27.25	2	2	0.03	0.03

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.05	MEAN VALUE	13.01
0.02	SE(MEAN)	0.01
1.80	SD DEVIATION	0.71
0.01	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.43
KURTOSIS---VETA II = 3.49
COEF. OF VARIATION = 5.46

****

NUMBER OF SUBJECTS = 7882.

****

THE PERCENTILES

CENTIMETERS		INCHES
37.98	99TH	14.95
37.24	98TH	14.66
36.79	97TH	14.49
36.22	95TH	14.26
35.39	90TH	13.93
34.87	85TH	13.73
34.48	80TH	13.58
34.15	75TH	13.45
33.87	70TH	13.33
33.61	65TH	13.23
33.37	60TH	13.14
33.15	55TH	13.05
32.93	50TH	12.96
32.72	45TH	12.88
32.50	40TH	12.80
32.28	35TH	12.71
32.06	30TH	12.62
31.82	25TH	12.53
31.55	20TH	12.42
31.24	15TH	12.30
30.86	10TH	12.15
30.30	5TH	11.93
29.94	3RD	11.79
29.68	2RD	11.68
29.25	1ST	11.52

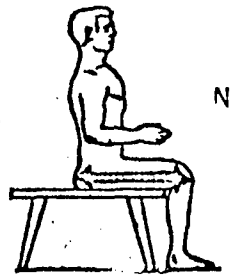
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BUTTOCK-KNEE LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
65.25- 65.75	1	7883	0.01	100.00
64.75- 65.25	0	7882	0.00	99.99
64.25- 64.75	1	7882	0.01	99.99
63.75- 64.25	1	7881	0.01	99.97
63.25- 63.75	2	7880	0.03	99.96
62.75- 63.25	6	7878	0.08	99.94
62.25- 62.75	7	7872	0.09	99.86
61.75- 62.25	16	7865	0.20	99.77
61.25- 61.75	44	7849	0.56	99.57
60.75- 61.25	39	7805	0.49	99.01
60.25- 60.75	90	7766	1.14	98.52
59.75- 60.25	85	7676	1.08	97.37
59.25- 59.75	181	7591	2.30	96.30
58.75- 59.25	200	7410	2.54	94.00
58.25- 58.75	355	7210	4.50	91.46
57.75- 58.25	310	6855	3.93	86.96
57.25- 57.75	471	6545	5.97	83.03
56.75- 57.25	483	6074	6.13	77.05
56.25- 56.75	689	5591	8.74	70.92
55.75- 56.25	549	4902	6.96	62.18
55.25- 55.75	831	4353	10.54	55.22
54.75- 55.25	509	3522	6.46	44.68
54.25- 54.75	674	3013	8.55	38.22
53.75- 54.25	567	2339	7.19	29.67
53.25- 53.75	497	1772	6.30	22.48
52.75- 53.25	350	1275	4.44	16.17
52.25- 52.75	332	925	4.21	11.73
51.75- 52.25	202	593	2.56	7.52
51.25- 51.75	153	391	1.94	4.96
50.75- 51.25	83	238	1.05	3.02
50.25- 50.75	68	155	0.86	1.97
49.75- 50.25	41	87	0.52	1.10
49.25- 49.75	25	46	0.32	0.58
48.75- 49.25	14	21	0.18	0.27
48.25- 48.75	3	7	0.04	0.09
47.75- 48.25	1	4	0.01	0.05
47.25- 47.75	2	3	0.03	0.04
46.75- 47.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
55.52	MEAN VALUE	21.86
0.03	SE(MEAN)	0.01
2.35	SD DEVIATION	0.92
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.09
KURTOSIS---VETA II = 3.02
COEF. OF VARIATION = 4.23

****

NUMBER OF SUBJECTS = 7883.

****

THE PERCENTILES

CENTIMETERS		INCHES
61.23	99TH	24.10
60.53	98TH	23.83
60.09	97TH	23.66
59.49	95TH	23.42
58.58	90TH	23.06
57.97	85TH	22.82
57.49	80TH	22.64
57.09	75TH	22.47
56.72	70TH	22.33
56.39	65TH	22.20
56.08	60TH	22.08
55.78	55TH	21.96
55.49	50TH	21.85
55.19	45TH	21.73
54.90	40TH	21.61
54.60	35TH	21.49
54.28	30TH	21.37
53.94	25TH	21.23
53.56	20TH	21.08
53.12	15TH	20.91
52.56	10TH	20.69
51.74	5TH	20.37
51.20	3RD	20.16
50.80	2RD	20.00
50.16	1ST	19.75

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BUTTOCK-POPLITEAL LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
52.75- 53.25	2	7883	0.03	100.00
52.25- 52.75	1	7881	0.01	99.97
51.75- 52.25	11	7880	0.14	99.96
51.25- 51.75	18	7869	0.23	99.82
50.75- 51.25	29	7851	0.37	99.59
50.25- 50.75	36	7822	0.46	99.23
49.75- 50.25	65	7786	0.82	98.77
49.25- 49.75	136	7721	1.60	97.94
48.75- 49.25	160	7585	2.03	96.35
48.25- 48.75	235	7435	2.98	94.32
47.75- 48.25	282	7200	3.58	91.34
47.25- 47.75	444	6918	5.63	87.76
46.75- 47.25	557	6474	7.07	82.13
46.25- 46.75	655	5917	8.31	75.06
45.75- 46.25	694	5262	8.68	66.75
45.25- 45.75	694	4578	8.80	58.07
44.75- 45.25	685	3884	8.69	49.27
44.25- 44.75	727	3199	9.22	40.58
43.75- 44.25	622	2472	7.89	31.36
43.25- 43.75	521	1850	6.61	23.47
42.75- 43.25	435	1329	5.52	16.86
42.25- 42.75	307	894	3.89	11.34
41.75- 42.25	229	587	2.90	7.45
41.25- 41.75	140	358	1.78	4.54
40.75- 41.25	89	218	1.13	2.77
40.25- 40.75	68	129	0.86	1.64
39.75- 40.25	32	61	0.41	0.77
39.25- 39.75	12	29	0.15	0.37
38.75- 39.25	8	17	0.10	0.22
38.25- 38.75	6	9	0.08	0.11
37.75- 38.25	2	3	0.03	0.04
37.25- 37.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
45.30	MEAN VALUE	17.83
0.02	SE(MEAN)	0.01
2.14	SD DEVIATION	0.84
0.02	SE(SD DEV)	0.01

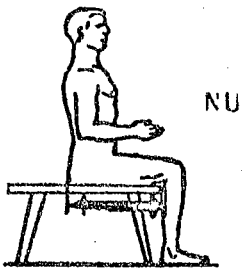
****

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 3.03
COEF. OF VARIATION = 4.73

****

NUMBER OF SUBJECTS = 7883.

****



THE PERCENTILES

CENTIMETERS		INCHES
50.48	99TH	19.87
49.84	98TH	19.62
49.43	97TH	19.46
48.89	95TH	19.25
48.08	90TH	18.93
47.53	85TH	18.71
47.11	80TH	18.55
46.74	75TH	18.40
46.42	70TH	18.27
46.12	65TH	18.16
45.83	60TH	18.04
45.56	55TH	17.94
45.29	50TH	17.83
45.02	45TH	17.72
44.75	40TH	17.62
44.47	35TH	17.51
44.17	30TH	17.39
43.85	25TH	17.26
43.50	20TH	17.12
43.08	15TH	16.96
42.56	10TH	16.76
41.80	5TH	16.46
41.30	3RD	16.26
40.94	2RD	16.12
40.38	1ST	15.90

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BACK-WAIST LENGTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
58.75-	59.25	1	7884	0.01	100.00
58.25-	58.75	0	7883	0.00	99.99
57.75-	58.25	0	7883	0.00	99.99
57.25-	57.75	0	7883	0.00	99.99
56.75-	57.25	3	7883	0.04	99.99
56.25-	56.75	1	7880	0.01	99.95
55.75-	56.25	3	7879	0.04	99.94
55.25-	55.75	3	7876	0.04	99.90
54.75-	55.25	7	7873	0.09	99.86
54.25-	54.75	9	7866	0.11	99.77
53.75-	54.25	21	7857	0.27	99.66
53.25-	53.75	27	7836	0.34	99.39
52.75-	53.25	54	7809	0.68	99.05
52.25-	52.75	60	7755	0.76	98.36
51.75-	52.25	111	7695	1.41	97.60
51.25-	51.75	136	7584	1.73	96.19
50.75-	51.25	144	7448	2.09	94.47
50.25-	50.75	74	7284	0.94	92.39
49.75-	50.25	534	7210	6.77	91.45
49.25-	49.75	231	6676	2.56	84.68
48.75-	49.25	447	6395	5.67	81.11
48.25-	48.75	523	5948	6.63	75.44
47.75-	48.25	629	5425	7.98	68.81
47.25-	47.75	533	4796	6.76	60.83
46.75-	47.25	555	4263	7.04	54.07
46.25-	46.75	539	3708	6.84	47.03
45.75-	46.25	668	3169	8.47	40.20
45.25-	45.75	505	2501	6.41	31.72
44.75-	45.25	450	1996	5.71	25.32
44.25-	44.75	322	1546	4.08	19.61
43.75-	44.25	357	1224	4.53	15.53
43.25-	43.75	209	867	2.65	11.00
42.75-	43.25	192	658	2.44	8.35
42.25-	42.75	127	466	1.61	5.91
41.75-	42.25	124	339	1.57	4.30
41.25-	41.75	63	215	0.80	2.73
40.75-	41.25	52	152	0.66	1.93
40.25-	40.75	9	100	0.11	1.27
39.75-	40.25	44	91	0.56	1.15
39.25-	39.75	9	47	0.11	0.60
38.75-	39.25	7	38	0.09	0.48
38.25-	38.75	3	31	0.04	0.39
37.75-	38.25	5	28	0.06	0.36
37.25-	37.75	8	23	0.10	0.29
36.75-	37.25	7	15	0.09	0.19
36.25-	36.75	3	8	0.04	0.10
35.75-	36.25	2	5	0.03	0.06
35.25-	35.75	1	3	0.01	0.04
34.75-	35.25	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
46.93	MEAN VALUE	18.47
0.03	SE(MEAN)	0.01
2.70	SD DEVIATION	1.06
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = -0.11
KURTOSIS---VETA II = 3.50
COEF. OF VARIATION = 5.76

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

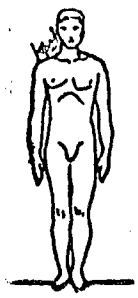
CENTIMETERS		INCHES
53.23	99TH	20.96
52.49	98TH	20.66
52.01	97TH	20.48
51.36	95TH	20.22
50.36	90TH	19.83
49.69	85TH	19.56
49.17	80TH	19.36
48.72	75TH	19.19
48.32	70TH	19.02
47.96	65TH	18.88
47.61	60TH	18.74
47.28	55TH	18.61
46.96	50TH	18.49
46.63	45TH	18.36
46.30	40TH	18.23
45.96	35TH	18.10
45.61	30TH	17.96
45.22	25TH	17.80
44.77	20TH	17.63
44.26	15TH	17.42
43.58	10TH	17.16
42.51	5TH	16.74
41.77	3RD	16.44
41.18	2RD	16.21
40.20	1ST	15.83

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SHOULDER LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
19.55- 19.75	1	7884	0.01	100.00
19.35- 19.55	9	7883	0.10	99.99
19.15- 19.35	2	7875	0.03	99.89
18.95- 19.15	9	7873	0.11	99.86
18.75- 18.95	9	7864	0.11	99.75
18.55- 19.75	12	7855	0.15	99.63
18.35- 18.55	29	7843	0.37	99.48
18.15- 18.35	21	7814	0.27	99.11
17.95- 18.15	96	7793	1.22	98.85
17.75- 17.95	51	7697	0.65	97.63
17.55- 17.75	20	7646	0.25	96.98
17.35- 17.55	185	7626	2.35	96.73
17.15- 17.35	82	7441	1.04	94.38
16.95- 17.15	458	7359	5.81	93.34
16.75- 16.95	124	6901	1.57	87.53
16.55- 16.75	146	6777	1.85	85.96
16.35- 16.55	537	6631	6.81	84.11
16.15- 16.35	271	6094	3.44	77.30
15.95- 16.15	1134	5822	14.38	73.86
15.75- 15.95	282	4688	3.58	59.47
15.55- 15.75	288	4407	3.65	55.90
15.35- 15.55	910	4119	11.54	52.25
15.15- 15.35	383	3209	4.86	40.70
14.95- 15.15	1370	2826	17.38	35.84
14.75- 14.95	160	1456	2.03	18.47
14.55- 14.75	188	1296	2.38	16.44
14.35- 14.55	513	1108	6.51	14.05
14.15- 14.35	140	595	1.78	7.55
13.95- 14.15	326	455	4.13	5.77
13.75- 13.95	27	129	0.34	1.64
13.55- 13.75	22	102	0.28	1.29
13.35- 13.55	47	80	0.60	1.01
13.15- 13.35	13	33	0.16	0.42
12.95- 13.15	16	20	0.20	0.25
12.75- 12.95	0	4	0.00	0.05
12.55- 12.75	0	4	0.00	0.05
12.35- 12.55	2	4	0.03	0.05
12.15- 12.35	0	2	0.00	0.03
11.95- 12.15	1	2	0.01	0.03
11.75- 11.95	0	1	0.00	0.01
11.55- 11.75	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
15.65	MEAN VALUE	6.16
0.01	SE(MEAN)	0.00
0.99	SD DEVIATION	0.39
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.41
KURTOSIS---VETA II = 3.35
COEF. OF VARIATION = 6.32

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
18.30	99TH	7.20
17.96	98TH	7.07
17.74	97TH	6.98
17.44	95TH	6.87
16.99	90TH	6.69
16.69	85TH	6.57
16.46	80TH	6.48
16.27	75TH	6.41
16.11	70TH	6.34
15.96	65TH	6.28
15.82	60TH	6.23
15.69	55TH	6.18
15.57	50TH	6.13
15.45	45TH	6.08
15.33	40TH	6.04
15.22	35TH	5.99
15.10	30TH	5.94
14.97	25TH	5.89
14.83	20TH	5.84
14.68	15TH	5.78
14.48	10TH	5.70
14.19	5TH	5.59
14.00	3RD	5.51
13.85	2RD	5.45
13.60	1ST	5.35

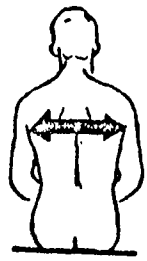
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

INTERSCYE BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
52.25- 52.75	1	7884	0.01	100.00
51.75- 52.25	0	7883	0.00	99.99
51.25- 51.75	1	7883	0.01	99.99
50.75- 51.25	0	7882	0.00	99.97
50.25- 50.75	0	7882	0.00	99.97
49.75- 50.25	3	7882	0.04	99.97
49.25- 49.75	4	7879	0.05	99.94
48.75- 49.25	6	7875	0.08	99.89
48.25- 48.75	9	7869	0.10	99.81
47.75- 48.25	9	7861	0.11	99.71
47.25- 47.75	13	7852	0.16	99.59
46.75- 47.25	21	7839	0.27	99.43
46.25- 46.75	22	7818	0.28	99.16
45.75- 46.25	46	7796	0.58	98.88
45.25- 45.75	52	7750	0.66	98.30
44.75- 45.25	66	7698	0.84	97.64
44.25- 44.75	91	7632	1.15	96.80
43.75- 44.25	168	7541	2.13	95.65
43.25- 43.75	172	7373	2.18	93.52
42.75- 43.25	305	7201	3.87	91.34
42.25- 42.75	279	6896	3.54	87.47
41.75- 42.25	334	6617	4.24	83.93
41.25- 41.75	411	6283	5.21	79.69
40.75- 41.25	337	5872	4.27	74.48
40.25- 40.75	88	5535	1.12	70.21
39.75- 40.25	1080	5447	13.81	69.09
39.25- 39.75	460	4358	5.95	55.28
38.75- 39.25	612	3899	7.76	49.33
38.25- 38.75	434	3277	5.50	41.57
37.75- 38.25	497	2843	6.30	36.06
37.25- 37.75	358	2346	4.54	29.76
36.75- 37.25	400	1988	5.07	25.22
36.25- 36.75	308	1588	3.91	20.14
35.75- 36.25	276	1280	3.50	16.24
35.25- 35.75	243	1004	3.08	12.73
34.75- 35.25	184	761	2.33	9.65
34.25- 34.75	137	577	1.74	7.32
33.75- 34.25	155	440	1.97	5.58
33.25- 33.75	76	285	0.96	3.61
32.75- 33.25	70	209	0.89	2.65
32.25- 32.75	46	139	0.58	1.76
31.75- 32.25	36	93	0.46	1.18
31.25- 31.75	25	57	0.32	0.72
30.75- 31.25	18	32	0.23	0.41
30.25- 30.75	4	14	0.05	0.18
29.75- 30.25	3	10	0.10	0.13
29.25- 29.75	0	2	0.00	0.03
28.75- 29.25	1	2	0.01	0.03
28.25- 28.75	0	1	0.00	0.01
27.75- 28.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
39.22	MEAN VALUE	15.44
0.03	SE(MEAN)	0.01
3.03	SD DEVIATION	1.19
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 3.16
COEF. OF VARIATION = 7.72

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
46.47	99TH	18.30
45.49	98TH	17.91
44.90	97TH	17.68
44.13	95TH	17.39
43.02	90TH	16.94
42.29	85TH	16.65
41.72	80TH	16.43
41.24	75TH	16.24
40.80	70TH	16.06
40.40	65TH	15.91
40.02	60TH	15.76
39.65	55TH	15.61
39.28	50TH	15.46
38.90	45TH	15.32
38.52	40TH	15.17
38.12	35TH	15.01
37.70	30TH	14.84
37.24	25TH	14.66
36.72	20TH	14.46
36.11	15TH	14.22
35.33	10TH	13.91
34.17	5TH	13.45
33.42	3RD	13.16
32.87	2RD	12.94
32.04	1ST	12.61

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

INTERSCYE MAXIMUM

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
72.25- 72.25	1	7884	0.01	100.00
71.25- 72.25	0	7883	0.00	99.99
70.25- 71.25	0	7883	0.00	99.99
69.25- 70.25	1	7883	0.01	99.99
68.25- 69.25	2	7882	0.03	99.97
67.25- 68.25	11	7880	0.14	99.95
66.25- 67.25	18	7869	0.23	99.81
65.25- 66.25	25	7851	0.32	99.58
64.25- 65.25	43	7826	0.55	99.26
63.25- 64.25	73	7783	0.93	98.72
62.25- 63.25	187	7710	2.37	97.79
61.25- 62.25	194	7523	2.46	95.42
60.25- 61.25	150	7329	1.90	92.96
59.25- 60.25	713	7179	9.04	91.06
58.25- 59.25	589	6466	7.47	82.01
57.25- 58.25	761	5877	9.65	74.54
56.25- 57.25	792	5116	10.05	64.89
55.25- 56.25	851	4324	10.79	54.85
54.25- 55.25	745	3473	9.45	44.05
53.25- 54.25	632	2728	8.02	34.60
52.25- 53.25	600	2096	7.61	26.59
51.25- 52.25	482	1496	6.11	18.98
50.25- 51.25	253	1014	3.21	12.86
49.25- 50.25	306	761	3.88	9.65
48.25- 49.25	105	455	1.33	5.77
47.25- 48.25	107	350	1.36	4.44
46.25- 47.25	57	243	0.72	3.08
45.25- 46.25	51	186	0.65	2.36
44.25- 45.25	43	135	0.55	1.71
43.25- 44.25	38	92	0.48	1.17
42.25- 43.25	13	54	0.16	0.68
41.25- 42.25	14	41	0.18	0.52
40.25- 41.25	3	27	0.04	0.34
39.25- 40.25	12	24	0.15	0.30
38.25- 39.25	11	12	0.14	0.15
37.25- 38.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
55.62	MEAN VALUE	21.90
0.05	SE(MEAN)	0.02
4.10	SD DEVIATION	1.62
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = -0.42
KURTOSIS---VETA II = 3.95
COEF. OF VARIATION = 7.38

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
64.72	99TH	25.48
63.58	98TH	25.03
62.87	97TH	24.75
61.92	95TH	24.38
60.51	90TH	23.82
59.58	85TH	23.46
58.86	80TH	23.17
58.25	75TH	22.93
57.70	70TH	22.72
57.20	65TH	22.52
56.72	60TH	22.33
56.25	55TH	22.15
55.79	50TH	21.96
55.32	45TH	21.78
54.83	40TH	21.59
54.32	35TH	21.39
53.77	30TH	21.17
53.16	25TH	20.93
52.45	20TH	20.65
51.58	15TH	20.31
50.40	10TH	19.84
48.45	5TH	19.07
47.02	3RD	18.51
45.88	2RD	18.06
43.90	1ST	17.28

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SLEEVE INSEAM

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
58.25- 58.75	1	7884	0.01	100.00
57.75- 58.25	1	7883	0.01	99.99
57.25- 57.75	0	7882	0.00	99.97
56.75- 57.25	0	7882	0.00	99.97
56.25- 56.75	0	7882	0.00	99.97
55.75- 56.25	0	7882	0.00	99.97
55.25- 55.75	2	7882	0.03	99.97
54.75- 55.25	4	7880	0.05	99.95
54.25- 54.75	4	7876	0.05	99.90
53.75- 54.25	7	7872	0.09	99.85
53.25- 53.75	7	7865	0.09	99.76
52.75- 53.25	18	7858	0.23	99.67
52.25- 52.75	28	7840	0.36	99.44
51.75- 52.25	52	7812	0.66	99.09
51.25- 51.75	78	7760	0.99	98.43
50.75- 51.25	86	7682	1.09	97.44
50.25- 50.75	50	7596	0.63	96.35
49.75- 50.25	416	7546	5.28	95.71
49.25- 49.75	289	7130	3.65	90.44
48.75- 49.25	427	6842	5.42	86.78
48.25- 48.75	492	6415	6.24	81.37
47.75- 48.25	590	5923	7.48	75.13
47.25- 47.75	590	5333	7.48	67.64
46.75- 47.25	637	4743	8.08	60.16
46.25- 46.75	629	4106	7.98	52.08
45.75- 46.25	731	3477	9.27	44.10
45.25- 45.75	612	2746	7.76	34.83
44.75- 45.25	548	2134	6.95	27.07
44.25- 44.75	427	1586	5.42	20.12
43.75- 44.25	398	1159	5.05	14.70
43.25- 43.75	224	761	2.84	9.65
42.75- 43.25	205	537	2.60	6.81
42.25- 42.75	107	332	1.36	4.21
41.75- 42.25	84	225	1.07	2.85
41.25- 41.75	48	141	0.61	1.79
40.75- 41.25	36	93	0.46	1.18
40.25- 40.75	8	57	0.10	0.72
39.75- 40.25	31	49	0.39	0.62
39.25- 39.75	4	18	0.05	0.23
38.75- 39.25	10	14	0.13	0.18
38.25- 38.75	3	4	0.04	0.05
37.75- 38.25	0	1	0.00	0.01
37.25- 37.75	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
46.64	MEAN VALUE	18.36
0.03	SE(MEAN)	0.01
2.32	SD DEVIATION	0.92
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 3.31
COEF. OF VARIATION = 4.98

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
52.14	99TH	20.53
51.47	98TH	20.27
51.05	97TH	20.10
50.48	95TH	19.87
49.61	90TH	19.53
49.03	85TH	19.30
48.58	80TH	19.13
48.19	75TH	18.97
47.84	70TH	18.84
47.53	65TH	18.71
47.23	60TH	18.59
46.94	55TH	18.48
46.65	50TH	18.37
46.37	45TH	18.26
46.08	40TH	18.14
45.78	35TH	18.03
45.47	30TH	17.90
45.13	25TH	17.77
44.75	20TH	17.62
44.30	15TH	17.44
43.73	10TH	17.22
42.86	5TH	16.87
42.27	3RD	16.64
41.83	2RD	16.47
41.11	1ST	16.18

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SLEEVE LENGTH (SPINE TO WRIST)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
98.25- 99.25	1	7884	0.01	100.00
97.25- 98.25	0	7883	0.00	99.99
96.25- 97.25	1	7883	0.01	99.99
95.25- 96.25	3	7882	0.04	99.97
94.25- 95.25	2	7879	0.03	99.94
93.25- 94.25	8	7877	0.10	99.91
92.25- 93.25	10	7869	0.13	99.81
91.25- 92.25	17	7859	0.22	99.68
90.25- 91.25	15	7842	0.19	99.47
89.25- 90.25	102	7827	1.29	99.28
88.25- 89.25	157	7725	1.99	97.98
87.25- 88.25	252	7568	3.20	95.99
86.25- 87.25	366	7316	4.64	92.80
85.25- 86.25	518	6950	6.57	88.15
84.25- 85.25	724	6432	9.18	81.58
83.25- 84.25	718	5708	9.11	72.40
82.25- 83.25	921	4990	11.68	63.29
81.25- 82.25	964	4069	12.23	51.61
80.25- 81.25	520	3105	6.60	39.38
79.25- 80.25	1027	2585	13.03	32.79
78.25- 79.25	491	1558	6.23	19.76
77.25- 78.25	466	1067	5.91	13.53
76.25- 77.25	244	601	3.09	7.62
75.25- 76.25	150	357	1.90	4.53
74.25- 75.25	90	207	1.14	2.63
73.25- 74.25	60	117	0.76	1.48
72.25- 73.25	33	57	0.42	0.72
71.25- 72.25	10	24	0.13	0.30
70.25- 71.25	7	14	0.09	0.18
69.25- 70.25	6	7	0.08	0.09
68.25- 69.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
82.12	MEAN VALUE	32.33
0.04	SE(MEAN)	0.02
3.51	SD DEVIATION	1.38
0.03	SE(SD DEV)	0.01

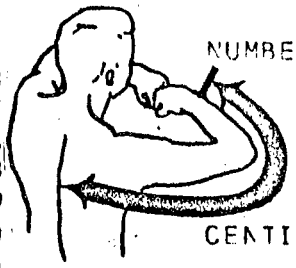
****

SYMMETRY---VETA I = 0.01
KURTOSIS---VETA II = 3.22
COEF. OF VARIATION = 4.27

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
90.03	99TH	35.45
89.26	98TH	35.14
88.73	97TH	34.93
87.95	95TH	34.63
86.69	90TH	34.13
85.80	85TH	33.78
85.10	80TH	33.50
84.49	75TH	33.26
83.95	70TH	33.05
83.44	65TH	32.85
82.97	60TH	32.67
82.52	55TH	32.49
82.07	50TH	32.31
81.63	45TH	32.14
81.18	40TH	31.96
80.72	35TH	31.78
80.25	30TH	31.59
79.73	25TH	31.39
79.15	20TH	31.16
78.49	15TH	30.90
77.63	10TH	30.56
76.33	5TH	30.05
75.44	3RD	29.70
74.76	2RD	29.43
73.61	1ST	28.98

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
60.75- 61.05	2	7884	0.03	100.00
60.45- 60.75	2	7882	0.03	99.97
60.15- 60.45	0	7880	0.00	99.95
59.85- 60.15	10	7880	0.13	99.95
59.55- 59.85	0	7870	0.00	99.82
59.25- 59.55	10	7870	0.13	99.82
58.95- 59.25	50	7860	0.63	99.70
58.65- 58.95	2	7810	0.03	99.06
58.35- 58.65	104	7808	1.32	99.04
58.05- 58.35	1	7704	0.01	97.72
57.75- 58.05	212	7703	2.69	97.70
57.45- 57.75	299	7491	3.79	95.02
57.15- 57.45	18	7192	0.23	91.22
56.85- 57.15	469	7174	5.95	90.99
56.55- 56.85	37	6705	0.47	85.05
56.25- 56.55	615	6668	7.80	84.58
55.95- 56.25	913	6053	11.58	76.78
55.65- 55.95	50	5140	0.63	65.20
55.35- 55.65	879	5090	11.15	64.56
55.05- 55.35	46	4211	0.58	53.41
54.75- 55.05	1082	4165	13.72	52.83
54.45- 54.75	855	3083	10.84	39.10
54.15- 54.45	39	2228	0.49	28.26
53.85- 54.15	814	2189	10.32	27.77
53.55- 53.85	47	1375	0.60	17.44
53.25- 53.55	519	1328	6.58	16.84
52.95- 53.25	404	809	5.12	10.26
52.65- 52.95	12	405	0.15	5.14
52.35- 52.65	183	393	2.32	4.98
52.05- 52.35	4	210	0.05	2.66
51.75- 52.05	103	206	1.31	2.61
51.45- 51.75	63	103	0.80	1.31
51.15- 51.45	4	40	0.05	0.51
50.85- 51.15	26	36	0.33	0.46
50.55- 50.85	0	10	0.00	0.13
50.25- 50.55	8	10	0.10	0.13
49.95- 50.25	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
55.17	MEAN VALUE	21.72
0.02	SE(MEAN)	0.01
1.53	SD DEVIATION	0.60
0.01	SE(SD DEV)	0.00

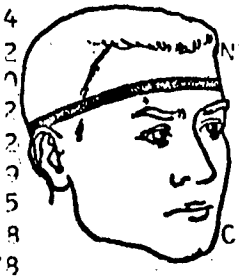
****

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 2.99
COEF. OF VARIATION = 2.77

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
58.68	99TH	23.10
58.30	98TH	22.95
58.06	97TH	22.86
57.71	95TH	22.72
57.16	90TH	22.50
56.77	85TH	22.35
56.47	80TH	22.23
56.21	75TH	22.13
55.97	70TH	22.04
55.76	65TH	21.95
55.55	60TH	21.87
55.35	55TH	21.79
55.16	50TH	21.72
54.96	45TH	21.64
54.77	40TH	21.56
54.57	35TH	21.48
54.36	30TH	21.40
54.13	25TH	21.31
53.87	20TH	21.21
53.58	15TH	21.10
53.21	10TH	20.95
52.66	5TH	20.73
52.30	3RD	20.59
52.03	2RD	20.49
51.60	1ST	20.32

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
NECK CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
44.25- 44.75	4	7884	0.05	100.00
43.75- 44.25	1	7880	0.01	99.95
43.25- 43.75	1	7879	0.01	99.94
42.75- 43.25	4	7878	0.05	99.92
42.25- 42.75	3	7874	0.04	99.87
41.75- 42.25	30	7871	0.38	99.84
41.25- 41.75	12	7841	0.15	99.45
40.75- 41.25	51	7829	0.65	99.30
40.25- 40.75	47	7778	0.60	98.66
39.75- 40.25	139	7731	1.75	98.06
39.25- 39.75	125	7593	1.59	96.31
38.75- 39.25	256	7468	3.25	94.72
38.25- 38.75	216	7212	2.74	91.48
37.75- 38.25	563	6996	7.14	88.74
37.25- 37.75	433	6433	5.13	81.60
36.75- 37.25	861	5950	10.92	75.47
36.25- 36.75	704	5089	8.93	64.55
35.75- 36.25	1121	4385	14.22	55.62
35.25- 35.75	795	3264	10.08	41.40
34.75- 35.25	882	2469	11.19	31.32
34.25- 34.75	503	1587	6.38	20.13
33.75- 34.25	558	1084	7.08	13.75
33.25- 33.75	212	526	2.69	6.67
32.75- 33.25	190	314	2.41	3.98
32.25- 32.75	60	124	0.76	1.57
31.75- 32.25	36	64	0.46	0.81
31.25- 31.75	15	28	0.19	0.36
30.75- 31.25	10	13	0.13	0.16
30.25- 30.75	0	3	0.00	0.04
29.75- 30.25	3	3	0.04	0.04

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
36.18	MEAN VALUE	14.24
0.02	SE(MEAN)	0.01
1.79	SD DEVIATION	0.71
0.01	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.41
KURTOSIS---VETA II = 3.57
COEF. OF VARIATION = 4.96

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
41.01	99TH	16.15
40.30	98TH	15.87
39.87	97TH	15.70
39.31	95TH	15.48
38.50	90TH	15.16
37.99	85TH	14.96
37.60	80TH	14.80
37.28	75TH	14.68
37.00	70TH	14.57
36.74	65TH	14.47
36.51	60TH	14.37
36.28	55TH	14.28
36.07	50TH	14.20
35.85	45TH	14.11
35.64	40TH	14.03
35.42	35TH	13.95
35.20	30TH	13.86
34.96	25TH	13.76
34.69	20TH	13.66
34.39	15TH	13.54
34.00	10TH	13.39
33.44	5TH	13.17
33.08	3RD	13.02
32.81	2RD	12.92
32.38	1ST	12.75

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
140.75-142.25	2	7884	0.03	100.00
139.25-140.75	0	7882	0.00	99.97
137.75-139.25	1	7882	0.01	99.97
136.25-137.75	1	7881	0.01	99.96
134.75-136.25	2	7880	0.03	99.95
133.25-134.75	5	7878	0.06	99.92
131.75-133.25	6	7873	0.08	99.86
130.25-131.75	11	7867	0.14	99.78
128.75-130.25	19	7856	0.24	99.64
127.25-128.75	29	7837	0.37	99.40
125.75-127.25	28	7808	0.36	99.04
124.25-125.75	34	7780	0.43	98.68
122.75-124.25	71	7746	0.90	98.25
121.25-122.75	56	7675	0.71	97.35
119.75-121.25	110	7619	1.40	96.64
118.25-119.75	102	7509	1.29	95.24
116.75-118.25	196	7407	2.49	93.95
115.25-116.75	225	7211	2.85	91.46
113.75-115.25	351	6986	4.45	88.61
112.25-113.75	468	6635	5.94	84.16
110.75-112.25	701	6167	8.89	78.22
109.25-110.75	788	5466	9.99	69.33
107.75-109.25	892	4678	11.31	59.34
106.25-107.75	803	3786	10.25	48.02
104.75-106.25	906	2978	11.49	37.77
103.25-104.75	653	2072	8.28	26.28
101.75-103.25	627	1419	7.95	18.00
100.25-101.75	251	792	3.18	10.05
98.75-100.25	310	541	4.05	6.86
97.25- 98.75	97	222	1.23	2.82
95.75- 97.25	72	125	0.91	1.59
94.25- 95.75	28	53	0.36	0.67
92.75- 94.25	16	25	0.20	0.32
91.25- 92.75	6	9	0.08	0.11
89.75- 91.25	2	3	0.03	0.04
88.25- 89.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
108.48	MEAN VALUE	42.71
0.07	SE(MEAN)	0.03
5.99	SD DEVIATION	2.36
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.76
KURTOSIS---VETA II = 4.52
COEF. OF VARIATION = 5.52

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
127.24	99TH	50.09
123.77	98TH	48.73
121.79	97TH	47.95
119.37	95TH	46.99
116.13	90TH	45.72
114.23	85TH	44.97
112.86	80TH	44.43
111.76	75TH	44.00
110.83	70TH	43.63
110.01	65TH	43.31
109.26	60TH	43.02
108.57	55TH	42.74
107.90	50TH	42.48
107.24	45TH	42.22
106.59	40TH	41.97
105.94	35TH	41.71
105.26	30TH	41.44
104.52	25TH	41.15
103.71	20TH	40.83
102.78	15TH	40.46
101.58	10TH	39.99
99.80	5TH	39.29
98.61	3RD	38.82
97.73	2RD	38.48
96.33	1ST	37.93

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
CHEST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
114.75-116.25	1	7884	0.01	100.00
113.25-114.75	4	7883	0.05	99.99
111.75-113.25	5	7879	0.06	99.94
110.25-111.75	4	7874	0.05	99.87
108.75-110.25	20	7870	0.25	99.82
107.25-108.75	17	7850	0.22	99.57
105.75-107.25	38	7833	0.48	99.35
104.25-105.75	35	7795	0.44	98.87
102.75-104.25	53	7760	0.67	98.43
101.25-102.75	78	7707	0.99	97.75
99.75-101.25	117	7629	1.48	96.77
98.25- 99.75	133	7512	1.69	95.28
96.75- 98.25	252	7379	3.20	93.59
95.25- 96.75	345	7127	4.38	90.40
93.75- 95.25	560	6782	7.10	86.02
92.25- 93.75	740	6222	9.39	78.92
90.75- 92.25	903	5482	11.45	69.53
89.25- 90.75	918	4579	11.64	58.08
87.75- 89.25	1084	3661	13.75	46.44
86.25- 87.75	785	2577	9.96	32.69
84.75- 86.25	730	1792	9.26	22.73
83.25- 84.75	465	1062	5.90	13.47
81.75- 83.25	311	597	3.94	7.57
80.25- 81.75	145	286	1.84	3.63
78.75- 80.25	79	141	1.00	1.79
77.25- 78.75	36	62	0.46	0.79
75.75- 77.25	17	26	0.22	0.33
74.25- 75.75	8	9	0.10	0.11
72.75- 74.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
90.11	MEAN VALUE	35.48
0.06	SE(MEAN)	0.02
5.24	SD DEVIATION	2.06
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.62
KURTOSIS---VETA II = 4.23
COEF. OF VARIATION = 5.82

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
106.21	99TH	41.81
103.22	98TH	40.64
101.54	97TH	39.98
99.48	95TH	39.17
96.76	90TH	38.09
95.16	85TH	37.46
94.00	80TH	37.01
93.07	75TH	36.64
92.28	70TH	36.33
91.57	65TH	36.05
90.92	60TH	35.80
90.31	55TH	35.56
89.72	50TH	35.32
89.14	45TH	35.09
88.55	40TH	34.86
87.96	35TH	34.63
87.33	30TH	34.38
86.66	25TH	34.12
85.90	20TH	33.82
85.02	15TH	33.47
83.91	10TH	33.03
82.24	5TH	32.38
81.16	3RD	31.95
80.37	2RD	31.64
79.14	1ST	31.16

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
WAIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
107.75-109.25	3	7884	0.04	100.00
106.25-107.75	3	7881	0.04	99.96
104.75-106.25	3	7878	0.04	99.92
103.25-104.75	5	7875	0.06	99.89
101.75-103.25	12	7870	0.15	99.82
100.25-101.75	6	7857	0.08	99.66
98.75-100.25	23	7851	0.29	99.58
97.25- 98.75	22	7828	0.28	99.29
95.75- 97.25	33	7806	0.42	99.01
94.25- 95.75	32	7767	0.41	98.52
92.75- 94.25	37	7735	0.47	98.11
91.25- 92.75	50	7698	0.63	97.64
89.75- 91.25	94	7648	1.19	97.01
88.25- 89.75	93	7554	1.05	95.81
86.75- 88.25	168	7471	2.13	94.76
85.25- 86.75	181	7303	2.30	92.63
83.75- 85.25	340	7122	4.31	90.33
82.25- 83.75	346	6782	4.39	86.02
80.75- 82.25	592	6436	7.38	81.63
79.25- 80.75	638	5844	8.09	74.25
77.75- 79.25	776	5206	9.84	66.16
76.25- 77.75	779	4440	9.88	56.32
74.75- 76.25	842	3661	10.68	46.44
73.25- 74.75	698	2819	8.85	35.76
71.75- 73.25	733	2121	9.30	26.90
70.25- 71.75	478	1388	6.06	17.61
68.75- 70.25	463	910	5.87	11.54
67.25- 68.75	196	447	2.49	5.67
65.75- 67.25	137	251	1.74	3.18
64.25- 65.75	54	114	0.68	1.45
62.75- 64.25	44	60	0.56	0.76
61.25- 62.75	12	16	0.15	0.20
59.75- 61.25	4	4	0.05	0.05

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
77.35	MEAN VALUE	30.45
0.07	SE(MEAN)	0.03
6.35	SD DEVIATION	2.50
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.80
KURTOSIS---VETA II = 4.50
COEF. OF VARIATION = 8.21

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
97.32	99TH	38.31
93.50	98TH	36.81
91.37	97TH	35.97
88.77	95TH	34.95
85.36	90TH	33.61
83.38	85TH	32.83
81.96	80TH	32.27
80.81	75TH	31.81
79.84	70TH	31.43
78.98	65TH	31.09
78.19	60TH	30.79
77.46	55TH	30.49
76.74	50TH	30.21
76.04	45TH	29.94
75.35	40TH	29.66
74.64	35TH	29.39
73.90	30TH	29.09
73.11	25TH	28.78
72.22	20TH	28.43
71.21	15TH	28.04
69.95	10TH	27.54
68.11	5TH	26.81
66.96	3RD	26.36
66.14	2RD	26.04
64.95	1ST	25.57

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

****

HIP CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
112.25-113.25	4	7884	0.05	100.00
111.25-112.25	1	7880	0.01	99.95
110.25-111.25	3	7879	0.04	99.94
109.25-110.25	3	7876	0.04	99.90
108.25-109.25	3	7873	0.04	99.86
107.25-108.25	9	7870	0.11	99.82
106.25-107.25	16	7861	0.20	99.71
105.25-106.25	13	7845	0.16	99.51
104.25-105.25	28	7832	0.36	99.34
103.25-104.25	29	7804	0.37	98.99
102.25-103.25	36	7775	0.46	98.62
101.25-102.25	60	7739	0.76	98.16
100.25-101.25	50	7679	0.63	97.40
99.25-100.25	146	7629	1.85	96.77
98.25- 99.25	180	7483	2.28	94.91
97.25- 98.25	222	7303	2.82	92.63
96.25- 97.25	302	7081	3.83	89.81
95.25- 96.25	357	6779	4.53	85.98
94.25- 95.25	451	6422	5.72	81.46
93.25- 94.25	595	5971	7.42	75.74
92.25- 93.25	672	5386	8.52	68.32
91.25- 92.25	725	4714	9.20	59.79
90.25- 91.25	714	3989	9.06	50.60
89.25- 90.25	735	3275	9.32	41.54
88.25- 89.25	540	2540	8.12	32.22
87.25- 88.25	528	1900	6.70	24.10
86.25- 87.25	437	1372	5.54	17.40
85.25- 86.25	329	935	4.17	11.86
84.25- 85.25	241	606	3.06	7.69
83.25- 84.25	149	365	1.89	4.63
82.25- 83.25	92	216	1.17	2.74
81.25- 82.25	63	124	0.80	1.57
80.25- 81.25	30	61	0.38	0.77
79.25- 80.25	21	31	0.27	0.39
78.25- 79.25	5	10	0.06	0.13
77.25- 78.25	3	5	0.04	0.06
76.25- 77.25	1	2	0.01	0.03
75.25- 76.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
91.52	MEAN VALUE	36.03
0.05	SE(MEAN)	0.02
4.60	SD DEVIATION	1.81
0.04	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.44
KURTOSIS---VETA II = 3.75
COEF. OF VARIATION = 5.02

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
104.18	99TH	41.02
102.06	98TH	40.18
100.84	97TH	39.70
99.31	95TH	39.10
97.21	90TH	38.27
95.92	85TH	37.76
94.96	80TH	37.39
94.17	75TH	37.07
93.48	70TH	36.80
92.86	65TH	36.56
92.28	60TH	36.33
91.73	55TH	36.11
91.19	50TH	35.90
90.65	45TH	35.69
90.12	40TH	35.48
89.56	35TH	35.26
88.98	30TH	35.03
88.36	25TH	34.79
87.65	20TH	34.51
86.84	15TH	34.19
85.81	10TH	33.79
84.30	5TH	33.19
82.34	3RD	32.81
82.64	2RD	32.53
81.57	1ST	32.11

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

VERTICAL TRUNCK CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
196.75-198.25	1	7884	0.01	100.00
195.25-196.75	0	7883	0.00	99.99
193.75-195.25	1	7883	0.01	99.99
192.25-193.75	3	7880	0.04	99.95
190.75-192.25	4	7877	0.05	99.91
189.25-190.75	5	7873	0.06	99.86
187.75-189.25	7	7868	0.09	99.80
186.25-187.75	17	7861	0.22	99.71
184.75-186.25	16	7844	0.20	99.49
183.25-184.75	26	7828	0.33	99.29
181.75-183.25	51	7802	0.65	98.96
180.25-181.75	57	7751	0.72	98.31
178.75-180.25	80	7694	1.01	97.59
177.25-178.75	113	7614	1.43	96.58
175.75-177.25	168	7501	2.13	95.14
174.25-175.75	189	7333	2.40	93.01
172.75-174.25	289	7144	3.67	90.61
171.25-172.75	331	6855	4.20	86.95
169.75-171.25	480	6524	6.09	82.75
168.25-169.75	423	6044	5.37	76.66
166.75-168.25	625	5621	7.93	71.30
165.25-166.75	616	4996	7.81	63.37
163.75-165.25	716	4380	9.08	55.56
162.25-163.75	649	3664	8.23	46.47
160.75-162.25	668	3015	8.47	38.24
159.25-160.75	524	2347	6.65	29.77
157.75-159.25	566	1823	7.18	23.12
156.25-157.75	319	1257	4.05	15.94
154.75-156.25	338	938	4.29	11.90
153.25-154.75	211	600	2.68	7.61
151.75-153.25	154	389	1.95	4.93
150.25-151.75	69	235	0.88	2.98
148.75-150.25	76	166	0.96	2.11
147.25-148.75	36	90	0.46	1.14
145.75-147.25	24	54	0.30	0.68
144.25-145.75	12	30	0.15	0.38
142.75-144.25	9	18	0.11	0.23
141.25-142.75	7	9	0.09	0.11
139.75-141.25	2	2	0.03	0.03

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
154.63	MEAN VALUE	60.88
0.08	SE(MEAN)	0.03
7.30	SD DEVIATION	2.88
0.06	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.28
KURTOSIS---VETA II = 3.43
COEF. OF VARIATION = 4.72

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
173.53	99TH	68.32
170.94	98TH	67.30
169.34	97TH	66.67
167.22	95TH	65.83
164.09	90TH	64.60
162.07	85TH	63.81
160.52	80TH	63.20
159.22	75TH	62.69
158.09	70TH	62.24
157.06	65TH	61.83
156.10	60TH	61.46
155.19	55TH	61.10
154.31	50TH	60.75
153.43	45TH	60.41
152.56	40TH	60.06
151.67	35TH	59.71
150.74	30TH	59.34
149.74	25TH	58.95
148.62	20TH	58.51
147.34	15TH	58.01
145.71	10TH	57.37
143.24	5TH	56.39
141.58	3RD	55.74
140.31	2RD	55.24
138.23	1ST	54.42

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR ARMSCYE CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
56.25- 57.25	1	7884	0.01	100.00
55.25- 56.25	4	7883	0.05	99.99
54.25- 55.25	4	7879	0.05	99.94
53.25- 54.25	6	7875	0.08	99.89
52.25- 53.25	17	7869	0.22	99.81
51.25- 52.25	15	7852	0.19	99.59
50.25- 51.25	37	7837	0.47	99.40
49.25- 50.25	67	7800	0.85	98.93
48.25- 49.25	91	7733	1.15	98.08
47.25- 48.25	115	7642	1.46	96.93
46.25- 47.25	165	7527	2.09	95.47
45.25- 46.25	257	7362	3.26	93.38
44.25- 45.25	404	7105	5.12	90.12
43.25- 44.25	522	6701	6.62	84.99
42.25- 43.25	729	6179	9.25	78.37
41.25- 42.25	929	5450	11.77	69.13
40.25- 41.25	1129	4522	14.32	57.36
39.25- 40.25	1237	3393	15.69	43.04
38.25- 39.25	809	2156	10.26	27.35
37.25- 38.25	607	1347	7.70	17.09
36.25- 37.25	393	740	4.98	9.39
35.25- 36.25	181	347	2.30	4.40
34.25- 35.25	98	166	1.24	2.11
33.25- 34.25	39	68	0.48	0.86
32.25- 33.25	17	30	0.22	0.38
31.25- 32.25	8	13	0.10	0.16
30.25- 31.25	3	5	0.04	0.06
29.25- 30.25	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
41.26	MEAN VALUE	16.25
0.04	SE(MEAN)	0.01
3.24	SD DEVIATION	1.28
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.62
KURTOSIS---VETA II = 4.07
COEF. OF VARIATION = 7.85

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
50.56	99TH	19.90
49.05	98TH	19.31
48.15	97TH	18.95
46.98	95TH	18.49
45.32	90TH	17.84
44.29	85TH	17.44
43.54	80TH	17.14
42.92	75TH	16.90
42.39	70TH	16.69
41.93	65TH	16.51
41.51	60TH	16.34
41.12	55TH	16.19
40.74	50TH	16.04
40.38	45TH	15.90
40.03	40TH	15.76
39.67	35TH	15.62
39.31	30TH	15.48
38.92	25TH	15.32
38.50	20TH	15.16
38.01	15TH	14.96
37.38	10TH	14.72
36.42	5TH	14.34
35.74	3RD	14.07
35.20	2PD	13.86
34.27	1ST	13.49

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

,***

UPPER ARM CIRCUMFERENCE, RELAXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
37.25- 37.75	1	7884	0.01	100.00
36.75- 37.25	0	7883	0.00	99.99
36.25- 36.75	1	7883	0.01	99.99
35.75- 36.25	2	7882	0.03	99.97
35.25- 35.75	2	7880	0.03	99.95
34.75- 35.25	7	7878	0.09	99.92
34.25- 34.75	4	7871	0.05	99.84
33.75- 34.25	13	7867	0.16	99.78
33.25- 33.75	13	7854	0.16	99.62
32.75- 33.25	20	7841	0.25	99.45
32.25- 32.75	16	7821	0.20	99.20
31.75- 32.25	45	7805	0.57	99.00
31.25- 31.75	19	7760	0.24	98.43
30.75- 31.25	94	7741	1.19	98.19
30.25- 30.75	44	7647	0.56	96.99
29.75- 30.25	161	7603	2.04	96.44
29.25- 29.75	79	7442	1.00	94.39
28.75- 29.25	274	7363	3.48	93.39
28.25- 28.75	119	7089	1.50	89.92
27.75- 28.25	499	6971	6.33	88.42
27.25- 27.75	218	6472	2.74	82.09
26.75- 27.25	916	6256	11.62	79.35
26.25- 26.75	342	5340	4.34	67.73
25.75- 26.25	1101	4998	13.96	63.39
25.25- 25.75	399	3897	5.06	49.43
24.75- 25.25	1147	3498	14.55	44.37
24.25- 24.75	414	2351	5.25	29.82
23.75- 24.25	849	1937	10.77	24.57
23.25- 23.75	243	1088	3.08	13.80
22.75- 23.25	439	845	5.56	10.72
22.25- 22.75	136	407	1.73	5.16
21.75- 22.25	167	271	2.12	3.44
21.25- 21.75	35	104	0.44	1.32
20.75- 21.25	44	69	0.56	0.88
20.25- 20.75	11	25	0.14	0.32
19.75- 20.25	13	14	0.16	0.18
19.25- 19.75	0	1	0.00	0.01
18.75- 19.25	0	1	0.00	0.01
18.25- 18.75	0	1	0.00	0.01
17.75- 18.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
25.86	MEAN VALUE	10.18
0.02	SE(MEAN)	0.01
2.20	SD DEVIATION	0.87
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.67
KURTOSIS---VETA II = 4.16
COEF. OF VARIATION = 8.51

****



NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
32.29	99TH	12.71
31.24	98TH	12.30
30.62	97TH	12.06
29.83	95TH	11.75
28.72	90TH	11.31
28.04	85TH	11.04
27.53	80TH	10.84
27.12	75TH	10.68
26.77	70TH	10.54
26.45	65TH	10.41
26.17	60TH	10.30
25.90	55TH	10.20
25.64	50TH	10.09
25.39	45TH	10.00
25.14	40TH	9.90
24.89	35TH	9.80
24.64	30TH	9.70
24.36	25TH	9.59
24.06	20TH	9.47
23.72	15TH	9.34
23.29	10TH	9.17
22.65	5TH	8.92
22.22	3RD	8.75
21.90	2RD	8.62
21.37	1ST	8.41

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BICEPS CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
39.75- 40.25	1	7884	0.01	100.00
39.25- 39.75	1	7883	0.01	99.99
38.75- 39.25	4	7882	0.05	99.97
38.25- 38.75	4	7878	0.05	99.92
37.75- 38.25	5	7874	0.06	99.87
37.25- 37.75	7	7869	0.09	99.81
36.75- 37.25	12	7862	0.15	99.72
36.25- 36.75	6	7850	0.08	99.57
35.75- 36.25	22	7844	0.28	99.49
35.25- 35.75	27	7822	0.34	99.21
34.75- 35.25	47	7795	0.60	98.87
34.25- 34.75	24	7748	0.30	98.27
33.75- 34.25	70	7724	0.89	97.97
33.25- 33.75	37	7654	0.47	97.08
32.75- 33.25	144	7617	1.83	96.61
32.25- 32.75	67	7473	0.85	94.79
31.75- 32.25	222	7406	2.82	93.94
31.25- 31.75	98	7184	1.24	91.12
30.75- 31.25	426	7086	5.40	89.88
30.25- 30.75	195	6660	2.47	84.47
29.75- 30.25	784	6465	9.94	82.00
29.25- 29.75	233	5681	2.96	72.06
28.75- 29.25	912	5448	11.57	69.10
28.25- 28.75	339	4536	4.30	57.53
27.75- 28.25	1112	4197	14.10	53.23
27.25- 27.75	357	3085	4.53	39.13
26.75- 27.25	941	2728	11.94	34.60
26.25- 26.75	281	1787	3.56	22.67
25.75- 26.25	695	1506	8.82	19.10
25.25- 25.75	188	811	2.38	10.29
24.75- 25.25	318	623	4.03	7.90
24.25- 24.75	89	305	1.13	3.87
23.75- 24.25	115	216	1.46	2.74
23.25- 23.75	39	101	0.49	1.28
22.75- 23.25	39	62	0.49	0.79
22.25- 22.75	7	23	0.09	0.29
21.75- 22.25	12	16	0.15	0.20
21.25- 21.75	2	4	0.03	0.05
20.75- 21.25	1	2	0.01	0.03
20.25- 20.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
28.42	MEAN VALUE	11.19
0.03	SE(MEAN)	0.01
2.41	SD DEVIATION	0.95
0.02	SE(SD DEV)	0.01

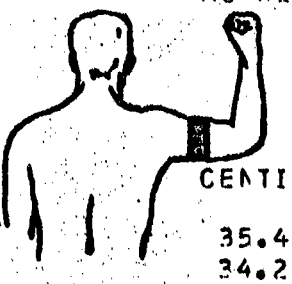
****

SYMMETRY---VETA I = 0.61
KURTOSIS---VETA II = 4.02
COEF. OF VARIATION = 8.47

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
35.48	99TH	13.97
34.29	98TH	13.50
33.59	97TH	13.23
32.72	95TH	12.88
31.51	90TH	12.40
30.77	85TH	12.11
30.23	80TH	11.90
29.79	75TH	11.73
29.41	70TH	11.58
29.07	65TH	11.45
28.77	60TH	11.33
28.48	55TH	11.21
28.20	50TH	11.10
27.93	45TH	10.99
27.66	40TH	10.89
27.38	35TH	10.78
27.10	30TH	10.67
26.80	25TH	10.55
26.46	20TH	10.42
26.08	15TH	10.27
25.59	10TH	10.07
24.87	5TH	9.79
24.39	3RD	9.60
24.03	2RD	9.46
23.45	1ST	9.23

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOREARM CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
33.75- 34.05	3	7884	0.04	100.00
33.45- 33.75	1	7881	0.01	99.96
33.15- 33.45	0	7880	0.00	99.95
32.85- 33.15	6	7880	0.08	99.95
32.55- 32.85	0	7874	0.00	99.87
32.25- 32.55	4	7874	0.05	99.87
31.95- 32.25	14	7870	0.18	99.82
31.65- 31.95	2	7856	0.03	99.64
31.35- 31.65	11	7854	0.14	99.62
31.05- 31.35	5	7843	0.06	99.48
30.75- 31.05	60	7839	0.76	99.42
30.45- 30.75	35	7778	0.45	98.66
30.15- 30.45	13	7742	0.16	98.20
29.85- 30.15	136	7729	2.36	98.03
29.55- 29.85	19	7593	0.24	95.67
29.25- 29.55	71	7574	0.90	95.43
28.95- 29.25	402	7453	5.10	94.53
28.65- 28.95	45	7051	0.57	89.43
28.35- 28.65	180	7006	2.28	88.86
28.05- 28.35	76	6826	0.96	86.58
27.75- 28.05	740	6750	9.39	85.62
27.45- 27.75	359	6010	4.55	76.23
27.15- 27.45	129	5651	1.62	71.68
26.85- 27.15	1077	5523	13.66	70.05
26.55- 26.85	108	4446	1.37	56.39
26.25- 26.55	415	4338	5.26	55.02
25.95- 26.25	1093	3923	13.94	49.76
25.65- 25.95	62	2824	0.79	35.82
25.35- 25.65	418	2762	5.30	35.03
25.05- 25.35	132	2344	1.67	29.73
24.75- 25.05	853	2212	10.82	28.06
24.45- 24.75	291	1359	3.69	17.24
24.15- 24.45	91	1068	1.15	13.55
23.85- 24.15	483	977	6.13	12.39
23.55- 23.85	32	494	0.41	6.27
23.25- 23.55	129	462	1.64	5.86
22.95- 23.25	190	333	2.41	4.22
22.65- 22.95	12	143	0.15	1.81
22.35- 22.65	44	131	0.56	1.66
22.05- 22.35	6	87	0.08	1.10
21.75- 22.05	41	81	0.52	1.03
21.45- 21.75	15	40	0.19	0.51
21.15- 21.45	2	25	0.03	0.32
20.85- 21.15	14	23	0.18	0.29
20.55- 20.85	1	9	0.01	0.11
20.25- 20.55	5	8	0.06	0.10
19.95- 20.25	2	3	0.03	0.04
19.65- 19.95	0	1	0.00	0.01
19.35- 19.65	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

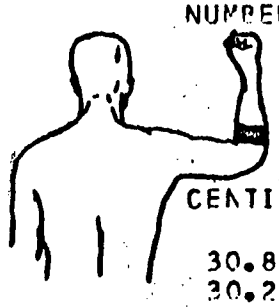
CENTIMETERS		INCHES
26.39	MEAN VALUE	10.39
0.02	SE(MEAN)	0.01
1.84	SD DEVIATION	0.73
0.01	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.14
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 6.98

****

NUMBER OF SUBJECTS = 7884.



****

THE PERCENTILES

CENTIMETERS		INCHES
30.82	99TH	12.13
30.29	98TH	11.92
29.94	97TH	11.79
29.47	95TH	11.60
28.75	90TH	11.32
28.27	85TH	11.13
27.89	80TH	10.98
27.57	75TH	10.85
27.28	70TH	10.74
27.03	65TH	10.64
26.78	60TH	10.54
26.55	55TH	10.45
26.32	50TH	10.36
26.10	45TH	10.27
25.87	40TH	10.19
25.64	35TH	10.10
25.40	30TH	10.00
25.14	25TH	9.90
24.85	20TH	9.79
24.52	15TH	9.65
24.10	10TH	9.49
23.47	5TH	9.24
23.04	3RD	9.07
22.72	2RD	8.95
22.19	1ST	8.74

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

WRIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
20.35- 20.55	1	7884	0.01	100.00
20.15- 20.35	0	7883	0.00	99.99
19.95- 20.15	7	7883	0.09	99.99
19.75- 19.95	0	7876	0.00	99.90
19.55- 19.75	1	7876	0.01	99.90
19.35- 19.55	11	7875	0.14	99.89
19.15- 19.35	6	7864	0.08	99.75
18.95- 19.15	102	7858	1.29	99.67
18.75- 18.95	4	7756	0.05	98.38
18.55- 18.75	11	7752	0.14	98.33
18.35- 18.55	98	7741	1.24	98.19
18.15- 18.35	61	7643	0.77	96.94
17.95- 18.15	708	7582	8.98	96.17
17.75- 17.95	62	6874	0.79	87.19
17.55- 17.75	84	6812	1.07	86.40
17.35- 17.55	478	6728	6.06	85.34
17.15- 17.35	274	6250	3.48	79.27
16.95- 17.15	1663	5976	21.09	75.80
16.75- 16.95	211	4313	2.68	54.71
16.55- 16.75	210	4102	2.66	52.03
16.35- 16.55	933	3892	11.83	49.37
16.15- 16.35	352	2959	4.46	37.53
15.95- 16.15	1391	2607	17.64	33.07
15.75- 15.95	120	1216	1.52	15.42
15.55- 15.75	109	1096	1.38	13.90
15.35- 15.55	394	987	5.00	12.52
15.15- 15.35	136	593	1.73	7.52
14.95- 15.15	328	457	4.16	5.80
14.75- 14.95	21	129	0.27	1.64
14.55- 14.75	16	108	0.20	1.37
14.35- 14.55	51	92	0.65	1.17
14.15- 14.35	7	41	0.09	0.52
13.95- 14.15	30	34	0.38	0.43
13.75- 13.95	0	4	0.00	0.05
13.55- 13.75	1	4	0.01	0.05
13.35- 13.55	3	3	0.04	0.04

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
16.65	MEAN VALUE	6.56
0.01	SE(MEAN)	0.00
0.92	SD DEVIATION	0.36
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.14
COEF. OF VARIATION = 5.52

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
18.95	99TH	7.46
18.62	98TH	7.33
18.42	97TH	7.25
18.17	95TH	7.15
17.81	90TH	7.01
17.58	85TH	6.92
17.40	80TH	6.85
17.25	75TH	6.79
17.12	70TH	6.74
17.00	65TH	6.69
16.88	60TH	6.65
16.77	55TH	6.60
16.66	50TH	6.56
16.55	45TH	6.52
16.44	40TH	6.47
16.33	35TH	6.43
16.21	30TH	6.38
16.07	25TH	6.33
15.92	20TH	6.27
15.75	15TH	6.20
15.53	10TH	6.11
15.20	5TH	5.98
14.98	3RD	5.90
14.83	2RD	5.84
14.58	1ST	5.74

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HAND CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
25.95- 26.15	1	7884	0.01	100.00
25.75- 25.95	0	7883	0.00	99.99
25.55- 25.75	0	7883	0.00	99.99
25.35- 25.55	0	7883	0.00	99.99
25.15- 25.35	0	7883	0.00	99.99
24.95- 25.15	3	7883	0.04	99.99
24.75- 24.95	0	7880	0.00	99.95
24.55- 24.75	0	7880	0.00	99.95
24.35- 24.55	7	7880	0.09	99.95
24.15- 24.35	4	7873	0.05	99.86
23.95- 24.15	65	7869	0.82	99.81
23.75- 23.95	2	7804	0.03	98.99
23.55- 23.75	8	7802	0.10	98.96
23.35- 23.55	49	7794	0.62	98.86
23.15- 23.35	16	7745	0.20	98.24
22.95- 23.15	406	7729	5.15	98.03
22.75- 22.95	23	7323	0.29	92.88
22.55- 22.75	31	7300	0.39	92.59
22.35- 22.55	352	7269	4.46	92.20
22.15- 22.35	113	6917	1.43	87.73
21.95- 22.15	1258	6804	15.96	86.30
21.75- 21.95	120	5546	1.52	70.34
21.55- 21.75	95	5426	1.20	68.82
21.35- 21.55	697	5331	8.84	67.62
21.15- 21.35	253	4634	3.21	58.78
20.95- 21.15	1706	4381	21.64	55.57
20.75- 20.95	162	2675	2.05	33.93
20.55- 20.75	147	2513	1.86	31.87
20.35- 20.55	627	2366	7.95	30.01
20.15- 20.35	184	1739	2.33	22.06
19.95- 20.15	874	1555	11.09	19.72
19.75- 19.95	42	681	0.53	8.64
19.55- 19.75	63	639	0.80	8.11
19.35- 19.55	235	576	2.98	7.31
19.15- 19.35	42	341	0.53	4.33
18.95- 19.15	187	299	2.37	3.79
18.75- 18.95	17	112	0.22	1.42
18.55- 18.75	15	95	0.19	1.20
18.35- 18.55	40	80	0.51	1.01
18.15- 18.35	7	40	0.09	0.51
17.95- 18.15	29	33	0.37	0.42
17.75- 17.95	0	4	0.00	0.05
17.55- 17.75	1	4	0.01	0.05
17.35- 17.55	1	3	0.01	0.04
17.15- 17.35	2	2	0.03	0.03

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
21.15	MEAN VALUE	8.33
0.01	SE(MEAN)	0.00
1.06	SD DEVIATION	0.42
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.00
KURTOSIS---VETA II = 3.16
COEF. OF VARIATION = 5.02

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
23.79	99TH	9.37
23.40	98TH	9.21
23.18	97TH	9.12
22.89	95TH	9.01
22.48	90TH	8.85
22.22	85TH	8.75
22.02	80TH	8.67
21.85	75TH	8.60
21.70	70TH	8.54
21.56	65TH	8.49
21.43	60TH	8.44
21.31	55TH	8.39
21.18	50TH	8.34
21.05	45TH	8.29
20.92	40TH	8.24
20.79	35TH	8.18
20.64	30TH	8.13
20.48	25TH	8.06
20.30	20TH	7.99
20.09	15TH	7.91
19.81	10TH	7.80
19.40	5TH	7.64
19.12	3RD	7.53
18.92	2RD	7.45
18.60	1ST	7.32

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CROTCH-THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
69.25- 70.25	3	7883	0.04	100.00
68.25- 69.25	3	7880	0.04	99.96
67.25- 68.25	10	7877	0.13	99.92
66.25- 67.25	9	7867	0.11	99.80
65.25- 66.25	12	7858	0.15	99.68
64.25- 65.25	14	7846	0.18	99.53
63.25- 64.25	30	7832	0.38	99.35
62.25- 63.25	40	7802	0.51	98.97
61.25- 62.25	62	7762	0.79	98.47
60.25- 61.25	97	7700	1.23	97.68
59.25- 60.25	127	7603	1.61	96.45
58.25- 59.25	192	7476	2.44	94.84
57.25- 58.25	275	7284	3.49	92.40
56.25- 57.25	362	7009	4.59	88.91
55.25- 56.25	450	6647	5.71	84.32
54.25- 55.25	584	6197	7.41	78.61
53.25- 54.25	708	5613	8.98	71.20
52.25- 53.25	744	4905	9.44	62.22
51.25- 52.25	769	4161	9.76	52.78
50.25- 51.25	801	3392	10.16	43.03
49.25- 50.25	818	2591	10.38	32.87
48.25- 49.25	602	1773	7.64	22.49
47.25- 48.25	397	1171	5.04	14.85
46.25- 47.25	323	774	4.10	9.82
45.25- 46.25	210	451	2.66	5.72
44.25- 45.25	137	241	1.74	3.06
43.25- 44.25	45	104	0.57	1.32
42.25- 43.25	25	59	0.32	0.75
41.25- 42.25	15	34	0.19	0.43
40.25- 41.25	12	19	0.15	0.24
39.25- 40.25	7	7	0.09	0.09

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
52.44	MEAN VALUE	20.64
0.05	SE(MEAN)	0.02
4.10	SD DEVIATION	1.61
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.42
KURTOSIS---VETA II = 3.56
COEF. OF VARIATION = 7.81

****

NUMBER OF SUBJECTS = 7883.

****



THE PERCENTILES

CENTIMETERS		INCHES
63.31	99TH	24.93
61.67	98TH	24.28
60.68	97TH	23.89
59.40	95TH	23.39
57.55	90TH	22.66
56.38	85TH	22.20
55.49	80TH	21.85
54.75	75TH	21.56
54.11	70TH	21.30
53.53	65TH	21.07
52.99	60TH	20.86
52.48	55TH	20.66
51.98	50TH	20.47
51.50	45TH	20.27
51.01	40TH	20.08
50.52	35TH	19.89
50.01	30TH	19.69
49.46	25TH	19.47
48.86	20TH	19.23
48.17	15TH	18.96
47.31	10TH	18.62
46.04	5TH	18.13
45.23	3RD	17.81
44.63	2RD	17.57
43.68	1ST	17.20

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

LOWER THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
48.75- 49.25	1	7884	0.01	100.00
48.25- 48.75	1	7883	0.01	99.99
47.75- 48.25	1	7882	0.01	99.97
47.25- 47.75	3	7881	0.04	99.96
46.75- 47.25	5	7878	0.06	99.92
46.25- 46.75	3	7873	0.04	99.86
45.75- 46.25	11	7870	0.14	99.82
45.25- 45.75	4	7859	0.05	99.68
44.75- 45.25	14	7855	0.18	99.63
44.25- 44.75	8	7841	0.10	99.45
43.75- 44.25	26	7833	0.33	99.35
43.25- 43.75	9	7807	0.11	99.02
42.75- 43.25	43	7798	0.55	98.91
42.25- 42.75	22	7755	0.28	98.36
41.75- 42.25	107	7733	1.36	98.08
41.25- 41.75	54	7626	0.68	96.73
40.75- 41.25	189	7572	2.40	96.04
40.25- 40.75	91	7383	1.15	93.65
39.75- 40.25	328	7292	4.16	92.49
39.25- 39.75	150	6964	1.90	88.33
38.75- 39.25	545	6814	6.91	86.43
38.25- 38.75	202	6269	2.56	79.52
37.75- 38.25	763	6067	9.68	76.95
37.25- 37.75	311	5304	3.94	67.28
36.75- 37.25	908	4993	11.52	63.33
36.25- 36.75	290	4085	3.68	51.81
35.75- 36.25	960	3795	12.18	48.14
35.25- 35.75	284	2835	3.60	35.96
34.75- 35.25	816	2551	10.35	32.36
34.25- 34.75	286	1735	3.63	22.01
33.75- 34.25	590	1449	7.48	18.38
33.25- 33.75	155	859	1.97	10.90
32.75- 33.25	296	704	3.75	8.93
32.25- 32.75	91	408	1.15	5.18
31.75- 32.25	159	317	2.02	4.02
31.25- 31.75	37	158	0.47	2.00
30.75- 31.25	61	121	0.77	1.53
30.25- 30.75	20	60	0.25	0.76
29.75- 30.25	29	40	0.37	0.51
29.25- 29.75	4	11	0.05	0.14
28.75- 29.25	1	7	0.01	0.09
28.25- 28.75	1	6	0.01	0.08
27.75- 28.25	5	5	0.06	0.06

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
36.63	MEAN VALUE	14.42
0.03	SE(MEAN)	0.01
2.59	SD DEVIATION	1.02
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.36
KURTOSIS---VETA II = 3.67
COEF. OF VARIATION = 7.07

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

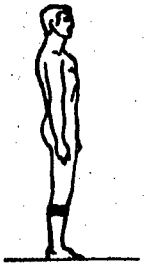
CENTIMETERS		INCHES
43.50	99TH	17.13
42.46	98TH	16.71
41.83	97TH	16.47
41.04	95TH	16.16
39.90	90TH	15.71
39.19	85TH	15.43
38.65	80TH	15.22
38.20	75TH	15.04
37.81	70TH	14.89
37.46	65TH	14.75
37.13	60TH	14.62
36.82	55TH	14.49
36.51	50TH	14.37
36.20	45TH	14.25
35.90	40TH	14.13
35.58	35TH	14.01
35.26	30TH	13.88
34.90	25TH	13.74
34.51	20TH	13.59
34.05	15TH	13.41
33.47	10TH	13.18
32.61	5TH	12.84
32.05	3RD	12.62
31.63	2RD	12.45
30.98	1ST	12.20

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CALF CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
44.25- 44.75	1	7884	0.01	100.00
43.75- 44.25	2	7883	0.03	99.99
43.25- 43.75	1	7881	0.01	99.96
42.75- 43.25	2	7880	0.03	99.95
42.25- 42.75	2	7878	0.03	99.92
41.75- 42.25	5	7876	0.06	99.90
41.25- 41.75	4	7871	0.05	99.84
40.75- 41.25	8	7867	0.10	99.78
40.25- 40.75	12	7859	0.15	99.68
39.75- 40.25	32	7847	0.41	99.53
39.25- 39.75	20	7815	0.25	99.12
38.75- 39.25	56	7795	0.71	98.87
38.25- 38.75	46	7739	0.58	98.16
37.75- 38.25	131	7693	1.66	97.58
37.25- 37.75	112	7562	1.42	95.92
36.75- 37.25	250	7450	3.17	94.50
36.25- 36.75	204	7200	2.59	91.32
35.75- 36.25	406	6996	5.15	88.74
35.25- 35.75	326	6590	4.13	83.59
34.75- 35.25	709	6264	8.99	79.45
34.25- 34.75	487	5555	6.18	70.46
33.75- 34.25	923	5068	11.71	64.28
33.25- 33.75	473	4145	6.00	52.57
32.75- 33.25	928	3672	11.77	46.58
32.25- 32.75	495	2744	6.28	34.80
31.75- 32.25	769	2249	9.75	28.53
31.25- 31.75	315	1480	4.00	18.77
30.75- 31.25	532	1165	6.75	14.78
30.25- 30.75	217	633	2.75	8.03
29.75- 30.25	248	416	3.15	5.28
29.25- 29.75	64	168	0.81	2.13
28.75- 29.25	65	104	0.82	1.32
28.25- 28.75	13	39	0.16	0.49
27.75- 28.25	14	26	0.18	0.33
27.25- 27.75	6	12	0.08	0.15
26.75- 27.25	4	6	0.05	0.08
26.25- 26.75	1	2	0.01	0.03
25.75- 26.25	1	1	0.01	0.01



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.63	MEAN VALUE	13.24
0.02	SE(MEAN)	0.01
2.21	SD DEVIATION	0.87
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.40
KURTOSIS---VETA II = 3.48
COEF. OF VARIATION = 6.56

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
39.48	99TH	15.55
38.62	98TH	15.20
38.10	97TH	15.00
37.43	95TH	14.74
36.47	90TH	14.36
35.86	85TH	14.12
35.40	80TH	13.94
35.00	75TH	13.78
34.66	70TH	13.65
34.35	65TH	13.52
34.06	60TH	13.41
33.78	55TH	13.30
33.51	50TH	13.19
33.24	45TH	13.09
32.97	40TH	12.98
32.69	35TH	12.87
32.41	30TH	12.76
32.10	25TH	12.64
31.76	20TH	12.50
31.38	15TH	12.35
30.91	10TH	12.17
30.24	5TH	11.91
29.84	3RD	11.75
29.55	2RD	11.63
29.14	1ST	11.47

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

ANKLE CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
26.95- 27.15	1	7884	0.01	100.00
26.75- 26.95	0	7883	0.00	99.99
26.55- 26.75	0	7883	0.00	99.99
26.35- 26.55	2	7883	0.03	99.99
26.15- 26.35	0	7881	0.00	99.96
25.95- 26.15	4	7881	0.05	99.96
25.75- 25.95	0	7877	0.00	99.91
25.55- 25.75	0	7877	0.00	99.91
25.35- 25.55	3	7877	0.04	99.91
25.15- 25.35	2	7874	0.03	99.87
24.95- 25.15	27	7872	0.34	99.85
24.75- 24.95	5	7845	0.06	99.51
24.55- 24.75	5	7840	0.06	99.44
24.35- 24.55	27	7835	0.34	99.38
24.15- 24.35	17	7808	0.22	99.04
23.95- 24.15	148	7791	1.88	98.82
23.75- 23.95	18	7643	0.23	96.94
23.55- 23.75	23	7625	0.29	96.71
23.35- 23.55	115	7602	1.46	96.42
23.15- 23.35	58	7487	0.74	94.96
22.95- 23.15	521	7429	6.61	94.23
22.75- 22.95	80	6908	1.01	87.62
22.55- 22.75	76	6828	0.96	86.61
22.35- 22.55	369	6752	4.68	85.64
22.15- 22.35	192	6383	2.44	80.96
21.95- 22.15	1158	6191	14.69	78.53
21.75- 21.95	195	5033	2.47	63.84
21.55- 21.75	108	4838	1.37	61.36
21.35- 21.55	662	4730	8.40	59.99
21.15- 21.35	337	4068	4.27	51.60
20.95- 21.15	1318	3731	16.72	47.32
20.75- 20.95	218	2413	2.77	30.61
20.55- 20.75	153	2195	1.94	27.84
20.35- 20.55	530	2042	6.72	25.90
20.15- 20.35	167	1512	2.12	19.18
19.95- 20.15	794	1345	10.07	17.06
19.75- 19.95	73	551	0.93	6.99
19.55- 19.75	44	478	0.56	6.06
19.35- 19.55	167	434	2.12	5.50
19.15- 19.35	53	267	0.67	3.39
18.95- 19.15	138	214	1.75	2.71
18.75- 18.95	11	76	0.14	0.96
18.55- 18.75	9	65	0.11	0.82
18.35- 18.55	26	56	0.33	0.71
18.15- 18.35	9	30	0.11	0.38
17.95- 18.15	15	21	0.19	0.27
17.75- 17.95	2	6	0.03	0.08
17.55- 17.75	0	4	0.00	0.05
17.35- 17.55	4	4	0.05	0.05

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
21.37	MEAN VALUE	8.41
0.01	SE(MEAN)	0.01
1.18	SD DEVIATION	0.46
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.26
KURTOSIS---VETA II = 3.30
COEF. OF VARIATION = 5.51

****

NUMBER OF SUBJECTS = 7884.

****



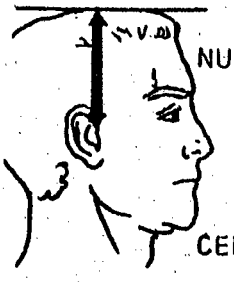
THE PERCENTILES

CENTIMETERS		INCHES
24.42	99TH	9.61
24.02	98TH	9.46
23.77	97TH	9.36
23.44	95TH	9.23
22.95	90TH	9.03
22.62	85TH	8.91
22.37	80TH	8.81
22.16	75TH	8.72
21.97	70TH	8.65
21.80	65TH	8.58
21.64	60TH	8.52
21.49	55TH	8.46
21.34	50TH	8.40
21.19	45TH	8.34
21.04	40TH	8.28
20.89	35TH	8.23
20.74	30TH	8.16
20.57	25TH	8.10
20.38	20TH	8.03
20.17	15TH	7.94
19.91	10TH	7.84
19.54	5TH	7.69
19.30	3RD	7.60
19.13	2RD	7.53
18.87	1ST	7.43

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR HEAD HEIGHT (TRAGION-TO-VERTEX)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
15.35- 15.55	1	7884	0.01	100.00
15.15- 15.35	0	7883	0.00	99.99
14.95- 15.15	2	7883	0.03	99.99
14.75- 14.95	13	7881	0.16	99.96
14.55- 14.75	16	7868	0.20	99.80
14.35- 14.55	48	7852	0.61	99.59
14.15- 14.35	108	7804	1.37	98.99
13.95- 14.15	146	7696	1.85	97.62
13.75- 13.95	208	7550	2.64	95.76
13.55- 13.75	309	7342	3.92	93.13
13.35- 13.55	564	7033	7.15	89.21
13.15- 13.35	738	6469	9.36	82.05
12.95- 13.15	804	5731	10.20	72.69
12.75- 12.95	761	4927	9.65	62.49
12.55- 12.75	828	4166	10.50	52.84
12.35- 12.55	850	3338	10.78	42.34
12.15- 12.35	719	2488	9.12	31.56
11.95- 12.15	522	1769	6.62	22.44
11.75- 11.95	382	1247	4.85	15.82
11.55- 11.75	278	865	3.53	10.97
11.35- 11.55	243	587	3.08	7.45
11.15- 11.35	123	344	1.56	4.36
10.95- 11.15	115	221	1.46	2.80
10.75- 10.95	44	106	0.56	1.34
10.55- 10.75	24	62	0.30	0.79
10.35- 10.55	24	38	0.30	0.48
10.15- 10.35	11	14	0.14	0.18
9.95- 10.15	2	3	0.03	0.04
9.75- 9.95	1	1	0.01	0.01



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.68	MEAN VALUE	4.99
0.01	SE(MEAN)	0.00
0.75	SD DEVIATION	0.29
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = -0.18
KURTOSIS---VETA II = 3.13
COEF. OF VARIATION = 5.91

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
14.38	99TH	5.66
14.18	98TH	5.58
14.05	97TH	5.53
13.88	95TH	5.47
13.62	90TH	5.36
13.45	85TH	5.30
13.31	80TH	5.24
13.19	75TH	5.19
13.09	70TH	5.15
12.99	65TH	5.11
12.89	60TH	5.08
12.80	55TH	5.04
12.71	50TH	5.00
12.61	45TH	4.97
12.52	40TH	4.93
12.42	35TH	4.89
12.31	30TH	4.85
12.19	25TH	4.80
12.06	20TH	4.75
11.90	15TH	4.69
11.70	10TH	4.61
11.40	5TH	4.49
11.20	3RD	4.41
11.05	2RD	4.35
10.81	1ST	4.26

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HEAD LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
21.35- 21.55	1	7884	0.01	100.00
21.15- 21.35	2	7883	0.03	99.99
20.95- 21.15	5	7881	0.06	99.96
20.75- 20.95	10	7876	0.13	99.90
20.55- 20.75	17	7866	0.22	99.77
20.35- 20.55	54	7849	0.68	99.56
20.15- 20.35	80	7795	1.01	98.87
19.95- 20.15	193	7715	2.45	97.86
19.75- 19.95	223	7522	2.83	95.41
19.55- 19.75	441	7299	5.59	92.58
19.35- 19.55	618	6858	7.84	86.99
19.15- 19.35	725	6240	9.20	79.15
18.95- 19.15	969	5515	12.29	69.95
18.75- 18.95	703	4546	8.92	57.66
18.55- 18.75	780	3843	9.89	48.74
18.35- 18.55	771	3063	9.78	38.85
18.15- 18.35	589	2292	7.47	29.07
17.95- 18.15	537	1703	6.81	21.60
17.75- 17.95	326	1166	4.13	14.79
17.55- 17.75	283	840	3.59	10.65
17.35- 17.55	226	557	2.87	7.06
17.15- 17.35	147	331	1.86	4.20
16.95- 17.15	97	184	1.23	2.33
16.75- 16.95	39	87	0.49	1.10
16.55- 16.75	30	48	0.38	0.61
16.35- 16.55	14	18	0.18	0.23
16.15- 16.35	2	4	0.03	0.05
15.95- 16.15	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.73	MEAN VALUE	7.37
0.01	SE(MEAN)	0.00
0.75	SD DEVIATION	0.30
0.01	SE(SD DEV)	0.00

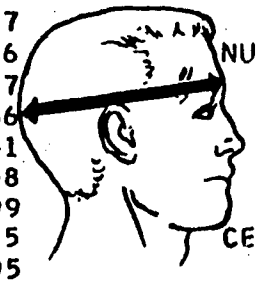
****

SYMMETRY---VETA I = -0.22
KURTOSIS---VETA II = 2.96
COEF. OF VARIATION = 4.02

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
20.39	99TH	8.03
20.19	98TH	7.95
20.06	97TH	7.90
19.90	95TH	7.84
19.67	90TH	7.74
19.51	85TH	7.68
19.38	80TH	7.63
19.27	75TH	7.58
19.16	70TH	7.54
19.06	65TH	7.51
18.97	60TH	7.47
18.88	55TH	7.43
18.78	50TH	7.39
18.68	45TH	7.36
18.58	40TH	7.32
18.48	35TH	7.27
18.36	30TH	7.23
18.24	25TH	7.18
18.10	20TH	7.13
17.93	15TH	7.06
17.72	10TH	6.98
17.42	5TH	6.86
17.23	3RD	6.78
17.09	2RD	6.73
16.90	1ST	6.65

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

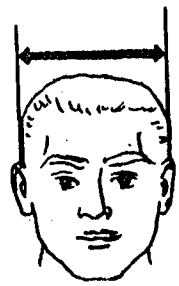
.....

HEAD BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
17.25- 17.35	2	7884	0.03	100.00
17.15- 17.25	2	7882	0.03	99.97
17.05- 17.15	1	7880	0.01	99.95
16.95- 17.05	9	7879	0.11	99.94
16.85- 16.95	7	7870	0.09	99.82
16.75- 16.85	5	7863	0.06	99.73
16.65- 16.75	11	7858	0.14	99.67
16.55- 16.65	10	7847	0.13	99.53
16.45- 16.55	30	7837	0.38	99.40
16.35- 16.45	30	7807	0.38	99.02
16.25- 16.35	48	7777	0.61	98.64
16.15- 16.25	82	7729	1.04	98.03
16.05- 16.15	77	7647	0.98	96.99
15.95- 16.05	148	7570	1.88	96.02
15.85- 15.95	89	7422	1.13	94.14
15.75- 15.85	173	7333	2.19	93.01
15.65- 15.75	212	7160	2.69	90.82
15.55- 15.65	213	6948	2.70	88.13
15.45- 15.55	322	6735	4.08	85.43
15.35- 15.45	232	6413	2.94	81.34
15.25- 15.35	301	6181	3.82	78.40
15.15- 15.25	336	5880	4.26	74.58
15.05- 15.15	317	5544	4.02	70.32
14.95- 15.05	549	5227	6.96	66.30
14.85- 14.95	328	4678	4.16	59.34
14.75- 14.85	481	4350	6.10	55.18
14.65- 14.75	445	3869	5.64	49.07
14.55- 14.65	504	3424	6.39	43.43
14.45- 14.55	528	2920	6.70	37.04
14.35- 14.45	409	2392	5.19	30.34
14.25- 14.35	391	1983	4.96	25.15
14.15- 14.25	352	1592	4.46	20.19
14.05- 14.15	305	1240	3.87	15.73
13.95- 14.05	331	935	4.20	11.86
13.85- 13.95	112	604	1.42	7.66
13.75- 13.85	167	492	2.12	6.24
13.65- 13.75	102	325	1.29	4.12
13.55- 13.65	96	223	1.22	2.83
13.45- 13.55	49	127	0.62	1.61
13.35- 13.45	26	78	0.33	0.99
13.25- 13.35	13	52	0.16	0.66
13.15- 13.25	20	39	0.25	0.49
13.05- 13.15	6	19	0.08	0.24
12.95- 13.05	7	13	0.09	0.16
12.85- 12.95	2	6	0.03	0.08
12.75- 12.85	1	4	0.01	0.05
12.65- 12.75	1	3	0.01	0.04
12.55- 12.65	1	2	0.01	0.03
12.45- 12.55	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
14.82	MEAN VALUE	5.83
0.01	SE(MEAN)	0.00
0.67	SD DEVIATION	0.26
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.28
KURTOSIS---VETA II = 2.92
COEF. OF VARIATION = 4.50

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
16.43	99TH	6.47
16.27	98TH	6.40
16.15	97TH	6.36
15.99	95TH	6.29
15.72	90TH	6.19
15.53	85TH	6.12
15.39	80TH	6.06
15.26	75TH	6.01
15.15	70TH	5.96
15.05	65TH	5.92
14.95	60TH	5.89
14.86	55TH	5.85
14.77	50TH	5.82
14.69	45TH	5.78
14.60	40TH	5.75
14.52	35TH	5.72
14.43	30TH	5.68
14.34	25TH	5.65
14.24	20TH	5.61
14.13	15TH	5.56
13.99	10TH	5.51
13.80	5TH	5.43
13.68	3RD	5.38
13.59	2RD	5.35
13.44	1ST	5.29

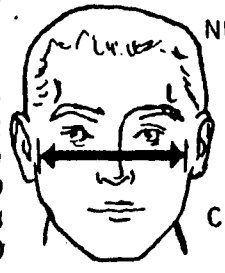
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

FACE BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
14.95- 15.15	1	7884	0.01	100.00
14.75- 14.95	0	7883	0.00	99.99
14.55- 14.75	0	7883	0.00	99.99
14.35- 14.55	3	7883	0.04	99.99
14.15- 14.35	3	7880	0.04	99.95
13.95- 14.15	14	7877	0.18	99.91
13.75- 13.95	33	7863	0.42	99.73
13.55- 13.75	56	7830	0.71	99.32
13.35- 13.55	151	7774	1.92	98.60
13.15- 13.35	190	7623	2.41	96.69
12.95- 13.15	408	7433	5.18	94.28
12.75- 12.95	453	7025	5.75	89.10
12.55- 12.75	665	6572	8.43	83.36
12.35- 12.55	889	5907	11.28	74.92
12.15- 12.35	924	5018	11.72	63.65
11.95- 12.15	1108	4094	14.05	51.93
11.75- 11.95	759	2986	9.63	37.87
11.55- 11.75	773	2227	9.80	28.25
11.35- 11.55	553	1454	7.01	18.44
11.15- 11.35	385	901	4.88	11.43
10.95- 11.15	327	516	4.15	6.54
10.75- 10.95	82	189	1.04	2.40
10.55- 10.75	55	107	0.70	1.36
10.35- 10.55	36	52	0.46	0.66
10.15- 10.35	14	16	0.18	0.20
9.95- 10.15	2	2	0.03	0.03



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.13	MEAN VALUE	4.77
0.01	SE(MEAN)	0.00
0.65	SD DEVIATION	0.25
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 2.95
COEF. OF VARIATION = 5.32

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
13.66	99TH	5.38
13.49	98TH	5.31
13.37	97TH	5.27
13.22	95TH	5.20
12.97	90TH	5.11
12.81	85TH	5.04
12.68	80TH	4.99
12.57	75TH	4.95
12.47	70TH	4.91
12.37	65TH	4.87
12.29	60TH	4.84
12.20	55TH	4.80
12.12	50TH	4.77
12.04	45TH	4.74
11.96	40TH	4.71
11.87	35TH	4.67
11.79	30TH	4.64
11.69	25TH	4.60
11.59	20TH	4.56
11.47	15TH	4.51
11.32	10TH	4.45
11.09	5TH	4.37
10.95	3RD	4.31
10.84	2RD	4.27
10.67	1ST	4.20

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BITRAGION DIAMETER

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
15.35- 15.45	1	7884	0.01	100.00
15.25- 15.35	1	7883	0.01	99.99
15.15- 15.25	0	7882	0.00	99.97
15.05- 15.15	1	7882	0.01	99.97
14.95- 15.05	3	7881	0.04	99.96
14.85- 14.95	4	7878	0.05	99.92
14.75- 14.85	12	7874	0.15	99.87
14.65- 14.75	13	7862	0.16	99.72
14.55- 14.65	26	7849	0.33	99.56
14.45- 14.55	38	7823	0.48	99.23
14.35- 14.45	49	7785	0.62	98.74
14.25- 14.35	82	7736	1.04	98.12
14.15- 14.25	116	7654	1.47	97.08
14.05- 14.15	160	7538	2.03	95.61
13.95- 14.05	293	7378	3.72	93.58
13.85- 13.95	181	7085	2.30	89.87
13.75- 13.85	316	6904	4.01	87.57
13.65- 13.75	347	6588	4.40	83.56
13.55- 13.65	517	6241	6.56	79.16
13.45- 13.55	551	5724	6.99	72.60
13.35- 13.45	520	5173	6.60	65.61
13.25- 13.35	547	4653	6.94	59.02
13.15- 13.25	596	4106	7.56	52.08
13.05- 13.15	566	3510	7.18	44.52
12.95- 13.05	703	2944	8.92	37.34
12.85- 12.95	356	2241	4.52	28.42
12.75- 12.85	483	1885	6.13	23.91
12.65- 12.75	335	1402	4.25	17.78
12.55- 12.65	325	1067	4.12	13.53
12.45- 12.55	265	742	3.36	9.41
12.35- 12.45	153	477	1.94	6.05
12.25- 12.35	108	324	1.37	4.11
12.15- 12.25	87	216	1.10	2.74
12.05- 12.15	64	129	0.81	1.64
11.95- 12.05	36	65	0.46	0.82
11.85- 11.95	11	29	0.14	0.37
11.75- 11.85	8	18	0.10	0.23
11.65- 11.75	3	10	0.04	0.13
11.55- 11.65	5	7	0.06	0.09
11.45- 11.55	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
13.24	MEAN VALUE	5.21
0.01	SE(MEAN)	0.00
0.53	SD DEVIATION	0.21
0.00	SE(SD DEV)	0.00

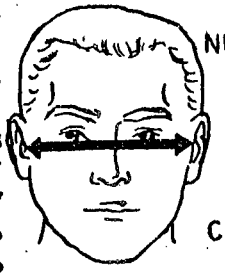
****

SYMMETRY---VETA I = 0.12
KURTOSIS---VETA II = 2.94
COEF. OF VARIATION = 3.98

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
14.50	99TH	5.71
14.35	98TH	5.65
14.25	97TH	5.61
14.12	95TH	5.56
13.92	90TH	5.48
13.79	85TH	5.43
13.68	80TH	5.39
13.59	75TH	5.35
13.51	70TH	5.32
13.43	65TH	5.29
13.36	60TH	5.26
13.30	55TH	5.23
13.23	50TH	5.21
13.16	45TH	5.18
13.09	40TH	5.15
13.02	35TH	5.13
12.95	30TH	5.10
12.87	25TH	5.07
12.79	20TH	5.03
12.69	15TH	5.00
12.56	10TH	4.95
12.39	5TH	4.88
12.27	3RD	4.83
12.19	2RD	4.80
12.07	1ST	4.75

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FACE LENGTH (MENTON-NASAL ROOT DEPRESSION)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
14.55- 14.65	1	7884	0.01	100.00
14.45- 14.55	0	7883	0.00	99.99
14.35- 14.45	6	7883	0.08	99.99
14.25- 14.35	1	7877	0.01	99.91
14.15- 14.25	1	7876	0.01	99.90
14.05- 14.15	6	7875	0.08	99.89
13.95- 14.05	5	7869	0.06	99.81
13.85- 13.95	15	7864	0.19	99.75
13.75- 13.85	15	7849	0.19	99.56
13.65- 13.75	24	7834	0.30	99.37
13.55- 13.65	22	7810	0.28	99.06
13.45- 13.55	52	7788	0.66	98.78
13.35- 13.45	43	7736	0.55	98.12
13.25- 13.35	66	7693	0.84	97.58
13.15- 13.25	117	7627	1.48	96.74
13.05- 13.15	125	7510	1.59	95.26
12.95- 13.05	231	7385	2.93	93.67
12.85- 12.95	256	7154	3.25	90.74
12.75- 12.85	236	6898	2.99	87.49
12.65- 12.75	386	6662	4.90	84.50
12.55- 12.65	293	6276	3.72	79.60
12.45- 12.55	529	5983	6.71	75.89
12.35- 12.45	382	5454	4.85	69.18
12.25- 12.35	436	5072	5.53	64.33
12.15- 12.25	515	4636	6.53	58.80
12.05- 12.15	421	4121	5.34	52.27
11.95- 12.05	735	3700	9.32	46.93
11.85- 11.95	487	2965	6.18	37.61
11.75- 11.85	365	2478	4.63	31.43
11.65- 11.75	427	2113	5.42	26.80
11.55- 11.65	305	1686	3.87	21.39
11.45- 11.55	360	1381	4.57	17.52
11.35- 11.45	209	1021	2.65	12.95
11.25- 11.35	211	812	2.68	10.30
11.15- 11.25	191	601	2.42	7.62
11.05- 11.15	110	410	1.40	5.20
10.95- 11.05	129	300	1.64	3.81
10.85- 10.95	49	171	0.62	2.17
10.75- 10.85	37	122	0.47	1.55
10.65- 10.75	26	85	0.33	1.08
10.55- 10.65	18	59	0.23	0.75
10.45- 10.55	25	41	0.32	0.52
10.35- 10.45	6	16	0.08	0.20
10.25- 10.35	4	10	0.05	0.13
10.15- 10.25	4	6	0.05	0.08
10.05- 10.15	0	2	0.00	0.03
9.95- 10.05	2	2	0.03	0.03

*IN CENTIMETERS

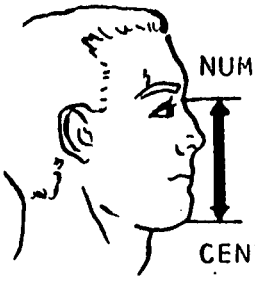
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.13	MEAN VALUE	4.78
0.01	SE(MEAN)	0.00
0.61	SD DEVIATION	0.24
0.00	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.09
KURTOSIS---VETA II = 3.09
COEF. OF VARIATION = 5.06

****



NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
13.62	99TH	5.36
13.42	98TH	5.29
13.31	97TH	5.24
13.15	95TH	5.18
12.92	90TH	5.08
12.76	85TH	5.02
12.64	80TH	4.98
12.54	75TH	4.94
12.44	70TH	4.90
12.36	65TH	4.87
12.28	60TH	4.83
12.20	55TH	4.80
12.13	50TH	4.77
12.05	45TH	4.74
11.97	40TH	4.71
11.89	35TH	4.68
11.81	30TH	4.65
11.72	25TH	4.61
11.62	20TH	4.57
11.50	15TH	4.53
11.35	10TH	4.47
11.14	5TH	4.38
11.00	3RD	4.33
10.90	2RD	4.29
10.74	1ST	4.23

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

INTERPUPILLARY DISTANCE

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
7.45-	7.55	1	7884	0.01	100.00
7.35-	7.45	0	7883	0.00	99.99
7.25-	7.35	0	7883	0.00	99.99
7.15-	7.25	5	7883	0.06	99.99
7.05-	7.15	13	7878	0.16	99.92
6.95-	7.05	44	7865	0.56	99.76
6.85-	6.95	40	7821	0.51	99.20
6.75-	6.85	91	7781	1.15	98.69
6.65-	6.75	131	7690	1.66	97.54
6.55-	6.65	233	7559	2.96	95.88
6.45-	6.55	557	7326	7.06	92.92
6.35-	6.45	431	6769	5.47	85.86
6.25-	6.35	678	6338	8.60	80.39
6.15-	6.25	884	5660	11.21	71.79
6.05-	6.15	801	4776	10.16	60.58
5.95-	6.05	1551	3975	19.67	50.42
5.85-	5.95	614	2424	7.79	30.75
5.75-	5.85	659	1810	8.36	22.96
5.65-	5.75	439	1151	5.57	14.60
5.55-	5.65	318	712	4.03	9.03
5.45-	5.55	279	394	3.54	5.00
5.35-	5.45	41	115	0.52	1.46
5.25-	5.35	34	74	0.43	0.94
5.15-	5.25	28	40	0.36	0.51
5.05-	5.15	7	12	0.09	0.15
4.95-	5.05	5	5	0.06	0.06

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
6.08	MEAN VALUE	2.39
0.00	SE(MEAN)	0.00
0.32	SD DEVIATION	0.13
0.00	SE(SD DEV)	0.00

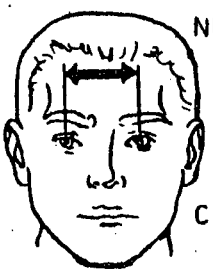
****

SYMMETRY---VETA I = 0.17
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 5.30

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
6.91	99TH	2.72
6.79	98TH	2.67
6.72	97TH	2.65
6.63	95TH	2.61
6.50	90TH	2.56
6.41	85TH	2.52
6.34	80TH	2.50
6.29	75TH	2.48
6.24	70TH	2.46
6.19	65TH	2.44
6.15	60TH	2.42
6.11	55TH	2.41
6.07	50TH	2.39
6.03	45TH	2.38
5.99	40TH	2.36
5.95	35TH	2.34
5.91	30TH	2.33
5.86	25TH	2.31
5.81	20TH	2.29
5.75	15TH	2.27
5.68	10TH	2.24
5.57	5TH	2.19
5.50	3RD	2.16
5.45	2RD	2.14
5.36	1ST	2.11

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

FOOT LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
31.95- 32.25	1	7884	0.01	100.00
31.65- 31.95	0	7883	0.00	99.99
31.35- 31.65	0	7883	0.00	99.99
31.05- 31.35	0	7883	0.00	99.99
30.75- 31.05	2	7883	0.03	99.99
30.45- 30.75	1	7881	0.01	99.96
30.15- 30.45	0	7880	0.00	99.95
29.85- 30.15	5	7880	0.06	99.95
29.55- 29.85	4	7875	0.05	99.89
29.25- 29.55	29	7871	0.37	99.84
28.95- 29.25	63	7842	0.80	99.47
28.65- 28.95	6	7779	0.08	98.67
28.35- 28.65	120	7773	1.52	98.59
28.05- 28.35	22	7653	0.28	97.07
27.75- 28.05	257	7631	3.26	96.79
27.45- 27.75	558	7374	7.08	93.53
27.15- 27.45	74	6816	0.94	86.45
26.85- 27.15	813	6742	10.31	85.51
26.55- 26.85	73	5929	0.93	75.20
26.25- 26.55	1132	5856	14.36	74.28
25.95- 26.25	1292	4724	16.39	59.92
25.65- 25.95	58	3432	0.74	43.53
25.35- 25.65	1194	3374	15.14	42.80
25.05- 25.35	100	2180	1.27	27.65
24.75- 25.05	844	2080	10.71	26.38
24.45- 24.75	626	1236	7.94	15.68
24.15- 24.45	35	610	0.44	7.74
23.85- 24.15	334	575	4.24	7.29
23.55- 23.85	9	241	0.11	3.06
23.25- 23.55	154	232	1.95	2.94
22.95- 23.25	57	78	0.72	0.99
22.65- 22.95	0	21	0.00	0.27
22.35- 22.65	17	21	0.22	0.27
22.05- 22.35	1	4	0.01	0.05
21.75- 22.05	2	3	0.03	0.04
21.45- 21.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
25.97	MEAN VALUE	10.22
0.01	SE(MEAN)	0.01
1.20	SD DEVIATION	0.47
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.17
COEF. OF VARIATION = 4.64

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
29.04	99TH	11.43
28.56	98TH	11.25
28.29	97TH	11.14
27.95	95TH	11.00
27.47	90TH	10.82
27.17	85TH	10.70
26.95	80TH	10.61
26.75	75TH	10.53
26.58	70TH	10.46
26.42	65TH	10.40
26.27	60TH	10.34
26.12	55TH	10.28
25.98	50TH	10.23
25.83	45TH	10.17
25.68	40TH	10.11
25.52	35TH	10.05
25.35	30TH	9.98
25.16	25TH	9.91
24.95	20TH	9.82
24.71	15TH	9.73
24.41	10TH	9.61
23.96	5TH	9.43
23.69	3RD	9.33
23.50	2RD	9.25
23.22	1ST	9.14

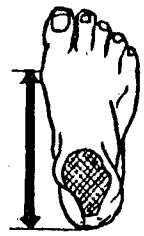
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

INSTEP LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
21.75- 22.25	1	5341	0.02	100.00
21.25- 21.75	0	5340	0.00	99.98
20.75- 21.25	18	5340	0.34	99.98
20.25- 20.75	10	5322	0.19	99.64
19.75- 20.25	104	5312	1.95	99.46
19.25- 19.75	100	5208	1.87	97.51
18.75- 19.25	523	5108	9.79	95.64
18.25- 18.75	328	4585	6.14	85.85
17.75- 18.25	1190	4257	22.28	79.70
17.25- 17.75	504	3067	9.44	57.42
16.75- 17.25	1283	2563	24.02	47.99
16.25- 16.75	438	1280	8.20	23.97
15.75- 16.25	570	842	10.67	15.76
15.25- 15.75	150	272	2.81	5.09
14.75- 15.25	97	122	1.82	2.28
14.25- 14.75	10	25	0.19	0.47
13.75- 14.25	10	15	0.19	0.28
13.25- 13.75	1	5	0.02	0.09
12.75- 13.25	3	4	0.06	0.07
12.25- 12.75	0	1	0.00	0.02
11.75- 12.25	0	1	0.00	0.02
.25- 11.75	1	1	0.02	0.02



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
17.44	MEAN VALUE	6.87
0.02	SE(MEAN)	0.01
1.12	SD DEVIATION	0.44
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 3.21
COEF. OF VARIATION = 6.44

****

NUMBER OF SUBJECTS = 5341.

****

THE PERCENTILES

CENTIMETERS		INCHES
20.14	99TH	7.93
19.82	98TH	7.80
19.61	97TH	7.72
19.33	95TH	7.61
18.90	90TH	7.44
18.61	85TH	7.33
18.38	80TH	7.24
18.19	75TH	7.16
18.02	70TH	7.09
17.86	65TH	7.03
17.71	60TH	6.97
17.56	55TH	6.91
17.42	50TH	6.86
17.28	45TH	6.80
17.14	40TH	6.75
17.00	35TH	6.69
16.84	30TH	6.63
16.68	25TH	6.57
16.50	20TH	6.50
16.29	15TH	6.41
16.03	10TH	6.31
15.64	5TH	6.16
15.38	3RD	6.06
15.20	2RD	5.98
14.90	1ST	5.87

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

FOOT BREADTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
12.45-	12.55	15	7884	0.19	100.00
12.35-	12.45	0	7869	0.00	99.81
12.25-	12.35	1	7869	0.01	99.81
12.15-	12.25	0	7868	0.00	99.80
12.05-	12.15	0	7868	0.00	99.80
11.95-	12.05	98	7868	1.24	99.80
11.85-	11.95	0	7770	0.00	98.55
11.75-	11.85	1	7770	0.01	98.55
11.65-	11.75	4	7769	0.05	98.54
11.55-	11.65	0	7765	0.00	98.49
11.45-	11.55	398	7765	5.05	98.49
11.35-	11.45	2	7367	0.03	93.44
11.25-	11.35	6	7365	0.08	93.42
11.15-	11.25	4	7359	0.05	93.34
11.05-	11.15	4	7355	0.05	93.29
10.95-	11.05	1274	7351	16.16	93.24
10.85-	10.95	3	6077	0.04	77.08
10.75-	10.85	3	6074	0.04	77.04
10.65-	10.75	20	6071	0.25	77.00
10.55-	10.65	9	6051	0.11	76.75
10.45-	10.55	2240	6042	28.41	76.64
10.35-	10.45	6	3802	0.08	48.22
10.25-	10.35	9	3796	0.11	48.15
10.15-	10.25	16	3787	0.20	48.03
10.05-	10.15	14	3771	0.18	47.83
9.95-	10.05	2226	3757	28.23	47.65
9.85-	9.95	0	1531	0.00	19.42
9.75-	9.85	0	1531	0.00	19.42
9.65-	9.75	12	1531	0.15	19.42
9.55-	9.65	5	1519	0.06	19.27
9.45-	9.55	1121	1514	14.22	19.20
9.35-	9.45	1	393	0.01	4.98
9.25-	9.35	2	392	0.03	4.97
9.15-	9.25	4	390	0.05	4.95
9.05-	9.15	0	386	0.00	4.90
8.95-	9.05	335	386	4.25	4.90
8.85-	8.95	0	51	0.00	0.65
8.75-	8.85	0	51	0.00	0.65
8.65-	8.75	0	51	0.00	0.65
8.55-	8.65	0	51	0.00	0.65
8.45-	8.55	44	51	0.56	0.65
8.35-	8.45	0	7	0.00	0.09
8.25-	8.35	0	7	0.00	0.09
8.15-	8.25	0	7	0.00	0.09
8.05-	8.15	0	7	0.00	0.09
7.95-	8.05	7	7	0.09	0.09

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
10.29	MEAN VALUE	4.05
0.01	SE(MEAN)	0.00
0.65	SD DEVIATION	0.26
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 3.13
COEF. OF VARIATION = 6.34

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
11.93	99TH	4.70
11.68	98TH	4.60
11.54	97TH	4.54
11.35	95TH	4.47
11.10	90TH	4.37
10.94	85TH	4.31
10.81	80TH	4.26
10.71	75TH	4.22
10.62	70TH	4.18
10.53	65TH	4.15
10.45	60TH	4.11
10.37	55TH	4.08
10.30	50TH	4.05
10.22	45TH	4.02
10.14	40TH	3.99
10.06	35TH	3.96
9.98	30TH	3.93
9.88	25TH	3.89
9.78	20TH	3.85
9.66	15TH	3.80
9.50	10TH	3.74
9.28	5TH	3.65
9.14	3RD	3.60
9.04	2RD	3.56
8.90	1ST	3.50

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEEL BREADTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
8.45-	8.55	1	7884	0.01	100.00
8.35-	8.45	1	7883	0.01	99.99
8.25-	8.35	0	7882	0.00	99.97
8.15-	8.25	2	7882	0.03	99.97
8.05-	8.15	11	7880	0.14	99.95
7.95-	8.05	44	7869	0.56	99.81
7.85-	7.95	3	7825	0.04	99.25
7.75-	7.85	8	7822	0.10	99.21
7.65-	7.75	39	7814	0.49	99.11
7.55-	7.65	64	7775	0.81	98.62
7.45-	7.55	135	7711	1.71	97.81
7.35-	7.45	189	7576	2.40	96.09
7.25-	7.35	137	7387	1.74	93.70
7.15-	7.25	403	7250	5.11	91.96
7.05-	7.15	488	6847	6.19	86.85
6.95-	7.05	2016	6359	25.57	80.66
6.85-	6.95	61	4343	0.77	55.09
6.75-	6.85	665	4282	8.43	54.31
6.65-	6.75	569	3617	7.22	45.88
6.55-	6.65	1052	3048	13.34	38.66
6.45-	6.55	699	1996	8.87	25.32
6.35-	6.45	477	1297	6.05	16.45
6.25-	6.35	181	820	2.30	10.40
6.15-	6.25	293	639	3.72	8.11
6.05-	6.15	139	346	1.76	4.39
5.95-	6.05	193	207	2.45	2.63
5.85-	5.95	0	14	0.00	0.18
5.75-	5.85	4	14	0.05	0.18
5.65-	5.75	5	10	0.06	0.13
5.55-	5.65	2	5	0.03	0.06
5.45-	5.55	3	3	0.04	0.04



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
6.80	MEAN VALUE	2.68
0.00	SE(MEAN)	0.00
0.37	SD DEVIATION	0.15
0.00	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.13
KURTOSIS---VETA II = 3.37
COEF. OF VARIATION = 5.45

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
7.74	99TH	3.05
7.57	98TH	2.98
7.48	97TH	2.95
7.38	95TH	2.90
7.24	90TH	2.85
7.16	85TH	2.82
7.09	80TH	2.79
7.04	75TH	2.77
6.99	70TH	2.75
6.95	65TH	2.73
6.90	60TH	2.72
6.86	55TH	2.70
6.81	50TH	2.68
6.77	45TH	2.66
6.72	40TH	2.65
6.67	35TH	2.63
6.61	30TH	2.60
6.55	25TH	2.58
6.48	20TH	2.55
6.40	15TH	2.52
6.30	10TH	2.48
6.16	5TH	2.43
6.08	3RD	2.40
6.03	2RD	2.38
5.98	1ST	2.35

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BALL-OF-FOOT CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
30.75- 31.05	4	7884	0.05	100.00
30.45- 30.75	0	7880	0.00	99.95
30.15- 30.45	0	7880	0.00	99.95
29.85- 30.15	14	7880	0.18	99.95
29.55- 29.85	0	7866	0.00	99.77
29.25- 29.55	5	7866	0.06	99.77
28.95- 29.25	106	7861	1.34	99.71
28.65- 28.95	1	7755	0.01	98.36
28.35- 28.65	26	7754	0.33	98.35
28.05- 28.35	20	7728	0.25	98.02
27.75- 28.05	497	7708	6.30	97.77
27.45- 27.75	71	7211	0.90	91.46
27.15- 27.45	54	7140	0.68	90.56
26.85- 27.15	1280	7086	16.24	89.88
26.55- 26.85	22	5806	0.28	73.64
26.25- 26.55	196	5784	2.49	73.36
25.95- 26.25	2084	5588	26.43	70.88
25.65- 25.95	22	3504	0.28	44.44
25.35- 25.65	183	3482	2.32	44.17
25.05- 25.35	123	3299	1.56	41.84
24.75- 25.05	1873	3176	23.76	40.28
24.45- 24.75	95	1303	1.20	16.53
24.15- 24.45	90	1208	1.14	15.32
23.85- 24.15	811	1118	10.29	14.18
23.55- 23.85	7	307	0.09	3.89
23.25- 23.55	44	300	0.56	3.81
22.95- 23.25	209	256	2.65	3.25
22.65- 22.95	2	47	0.03	0.60
22.35- 22.65	7	45	0.09	0.57
22.05- 22.35	6	38	0.08	0.48
21.75- 22.05	29	32	0.37	0.41
21.45- 21.75	0	3	0.00	0.04
21.15- 21.45	0	3	0.00	0.04
20.85- 21.15	3	3	0.04	0.04

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
25.77	MEAN VALUE	10.14
0.01	SE(MEAN)	0.01
1.30	SD DEVIATION	0.51
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.09
KURTOSIS---VETA II = 3.10
COEF. OF VARIATION = 5.06

****

NUMBER OF SUBJECTS = 7884.

****

THE PERCENTILES

CENTIMETERS		INCHES
28.96	99TH	11.40
28.45	98TH	11.20
28.16	97TH	11.09
27.82	95TH	10.95
27.34	90TH	10.76
27.05	85TH	10.65
26.82	80TH	10.56
26.62	75TH	10.48
26.44	70TH	10.41
26.27	65TH	10.34
26.11	60TH	10.28
25.95	55TH	10.22
25.79	50TH	10.15
25.63	45TH	10.09
25.46	40TH	10.02
25.28	35TH	9.95
25.09	30TH	9.88
24.88	25TH	9.79
24.64	20TH	9.70
24.37	15TH	9.60
24.04	10TH	9.46
23.58	5TH	9.28
23.33	3RD	9.18
23.17	2RD	9.12
23.00	1ST	9.06

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEEL--ANKLE DIAGONAL

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
39.45- 39.75	1	7884	0.01	100.00
39.15- 39.45	0	7883	0.00	99.99
38.85- 39.15	4	7883	0.05	99.99
38.55- 38.85	0	7879	0.00	99.94
38.25- 38.55	2	7879	0.03	99.94
37.95- 38.25	45	7877	0.57	99.91
37.65- 37.95	2	7832	0.03	99.34
37.35- 37.65	8	7830	0.10	99.32
37.05- 37.35	8	7822	0.10	99.21
36.75- 37.05	176	7814	2.23	99.11
36.45- 36.75	22	7638	0.28	96.88
36.15- 36.45	15	7616	0.19	96.60
35.85- 36.15	525	7601	6.66	96.41
35.55- 35.85	6	7076	0.08	89.75
35.25- 35.55	77	7070	0.98	89.68
34.95- 35.25	1278	6993	16.21	88.70
34.65- 34.95	8	5715	0.10	72.49
34.35- 34.65	105	5707	1.33	72.39
34.05- 34.35	106	5602	1.34	71.06
33.75- 34.05	1881	5496	23.86	69.71
33.45- 33.75	66	3615	0.84	45.85
33.15- 33.45	177	3549	2.25	45.02
32.85- 33.15	1817	3372	23.05	42.77
32.55- 32.85	11	1555	0.14	19.72
32.25- 32.55	94	1544	1.19	19.58
31.95- 32.25	971	1450	12.32	18.39
31.65- 31.95	4	479	0.05	6.08
31.35- 31.65	30	475	0.38	6.02
31.05- 31.35	45	445	0.57	5.64
30.75- 31.05	280	400	3.55	5.07
30.45- 30.75	8	120	0.10	1.52
30.15- 30.45	8	112	0.10	1.42
29.85- 30.15	85	104	1.08	1.32
29.55- 29.85	0	19	0.00	0.24
29.25- 29.55	1	19	0.01	0.24
28.95- 29.25	16	18	0.20	0.23
28.65- 28.95	0	2	0.00	0.03
28.35- 28.65	1	2	0.01	0.03
28.05- 28.35	0	1	0.00	0.01
27.75- 28.05	0	1	0.00	0.01
27.45- 27.75	0	1	0.00	0.01
27.15- 27.45	0	1	0.00	0.01
26.85- 27.15	0	1	0.00	0.01
26.55- 26.85	0	1	0.00	0.01
26.25- 26.55	0	1	0.00	0.01
25.95- 26.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.72	MEAN VALUE	13.28
0.02	SE(MEAN)	0.01
1.47	SD DEVIATION	0.58
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 3.29
COEF. OF VARIATION = 4.37

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
37.12	99TH	14.61
36.84	98TH	14.50
36.62	97TH	14.42
36.28	95TH	14.28
35.70	90TH	14.05
35.29	85TH	13.89
34.96	80TH	13.77
34.69	75TH	13.66
34.45	70TH	13.56
34.23	65TH	13.47
34.02	60TH	13.39
33.83	55TH	13.32
33.65	50TH	13.25
33.47	45TH	13.18
33.29	40TH	13.11
33.11	35TH	13.04
32.93	30TH	12.96
32.74	25TH	12.89
32.52	20TH	12.80
32.27	15TH	12.70
31.94	10TH	12.57
31.39	5TH	12.36
30.98	3RD	12.20
30.64	2RD	12.06
30.01	1ST	11.82

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

INSTEP CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
33.75- 34.05	2	7884	0.03	100.00
33.45- 33.75	0	7882	0.00	99.97
33.15- 33.45	1	7882	0.01	99.97
32.85- 33.15	7	7881	0.09	99.96
32.55- 32.85	0	7874	0.00	99.87
32.25- 32.55	2	7874	0.03	99.87
31.95- 32.25	45	7872	0.57	99.85
31.65- 31.95	0	7827	0.00	99.28
31.35- 31.65	2	7827	0.03	99.28
31.05- 31.35	1	7825	0.01	99.25
30.75- 31.05	96	7824	1.22	99.24
30.45- 30.75	0	7728	0.00	98.02
30.15- 30.45	4	7728	0.05	98.02
29.85- 30.15	284	7724	3.60	97.97
29.55- 29.85	12	7440	0.15	94.37
29.25- 29.55	42	7428	0.53	94.22
28.95- 29.25	710	7386	9.01	93.68
28.65- 28.95	11	6676	0.14	84.68
28.35- 28.65	73	6665	0.93	84.54
28.05- 28.35	58	6592	0.74	83.61
27.75- 28.05	1341	6534	17.01	82.88
27.45- 27.75	105	5193	1.33	65.87
27.15- 27.45	116	5088	1.47	64.54
26.85- 27.15	1730	4972	21.94	63.06
26.55- 26.85	31	3242	0.39	41.12
26.25- 26.55	167	3211	2.12	40.73
25.95- 26.25	1648	3044	20.90	38.61
25.65- 25.95	17	1396	0.22	17.71
25.35- 25.65	144	1379	1.83	17.49
25.05- 25.35	97	1235	1.23	15.66
24.75- 25.05	780	1138	9.89	14.43
24.45- 24.75	35	358	0.44	4.54
24.15- 24.45	27	323	0.34	4.10
23.85- 24.15	237	296	3.01	3.75
23.55- 23.85	2	59	0.03	0.75
23.25- 23.55	9	57	0.11	0.72
22.95- 23.25	42	48	0.53	0.61
22.65- 22.95	1	6	0.01	0.08
22.35- 22.65	1	5	0.01	0.06
22.05- 22.35	1	4	0.01	0.05
21.75- 22.05	3	3	0.04	0.04

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
26.99	MEAN VALUE	10.63
0.02	SE(MEAN)	0.01
1.58	SD DEVIATION	0.62
0.01	SE(SD DEV)	0.00

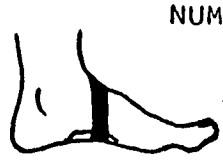
****

SYMMETRY---VETA I = 0.37
KURTOSIS---VETA II = 3.38
COEF. OF VARIATION = 5.84

****

NUMBER OF SUBJECTS = 7884.

****



THE PERCENTILES

CENTIMETERS		INCHES
30.95	99TH	12.18
30.46	98TH	11.99
30.14	97TH	11.87
29.72	95TH	11.70
29.07	90TH	11.45
28.64	85TH	11.28
28.31	80TH	11.15
28.02	75TH	11.03
27.77	70TH	10.93
27.54	65TH	10.84
27.32	60TH	10.76
27.12	55TH	10.68
26.92	50TH	10.60
26.72	45TH	10.52
26.52	40TH	10.44
26.32	35TH	10.36
26.11	30TH	10.28
25.89	25TH	10.19
25.65	20TH	10.10
25.38	15TH	9.99
25.04	10TH	9.86
24.57	5TH	9.67
24.28	3RD	9.56
24.07	2RD	9.48
23.75	1ST	9.35

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

AGE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
59.50- 60.50	1	7878	0.01	100.00
58.50- 59.50	0	7877	0.00	99.99
57.50- 58.50	1	7877	0.01	99.99
56.50- 57.50	0	7876	0.00	99.97
55.50- 56.50	0	7876	0.00	99.97
54.50- 55.50	0	7876	0.00	99.97
53.50- 54.50	2	7876	0.03	99.97
52.50- 53.50	0	7874	0.00	99.95
51.50- 52.50	1	7874	0.01	99.95
50.50- 51.50	0	7873	0.00	99.94
49.50- 50.50	0	7873	0.00	99.94
48.50- 49.50	1	7873	0.01	99.94
47.50- 48.50	12	7872	0.15	99.92
46.50- 47.50	19	7860	0.24	99.77
45.50- 46.50	14	7841	0.18	99.53
44.50- 45.50	23	7827	0.29	99.35
43.50- 44.50	28	7804	0.36	99.06
42.50- 43.50	37	7776	0.47	98.71
41.50- 42.50	38	7739	0.48	98.24
40.50- 41.50	23	7701	0.29	97.75
39.50- 40.50	43	7678	0.55	97.46
38.50- 39.50	23	7635	0.29	96.92
37.50- 38.50	44	7612	0.56	96.62
36.50- 37.50	62	7568	0.79	96.06
35.50- 36.50	43	7506	0.55	95.28
34.50- 35.50	72	7463	0.91	94.73
33.50- 34.50	67	7391	0.85	93.82
32.50- 33.50	75	7324	0.95	92.97
31.50- 32.50	117	7249	1.49	92.02
30.50- 31.50	125	7132	1.59	90.53
29.50- 30.50	132	7007	1.68	88.94
28.50- 29.50	123	6875	1.56	87.27
27.50- 28.50	137	6752	1.74	85.71
26.50- 27.50	160	6615	2.03	83.97
25.50- 26.50	148	6455	1.88	81.94
24.50- 25.50	155	6307	1.97	80.06
23.50- 24.50	380	6152	4.82	78.09
22.50- 23.50	462	5772	5.86	73.27
21.50- 22.50	638	5310	8.10	67.40
20.50- 21.50	1026	4672	13.02	59.30
19.50- 20.50	3497	3646	44.39	46.28
18.50- 19.50	149	149	1.89	1.89

*IN YEARS

THE SUMMARY STATISTICS

YEARS		YEARS
23.28	MEAN VALUE	23.28
0.06	SE(MEAN)	0.06
5.52	SD DEVIATION	5.52
0.04	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = 2.24
KURTOSIS---VETA II = 8.02
COEF. OF VARIATION = 23.70

****

NUMBER OF SUBJECTS = 7878.

****

THE PERCENTILES

YEARS		YEARS
45.27	99TH	45.27
41.38	98TH	41.38
38.90	97TH	38.90
35.61	95TH	35.61
30.91	90TH	30.91
28.10	85TH	28.10
26.15	80TH	26.15
24.65	75TH	24.65
23.49	70TH	23.49
22.55	65TH	22.55
21.79	60TH	21.79
21.17	55TH	21.17
20.67	50TH	20.67
20.27	45TH	20.27
19.96	40TH	19.96
19.75	35TH	19.75
19.62	30TH	19.62
19.57	25TH	19.57
19.62	20TH	19.62
19.77	15TH	19.77
20.01	10TH	20.01
20.20	5TH	20.20
20.03	3RD	20.03
19.64	2RD	19.64
18.41	1ST	18.41

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

WEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
111.50-113.50	1	790	0.13	100.00
109.50-111.50	0	789	0.00	99.87
107.50-109.50	0	789	0.00	99.87
105.50-107.50	0	789	0.00	99.87
103.50-105.50	0	789	0.00	99.87
101.50-103.50	0	789	0.00	99.87
99.50-101.50	1	789	0.13	99.87
97.50- 99.50	0	788	0.00	99.75
95.50- 97.50	2	788	0.25	99.75
93.50- 95.50	5	786	0.63	99.49
91.50- 93.50	2	781	0.25	98.86
89.50- 91.50	7	779	0.89	98.61
87.50- 89.50	7	772	0.89	97.72
85.50- 87.50	6	765	0.76	96.84
83.50- 85.50	12	759	1.52	96.08
81.50- 83.50	11	747	1.39	94.56
79.50- 81.50	27	736	3.42	93.16
77.50- 79.50	17	709	2.15	89.75
75.50- 77.50	12	692	1.52	87.59
73.50- 75.50	33	680	4.18	86.08
71.50- 73.50	17	647	2.15	81.90
69.50- 71.50	47	630	5.95	79.75
67.50- 69.50	36	583	4.56	73.80
65.50- 67.50	36	547	4.56	69.24
63.50- 65.50	86	511	10.89	64.68
61.50- 63.50	57	425	7.22	53.80
59.50- 61.50	114	368	14.43	46.58
57.50- 59.50	63	254	7.97	32.15
55.50- 57.50	52	191	6.58	24.18
53.50- 55.50	65	139	8.23	17.59
51.50- 53.50	21	74	2.66	9.37
49.50- 51.50	36	53	4.56	6.71
47.50- 49.50	11	17	1.39	2.15
45.50- 47.50	3	6	0.38	0.76
43.50- 45.50	2	3	0.25	0.38
41.50- 43.50	0	1	0.00	0.13
39.50- 41.50	1	1	0.13	0.13

*IN KILOGRAMS

THE SUMMARY STATISTICS

KILOGRAMS		POUNDS
64.41	MEAN VALUE	141.71
0.36	SE(MEAN)	0.79
10.07	SD DEVIATION	22.14
0.25	SE(SD DEV)	0.56

****

SYMMETRY---VETA I = 0.93
KURTOSIS---VETA II = 3.97
COEF. OF VARIATION = 15.63

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

KILOGRAMS		POUNDS
94.23	99TH	207.31
90.23	98TH	198.50
87.59	97TH	192.70
83.97	95TH	184.74
78.48	90TH	172.66
74.93	85TH	164.84
72.27	80TH	158.98
70.07	75TH	154.16
68.22	70TH	150.08
66.60	65TH	146.51
65.14	60TH	143.30
63.81	55TH	140.37
62.57	50TH	137.64
61.40	45TH	135.08
60.29	40TH	132.65
59.23	35TH	130.30
58.18	30TH	128.01
57.14	25TH	125.70
56.06	20TH	123.33
54.91	15TH	120.81
53.58	10TH	117.87
51.66	5TH	113.66
50.35	3RD	110.77
49.28	2RD	108.42
47.32	1ST	104.11

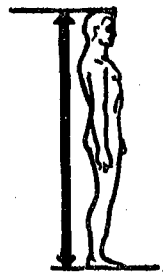
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HEIGHT (STATURE)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
185.25-186.25	1	790	0.13	100.00
184.25-185.25	2	789	0.25	99.87
183.25-184.25	2	787	0.25	99.62
182.25-183.25	2	785	0.25	99.37
181.25-182.25	3	783	0.38	99.11
180.25-181.25	6	780	0.76	98.73
179.25-180.25	6	774	0.76	97.97
178.25-179.25	13	768	1.65	97.22
177.25-178.25	15	755	1.90	95.57
176.25-177.25	20	740	2.53	93.67
175.25-176.25	24	720	3.04	91.14
174.25-175.25	23	696	2.91	88.10
173.25-174.25	29	673	3.67	85.19
172.25-173.25	50	644	6.33	81.52
171.25-172.25	53	594	6.71	75.19
170.25-171.25	48	541	6.08	68.48
169.25-170.25	37	493	4.68	62.41
168.25-169.25	58	456	7.34	57.72
167.25-168.25	56	398	7.09	50.38
166.25-167.25	53	342	6.71	43.29
165.25-166.25	49	289	6.20	36.58
164.25-165.25	48	240	6.08	30.38
163.25-164.25	33	192	4.18	24.30
162.25-163.25	38	159	4.81	20.13
161.25-162.25	36	121	4.56	15.32
160.25-161.25	25	85	3.16	10.76
159.25-160.25	20	60	2.53	7.59
158.25-159.25	15	40	1.90	5.06
157.25-158.25	10	25	1.27	3.16
156.25-157.25	2	15	0.25	1.90
155.25-156.25	6	13	0.76	1.65
154.25-155.25	4	7	0.51	0.89
153.25-154.25	1	3	0.13	0.38
152.25-153.25	1	2	0.13	0.25
151.25-152.25	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
168.31	MEAN VALUE	66.26
0.20	SE(MEAN)	0.08
5.70	SD DEVIATION	2.24
0.14	SE(SD DEV)	0.06

****

SYMMETRY---VETA I = 0.10
KURTOSIS---VETA II = 2.84
COEF. OF VARIATION = 3.38

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
181.83	99TH	71.59
180.31	98TH	70.99
179.31	97TH	70.59
177.94	95TH	70.05
175.79	90TH	69.21
174.33	85TH	68.63
173.17	80TH	68.18
172.17	75TH	67.78
171.28	70TH	67.43
170.46	65TH	67.11
169.68	60TH	66.80
168.94	55TH	66.51
168.20	50TH	66.22
167.47	45TH	65.93
166.74	40TH	65.65
165.99	35TH	65.35
165.21	30TH	65.04
164.37	25TH	64.71
163.44	20TH	64.35
162.38	15TH	63.93
161.05	10TH	63.41
159.14	5TH	62.65
157.93	3RD	62.18
157.05	2RD	61.83
155.68	1ST	61.29

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CERVICALE HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
161.25-162.25	1	790	0.13	100.00
160.25-161.25	1	789	0.13	99.87
159.25-160.25	0	788	0.00	99.75
158.25-159.25	3	788	0.38	99.75
157.25-158.25	2	785	0.25	99.37
156.25-157.25	1	783	0.13	99.11
155.25-156.25	5	782	0.63	98.99
154.25-155.25	10	777	1.27	98.35
153.25-154.25	17	767	2.15	97.09
152.25-153.25	13	750	1.65	94.94
151.25-152.25	19	737	2.41	93.29
150.25-151.25	26	718	3.29	90.89
149.25-150.25	28	692	3.54	87.59
148.25-149.25	24	664	3.04	84.05
147.25-148.25	51	640	6.46	81.01
146.25-147.25	46	589	5.82	74.56
145.25-146.25	53	543	6.71	68.73
144.25-145.25	63	490	7.97	62.03
143.25-144.25	55	427	6.96	54.05
142.25-143.25	58	372	7.34	47.09
141.25-142.25	59	314	7.47	39.75
140.25-141.25	37	255	4.68	32.28
139.25-140.25	53	218	6.71	27.59
138.25-139.25	49	165	6.20	20.89
137.25-138.25	25	116	3.16	14.68
136.25-137.25	19	91	2.41	11.52
135.25-136.25	27	72	3.42	9.11
134.25-135.25	14	45	1.77	5.70
133.25-134.25	14	31	1.77	3.92
132.25-133.25	8	17	1.01	2.15
131.25-132.25	4	9	0.51	1.14
130.25-131.25	2	5	0.25	0.63
129.25-130.25	2	3	0.25	0.38
128.25-129.25	0	1	0.00	0.13
127.25-128.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
143.72	MEAN VALUE	56.58
0.19	SE(MEAN)	0.08
5.45	SD DEVIATION	2.15
0.14	SE(SD DEV)	0.05

****

SYMMETRY---VETA I = 0.13
KURTOSIS---VETA II = 2.89
COEF. OF VARIATION = 3.79

****



NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
156.43	99TH	61.58
155.07	98TH	61.05
154.17	97TH	60.70
152.91	95TH	60.20
150.90	90TH	59.41
149.51	85TH	58.86
148.40	80TH	58.42
147.44	75TH	58.05
146.58	70TH	57.71
145.79	65TH	57.40
145.04	60TH	57.10
144.32	55TH	56.82
143.61	50TH	56.54
142.91	45TH	56.26
142.21	40TH	55.99
141.48	35TH	55.70
140.73	30TH	55.41
139.92	25TH	55.09
139.04	20TH	54.74
138.03	15TH	54.34
136.78	10TH	53.85
135.00	5TH	53.15
133.88	3RD	52.71
133.08	2RD	52.39
131.85	1ST	51.91

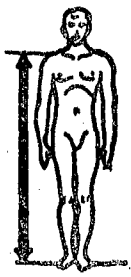
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER (ACROMION) HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
158.25-159.25	1	790	0.13	100.00
157.25-158.25	0	789	0.00	99.87
156.25-157.25	0	789	0.00	99.87
155.25-156.25	0	789	0.00	99.87
154.25-155.25	1	789	0.13	99.87
153.25-154.25	0	788	0.00	99.75
152.25-153.25	1	788	0.13	99.75
151.25-152.25	3	787	0.38	99.62
150.25-151.25	5	784	0.63	99.24
149.25-150.25	6	779	0.76	98.61
148.25-149.25	6	773	0.76	97.85
147.25-148.25	14	767	1.77	97.09
146.25-147.25	20	753	2.53	95.32
145.25-146.25	20	733	2.53	92.78
144.25-145.25	24	713	3.04	90.25
143.25-144.25	39	689	4.94	87.22
142.25-143.25	43	650	5.44	82.28
141.25-142.25	47	607	5.95	76.84
140.25-141.25	51	560	6.46	70.89
139.25-140.25	42	509	5.32	64.43
138.25-139.25	55	467	6.96	59.11
137.25-138.25	71	412	8.99	52.15
136.25-137.25	55	341	6.96	43.16
135.25-136.25	43	286	5.44	36.20
134.25-135.25	50	243	6.33	30.76
133.25-134.25	54	193	6.84	24.43
132.25-133.25	40	139	5.06	17.59
131.25-132.25	24	99	3.04	12.53
130.25-131.25	24	75	3.04	9.49
129.25-130.25	18	51	2.28	6.46
128.25-129.25	12	33	1.52	4.18
127.25-128.25	13	21	1.65	2.66
126.25-127.25	1	8	0.13	1.01
125.25-126.25	1	7	0.13	0.89
124.25-125.25	3	6	0.38	0.76
123.25-124.25	1	3	0.13	0.38
122.25-123.25	1	2	0.13	0.25
121.25-122.25	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
138.21	MEAN VALUE	54.41
0.19	SE(MEAN)	0.07
5.35	SD DEVIATION	2.11
0.13	SE(SD DEV)	0.05

****

SYMMETRY---VETA I = 0.13
KURTOSIS---VETA II = 2.96
COEF. OF VARIATION = 3.87

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
150.86	99TH	59.39
149.34	98TH	58.80
148.39	97TH	58.42
147.11	95TH	57.92
145.15	90TH	57.15
143.82	85TH	56.62
142.76	80TH	56.20
141.84	75TH	55.84
141.02	70TH	55.52
140.25	65TH	55.22
139.53	60TH	54.93
138.82	55TH	54.66
138.13	50TH	54.38
137.43	45TH	54.11
136.73	40TH	53.83
136.01	35TH	53.55
135.25	30TH	53.25
134.44	25TH	52.93
133.55	20TH	52.58
132.54	15TH	52.18
131.30	10TH	51.69
129.61	5TH	51.03
128.61	3RD	50.64
127.95	2RD	50.37
127.05	1ST	50.02

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

WAIST (TOP OF HIP BONE) HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
115.25-116.25	1	790	0.13	100.00
114.25-115.25	0	789	0.00	99.87
113.25-114.25	0	789	0.00	99.87
112.25-113.25	0	789	0.00	99.87
111.25-112.25	5	789	0.63	99.87
110.25-111.25	5	784	0.63	99.24
109.25-110.25	14	779	1.77	98.61
108.25-109.25	18	765	2.28	96.84
107.25-108.25	22	747	2.78	94.56
106.25-107.25	36	725	4.56	91.77
105.25-106.25	53	689	6.71	87.22
104.25-105.25	45	636	5.70	80.51
103.25-104.25	36	591	4.56	74.81
102.25-103.25	72	555	9.11	70.25
101.25-102.25	79	483	10.00	61.14
100.25-101.25	76	404	9.62	51.14
99.25-100.25	62	328	7.85	41.52
98.25- 99.25	62	266	7.85	33.67
97.25- 98.25	55	204	6.96	25.82
96.25- 97.25	53	149	6.71	18.86
95.25- 96.25	27	96	3.42	12.15
94.25- 95.25	30	69	3.80	8.73
93.25- 94.25	10	39	1.27	4.94
92.25- 93.25	17	29	2.15	3.67
91.25- 92.25	8	12	1.01	1.52
90.25- 91.25	2	4	0.25	0.51
89.25- 90.25	0	2	0.00	0.25
88.25- 89.25	1	2	0.13	0.25
87.25- 88.25	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
101.13	MEAN VALUE	39.82
0.15	SE(MEAN)	0.06
4.32	SD DEVIATION	1.70
0.11	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = 0.05
KURTOSIS---VETA II = 2.75
COEF. OF VARIATION = 4.27

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
110.87	99TH	43.65
109.96	98TH	43.29
109.33	97TH	43.04
108.41	95TH	42.68
106.89	90TH	42.08
105.82	85TH	41.66
104.95	80TH	41.32
104.18	75TH	41.02
103.50	70TH	40.75
102.87	65TH	40.50
102.26	60TH	40.26
101.68	55TH	40.03
101.11	50TH	39.81
100.54	45TH	39.58
99.97	40TH	39.36
99.39	35TH	39.13
98.77	30TH	38.89
98.12	25TH	38.63
97.40	20TH	38.35
96.59	15TH	38.03
95.58	10TH	37.63
94.14	5TH	37.06
93.23	3RD	36.70
92.58	2RD	36.45
91.58	1ST	36.05

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CROTCH HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
88.25- 89.25	1	790	0.13	100.00
87.25- 88.25	3	789	0.38	99.87
86.25- 87.25	4	786	0.51	99.49
85.25- 86.25	2	782	0.25	98.99
84.25- 85.25	12	780	1.52	98.73
83.25- 84.25	21	768	2.66	97.22
82.25- 83.25	31	747	3.92	94.56
81.25- 82.25	33	716	4.18	90.63
80.25- 81.25	39	683	4.94	86.46
79.25- 80.25	53	644	6.71	81.52
78.25- 79.25	59	591	7.47	74.81
77.25- 78.25	54	532	6.84	67.34
76.25- 77.25	69	478	8.73	60.51
75.25- 76.25	82	409	10.38	51.77
74.25- 75.25	54	327	6.84	41.39
73.25- 74.25	58	273	7.34	34.56
72.25- 73.25	66	215	8.35	27.22
71.25- 72.25	48	149	6.08	18.86
70.25- 71.25	32	101	4.05	12.78
69.25- 70.25	21	69	2.66	8.73
68.25- 69.25	23	48	2.91	6.08
67.25- 68.25	14	25	1.77	3.16
66.25- 67.25	5	11	0.63	1.39
65.25- 66.25	3	6	0.38	0.76
64.25- 65.25	3	3	0.38	0.38



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
76.15	MEAN VALUE	29.98
0.16	SE(MEAN)	0.06
4.37	SD DEVIATION	1.72
0.11	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = 0.05
KURTOSIS---VETA II = 2.63
COEF. OF VARIATION = 5.73

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
86.04	99TH	33.87
85.03	98TH	33.48
84.36	97TH	33.21
83.42	95TH	32.84
81.90	90TH	32.25
80.84	85TH	31.83
79.98	80TH	31.49
79.22	75TH	31.19
78.54	70TH	30.92
77.91	65TH	30.67
77.31	60TH	30.44
76.72	55TH	30.21
76.14	50TH	29.98
75.56	45TH	29.75
74.98	40TH	29.52
74.38	35TH	29.28
73.75	30TH	29.03
73.07	25TH	28.77
72.33	20TH	28.48
71.49	15TH	28.14
70.45	10TH	27.74
69.00	5TH	27.17
68.13	3RD	26.82
67.54	2RD	26.59
66.67	1ST	26.25

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

KNEE HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
55.75- 56.25	1	790	0.13	100.00
55.25- 55.75	2	789	0.25	99.87
54.75- 55.25	6	787	0.76	99.62
54.25- 54.75	12	781	1.52	98.86
53.75- 54.25	10	769	1.27	97.34
53.25- 53.75	18	759	2.28	96.08
52.75- 53.25	28	741	3.54	93.80
52.25- 52.75	31	713	3.92	90.25
51.75- 52.25	28	682	3.54	86.33
51.25- 51.75	39	654	4.94	82.78
50.75- 51.25	37	615	4.68	77.85
50.25- 50.75	60	578	7.59	73.16
49.75- 50.25	44	518	5.57	65.57
49.25- 49.75	78	474	9.87	60.00
48.75- 49.25	62	396	7.85	50.13
48.25- 48.75	75	334	9.49	42.28
47.75- 48.25	48	259	6.08	32.78
47.25- 47.75	61	211	7.72	26.71
46.75- 47.25	34	150	4.30	18.99
46.25- 46.75	29	116	3.67	14.68
45.75- 46.25	18	87	2.28	11.01
45.25- 45.75	28	69	3.54	8.73
44.75- 45.25	15	41	1.90	5.19
44.25- 44.75	17	26	2.15	3.29
43.75- 44.25	3	9	0.38	1.14
43.25- 43.75	1	6	0.13	0.76
42.75- 43.25	1	5	0.13	0.63
42.25- 42.75	1	4	0.13	0.51
41.75- 42.25	3	3	0.38	0.38



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
49.29	MEAN VALUE	19.41
0.09	SE(MEAN)	0.03
2.48	SD DEVIATION	0.98
0.06	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.04
KURTOSIS---VETA II = 2.75
COEF. OF VARIATION = 5.04

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
54.94	99TH	21.63
54.41	98TH	21.42
54.05	97TH	21.28
53.51	95TH	21.07
52.62	90TH	20.72
51.99	85TH	20.47
51.48	80TH	20.27
51.03	75TH	20.09
50.63	70TH	19.93
50.27	65TH	19.79
49.92	60TH	19.65
49.58	55TH	19.52
49.25	50TH	19.39
48.93	45TH	19.26
48.60	40TH	19.13
48.27	35TH	19.00
47.92	30TH	18.87
47.55	25TH	18.72
47.15	20TH	18.56
46.69	15TH	18.38
46.13	10TH	18.16
45.33	5TH	17.85
44.83	3RD	17.65
44.48	2RD	17.51
43.93	1ST	17.29

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CALF HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
40.25- 40.75	1	790	0.13	100.00
39.75- 40.25	0	789	0.00	99.87
39.25- 39.75	1	789	0.13	99.87
38.75- 39.25	1	788	0.13	99.75
38.25- 38.75	3	787	0.38	99.62
37.75- 38.25	3	784	0.38	99.24
37.25- 37.75	6	781	0.76	98.86
36.75- 37.25	7	775	0.89	98.10
36.25- 36.75	23	768	2.91	97.22
35.75- 36.25	20	745	2.53	94.30
35.25- 35.75	49	725	6.20	91.77
34.75- 35.25	21	676	2.66	85.57
34.25- 34.75	46	655	5.82	82.91
33.75- 34.25	54	609	6.84	77.09
33.25- 33.75	81	555	10.25	70.25
32.75- 33.25	66	474	8.35	60.00
32.25- 32.75	91	408	11.52	51.65
31.75- 32.25	41	317	5.19	40.13
31.25- 31.75	79	276	10.00	34.94
30.75- 31.25	55	197	6.96	24.94
30.25- 30.75	50	142	6.33	17.97
29.75- 30.25	23	92	2.91	11.65
29.25- 29.75	27	69	3.42	8.73
28.75- 29.25	15	42	1.90	5.32
28.25- 28.75	15	27	1.90	3.42
27.75- 28.25	5	12	0.63	1.52
27.25- 27.75	4	7	0.51	0.89
26.75- 27.25	1	3	0.13	0.38
26.25- 26.75	2	2	0.25	0.25



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
32.71	MEAN VALUE	12.88
0.08	SE(MEAN)	0.03
2.17	SD DEVIATION	0.85
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.09
KURTOSIS---VETA II = 2.98
COEF. OF VARIATION = 6.63

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

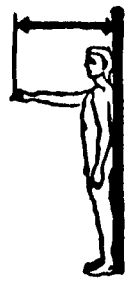
CENTIMETERS		INCHES
37.87	99TH	14.91
37.25	98TH	14.66
36.85	97TH	14.51
36.32	95TH	14.30
35.51	90TH	13.98
34.97	85TH	13.77
34.54	80TH	13.60
34.17	75TH	13.45
33.84	70TH	13.32
33.53	65TH	13.20
33.24	60TH	13.09
32.96	55TH	12.98
32.69	50TH	12.87
32.41	45TH	12.76
32.14	40TH	12.65
31.85	35TH	12.54
31.55	30TH	12.42
31.23	25TH	12.30
30.87	20TH	12.15
30.46	15TH	11.99
29.94	10TH	11.79
29.19	5TH	11.49
28.71	3RD	11.30
28.36	2RD	11.16
27.82	1ST	10.95

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FUNCTIONAL ARM REACH-FORWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
85.25- 86.25	4	790	0.51	100.00
84.25- 85.25	3	786	0.38	99.49
83.25- 84.25	8	783	1.01	99.11
82.25- 83.25	18	775	2.28	98.10
81.25- 82.25	25	757	3.16	95.82
80.25- 81.25	37	732	4.68	92.66
79.25- 80.25	32	695	4.05	87.97
78.25- 79.25	51	663	6.46	83.92
77.25- 78.25	64	612	8.10	77.47
76.25- 77.25	78	548	9.87	69.37
75.25- 76.25	72	470	9.11	59.49
74.25- 75.25	99	398	12.53	50.38
73.25- 74.25	87	299	11.01	37.85
72.25- 73.25	57	212	7.22	26.84
71.25- 72.25	45	155	5.70	19.62
70.25- 71.25	41	110	5.19	13.92
69.25- 70.25	31	69	3.92	8.73
68.25- 69.25	19	38	2.41	4.81
67.25- 68.25	9	19	1.14	2.41
66.25- 67.25	4	10	0.51	1.27
65.25- 66.25	3	6	0.38	0.76
64.25- 65.25	0	3	0.00	0.38
63.25- 64.25	2	3	0.25	0.38
62.25- 63.25	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
75.42	MEAN VALUE	29.69
0.14	SE(MEAN)	0.05
3.82	SD DEVIATION	1.50
0.10	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = 0.04
KURTOSIS---VETA II = 3.01
COEF. OF VARIATION = 5.07

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
84.12	99TH	33.12
83.32	98TH	32.81
82.75	97TH	32.58
81.90	95TH	32.24
80.49	90TH	31.69
79.50	85TH	31.30
78.71	80TH	30.99
78.02	75TH	30.72
77.41	70TH	30.48
76.85	65TH	30.26
76.33	60TH	30.05
75.83	55TH	29.85
75.33	50TH	29.66
74.85	45TH	29.47
74.37	40TH	29.28
73.88	35TH	29.08
73.37	30TH	28.88
72.82	25TH	28.67
72.22	20TH	28.43
71.53	15TH	28.16
70.67	10TH	27.82
69.37	5TH	27.31
68.50	3RD	26.97
67.83	2RD	26.71
66.71	1ST	26.26

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

COAT LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
78.75- 79.25	1	790	0.13	100.00
78.25- 78.75	0	789	0.00	99.87
77.75- 78.25	1	789	0.13	99.87
77.25- 77.75	1	788	0.13	99.75
76.75- 77.25	1	787	0.13	99.62
76.25- 76.75	5	786	0.63	99.49
75.75- 76.25	5	781	0.63	98.86
75.25- 75.75	9	776	1.14	98.23
74.75- 75.25	4	767	0.51	97.09
74.25- 74.75	11	763	1.39	96.58
73.75- 74.25	6	752	0.76	95.19
73.25- 73.75	10	746	1.27	94.43
72.75- 73.25	18	736	2.28	93.16
72.25- 72.75	21	718	2.66	90.89
71.75- 72.25	22	697	2.78	88.23
71.25- 71.75	32	675	4.05	85.44
70.75- 71.25	44	643	5.57	81.39
70.25- 70.75	34	599	4.30	75.82
69.75- 70.25	33	565	4.18	71.52
69.25- 69.75	48	532	6.08	67.34
68.75- 69.25	48	484	6.08	61.27
68.25- 68.75	52	436	6.58	55.19
67.75- 68.25	57	384	7.22	48.61
67.25- 67.75	41	327	5.19	41.39
66.75- 67.25	52	286	6.58	36.20
66.25- 66.75	42	234	5.32	29.62
65.75- 66.25	36	192	4.56	24.30
65.25- 65.75	27	156	3.42	19.75
64.75- 65.25	25	129	3.16	16.33
64.25- 64.75	31	104	3.92	13.16
63.75- 64.25	16	73	2.03	9.24
63.25- 63.75	16	57	2.03	7.22
62.75- 63.25	13	41	1.65	5.19
62.25- 62.75	11	28	1.39	3.54
61.75- 62.25	4	17	0.51	2.15
61.25- 61.75	4	13	0.51	1.65
60.75- 61.25	2	9	0.25	1.14
60.25- 60.75	2	7	0.25	0.89
59.75- 60.25	2	5	0.25	0.63
59.25- 59.75	1	3	0.13	0.38
58.75- 59.25	1	2	0.13	0.25
58.25- 58.75	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
68.44	MEAN VALUE	26.94
0.12	SE(MEAN)	0.05
3.25	SD DEVIATION	1.28
0.08	SE(SD DEV)	0.03

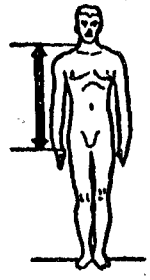
****

SYMMETRY---VETA I = 0.12
KURTOSIS---VETA II = 3.10
COEF. OF VARIATION = 4.75

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
76.52	99TH	30.13
75.56	98TH	29.75
74.93	97TH	29.50
74.07	95TH	29.16
72.74	90TH	28.64
71.86	85TH	28.29
71.17	80TH	28.02
70.59	75TH	27.79
70.07	70TH	27.59
69.60	65TH	27.40
69.17	60TH	27.23
68.75	55TH	27.07
68.34	50TH	26.91
67.94	45TH	26.75
67.54	40TH	26.59
67.13	35TH	26.43
66.70	30TH	26.26
66.25	25TH	26.08
65.74	20TH	25.88
65.16	15TH	25.65
64.42	10TH	25.36
63.30	5TH	24.92
62.55	3RD	24.62
61.97	2RD	24.40
61.01	1ST	24.02

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HIP BREADTH-STANDING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
41.75- 42.25	1	790	0.13	100.00
41.25- 41.75	0	789	0.00	99.87
40.75- 41.25	0	789	0.00	99.87
40.25- 40.75	0	789	0.00	99.87
39.75- 40.25	0	789	0.00	99.87
39.25- 39.75	0	789	0.00	99.87
38.75- 39.25	1	789	0.13	99.87
38.25- 38.75	0	788	0.00	99.75
37.75- 38.25	0	788	0.00	99.75
37.25- 37.75	1	788	0.13	99.75
36.75- 37.25	5	787	0.63	99.62
36.25- 36.75	10	782	1.27	98.99
35.75- 36.25	18	772	2.28	97.72
35.25- 35.75	21	754	2.66	95.44
34.75- 35.25	23	733	2.91	92.78
34.25- 34.75	41	710	5.19	89.87
33.75- 34.25	46	669	5.82	84.68
33.25- 33.75	68	623	8.61	78.86
32.75- 33.25	70	555	8.86	70.25
32.25- 32.75	102	485	12.91	61.39
31.75- 32.25	91	383	11.52	48.48
31.25- 31.75	112	292	14.18	36.96
30.75- 31.25	69	180	8.73	22.78
30.25- 30.75	56	111	7.09	14.05
29.75- 30.25	24	55	3.04	6.96
29.25- 29.75	18	31	2.28	3.92
28.75- 29.25	6	13	0.76	1.65
28.25- 28.75	5	7	0.63	0.89
27.75- 28.25	2	2	0.25	0.25



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
32.48	MEAN VALUE	12.79
0.06	SE(MEAN)	0.02
1.72	SD DEVIATION	0.68
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.57
KURTOSIS---VETA II = 4.06
COEF. OF VARIATION = 5.31

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
36.80	99TH	14.49
36.36	98TH	14.32
36.04	97TH	14.19
35.58	95TH	14.01
34.81	90TH	13.71
34.29	85TH	13.50
33.88	80TH	13.34
33.54	75TH	13.20
33.24	70TH	13.09
32.98	65TH	12.98
32.73	60TH	12.89
32.51	55TH	12.80
32.29	50TH	12.71
32.08	45TH	12.63
31.88	40TH	12.55
31.68	35TH	12.47
31.48	30TH	12.39
31.27	25TH	12.31
31.05	20TH	12.22
30.79	15TH	12.12
30.47	10TH	12.00
29.98	5TH	11.80
29.62	3RD	11.66
29.32	2RD	11.54
28.78	1ST	11.33

*IN CENTIMETERS

THE AIR FORCE

VARIABLE 11

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CHEST BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
39.25- 39.75	1	790	0.13	100.00
38.75- 39.25	0	789	0.00	99.87
38.25- 38.75	1	789	0.13	99.87
37.75- 38.25	0	788	0.00	99.75
37.25- 37.75	0	788	0.00	99.75
36.75- 37.25	0	788	0.00	99.75
36.25- 36.75	2	788	0.25	99.75
35.75- 36.25	2	786	0.25	99.49
35.25- 35.75	3	784	0.38	99.24
34.75- 35.25	5	781	0.63	98.86
34.25- 34.75	10	776	1.27	98.23
33.75- 34.25	5	766	0.63	96.96
33.25- 33.75	13	761	1.65	96.33
32.75- 33.25	13	748	1.65	94.68
32.25- 32.75	24	735	3.04	93.04
31.75- 32.25	21	711	2.66	90.00
31.25- 31.75	49	690	6.20	87.34
30.75- 31.25	50	641	6.33	81.14
30.25- 30.75	59	591	7.47	74.81
29.75- 30.25	57	532	7.22	67.34
29.25- 29.75	77	475	9.75	60.13
28.75- 29.25	85	398	10.76	50.38
28.25- 28.75	91	313	11.52	39.62
27.75- 28.25	67	222	8.48	28.10
27.25- 27.75	59	155	7.47	19.62
26.75- 27.25	33	96	4.18	12.15
26.25- 26.75	34	63	4.30	7.97
25.75- 26.25	15	29	1.90	3.67
25.25- 25.75	9	14	1.14	1.77
24.75- 25.25	2	5	0.25	0.63
24.25- 24.75	2	3	0.25	0.38
23.75- 24.25	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
29.50	MEAN VALUE	11.61
0.07	SE(MEAN)	0.03
2.10	SD DEVIATION	0.83
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.71
KURTOSIS---VETA II = 4.10
COEF. OF VARIATION = 7.13

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
35.52	99TH	13.99
34.63	98TH	13.63
34.08	97TH	13.42
33.36	95TH	13.14
32.32	90TH	12.72
31.65	85TH	12.46
31.16	80TH	12.27
30.74	75TH	12.10
30.39	70TH	11.96
30.08	65TH	11.84
29.79	60TH	11.73
29.52	55TH	11.62
29.26	50TH	11.52
29.01	45TH	11.42
28.77	40TH	11.33
28.52	35TH	11.23
28.28	30TH	11.13
28.02	25TH	11.03
27.73	20TH	10.92
27.42	15TH	10.79
27.03	10TH	10.64
26.47	5TH	10.42
26.10	3RD	10.28
25.82	2RD	10.17
25.37	1ST	9.99

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CHEST DEPTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
30.75- 31.05	1	790	0.13	100.00
30.45- 30.75	1	789	0.13	99.87
30.15- 30.45	0	788	0.00	99.75
29.85- 30.15	0	788	0.00	99.75
29.55- 29.85	0	788	0.00	99.75
29.25- 29.55	0	788	0.00	99.75
28.95- 29.25	1	788	0.13	99.75
28.65- 28.95	2	787	0.25	99.62
28.35- 28.65	2	785	0.25	99.37
28.05- 28.35	0	783	0.00	99.11
27.75- 28.05	1	783	0.13	99.11
27.45- 27.75	5	782	0.63	98.99
27.15- 27.45	3	777	0.38	98.35
26.85- 27.15	7	774	0.89	97.97
26.55- 26.85	7	767	0.89	97.09
26.25- 26.55	5	760	0.63	96.20
25.95- 26.25	8	755	1.01	95.57
25.65- 25.95	4	747	0.51	94.56
25.35- 25.65	18	743	2.28	94.05
25.05- 25.35	5	725	0.63	91.77
24.75- 25.05	22	720	2.78	91.14
24.45- 24.75	25	698	3.16	88.35
24.15- 24.45	25	673	3.16	85.19
23.85- 24.15	27	648	3.42	82.03
23.55- 23.85	26	621	3.29	78.61
23.25- 23.55	44	595	5.57	75.32
22.95- 23.25	40	551	5.06	69.75
22.65- 22.95	40	511	5.06	64.68
22.35- 22.65	49	471	6.20	59.62
22.05- 22.35	38	422	4.81	53.42
21.75- 22.05	44	384	5.57	48.61
21.45- 21.75	52	340	6.58	43.04
21.15- 21.45	56	288	7.09	36.46
20.85- 21.15	47	232	5.95	29.37
20.55- 20.85	38	185	4.81	23.42
20.25- 20.55	52	147	6.58	18.61
19.95- 20.25	38	95	4.81	12.03
19.65- 19.95	19	57	2.41	7.22
19.35- 19.65	20	38	2.53	4.81
19.05- 19.35	7	18	0.89	2.28
18.75- 19.05	6	11	0.76	1.39
18.45- 18.75	3	5	0.38	0.63
18.15- 18.45	1	2	0.13	0.25
17.85- 18.15	0	1	0.00	0.13
17.55- 17.85	0	1	0.00	0.13
17.25- 17.55	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
22.38	MEAN VALUE	8.81
0.07	SE(MEAN)	0.03
1.98	SD DEVIATION	0.78
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.76
KURTOSIS---VETA II = 3.79
COEF. OF VARIATION = 8.83

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
27.84	99TH	10.96
27.14	98TH	10.69
26.69	97TH	10.51
26.06	95TH	10.26
25.10	90TH	9.88
24.46	85TH	9.63
23.98	80TH	9.44
23.57	75TH	9.28
23.23	70TH	9.14
22.91	65TH	9.02
22.63	60TH	8.91
22.36	55TH	8.80
22.11	50TH	8.71
21.87	45TH	8.61
21.63	40TH	8.52
21.40	35TH	8.43
21.17	30TH	8.34
20.94	25TH	8.24
20.69	20TH	8.14
20.42	15TH	8.04
20.10	10TH	7.91
19.68	5TH	7.75
19.42	3RD	7.64
19.23	2RD	7.57
18.92	1ST	7.45

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

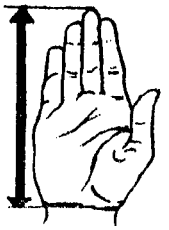
.....

HAND LENGTH

THE FREQUENCY TABLES.

RANGES*	F	CUMF	FPCT	CUMPCT
21.35- 21.55	1	790	0.13	100.00
21.15- 21.35	1	789	0.13	99.87
20.95- 21.15	3	788	0.38	99.75
20.75- 20.95	2	785	0.25	99.37
20.55- 20.75	7	783	0.89	99.11
20.35- 20.55	6	776	0.76	98.23
20.15- 20.35	12	770	1.52	97.47
19.95- 20.15	21	758	2.66	95.95
19.75- 19.95	31	737	3.92	93.29
19.55- 19.75	32	706	4.05	89.37
19.35- 19.55	39	674	4.94	85.32
19.15- 19.35	73	635	9.24	80.38
18.95- 19.15	62	562	7.85	71.14
18.75- 18.95	75	500	9.49	63.29
18.55- 18.75	67	425	8.48	53.80
18.35- 18.55	76	358	9.62	45.32
18.15- 18.35	73	282	9.24	35.70
17.95- 18.15	56	209	7.09	26.46
17.75- 17.95	48	153	6.08	19.37
17.55- 17.75	45	105	5.70	13.29
17.35- 17.55	26	60	3.29	7.59
17.15- 17.35	17	34	2.15	4.30
16.95- 17.15	7	17	0.89	2.15
16.75- 16.95	6	10	0.76	1.27
16.55- 16.75	3	4	0.38	0.51
16.35- 16.55	0	1	0.00	0.13
16.15- 16.35	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.68	MEAN VALUE	7.36
0.03	SE(MEAN)	0.01
0.82	SD DEVIATION	0.32
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.21
KURTOSIS---VETA II = 2.92
COEF. OF VARIATION = 4.41

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
20.72	99TH	8.16
20.47	98TH	8.06
20.31	97TH	8.00
20.09	95TH	7.91
19.76	90TH	7.78
19.55	85TH	7.70
19.37	80TH	7.63
19.23	75TH	7.57
19.10	70TH	7.52
18.98	65TH	7.47
18.87	60TH	7.43
18.76	55TH	7.39
18.66	50TH	7.34
18.55	45TH	7.30
18.45	40TH	7.26
18.34	35TH	7.22
18.23	30TH	7.18
18.11	25TH	7.13
17.98	20TH	7.08
17.83	15TH	7.02
17.64	10TH	6.95
17.38	5TH	6.84
17.21	3RD	6.78
17.09	2RD	6.73
16.91	1ST	6.66

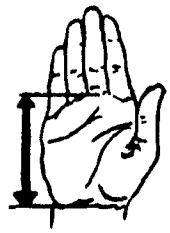
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

PALM LENGTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
12.25-	12.35	1	790	0.13	100.00
12.15-	12.25	0	789	0.00	99.87
12.05-	12.15	2	789	0.25	99.87
11.95-	12.05	3	787	0.38	99.62
11.85-	11.95	1	784	0.13	99.24
11.75-	11.85	2	783	0.25	99.11
11.65-	11.75	8	781	1.01	98.86
11.55-	11.65	2	773	0.25	97.85
11.45-	11.55	5	771	0.63	97.59
11.35-	11.45	16	766	2.03	96.96
11.25-	11.35	14	750	1.77	94.94
11.15-	11.25	20	736	2.53	93.16
11.05-	11.15	25	716	3.16	90.63
10.95-	11.05	43	691	5.44	87.47
10.85-	10.95	55	648	6.96	82.03
10.75-	10.85	22	593	2.78	75.06
10.65-	10.75	49	571	6.20	72.28
10.55-	10.65	69	522	8.73	66.08
10.45-	10.55	50	453	6.33	57.34
10.35-	10.45	67	403	8.48	51.01
10.25-	10.35	67	336	8.48	42.53
10.15-	10.25	54	269	6.84	34.05
10.05-	10.15	45	215	5.70	27.22
9.95-	10.05	72	170	9.11	21.52
9.85-	9.95	19	98	2.41	12.41
9.75-	9.85	26	79	3.29	10.00
9.65-	9.75	17	53	2.15	6.71
9.55-	9.65	16	36	2.03	4.56
9.45-	9.55	9	20	1.14	2.53
9.35-	9.45	3	11	0.38	1.39
9.25-	9.35	1	8	0.13	1.01
9.15-	9.25	5	7	0.63	0.89
9.05-	9.15	0	2	0.00	0.25
8.95-	9.05	1	2	0.13	0.25
8.85-	8.95	0	1	0.00	0.13
8.75-	8.85	1	1	0.13	0.13



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
10.48	MEAN VALUE	4.12
0.02	SE(MEAN)	0.01
0.51	SD DEVIATION	0.20
0.01	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.26
KURTOSIS---VETA II = 3.26
COEF. OF VARIATION = 4.90

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

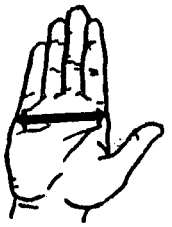
CENTIMETERS		INCHES
11.80	99TH	4.65
11.62	98TH	4.58
11.51	97TH	4.53
11.36	95TH	4.47
11.14	90TH	4.39
11.00	85TH	4.33
10.89	80TH	4.29
10.80	75TH	4.25
10.72	70TH	4.22
10.65	65TH	4.19
10.58	60TH	4.16
10.51	55TH	4.14
10.45	50TH	4.11
10.39	45TH	4.09
10.33	40TH	4.07
10.26	35TH	4.04
10.20	30TH	4.01
10.12	25TH	3.99
10.05	20TH	3.96
9.96	15TH	3.92
9.84	10TH	3.88
9.68	5TH	3.81
9.57	3RD	3.77
9.49	2RD	3.73
9.35	1ST	3.68

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HAND BREADTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
10.05-	10.15	1	790	0.13	100.00
9.95-	10.05	0	789	0.00	99.87
9.85-	9.95	1	789	0.13	99.87
9.75-	9.85	1	788	0.13	99.75
9.65-	9.75	3	787	0.38	99.62
9.55-	9.65	1	784	0.13	99.24
9.45-	9.55	7	783	0.89	99.11
9.35-	9.45	17	776	2.15	98.23
9.25-	9.35	13	759	1.65	96.08
9.15-	9.25	19	746	2.41	94.43
9.05-	9.15	35	727	4.43	92.03
8.95-	9.05	74	692	9.37	87.59
8.85-	8.95	68	618	8.61	78.23
8.75-	8.85	40	550	5.06	69.62
8.65-	8.75	64	510	8.10	64.56
8.55-	8.65	74	446	9.37	56.46
8.45-	8.55	74	372	9.37	47.09
8.35-	8.45	90	298	11.39	37.72
8.25-	8.35	73	208	9.24	26.33
8.15-	8.25	51	135	6.46	17.09
8.05-	8.15	40	84	5.06	10.63
7.95-	8.05	19	44	2.41	5.57
7.85-	7.95	14	25	1.77	3.16
7.75-	7.85	3	11	0.38	1.39
7.65-	7.75	2	8	0.25	1.01
7.55-	7.65	3	6	0.38	0.76
7.45-	7.55	2	3	0.25	0.38
7.35-	7.45	0	1	0.00	0.13
7.25-	7.35	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
8.61	MEAN VALUE	3.39
0.01	SE(MEAN)	0.01
0.39	SD DEVIATION	0.15
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.21
KURTOSIS---VETA II = 3.09
COEF. OF VARIATION = 4.56

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
9.53	99TH	3.75
9.45	98TH	3.72
9.39	97TH	3.70
9.30	95TH	3.66
9.14	90TH	3.60
9.04	85TH	3.56
8.95	80TH	3.52
8.88	75TH	3.49
8.81	70TH	3.47
8.75	65TH	3.44
8.69	60TH	3.42
8.64	55TH	3.40
8.59	50TH	3.38
8.54	45TH	3.36
8.49	40TH	3.34
8.44	35TH	3.32
8.39	30TH	3.30
8.34	25TH	3.28
8.28	20TH	3.26
8.22	15TH	3.23
8.14	10TH	3.20
8.02	5TH	3.16
7.93	3RD	3.12
7.87	2RD	3.10
7.76	1ST	3.06

*IN CENTIMETERS

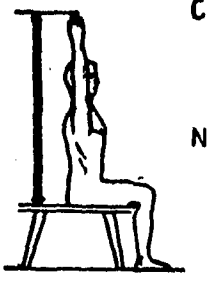
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

ARM REACH-UPWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
150.25-151.25	2	790	0.25	100.00
149.25-150.25	1	788	0.13	99.75
148.25-149.25	1	787	0.13	99.62
147.25-148.25	8	786	1.01	99.49
146.25-147.25	5	778	0.63	98.48
145.25-146.25	13	773	1.65	97.85
144.25-145.25	16	760	2.03	96.20
143.25-144.25	18	744	2.28	94.18
142.25-143.25	30	726	3.80	91.90
141.25-142.25	35	696	4.43	88.10
140.25-141.25	37	661	4.68	83.67
139.25-140.25	43	624	5.44	78.99
138.25-139.25	46	581	5.82	73.54
137.25-138.25	78	535	9.87	67.72
136.25-137.25	68	457	8.61	57.85
135.25-136.25	57	389	7.22	49.24
134.25-135.25	68	332	8.61	42.03
133.25-134.25	61	264	7.72	33.42
132.25-133.25	50	203	6.33	25.70
131.25-132.25	40	153	5.06	19.37
130.25-131.25	30	113	3.80	14.30
129.25-130.25	29	83	3.67	10.51
128.25-129.25	14	54	1.77	6.84
127.25-128.25	17	40	2.15	5.06
126.25-127.25	7	23	0.89	2.91
125.25-126.25	7	16	0.89	2.03
124.25-125.25	2	9	0.25	1.14
123.25-124.25	4	7	0.51	0.89
122.25-123.25	1	3	0.13	0.38
121.25-122.25	1	2	0.13	0.25
120.25-121.25	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
136.33	MEAN VALUE	53.67
0.17	SE(MEAN)	0.07
4.88	SD DEVIATION	1.92
0.12	SE(SD DEV)	0.05

****

SYMMETRY---VETA I = 0.01
KURTOSIS---VETA II = 3.03
COEF. OF VARIATION = 3.58

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
147.78	99TH	58.18
146.55	98TH	57.70
145.72	97TH	57.37
144.56	95TH	56.91
142.71	90TH	56.18
141.45	85TH	55.69
140.45	80TH	55.30
139.59	75TH	54.96
138.84	70TH	54.66
138.14	65TH	54.39
137.49	60TH	54.13
136.86	55TH	53.88
136.25	50TH	53.64
135.64	45TH	53.40
135.03	40TH	53.16
134.41	35TH	52.92
133.76	30TH	52.66
133.05	25TH	52.38
132.27	20TH	52.07
131.36	15TH	51.72
130.20	10TH	51.26
128.41	5TH	50.56
127.19	3RD	50.08
126.25	2RD	49.70
124.66	1ST	49.08

*IN CENTIMETERS

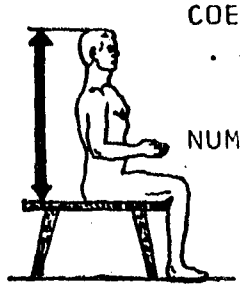
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SITTING HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
98.25- 99.25	1	790	0.13	100.00
97.25- 98.25	2	789	0.25	99.87
96.25- 97.25	10	787	1.27	99.62
95.25- 96.25	7	777	0.89	98.35
94.25- 95.25	16	770	2.03	97.47
93.25- 94.25	28	754	3.54	95.44
92.25- 93.25	47	726	5.95	91.90
91.25- 92.25	82	679	10.38	85.95
90.25- 91.25	88	597	11.14	75.57
89.25- 90.25	103	509	13.04	64.43
88.25- 89.25	104	406	13.16	51.39
87.25- 88.25	77	302	9.75	38.23
86.25- 87.25	76	225	9.62	28.48
85.25- 86.25	68	149	8.61	18.86
84.25- 85.25	32	81	4.05	10.25
83.25- 84.25	25	49	3.16	6.20
82.25- 83.25	14	24	1.77	3.04
81.25- 82.25	8	10	1.01	1.27
80.25- 81.25	1	2	0.13	0.25
79.25- 80.25	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
89.11	MEAN VALUE	35.08
0.11	SE(MEAN)	0.04
3.08	SD DEVIATION	1.21
0.08	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 2.96
COEF. OF VARIATION = 3.45

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

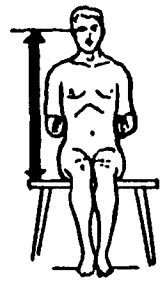
CENTIMETERS		INCHES
96.83	99TH	38.12
95.69	98TH	37.67
95.03	97TH	37.41
94.19	95TH	37.08
93.00	90TH	36.61
92.24	85TH	36.31
91.65	80TH	36.08
91.15	75TH	35.89
90.70	70TH	35.71
90.29	65TH	35.55
89.89	60TH	35.39
89.50	55TH	35.24
89.12	50TH	35.09
88.73	45TH	34.93
88.33	40TH	34.78
87.92	35TH	34.61
87.48	30TH	34.44
87.00	25TH	34.25
86.45	20TH	34.04
85.83	15TH	33.79
85.03	10TH	33.48
83.89	5TH	33.03
83.18	3RD	32.75
82.70	2RD	32.56
82.00	1ST	32.28

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

EYE HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
87.25- 88.25	1	790	0.13	100.00
86.25- 87.25	1	789	0.13	99.87
85.25- 86.25	7	788	0.89	99.75
84.25- 85.25	8	781	1.01	98.86
83.25- 84.25	17	773	2.15	97.85
82.25- 83.25	29	756	3.67	95.70
81.25- 82.25	39	727	4.94	92.03
80.25- 81.25	78	688	9.87	87.09
79.25- 80.25	92	610	11.65	77.22
78.25- 79.25	82	518	10.38	65.57
77.25- 78.25	99	436	12.53	55.19
76.25- 77.25	95	337	12.03	42.66
75.25- 76.25	81	242	10.25	30.63
74.25- 75.25	58	161	7.34	20.38
73.25- 74.25	35	103	4.43	13.04
72.25- 73.25	35	68	4.43	8.61
71.25- 72.25	19	33	2.41	4.18
70.25- 71.25	10	14	1.27	1.77
69.25- 70.25	2	4	0.25	0.51
68.25- 69.25	1	2	0.13	0.25
67.25- 68.25	0	1	0.00	0.13
66.25- 67.25	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
77.83	MEAN VALUE	30.64
0.11	SE(MEAN)	0.04
3.17	SD DEVIATION	1.25
0.08	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = -0.03
KURTOSIS---VETA II = 2.91
COEF. OF VARIATION = 4.08

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
85.42	99TH	33.63
84.41	98TH	33.23
83.81	97TH	33.00
83.03	95TH	32.69
81.88	90TH	32.24
81.13	85TH	31.94
80.53	80TH	31.71
80.02	75TH	31.50
79.55	70TH	31.32
79.12	65TH	31.15
78.70	60TH	30.99
78.30	55TH	30.83
77.89	50TH	30.67
77.49	45TH	30.51
77.07	40TH	30.34
76.63	35TH	30.17
76.17	30TH	29.99
75.67	25TH	29.79
75.10	20TH	29.57
74.45	15TH	29.31
73.64	10TH	28.99
72.48	5TH	28.54
71.78	3RD	28.26
71.31	2RD	28.07
70.64	1ST	27.81

*IN CENTIMETERS

THE AIR FORCE

VARIABLE 19

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

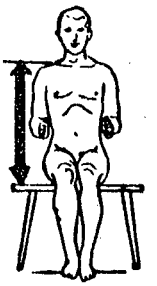
.....

MID-SHOULDER HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
70.75- 71.25	1	790	0.13	100.00
70.25- 70.75	0	789	0.00	99.87
69.75- 70.25	1	789	0.13	99.87
69.25- 69.75	1	788	0.13	99.75
68.75- 69.25	1	787	0.13	99.62
68.25- 68.75	1	786	0.13	99.49
67.75- 68.25	6	785	0.76	99.37
67.25- 67.75	5	779	0.63	98.61
66.75- 67.25	10	774	1.27	97.97
66.25- 66.75	9	764	1.14	96.71
65.75- 66.25	14	755	1.77	95.57
65.25- 65.75	17	741	2.15	93.80
64.75- 65.25	21	724	2.66	91.65
64.25- 64.75	43	703	5.44	88.99
63.75- 64.25	41	660	5.19	83.54
63.25- 63.75	45	619	5.70	78.35
62.75- 63.25	67	574	8.48	72.66
62.25- 62.75	67	507	8.48	64.18
61.75- 62.25	57	440	7.22	55.70
61.25- 61.75	37	383	4.68	48.48
60.75- 61.25	52	346	6.58	43.80
60.25- 60.75	57	294	7.22	37.22
59.75- 60.25	49	237	6.20	30.00
59.25- 59.75	49	188	6.20	23.80
58.75- 59.25	36	139	4.56	17.59
58.25- 58.75	37	103	4.68	13.04
57.75- 58.25	22	66	2.78	8.35
57.25- 57.75	10	44	1.27	5.57
56.75- 57.25	15	34	1.90	4.30
56.25- 56.75	10	19	1.27	2.41
55.75- 56.25	1	9	0.13	1.14
55.25- 55.75	3	8	0.38	1.01
54.75- 55.25	4	5	0.51	0.63
54.25- 54.75	0	1	0.00	0.13
53.75- 54.25	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
61.74	MEAN VALUE	24.31
0.09	SE(MEAN)	0.04
2.62	SD DEVIATION	1.03
0.07	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 2.98
COEF. OF VARIATION = 4.24

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
68.04	99TH	26.79
67.25	98TH	26.48
66.76	97TH	26.28
66.10	95TH	26.02
65.11	90TH	25.63
64.45	85TH	25.37
63.93	80TH	25.17
63.48	75TH	24.99
63.09	70TH	24.84
62.72	65TH	24.69
62.37	60TH	24.56
62.04	55TH	24.42
61.71	50TH	24.29
61.38	45TH	24.16
61.04	40TH	24.03
60.70	35TH	23.90
60.34	30TH	23.75
59.94	25TH	23.60
59.51	20TH	23.43
59.01	15TH	23.23
58.38	10TH	22.98
57.46	5TH	22.62
56.89	3RD	22.40
56.47	2RD	22.23
55.84	1ST	21.98

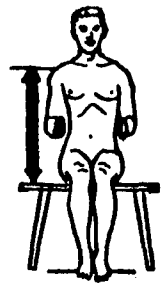
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER (ACROMION) HEIGHT SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
68.75- 69.25	1	790	0.13	100.00
68.25- 68.75	1	789	0.13	99.87
67.75- 68.25	0	788	0.00	99.75
67.25- 67.75	0	788	0.00	99.75
66.75- 67.25	1	788	0.13	99.75
66.25- 66.75	2	787	0.25	99.62
65.75- 66.25	1	785	0.13	99.37
65.25- 65.75	3	784	0.38	99.24
64.75- 65.25	7	781	0.89	98.86
64.25- 64.75	8	774	1.01	97.97
63.75- 64.25	7	766	0.89	96.96
63.25- 63.75	12	759	1.52	96.08
62.75- 63.25	20	747	2.53	94.56
62.25- 62.75	26	727	3.29	92.03
61.75- 62.25	40	701	5.06	88.73
61.25- 61.75	32	661	4.05	83.67
60.75- 61.25	45	629	5.70	79.62
60.25- 60.75	55	584	6.96	73.92
59.75- 60.25	61	529	7.72	66.96
59.25- 59.75	56	468	7.09	59.24
58.75- 59.25	58	412	7.34	52.15
58.25- 58.75	49	354	6.20	44.81
57.75- 58.25	45	305	5.70	38.61
57.25- 57.75	54	260	6.84	32.91
56.75- 57.25	41	206	5.19	26.08
56.25- 56.75	43	165	5.44	20.89
55.75- 56.25	34	122	4.30	15.44
55.25- 55.75	35	88	4.43	11.14
54.75- 55.25	13	53	1.65	6.71
54.25- 54.75	12	40	1.52	5.06
53.75- 54.25	12	28	1.52	3.54
53.25- 53.75	4	16	0.51	2.03
52.75- 53.25	8	12	1.01	1.52
52.25- 52.75	1	4	0.13	0.51
51.75- 52.25	2	3	0.25	0.38
51.25- 51.75	0	1	0.00	0.13
50.75- 51.25	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
59.05	MEAN VALUE	23.25
0.10	SE(MEAN)	0.04
2.69	SD DEVIATION	1.06
0.07	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.04
COEF. OF VARIATION = 4.56

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
65.48	99TH	25.78
64.68	98TH	25.46
64.18	97TH	25.27
63.52	95TH	25.01
62.52	90TH	24.61
61.85	85TH	24.35
61.33	80TH	24.14
60.87	75TH	23.96
60.46	70TH	23.80
60.09	65TH	23.66
59.73	60TH	23.52
59.38	55TH	23.38
59.04	50TH	23.24
58.70	45TH	23.11
58.35	40TH	22.97
57.99	35TH	22.83
57.62	30TH	22.68
57.21	25TH	22.52
56.75	20TH	22.34
56.23	15TH	22.14
55.58	10TH	21.88
54.65	5TH	21.52
54.07	3RD	21.29
53.66	2RD	21.13
53.06	1ST	20.89

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

KNEE HEIGHT-SITTING

THE FREQUENCY TABLES.

RANGES*	F	CUMF	FPCT	CUMPCT
58.75- 59.25	1	790	0.13	100.00
58.25- 58.75	0	789	0.00	99.87
57.75- 58.25	3	789	0.38	99.87
57.25- 57.75	5	786	0.63	99.49
56.75- 57.25	4	781	0.51	98.86
56.25- 56.75	7	777	0.89	98.35
55.75- 56.25	14	770	1.77	97.47
55.25- 55.75	24	756	3.04	95.70
54.75- 55.25	29	732	3.67	92.66
54.25- 54.75	31	703	3.92	88.99
53.75- 54.25	38	672	4.81	85.06
53.25- 53.75	60	634	7.59	80.25
52.75- 53.25	68	574	8.61	72.66
52.25- 52.75	79	506	10.00	64.05
51.75- 52.25	62	427	7.85	54.05
51.25- 51.75	79	365	10.00	46.20
50.75- 51.25	56	286	7.09	36.20
50.25- 50.75	62	230	7.85	29.11
49.75- 50.25	50	168	6.33	21.27
49.25- 49.75	34	118	4.30	14.94
48.75- 49.25	30	84	3.80	10.63
48.25- 48.75	17	54	2.15	6.84
47.75- 48.25	18	37	2.28	4.68
47.25- 47.75	13	19	1.65	2.41
46.75- 47.25	4	6	0.51	0.76
46.25- 46.75	1	2	0.13	0.25
45.75- 46.25	0	1	0.00	0.13
45.25- 45.75	0	1	0.00	0.13
44.75- 45.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
51.99	MEAN VALUE	20.47
0.08	SE(MEAN)	0.03
2.17	SD DEVIATION	0.85
0.05	SE(SD DEV)	0.02

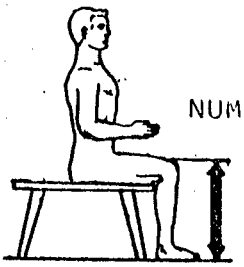
****

SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 2.88
COEF. OF VARIATION = 4.17

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
57.35	99TH	22.58
56.59	98TH	22.28
56.15	97TH	22.11
55.58	95TH	21.88
54.76	90TH	21.56
54.23	85TH	21.35
53.81	80TH	21.19
53.45	75TH	21.04
53.13	70TH	20.92
52.83	65TH	20.80
52.55	60TH	20.69
52.27	55TH	20.58
52.00	50TH	20.47
51.72	45TH	20.36
51.43	40TH	20.25
51.14	35TH	20.13
50.83	30TH	20.01
50.49	25TH	19.88
50.11	20TH	19.73
49.68	15TH	19.56
49.14	10TH	19.35
48.39	5TH	19.05
47.95	3RD	18.88
47.65	2RD	18.76
47.26	1ST	18.61

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR POPLITEAL HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
46.75- 47.25	1	790	0.13	100.00
46.25- 46.75	1	789	0.13	99.87
45.75- 46.25	2	788	0.25	99.75
45.25- 45.75	1	786	0.13	99.49
44.75- 45.25	4	785	0.51	99.37
44.25- 44.75	5	781	0.63	98.86
43.75- 44.25	16	776	2.03	98.23
43.25- 43.75	24	760	3.04	96.20
42.75- 43.25	30	736	3.80	93.16
42.25- 42.75	39	706	4.94	89.37
41.75- 42.25	58	667	7.34	84.43
41.25- 41.75	72	609	9.11	77.09
40.75- 41.25	91	537	11.52	67.97
40.25- 40.75	73	446	9.24	56.46
39.75- 40.25	80	373	10.13	47.22
39.25- 39.75	80	293	10.13	37.09
38.75- 39.25	76	213	9.62	26.96
38.25- 38.75	35	137	4.43	17.34
37.75- 38.25	41	102	5.19	12.91
37.25- 37.75	28	61	3.54	7.72
36.75- 37.25	18	33	2.28	4.18
36.25- 36.75	7	15	0.89	1.90
35.75- 36.25	6	8	0.76	1.01
35.25- 35.75	1	2	0.13	0.25
34.75- 35.25	0	1	0.00	0.13
34.25- 34.75	0	1	0.00	0.13
33.75- 34.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
40.41	MEAN VALUE	15.91
0.07	SE(MEAN)	0.03
1.86	SD DEVIATION	0.73
0.05	SE(SD DEV)	0.02

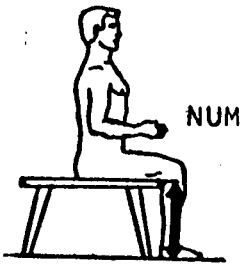
****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.09
COEF. OF VARIATION = 4.59

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

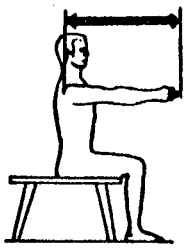
CENTIMETERS		INCHES
44.84	99TH	17.65
44.29	98TH	17.44
43.95	97TH	17.30
43.49	95TH	17.12
42.80	90TH	16.85
42.33	85TH	16.67
41.97	80TH	16.52
41.65	75TH	16.40
41.37	70TH	16.29
41.11	65TH	16.19
40.87	60TH	16.09
40.63	55TH	16.00
40.39	50TH	15.90
40.16	45TH	15.81
39.92	40TH	15.72
39.68	35TH	15.62
39.42	30TH	15.52
39.14	25TH	15.41
38.83	20TH	15.29
38.47	15TH	15.15
38.03	10TH	14.97
37.39	5TH	14.72
36.99	3RD	14.56
36.70	2RD	14.45
36.28	1ST	14.28

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ARM REACH-FORWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
95.25- 96.25	4	790	0.51	100.00
94.25- 95.25	4	786	0.51	99.49
93.25- 94.25	7	782	0.89	98.99
92.25- 93.25	11	775	1.39	98.10
91.25- 92.25	17	764	2.15	96.71
90.25- 91.25	29	747	3.67	94.56
89.25- 90.25	33	718	4.18	90.89
88.25- 89.25	53	685	6.71	86.71
87.25- 88.25	70	632	8.86	80.00
86.25- 87.25	94	562	11.90	71.14
85.25- 86.25	78	468	9.87	59.24
84.25- 85.25	99	390	12.53	49.37
83.25- 84.25	79	291	10.00	36.84
82.25- 83.25	66	212	8.35	26.84
81.25- 82.25	60	146	7.59	18.48
80.25- 81.25	27	86	3.42	10.89
79.25- 80.25	36	59	4.56	7.47
78.25- 79.25	10	23	1.27	2.91
77.25- 78.25	4	13	0.51	1.65
76.25- 77.25	2	9	0.25	1.14
75.25- 76.25	3	7	0.38	0.89
74.25- 75.25	3	4	0.38	0.51
73.25- 74.25	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
85.42	MEAN VALUE	33.63
0.13	SE(MEAN)	0.05
3.54	SD DEVIATION	1.39
0.09	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 3.18
COEF. OF VARIATION = 4.14

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
94.25	99TH	37.10
93.16	98TH	36.68
92.46	97TH	36.40
91.51	95TH	36.03
90.04	90TH	35.45
89.07	85TH	35.07
88.33	80TH	34.77
87.70	75TH	34.53
87.14	70TH	34.31
86.64	65TH	34.11
86.18	60TH	33.93
85.74	55TH	33.75
85.31	50TH	33.58
84.88	45TH	33.42
84.46	40TH	33.25
84.03	35TH	33.08
83.58	30TH	32.91
83.10	25TH	32.72
82.56	20TH	32.50
81.93	15TH	32.25
81.11	10TH	31.93
79.84	5TH	31.43
78.94	3RD	31.08
78.22	2RD	30.80
76.99	1ST	30.31

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR SHOULDER-ELBOW LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
41.25- 41.55	1	790	0.13	100.00
40.95- 41.25	1	789	0.13	99.87
40.65- 40.95	0	788	0.00	99.75
40.35- 40.65	0	788	0.00	99.75
40.05- 40.35	0	788	0.00	99.75
39.75- 40.05	2	788	0.25	99.75
39.45- 39.75	3	786	0.38	99.49
39.15- 39.45	4	783	0.51	99.11
38.85- 39.15	7	779	0.89	98.61
38.55- 38.85	4	772	0.51	97.72
38.25- 38.55	18	768	2.28	97.22
37.95- 38.25	11	750	1.39	94.94
37.65- 37.95	18	739	2.28	93.54
37.35- 37.65	27	721	3.42	91.27
37.05- 37.35	26	694	3.29	87.85
36.75- 37.05	45	668	5.70	84.56
36.45- 36.75	46	623	5.82	78.86
36.15- 36.45	38	577	4.81	73.04
35.85- 36.15	53	539	6.71	68.23
35.55- 35.85	57	486	7.22	61.52
35.25- 35.55	72	429	9.11	54.30
34.95- 35.25	57	357	7.22	45.19
34.65- 34.95	33	300	4.18	37.97
34.35- 34.65	64	267	8.10	33.80
34.05- 34.35	40	203	5.06	25.70
33.75- 34.05	45	163	5.70	20.63
33.45- 33.75	40	118	5.06	14.94
33.15- 33.45	31	78	3.92	9.87
32.85- 33.15	17	47	2.15	5.95
32.55- 32.85	12	30	1.52	3.80
32.25- 32.55	8	18	1.01	2.28
31.95- 32.25	4	10	0.51	1.27
31.65- 31.95	0	6	0.00	0.76
31.35- 31.65	3	6	0.38	0.76
31.05- 31.35	0	3	0.00	0.38
30.75- 31.05	2	3	0.25	0.38
30.45- 30.75	1	1	0.13	0.13

*IN CENTIMETERS

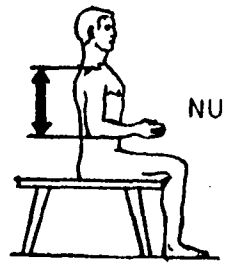
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
35.45	MEAN VALUE	13.96
0.06	SE(MEAN)	0.02
1.60	SD DEVIATION	0.63
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.22
KURTOSIS---VETA II = 3.11
COEF. OF VARIATION = 4.52

****



NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
39.37	99TH	15.50
38.91	98TH	15.32
38.61	97TH	15.20
38.20	95TH	15.04
37.56	90TH	14.79
37.13	85TH	14.62
36.80	80TH	14.49
36.51	75TH	14.37
36.25	70TH	14.27
36.02	65TH	14.18
35.80	60TH	14.09
35.59	55TH	14.01
35.38	50TH	13.93
35.18	45TH	13.85
34.97	40TH	13.77
34.77	35TH	13.69
34.55	30TH	13.60
34.33	25TH	13.51
34.08	20TH	13.42
33.79	15TH	13.30
33.45	10TH	13.17
32.96	5TH	12.98
32.66	3RD	12.86
32.45	2RD	12.78
32.13	1ST	12.65

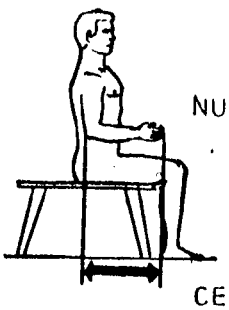
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOREARM HAND LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
51.75- 52.25	1	790	0.13	100.00
51.25- 51.75	0	789	0.00	99.87
50.75- 51.25	3	789	0.38	99.87
50.25- 50.75	7	786	0.89	99.49
49.75- 50.25	9	779	1.14	98.61
49.25- 49.75	25	770	3.16	97.47
48.75- 49.25	17	745	2.15	94.30
48.25- 48.75	37	728	4.68	92.15
47.75- 48.25	37	691	4.68	87.47
47.25- 47.75	61	654	7.72	82.78
46.75- 47.25	58	593	7.34	75.06
46.25- 46.75	94	535	11.90	67.72
45.75- 46.25	80	441	10.13	55.82
45.25- 45.75	111	361	14.05	45.70
44.75- 45.25	62	250	7.85	31.65
44.25- 44.75	62	188	7.85	23.80
43.75- 44.25	33	126	4.18	15.95
43.25- 43.75	32	93	4.05	11.77
42.75- 43.25	31	61	3.92	7.72
42.25- 42.75	16	30	2.03	3.80
41.75- 42.25	6	14	0.76	1.77
41.25- 41.75	4	8	0.51	1.01
40.75- 41.25	1	4	0.13	0.51
40.25- 40.75	2	3	0.25	0.38
39.75- 40.25	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
46.01	MEAN VALUE	18.11
0.07	SE(MEAN)	0.03
1.87	SD DEVIATION	0.74
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.05
KURTOSIS---VETA II = 3.03
COEF. OF VARIATION = 4.07

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
50.51	99TH	19.89
50.01	98TH	19.69
49.67	97TH	19.56
49.21	95TH	19.37
48.49	90TH	19.09
48.00	85TH	18.90
47.61	80TH	18.74
47.28	75TH	18.61
46.99	70TH	18.50
46.72	65TH	18.39
46.46	60TH	18.29
46.22	55TH	18.20
45.99	50TH	18.10
45.75	45TH	18.01
45.52	40TH	17.92
45.27	35TH	17.82
45.02	30TH	17.73
44.75	25TH	17.62
44.45	20TH	17.50
44.11	15TH	17.36
43.67	10TH	17.19
43.01	5TH	16.93
42.58	3RD	16.76
42.25	2RD	16.63
41.71	1ST	16.42

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

SHOULDER BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
54.25- 54.75	1	790	0.13	100.00
53.75- 54.25	0	789	0.00	99.87
53.25- 53.75	1	789	0.13	99.87
52.75- 53.25	1	788	0.13	99.75
52.25- 52.75	0	787	0.00	99.62
51.75- 52.25	0	787	0.00	99.62
51.25- 51.75	0	787	0.00	99.62
50.75- 51.25	4	787	0.51	99.62
50.25- 50.75	4	783	0.51	99.11
49.75- 50.25	5	779	0.63	98.61
49.25- 49.75	15	774	1.90	97.97
48.75- 49.25	10	759	1.27	96.08
48.25- 48.75	16	749	2.03	94.81
47.75- 48.25	10	733	1.27	92.78
47.25- 47.75	24	723	3.04	91.52
46.75- 47.25	17	699	2.15	88.48
46.25- 46.75	32	682	4.05	86.33
45.75- 46.25	26	650	3.29	82.28
45.25- 45.75	49	624	6.20	78.99
44.75- 45.25	39	575	4.94	72.78
44.25- 44.75	63	536	7.97	67.85
43.75- 44.25	43	473	5.44	59.87
43.25- 43.75	64	430	8.10	54.43
42.75- 43.25	43	366	5.44	46.33
42.25- 42.75	76	323	9.62	40.89
41.75- 42.25	55	247	6.96	31.27
41.25- 41.75	52	192	6.58	24.30
40.75- 41.25	39	140	4.94	17.72
40.25- 40.75	36	101	4.56	12.78
39.75- 40.25	20	65	2.53	8.23
39.25- 39.75	15	45	1.90	5.70
38.75- 39.25	18	30	2.28	3.80
38.25- 38.75	4	12	0.51	1.52
37.75- 38.25	4	8	0.51	1.01
37.25- 37.75	4	4	0.51	0.51



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
43.72	MEAN VALUE	17.21
0.10	SE(MEAN)	0.04
2.74	SD DEVIATION	1.08
0.07	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.48
KURTOSIS---VETA II = 3.15
COEF. OF VARIATION = 6.27

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
50.65	99TH	19.94
49.91	98TH	19.65
49.39	97TH	19.45
48.65	95TH	19.15
47.46	90TH	18.69
46.65	85TH	18.37
46.02	80TH	18.12
45.48	75TH	17.90
45.01	70TH	17.72
44.58	65TH	17.55
44.19	60TH	17.40
43.82	55TH	17.25
43.46	50TH	17.11
43.12	45TH	16.98
42.78	40TH	16.84
42.44	35TH	16.71
42.10	30TH	16.58
41.74	25TH	16.43
41.36	20TH	16.28
40.94	15TH	16.12
40.42	10TH	15.91
39.68	5TH	15.62
39.19	3RD	15.43
38.81	2RD	15.28
38.18	1ST	15.03

*IN CENTIMETERS

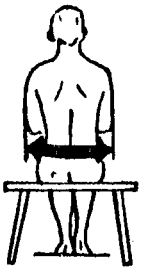
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ELBOW-TO-ELBOW BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
61.25- 62.25	1	790	0.13	100.00
60.25- 61.25	0	789	0.00	99.87
59.25- 60.25	0	789	0.00	99.87
58.25- 59.25	2	789	0.25	99.87
57.25- 58.25	4	787	0.51	99.62
56.25- 57.25	2	783	0.25	99.11
55.25- 56.25	5	781	0.63	98.86
54.25- 55.25	6	776	0.76	98.23
53.25- 54.25	13	770	1.65	97.47
52.25- 53.25	20	757	2.53	95.82
51.25- 52.25	21	737	2.66	93.29
50.25- 51.25	25	716	3.16	90.63
49.25- 50.25	34	691	4.30	87.47
48.25- 49.25	29	657	3.67	83.16
47.25- 48.25	39	628	4.94	79.49
46.25- 47.25	45	589	5.70	74.56
45.25- 46.25	54	544	6.84	68.86
44.25- 45.25	64	490	8.10	62.03
43.25- 44.25	77	426	9.75	53.92
42.25- 43.25	79	349	10.00	44.18
41.25- 42.25	74	270	9.37	34.18
40.25- 41.25	64	196	8.10	24.81
39.25- 40.25	64	132	8.10	16.71
38.25- 39.25	35	68	4.43	8.61
37.25- 38.25	16	33	2.03	4.18
36.25- 37.25	10	17	1.27	2.15
35.25- 36.25	3	7	0.38	0.89
34.25- 35.25	3	4	0.38	0.51
33.25- 34.25	0	1	0.00	0.13
32.25- 33.25	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
44.50	MEAN VALUE	17.52
0.16	SE(MEAN)	0.06
4.53	SD DEVIATION	1.78
0.11	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = 0.62
KURTOSIS---VETA II = 3.16
COEF. OF VARIATION = 10.17

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
56.52	99TH	22.25
55.21	98TH	21.73
54.28	97TH	21.37
52.95	95TH	20.85
50.82	90TH	20.01
49.38	85TH	19.44
48.26	80TH	19.00
47.32	75TH	18.63
46.51	70TH	18.31
45.78	65TH	18.02
45.12	60TH	17.76
44.50	55TH	17.52
43.92	50TH	17.29
43.36	45TH	17.07
42.82	40TH	16.86
42.30	35TH	16.65
41.77	30TH	16.44
41.23	25TH	16.23
40.67	20TH	16.01
40.06	15TH	15.77
39.35	10TH	15.49
38.35	5TH	15.10
37.70	3RD	14.84
37.20	2RD	14.64
36.33	1ST	14.30

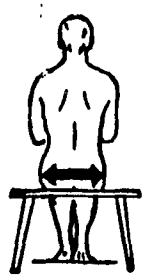
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HIP BREADTH-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
42.25- 42.75	1	790	0.13	100.00
41.75- 42.25	0	789	0.00	99.87
41.25- 41.75	0	789	0.00	99.87
40.75- 41.25	1	789	0.13	99.87
40.25- 40.75	1	788	0.13	99.75
39.75- 40.25	0	787	0.00	99.62
39.25- 39.75	6	787	0.76	99.62
38.75- 39.25	4	781	0.51	98.86
38.25- 38.75	7	777	0.89	98.35
37.75- 38.25	6	770	0.76	97.47
37.25- 37.75	15	764	1.90	96.71
36.75- 37.25	17	749	2.15	94.81
36.25- 36.75	40	732	5.06	92.66
35.75- 36.25	15	692	1.90	87.59
35.25- 35.75	43	677	5.44	85.70
34.75- 35.25	30	634	3.80	80.25
34.25- 34.75	65	604	8.23	76.46
33.75- 34.25	47	539	5.95	68.23
33.25- 33.75	83	492	10.51	62.28
32.75- 33.25	71	409	8.99	51.77
32.25- 32.75	114	338	14.43	42.78
31.75- 32.25	60	224	7.59	28.35
31.25- 31.75	61	164	7.72	20.76
30.75- 31.25	46	103	5.82	13.04
30.25- 30.75	32	57	4.05	7.22
29.75- 30.25	13	25	1.65	3.16
29.25- 29.75	5	12	0.63	1.52
28.75- 29.25	4	7	0.51	0.89
28.25- 28.75	3	3	0.38	0.38

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.46	MEAN VALUE	13.17
0.07	SE(MEAN)	0.03
2.11	SD DEVIATION	0.83
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.63
KURTOSIS---VETA II = 3.48
COEF. OF VARIATION = 6.29

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
39.29	99TH	15.47
38.55	98TH	15.18
38.05	97TH	14.98
37.37	95TH	14.71
36.33	90TH	14.30
35.65	85TH	14.04
35.14	80TH	13.83
34.71	75TH	13.66
34.34	70TH	13.52
34.01	65TH	13.39
33.71	60TH	13.27
33.44	55TH	13.16
33.18	50TH	13.06
32.93	45TH	12.96
32.68	40TH	12.87
32.45	35TH	12.77
32.21	30TH	12.68
31.96	25TH	12.58
31.69	20TH	12.48
31.40	15TH	12.36
31.04	10TH	12.22
30.52	5TH	12.01
30.16	3RD	11.87
29.87	2RD	11.76
29.36	1ST	11.56

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

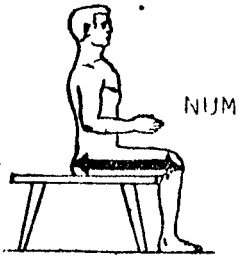
.....

BUTTOCK-KNEE LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
64.75- 65.25	1	790	0.13	100.00
64.25- 64.75	0	789	0.00	99.87
63.75- 64.25	0	789	0.00	99.87
63.25- 63.75	3	789	0.38	99.87
62.75- 63.25	1	786	0.13	99.49
62.25- 62.75	3	785	0.38	99.37
61.75- 62.25	3	782	0.38	98.99
61.25- 61.75	10	779	1.27	98.61
60.75- 61.25	8	769	1.01	97.34
60.25- 60.75	18	761	2.28	96.33
59.75- 60.25	10	743	1.27	94.05
59.25- 59.75	34	733	4.30	92.78
58.75- 59.25	17	699	2.15	88.48
58.25- 58.75	60	682	7.59	86.33
57.75- 58.25	31	622	3.92	78.73
57.25- 57.75	66	591	8.35	74.81
56.75- 57.25	43	525	5.44	66.46
56.25- 56.75	81	482	10.25	61.01
55.75- 56.25	47	401	5.95	50.76
55.25- 55.75	85	354	10.76	44.81
54.75- 55.25	38	269	4.81	34.05
54.25- 54.75	53	231	6.71	29.24
53.75- 54.25	47	178	5.95	22.53
53.25- 53.75	53	131	6.71	16.58
52.75- 53.25	21	78	2.66	9.87
52.25- 52.75	21	57	2.66	7.22
51.75- 52.25	14	36	1.77	4.56
51.25- 51.75	5	22	0.63	2.78
50.75- 51.25	7	17	0.89	2.15
50.25- 50.75	5	10	0.63	1.27
49.75- 50.25	2	5	0.25	0.63
49.25- 49.75	1	3	0.13	0.38
48.75- 49.25	2	2	0.25	0.25

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
56.19	MEAN VALUE	22.12
0.09	SE(MEAN)	0.03
2.46	SD DEVIATION	0.97
0.06	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.16
KURTOSIS---VETA II = 3.13
COEF. OF VARIATION = 4.37

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
62.25	99TH	24.51
61.54	98TH	24.23
61.07	97TH	24.04
60.43	95TH	23.79
59.44	90TH	23.40
58.77	85TH	23.14
58.26	80TH	22.94
57.81	75TH	22.76
57.42	70TH	22.61
57.07	65TH	22.47
56.74	60TH	22.34
56.42	55TH	22.21
56.11	50TH	22.09
55.81	45TH	21.97
55.51	40TH	21.85
55.20	35TH	21.73
54.87	30TH	21.60
54.53	25TH	21.47
54.14	20TH	21.32
53.70	15TH	21.14
53.14	10TH	20.92
52.29	5TH	20.59
51.72	3RD	20.36
51.27	2RD	20.19
50.54	1ST	19.90

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BUTTOCK-POPLITEAL LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
52.25- 52.75	1	790	0.13	100.00
51.75- 52.25	1	789	0.13	99.87
51.25- 51.75	4	788	0.51	99.75
50.75- 51.25	3	784	0.38	99.24
50.25- 50.75	10	781	1.27	98.86
49.75- 50.25	11	771	1.39	97.59
49.25- 49.75	18	760	2.28	96.20
48.75- 49.25	18	742	2.28	93.92
48.25- 48.75	26	724	3.29	91.65
47.75- 48.25	42	698	5.32	88.35
47.25- 47.75	59	656	7.47	83.04
46.75- 47.25	66	597	8.35	75.57
46.25- 46.75	55	531	6.96	67.22
45.75- 46.25	75	476	9.49	60.25
45.25- 45.75	79	401	10.00	50.76
44.75- 45.25	69	322	8.73	40.76
44.25- 44.75	57	253	7.22	32.03
43.75- 44.25	53	196	6.71	24.81
43.25- 43.75	43	143	5.44	18.10
42.75- 43.25	46	100	5.82	12.66
42.25- 42.75	20	54	2.53	6.84
41.75- 42.25	12	34	1.52	4.30
41.25- 41.75	6	22	0.76	2.78
40.75- 41.25	6	16	0.76	2.03
40.25- 40.75	4	10	0.51	1.27
39.75- 40.25	3	6	0.38	0.76
39.25- 39.75	2	3	0.25	0.38
38.75- 39.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
45.74	MEAN VALUE	18.01
0.08	SE(MEAN)	0.03
2.15	SD DEVIATION	0.85
0.05	SE(SD DEV)	0.02

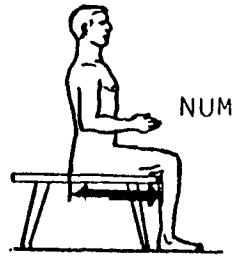
****

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 3.04
COEF. OF VARIATION = 4.71

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
50.96	99TH	20.06
50.38	98TH	19.84
50.00	97TH	19.68
49.45	95TH	19.47
48.60	90TH	19.13
48.02	85TH	18.91
47.57	80TH	18.73
47.18	75TH	18.58
46.84	70TH	18.44
46.53	65TH	18.32
46.24	60TH	18.21
45.97	55TH	18.10
45.70	50TH	17.99
45.43	45TH	17.89
45.17	40TH	17.78
44.89	35TH	17.68
44.61	30TH	17.56
44.31	25TH	17.44
43.97	20TH	17.31
43.57	15TH	17.15
43.06	10TH	16.95
42.27	5TH	16.64
41.72	3RD	16.42
41.28	2RD	16.25
40.53	1ST	15.96

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BACK-WAIST LENGTH

THE FREQUENCY TABLES.

RANGES*	F	CUMF	FPCT	CUMPCT
56.75- 57.25	1	790	0.13	100.00
56.25- 56.75	0	789	0.00	99.87
55.75- 56.25	0	789	0.00	99.87
55.25- 55.75	0	789	0.00	99.87
54.75- 55.25	3	789	0.38	99.87
54.25- 54.75	1	786	0.13	99.49
53.75- 54.25	6	785	0.76	99.37
53.25- 53.75	3	779	0.38	98.61
52.75- 53.25	9	776	1.14	98.23
52.25- 52.75	4	767	0.51	97.09
51.75- 52.25	20	763	2.53	96.58
51.25- 51.75	7	743	0.89	94.05
50.75- 51.25	14	736	1.77	93.16
50.25- 50.75	1	722	0.13	91.39
49.75- 50.25	167	721	21.14	91.27
49.25- 49.75	53	554	6.71	70.13
48.75- 49.25	74	501	9.37	63.42
48.25- 48.75	68	427	8.61	54.05
47.75- 48.25	91	359	11.52	45.44
47.25- 47.75	65	268	8.23	33.92
46.75- 47.25	49	203	6.20	25.70
46.25- 46.75	37	154	4.68	19.49
45.75- 46.25	61	117	7.72	14.81
45.25- 45.75	12	56	1.52	7.09
44.75- 45.25	16	44	2.03	5.57
44.25- 44.75	14	28	1.77	3.54
43.75- 44.25	4	14	0.51	1.77
43.25- 43.75	6	10	0.76	1.27
42.75- 43.25	1	4	0.13	0.51
42.25- 42.75	1	3	0.13	0.38
41.75- 42.25	1	2	0.13	0.25
41.25- 41.75	0	1	0.00	0.13
40.75- 41.25	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
48.45	MEAN VALUE	19.08
0.07	SE(MEAN)	0.03
2.02	SD DEVIATION	0.80
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.92
COEF. OF VARIATION = 4.18

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
54.16	99TH	21.32
53.03	98TH	20.88
52.43	97TH	20.64
51.73	95TH	20.37
50.85	90TH	20.02
50.36	85TH	19.83
50.00	80TH	19.68
49.70	75TH	19.57
49.44	70TH	19.47
49.20	65TH	19.37
48.98	60TH	19.28
48.76	55TH	19.19
48.53	50TH	19.11
48.30	45TH	19.02
48.06	40TH	18.92
47.81	35TH	18.82
47.53	30TH	18.71
47.22	25TH	18.59
46.86	20TH	18.45
46.44	15TH	18.28
45.88	10TH	18.06
45.06	5TH	17.74
44.55	3RD	17.54
44.19	2RD	17.40
43.69	1ST	17.20

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

SHOULDER LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
18.95- 19.15	2	790	0.25	100.00
18.75- 18.95	1	788	0.13	99.75
18.55- 18.75	0	787	0.00	99.62
18.35- 18.55	2	787	0.25	99.62
18.15- 18.35	0	785	0.00	99.37
17.95- 18.15	17	785	2.15	99.37
17.75- 17.95	1	768	0.13	97.22
17.55- 17.75	4	767	0.51	97.09
17.35- 17.55	26	763	3.29	96.58
17.15- 17.35	6	737	0.76	93.29
16.95- 17.15	83	731	10.51	92.53
16.75- 16.95	4	648	0.51	82.03
16.55- 16.75	25	644	3.16	81.52
16.35- 16.55	117	619	14.81	78.35
16.15- 16.35	9	502	1.14	63.54
15.95- 16.15	226	493	28.61	62.41
15.75- 15.95	13	267	1.65	33.80
15.55- 15.75	15	254	1.90	32.15
15.35- 15.55	74	239	9.37	30.25
15.15- 15.35	8	165	1.01	20.89
14.95- 15.15	115	157	14.56	19.87
14.75- 14.95	4	42	0.51	5.32
14.55- 14.75	7	38	0.89	4.81
14.35- 14.55	20	31	2.53	3.92
14.15- 14.35	0	11	0.00	1.39
13.95- 14.15	7	11	0.89	1.39
13.75- 13.95	0	4	0.00	0.51
13.55- 13.75	0	4	0.00	0.51
13.35- 13.55	0	4	0.00	0.51
13.15- 13.35	0	4	0.00	0.51
12.95- 13.15	3	4	0.38	0.51
12.75- 12.95	0	1	0.00	0.13
12.55- 12.75	0	1	0.00	0.13
12.35- 12.55	0	1	0.00	0.13
12.15- 12.35	0	1	0.00	0.13
11.95- 12.15	0	1	0.00	0.13
11.75- 11.95	0	1	0.00	0.13
11.55- 11.75	0	1	0.00	0.13
11.35- 11.55	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
16.04	MEAN VALUE	6.31
0.03	SE(MEAN)	0.01
0.87	SD DEVIATION	0.34
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = -0.07
KURTOSIS---VETA II = 4.21
COEF. OF VARIATION = 5.41

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
18.19	99TH	7.16
17.90	98TH	7.05
17.72	97TH	6.97
17.48	95TH	6.88
17.13	90TH	6.75
16.91	85TH	6.66
16.74	80TH	6.59
16.59	75TH	6.53
16.46	70TH	6.48
16.35	65TH	6.44
16.24	60TH	6.39
16.13	55TH	6.35
16.03	50TH	6.31
15.93	45TH	6.27
15.83	40TH	6.23
15.72	35TH	6.19
15.61	30TH	6.15
15.49	25TH	6.10
15.36	20TH	6.05
15.21	15TH	5.99
15.01	10TH	5.91
14.71	5TH	5.79
14.50	3RD	5.71
14.35	2RD	5.65
14.10	1ST	5.55

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

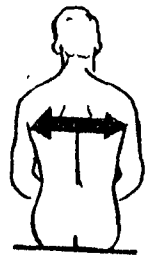
.....

INTERSCYE BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
49.75- 50.25	1	790	0.13	100.00
49.25- 49.75	0	789	0.00	99.87
48.75- 49.25	3	789	0.38	99.87
48.25- 48.75	0	786	0.00	99.49
47.75- 48.25	3	786	0.38	99.49
47.25- 47.75	0	783	0.00	99.11
46.75- 47.25	9	783	1.14	99.11
46.25- 46.75	12	774	1.52	97.97
45.75- 46.25	9	762	1.14	96.46
45.25- 45.75	6	753	0.76	95.32
44.75- 45.25	14	747	1.77	94.56
44.25- 44.75	11	733	1.39	92.78
43.75- 44.25	11	722	1.39	91.39
43.25- 43.75	18	711	2.28	90.00
42.75- 43.25	31	693	3.92	87.72
42.25- 42.75	36	662	4.56	83.80
41.75- 42.25	54	626	6.84	79.24
41.25- 41.75	38	572	4.81	72.41
40.75- 41.25	15	534	1.90	67.59
40.25- 40.75	0	519	0.00	65.70
39.75- 40.25	159	519	20.13	65.70
39.25- 39.75	21	360	2.66	45.57
38.75- 39.25	61	339	7.72	42.91
38.25- 38.75	31	278	3.92	35.19
37.75- 38.25	49	247	6.20	31.27
37.25- 37.75	42	198	5.32	25.06
36.75- 37.25	39	156	4.94	19.75
36.25- 36.75	25	117	3.16	14.81
35.75- 36.25	34	92	4.30	11.65
35.25- 35.75	12	58	1.52	7.34
34.75- 35.25	15	46	1.90	5.82
34.25- 34.75	8	31	1.01	3.92
33.75- 34.25	5	23	0.63	2.91
33.25- 33.75	4	18	0.51	2.28
32.75- 33.25	9	14	1.14	1.77
32.25- 32.75	1	5	0.13	0.63
31.75- 32.25	1	4	0.13	0.51
31.25- 31.75	1	3	0.13	0.38
30.75- 31.25	1	2	0.13	0.25
30.25- 30.75	0	1	0.00	0.13
29.75- 30.25	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
39.84	MEAN VALUE	15.68
0.11	SE(MEAN)	0.04
3.09	SD DEVIATION	1.22
0.08	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.23
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 7.76

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
47.48	99TH	18.69
46.66	98TH	18.37
46.09	97TH	18.15
45.28	95TH	17.83
43.97	90TH	17.31
43.09	85TH	16.97
42.40	80TH	16.69
41.82	75TH	16.47
41.31	70TH	16.27
40.86	65TH	16.08
40.43	60TH	15.92
40.03	55TH	15.76
39.65	50TH	15.61
39.27	45TH	15.46
38.90	40TH	15.32
38.53	35TH	15.17
38.15	30TH	15.02
37.74	25TH	14.86
37.29	20TH	14.68
36.77	15TH	14.48
36.11	10TH	14.22
35.08	5TH	13.81
34.34	3RD	13.52
33.74	2RD	13.28
32.68	1ST	12.87

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

INTERSCYE MAXIMUM

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
72.25- 73.25	2	790	0.25	100.00
71.25- 72.25	0	788	0.00	99.75
70.25- 71.25	0	788	0.00	99.75
69.25- 70.25	9	788	1.14	99.75
68.25- 69.25	5	779	0.63	98.61
67.25- 68.25	12	774	1.52	97.97
66.25- 67.25	20	762	2.53	96.46
65.25- 66.25	25	742	3.16	93.92
64.25- 65.25	29	717	3.67	90.76
63.25- 64.25	23	688	2.91	87.09
62.25- 63.25	51	665	6.46	84.18
61.25- 62.25	54	614	6.84	77.72
60.25- 61.25	27	560	3.42	70.89
59.25- 60.25	169	533	21.39	67.47
58.25- 59.25	80	364	10.13	46.08
57.25- 58.25	85	284	10.76	35.95
56.25- 57.25	66	199	8.35	25.19
55.25- 56.25	62	133	7.85	16.84
54.25- 55.25	32	71	4.05	8.99
53.25- 54.25	16	39	2.03	4.94
52.25- 53.25	8	23	1.01	2.91
51.25- 52.25	2	15	0.25	1.90
50.25- 51.25	2	13	0.25	1.65
49.25- 50.25	7	11	0.89	1.39
48.25- 49.25	0	4	0.00	0.51
47.25- 48.25	1	4	0.13	0.51
46.25- 47.25	0	3	0.00	0.38
45.25- 46.25	0	3	0.00	0.38
44.25- 45.25	0	3	0.00	0.38
43.25- 44.25	0	3	0.00	0.38
42.25- 43.25	0	3	0.00	0.38
41.25- 42.25	1	3	0.13	0.38
40.25- 41.25	0	2	0.00	0.25
39.25- 40.25	1	2	0.13	0.25
38.25- 39.25	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
59.70	MEAN VALUE	23.51
0.14	SE(MEAN)	0.05
3.91	SD DEVIATION	1.54
0.10	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = -0.06
KURTOSIS---VETA II = 5.33
COEF. OF VARIATION = 6.54

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
69.48	99TH	27.35
68.48	98TH	26.96
67.72	97TH	26.66
66.59	95TH	26.22
64.76	90TH	25.49
63.53	85TH	25.01
62.59	80TH	24.64
61.82	75TH	24.34
61.17	70TH	24.08
60.60	65TH	23.86
60.10	60TH	23.66
59.63	55TH	23.48
59.20	50TH	23.31
58.80	45TH	23.15
58.41	40TH	23.00
58.03	35TH	22.85
57.65	30TH	22.70
57.25	25TH	22.54
56.81	20TH	22.37
56.29	15TH	22.16
55.57	10TH	21.88
54.25	5TH	21.36
53.11	3RD	20.91
52.08	2RD	20.50
50.03	1ST	19.70

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

SLEEVE INSEAM

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
53.75- 54.25	1	790	0.13	100.00
53.25- 53.75	1	789	0.13	99.87
52.75- 53.25	1	788	0.13	99.75
52.25- 52.75	3	787	0.38	99.62
51.75- 52.25	5	784	0.63	99.24
51.25- 51.75	6	779	0.76	98.61
50.75- 51.25	6	773	0.76	97.85
50.25- 50.75	1	767	0.13	97.09
49.75- 50.25	74	766	9.37	96.96
49.25- 49.75	14	692	1.77	87.59
48.75- 49.25	54	678	6.84	85.82
48.25- 48.75	44	624	5.57	78.99
47.75- 48.25	89	580	11.27	73.42
47.25- 47.75	70	491	8.86	62.15
46.75- 47.25	57	421	7.22	53.29
46.25- 46.75	69	364	8.73	46.08
45.75- 46.25	91	295	11.52	37.34
45.25- 45.75	50	204	6.33	25.82
44.75- 45.25	43	154	5.44	19.49
44.25- 44.75	34	111	4.30	14.05
43.75- 44.25	33	77	4.18	9.75
43.25- 43.75	17	44	2.15	5.57
42.75- 43.25	14	27	1.77	3.42
42.25- 42.75	4	13	0.51	1.65
41.75- 42.25	2	9	0.25	1.14
41.25- 41.75	3	7	0.38	0.89
40.75- 41.25	1	4	0.13	0.51
40.25- 40.75	1	3	0.13	0.38
39.75- 40.25	2	2	0.25	0.25

*IN CENTIMETERS

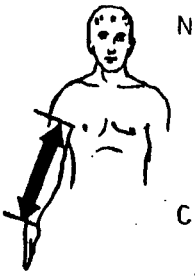
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
47.00	MEAN VALUE	18.50
0.07	SE(MEAN)	0.03
2.10	SD DEVIATION	0.83
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = -0.05
KURTOSIS---VETA II = 3.11
COEF. OF VARIATION = 4.47

****



NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
51.89	99TH	20.43
51.24	98TH	20.17
50.85	97TH	20.02
50.34	95TH	19.82
49.59	90TH	19.53
49.11	85TH	19.33
48.72	80TH	19.18
48.39	75TH	19.05
48.09	70TH	18.93
47.82	65TH	18.83
47.56	60TH	18.72
47.30	55TH	18.62
47.05	50TH	18.52
46.79	45TH	18.42
46.53	40TH	18.32
46.25	35TH	18.21
45.96	30TH	18.09
45.64	25TH	17.97
45.28	20TH	17.83
44.87	15TH	17.66
44.33	10TH	17.45
43.55	5TH	17.15
43.05	3RD	16.95
42.69	2RD	16.81
42.14	1ST	16.59

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SLEEVE LENGTH (SPINE TO WRIST)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
92.25- 93.25	3	790	0.38	100.00
91.25- 92.25	4	787	0.51	99.62
90.25- 91.25	3	783	0.38	99.11
89.25- 90.25	21	780	2.66	98.73
88.25- 89.25	20	759	2.53	96.08
87.25- 88.25	32	739	4.05	93.54
86.25- 87.25	55	707	6.96	89.49
85.25- 86.25	78	652	9.87	82.53
84.25- 85.25	88	574	11.14	72.66
83.25- 84.25	88	486	11.14	61.52
82.25- 83.25	79	398	10.00	50.38
81.25- 82.25	87	319	11.01	40.38
80.25- 81.25	32	232	4.05	29.37
79.25- 80.25	108	200	13.67	25.32
78.25- 79.25	36	92	4.56	11.65
77.25- 78.25	32	56	4.05	7.09
76.25- 77.25	7	24	0.89	3.04
75.25- 76.25	12	17	1.52	2.15
74.25- 75.25	1	5	0.13	0.63
73.25- 74.25	2	4	0.25	0.51
72.25- 73.25	1	2	0.13	0.25
71.25- 72.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
83.12	MEAN VALUE	32.73
0.12	SE(MEAN)	0.05
3.37	SD DEVIATION	1.33
0.08	SE(SD DEV)	0.03

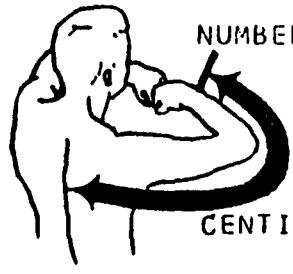
****

SYMMETRY---VETA I = -0.01
KURTOSIS---VETA II = 2.95
COEF. OF VARIATION = 4.05

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
90.89	99TH	35.78
90.07	98TH	35.46
89.53	97TH	35.25
88.77	95TH	34.95
87.56	90TH	34.47
86.72	85TH	34.14
86.05	80TH	33.88
85.46	75TH	33.65
84.93	70TH	33.44
84.45	65TH	33.25
83.98	60TH	33.06
83.53	55TH	32.89
83.09	50TH	32.71
82.65	45TH	32.54
82.20	40TH	32.36
81.74	35TH	32.18
81.26	30TH	31.99
80.75	25TH	31.79
80.18	20TH	31.56
79.53	15TH	31.31
78.72	10TH	30.99
77.57	5TH	30.54
76.86	3RD	30.26
76.35	2RD	30.06
75.59	1ST	29.76

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
61.35- 61.65	2	790	0.25	100.00
61.05- 61.35	0	788	0.00	99.75
60.75- 61.05	1	788	0.13	99.75
60.45- 60.75	4	787	0.51	99.62
60.15- 60.45	0	783	0.00	99.11
59.85- 60.15	4	783	0.51	99.11
59.55- 59.85	1	779	0.13	98.61
59.25- 59.55	10	778	1.27	98.48
58.95- 59.25	19	768	2.41	97.22
58.65- 58.95	1	749	0.13	94.81
58.35- 58.65	31	748	3.92	94.68
58.05- 58.35	2	717	0.25	90.76
57.75- 58.05	55	715	6.96	90.51
57.45- 57.75	69	660	8.73	83.54
57.15- 57.45	2	591	0.25	74.81
56.85- 57.15	94	589	11.90	74.56
56.55- 56.85	6	495	0.76	62.66
56.25- 56.55	82	489	10.38	61.90
55.95- 56.25	98	407	12.41	51.52
55.65- 55.95	3	309	0.38	39.11
55.35- 55.65	100	306	12.66	38.73
55.05- 55.35	4	206	0.51	26.08
54.75- 55.05	89	202	11.27	25.57
54.45- 54.75	45	113	5.70	14.30
54.15- 54.45	1	68	0.13	8.61
53.85- 54.15	28	67	3.54	8.48
53.55- 53.85	1	39	0.13	4.94
53.25- 53.55	23	38	2.91	4.81
52.95- 53.25	10	15	1.27	1.90
52.65- 52.95	0	5	0.00	0.63
52.35- 52.65	1	5	0.13	0.63
52.05- 52.35	0	4	0.00	0.51
51.75- 52.05	1	4	0.13	0.51
51.45- 51.75	3	3	0.38	0.38

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
56.26	MEAN VALUE	22.15
0.05	SE(MEAN)	0.02
1.53	SD DEVIATION	0.60
0.04	SE(SD DEV)	0.02

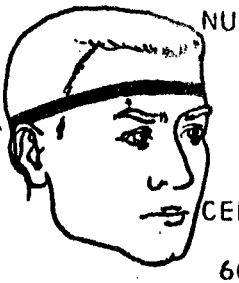
****

SYMMETRY---VETA I = 0.14
KURTOSIS---VETA II = 3.21
COEF. OF VARIATION = 2.73

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
60.04	99TH	23.64
59.53	98TH	23.44
59.23	97TH	23.32
58.83	95TH	23.16
58.23	90TH	22.93
57.84	85TH	22.77
57.54	80TH	22.65
57.28	75TH	22.55
57.04	70TH	22.46
56.83	65TH	22.37
56.63	60TH	22.29
56.43	55TH	22.22
56.24	50TH	22.14
56.05	45TH	22.06
55.85	40TH	21.99
55.65	35TH	21.91
55.44	30TH	21.83
55.21	25TH	21.74
54.96	20TH	21.64
54.68	15TH	21.53
54.32	10TH	21.39
53.82	5TH	21.19
53.51	3RD	21.07
53.30	2RD	20.98
52.99	1ST	20.86

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

NECK CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
44.25- 44.75	1	790	0.13	100.00
43.75- 44.25	2	789	0.25	99.87
43.25- 43.75	3	787	0.38	99.62
42.75- 43.25	3	784	0.38	99.24
42.25- 42.75	3	781	0.38	98.86
41.75- 42.25	11	778	1.39	98.48
41.25- 41.75	11	767	1.39	97.09
40.75- 41.25	25	756	3.16	95.70
40.25- 40.75	17	731	2.15	92.53
39.75- 40.25	39	714	4.94	90.38
39.25- 39.75	37	675	4.68	85.44
38.75- 39.25	57	638	7.22	80.76
38.25- 38.75	42	581	5.32	73.54
37.75- 38.25	70	539	8.86	68.23
37.25- 37.75	75	469	9.49	59.37
36.75- 37.25	84	394	10.63	49.87
36.25- 36.75	70	310	8.86	39.24
35.75- 36.25	90	240	11.39	30.38
35.25- 35.75	49	150	6.20	18.99
34.75- 35.25	50	101	6.33	12.78
34.25- 34.75	25	51	3.16	6.46
33.75- 34.25	13	26	1.65	3.29
33.25- 33.75	6	13	0.76	1.65
32.75- 33.25	5	7	0.63	0.89
32.25- 32.75	2	2	0.25	0.25



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
37.48	MEAN VALUE	14.76
0.07	SE(MEAN)	0.03
2.04	SD DEVIATION	0.80
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.46
KURTOSIS---VETA II = 3.06
COEF. OF VARIATION = 5.43

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
42.84	99TH	16.86
42.19	98TH	16.61
41.76	97TH	16.44
41.16	95TH	16.21
40.24	90TH	15.84
39.63	85TH	15.60
39.15	80TH	15.41
38.75	75TH	15.26
38.41	70TH	15.12
38.09	65TH	15.00
37.81	60TH	14.88
37.54	55TH	14.78
37.28	50TH	14.68
37.03	45TH	14.58
36.78	40TH	14.48
36.54	35TH	14.39
36.29	30TH	14.29
36.03	25TH	14.18
35.75	20TH	14.07
35.43	15TH	13.95
35.05	10TH	13.80
34.49	5TH	13.58
34.12	3RD	13.43
33.84	2RD	13.32
33.37	1ST	13.14

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
146.75-148.25	1	790	0.13	100.00
145.25-146.75	0	789	0.00	99.87
143.75-145.25	0	789	0.00	99.87
142.25-143.75	0	789	0.00	99.87
140.75-142.25	0	789	0.00	99.87
139.25-140.75	2	789	0.25	99.87
137.75-139.25	0	787	0.00	99.62
136.25-137.75	0	787	0.00	99.62
134.75-136.25	1	787	0.13	99.62
133.25-134.75	3	786	0.38	99.49
131.75-133.25	4	783	0.51	99.11
130.25-131.75	9	779	1.14	98.61
128.75-130.25	8	770	1.01	97.47
127.25-128.75	12	762	1.52	96.46
125.75-127.25	16	750	2.03	94.94
124.25-125.75	12	734	1.52	92.91
122.75-124.25	13	722	1.65	91.39
121.25-122.75	26	709	3.29	89.75
119.75-121.25	42	683	5.32	86.46
118.25-119.75	31	641	3.92	81.14
116.75-118.25	30	610	3.80	77.22
115.25-116.75	30	580	3.80	73.42
113.75-115.25	33	550	4.18	69.62
112.25-113.75	51	517	6.46	65.44
110.75-112.25	69	466	8.73	58.99
109.25-110.75	60	397	7.59	50.25
107.75-109.25	65	337	8.23	42.66
106.25-107.75	79	272	10.00	34.43
104.75-106.25	58	193	7.34	24.43
103.25-104.75	46	135	5.82	17.09
101.75-103.25	37	89	4.68	11.27
100.25-101.75	16	52	2.03	6.58
98.75-100.25	26	36	3.29	4.56
97.25- 98.75	3	10	0.38	1.27
95.75- 97.25	3	7	0.38	0.89
94.25- 95.75	1	4	0.13	0.51
92.75- 94.25	3	3	0.38	0.38

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
112.03	MEAN VALUE	44.11
0.29	SE(MEAN)	0.11
8.05	SD DEVIATION	3.17
0.20	SE(SD DEV)	0.08

****

SYMMETRY---VETA I = 0.68
KURTOSIS---VETA II = 3.36
COEF. OF VARIATION = 7.18

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
133.01	99TH	52.36
130.97	98TH	51.56
129.44	97TH	50.96
127.16	95TH	50.06
123.37	90TH	48.57
120.75	85TH	47.54
118.71	80TH	46.74
116.99	75TH	46.06
115.50	70TH	45.47
114.17	65TH	44.95
112.95	60TH	44.47
111.83	55TH	44.03
110.77	50TH	43.61
109.76	45TH	43.21
108.79	40TH	42.83
107.85	35TH	42.46
106.92	30TH	42.09
105.98	25TH	41.72
105.00	20TH	41.34
103.96	15TH	40.93
102.75	10TH	40.45
101.06	5TH	39.79
99.93	3RD	39.34
99.04	2RD	38.99
97.43	1ST	38.36

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CHEST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
123.75-125.25	1	790	0.13	100.00
122.25-123.75	0	789	0.00	99.87
120.75-122.25	1	789	0.13	99.87
119.25-120.75	0	788	0.00	99.75
117.75-119.25	0	788	0.00	99.75
116.25-117.75	0	788	0.00	99.75
114.75-116.25	0	788	0.00	99.75
113.25-114.75	1	788	0.13	99.75
111.75-113.25	4	787	0.51	99.62
110.25-111.75	3	783	0.38	99.11
108.75-110.25	8	780	1.01	98.73
107.25-108.75	6	772	0.76	97.72
105.75-107.25	15	766	1.90	96.96
104.25-105.75	10	751	1.27	95.06
102.75-104.25	21	741	2.66	93.80
101.25-102.75	19	720	2.41	91.14
99.75-101.25	37	701	4.68	88.73
98.25- 99.75	20	664	2.53	84.05
96.75- 98.25	38	644	4.81	81.52
95.25- 96.75	39	606	4.94	76.71
93.75- 95.25	62	567	7.85	71.77
92.25- 93.75	53	505	6.71	63.92
90.75- 92.25	93	452	11.77	57.22
89.25- 90.75	60	359	7.59	45.44
87.75- 89.25	93	299	11.77	37.85
86.25- 87.75	59	206	7.47	26.08
84.75- 86.25	57	147	7.22	18.61
83.25- 84.75	33	90	4.18	11.39
81.75- 83.25	27	57	3.42	7.22
80.25- 81.75	19	30	2.41	3.80
78.75- 80.25	9	11	1.14	1.39
77.25- 78.75	1	2	0.13	0.25
75.75- 77.25	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
92.28	MEAN VALUE	36.33
0.25	SE(MEAN)	0.10
6.96	SD DEVIATION	2.74
0.18	SE(SD DEV)	0.07

****

SYMMETRY---VETA I = 0.74
KURTOSIS---VETA II = 3.71
COEF. OF VARIATION = 7.55

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
111.44	99TH	43.87
109.08	98TH	42.94
107.50	97TH	42.32
105.30	95TH	41.46
101.90	90TH	40.12
99.65	85TH	39.23
97.93	80TH	38.55
96.49	75TH	37.99
95.25	70TH	37.50
94.14	65TH	37.06
93.13	60TH	36.67
92.20	55TH	36.30
91.31	50TH	35.95
90.46	45TH	35.62
89.64	40TH	35.29
88.84	35TH	34.97
88.03	30TH	34.66
87.20	25TH	34.33
86.32	20TH	33.98
85.37	15TH	33.61
84.23	10TH	33.16
82.63	5TH	32.53
81.58	3RD	32.12
80.77	2RD	31.80
79.38	1ST	31.25

*IN CENTIMETERS

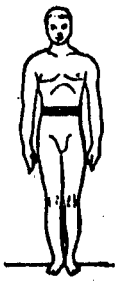
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

WAIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
112.25-113.75	1	790	0.13	100.00
110.75-112.25	0	789	0.00	99.87
109.25-110.75	0	789	0.00	99.87
107.75-109.25	1	789	0.13	99.87
106.25-107.75	3	788	0.38	99.75
104.75-106.25	3	785	0.38	99.37
103.25-104.75	3	782	0.38	98.99
101.75-103.25	6	779	0.76	98.61
100.25-101.75	2	773	0.25	97.85
98.75-100.25	8	771	1.01	97.59
97.25- 98.75	9	763	1.14	96.58
95.75- 97.25	13	754	1.65	95.44
94.25- 95.75	20	741	2.53	93.80
92.75- 94.25	14	721	1.77	91.27
91.25- 92.75	13	707	1.65	89.49
89.75- 91.25	20	694	2.53	87.85
88.25- 89.75	19	674	2.41	85.32
86.75- 88.25	25	655	3.16	82.91
85.25- 86.75	23	630	2.91	79.75
83.75- 85.25	39	607	4.94	76.84
82.25- 83.75	24	568	3.04	71.90
80.75- 82.25	35	544	4.43	68.86
79.25- 80.75	40	509	5.06	64.43
77.75- 79.25	44	469	5.57	59.37
76.25- 77.75	56	425	7.09	53.80
74.75- 76.25	51	369	6.46	46.71
73.25- 74.75	65	318	8.23	40.25
71.75- 73.25	65	253	8.23	32.03
70.25- 71.75	58	188	7.34	23.80
68.75- 70.25	57	130	7.22	16.46
67.25- 68.75	30	73	3.80	9.24
65.75- 67.25	24	43	3.04	5.44
64.25- 65.75	11	19	1.39	2.41
62.75- 64.25	5	8	0.63	1.01
61.25- 62.75	1	3	0.13	0.38
59.75- 61.25	1	2	0.13	0.25
58.25- 59.75	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
78.98	MEAN VALUE	31.09
0.33	SE(MEAN)	0.13
9.31	SD DEVIATION	3.67
0.23	SE(SD DEV)	0.09

****

SYMMETRY---VETA I = 0.80
KURTOSIS---VETA II = 3.16
COEF. OF VARIATION = 11.79

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
104.53	99TH	41.15
101.99	98TH	40.15
100.07	97TH	39.40
97.20	95TH	38.27
92.46	90TH	36.40
89.21	85TH	35.12
86.69	80TH	34.13
84.57	75TH	33.30
82.75	70TH	32.58
81.15	65TH	31.95
79.70	60TH	31.38
78.37	55TH	30.85
77.13	50TH	30.37
75.96	45TH	29.91
74.87	40TH	29.47
73.82	35TH	29.06
72.80	30TH	28.66
71.80	25TH	28.27
70.80	20TH	27.87
69.77	15TH	27.47
68.65	10TH	27.03
67.18	5TH	26.45
66.24	3RD	26.08
65.47	2RD	25.78
64.05	1ST	25.21

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HIP CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
124.25-125.25	1	790	0.13	100.00
123.25-124.25	0	789	0.00	99.87
122.25-123.25	0	789	0.00	99.87
121.25-122.25	0	789	0.00	99.87
120.25-121.25	0	789	0.00	99.87
119.25-120.25	0	789	0.00	99.87
118.25-119.25	0	789	0.00	99.87
117.25-118.25	0	789	0.00	99.87
116.25-117.25	0	789	0.00	99.87
115.25-116.25	0	789	0.00	99.87
114.25-115.25	0	789	0.00	99.87
113.25-114.25	2	789	0.25	99.87
112.25-113.25	1	787	0.13	99.62
111.25-112.25	1	786	0.13	99.49
110.25-111.25	1	785	0.13	99.37
109.25-110.25	2	784	0.25	99.24
108.25-109.25	1	782	0.13	98.99
107.25-108.25	3	781	0.38	98.86
106.25-107.25	8	778	1.01	98.48
105.25-106.25	9	770	1.14	97.47
104.25-105.25	5	761	0.63	96.33
103.25-104.25	16	756	2.03	95.70
102.25-103.25	12	740	1.52	93.67
101.25-102.25	21	728	2.66	92.15
100.25-101.25	4	707	0.51	89.49
99.25-100.25	33	703	4.18	88.99
98.25- 99.25	26	670	3.29	84.81
97.25- 98.25	27	644	3.42	81.52
96.25- 97.25	28	617	3.54	78.10
95.25- 96.25	31	589	3.92	74.56
94.25- 95.25	38	558	4.81	70.63
93.25- 94.25	48	520	6.08	65.82
92.25- 93.25	47	472	5.95	59.75
91.25- 92.25	58	425	7.34	53.80
90.25- 91.25	70	367	8.86	46.46
89.25- 90.25	62	297	7.85	37.59
88.25- 89.25	42	235	5.32	29.75
87.25- 88.25	54	193	6.84	24.43
86.25- 87.25	32	139	4.05	17.59
85.25- 86.25	42	107	5.32	13.54
84.25- 85.25	23	65	2.91	8.23
83.25- 84.25	17	42	2.15	5.32
82.25- 83.25	13	25	1.65	3.16
81.25- 82.25	6	12	0.76	1.52
80.25- 81.25	4	6	0.51	0.76
79.25- 80.25	1	2	0.13	0.25
78.25- 79.25	0	1	0.00	0.13
77.25- 78.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
92.80	MEAN VALUE	36.53
0.22	SE(MEAN)	0.09
6.10	SD DEVIATION	2.40
0.15	SE(SD DEV)	0.06

****

SYMMETRY---VETA I = 0.74
KURTOSIS---VETA II = 3.91
COEF. OF VARIATION = 6.58

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
109.13	99TH	42.97
107.15	98TH	42.18
105.81	97TH	41.66
103.95	95TH	40.93
101.05	90TH	39.78
99.12	85TH	39.02
97.64	80TH	38.44
96.40	75TH	37.95
95.32	70TH	37.53
94.36	65TH	37.15
93.48	60TH	36.80
92.67	55TH	36.48
91.89	50TH	36.18
91.14	45TH	35.88
90.42	40TH	35.60
89.71	35TH	35.32
88.99	30TH	35.04
88.26	25TH	34.75
87.48	20TH	34.44
86.63	15TH	34.11
85.62	10TH	33.71
84.21	5TH	33.15
83.29	3RD	32.79
82.60	2RD	32.52
81.43	1ST	32.06

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

VERTICAL TRUNCK CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
194.25-195.75	1	790	0.13	100.00
192.75-194.25	0	789	0.00	99.87
191.25-192.75	0	789	0.00	99.87
189.75-191.25	0	789	0.00	99.87
188.25-189.75	0	789	0.00	99.87
186.75-188.25	1	789	0.13	99.87
185.25-186.75	0	788	0.00	99.75
183.75-185.25	3	788	0.38	99.75
182.25-183.75	0	785	0.00	99.37
180.75-182.25	3	785	0.38	99.37
179.25-180.75	6	782	0.76	98.99
177.75-179.25	3	776	0.38	98.23
176.25-177.75	5	773	0.63	97.85
174.75-176.25	3	768	0.38	97.22
173.25-174.75	7	765	0.89	96.84
171.75-173.25	11	758	1.39	95.95
170.25-171.75	8	747	1.01	94.56
168.75-170.25	15	739	1.90	93.54
167.25-168.75	28	724	3.54	91.65
165.75-167.25	23	696	2.91	88.10
164.25-165.75	27	673	3.42	85.19
162.75-164.25	27	646	3.42	81.77
161.25-162.75	42	619	5.32	78.35
159.75-161.25	62	577	7.85	73.04
158.25-159.75	46	515	5.82	65.19
156.75-158.25	48	469	6.08	59.37
155.25-156.75	50	421	6.33	53.29
153.75-155.25	70	371	8.86	46.96
152.25-153.75	57	301	7.22	38.10
150.75-152.25	60	244	7.59	30.89
149.25-150.75	40	184	5.06	23.29
147.75-149.25	42	144	5.32	18.23
146.25-147.75	36	102	4.56	12.91
144.75-146.25	27	66	3.42	8.35
143.25-144.75	8	39	1.01	4.94
141.75-143.25	13	31	1.65	3.92
140.25-141.75	8	18	1.01	2.28
138.75-140.25	7	10	0.89	1.27
137.25-138.75	3	3	0.38	0.38

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
156.94	MEAN VALUE	61.79
0.30	SE(MEAN)	0.12
8.53	SD DEVIATION	3.36
0.21	SE(SD DEV)	0.08

****

SYMMETRY---VETA I = 0.61
KURTOSIS---VETA II = 3.69
COEF. OF VARIATION = 5.43

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
181.23	99TH	71.35
177.58	98TH	69.91
175.35	97TH	69.04
172.45	95TH	67.89
168.27	90TH	66.25
165.63	85TH	65.21
163.66	80TH	64.43
162.02	75TH	63.79
160.62	70TH	63.23
159.36	65TH	62.74
158.21	60TH	62.29
157.13	55TH	61.86
156.09	50TH	61.45
155.08	45TH	61.05
154.08	40TH	60.66
153.08	35TH	60.27
152.06	30TH	59.87
150.97	25TH	59.44
149.79	20TH	58.97
148.45	15TH	58.45
146.79	10TH	57.79
144.36	5TH	56.83
142.76	3RD	56.20
141.56	2RD	55.73
139.60	1ST	54.96

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ARMSCYE CIRCUMFERENCE

THE FREQUENCY TABLES.

RANGES*	F	CUMF	FPCT	CUMPCT
58.25- 59.25	1	790	0.13	100.00
57.25- 58.25	1	789	0.13	99.87
56.25- 57.25	1	788	0.13	99.75
55.25- 56.25	2	787	0.25	99.62
54.25- 55.25	3	785	0.38	99.37
53.25- 54.25	8	782	1.01	98.99
52.25- 53.25	10	774	1.27	97.97
51.25- 52.25	9	764	1.14	96.71
50.25- 51.25	16	755	2.03	95.57
49.25- 50.25	22	739	2.78	93.54
48.25- 49.25	31	717	3.92	90.76
47.25- 48.25	40	686	5.06	86.84
46.25- 47.25	49	646	6.20	81.77
45.25- 46.25	40	597	5.06	75.57
44.25- 45.25	56	557	7.09	70.51
43.25- 44.25	90	501	11.39	63.42
42.25- 43.25	78	411	9.87	52.03
41.25- 42.25	86	333	10.89	42.15
40.25- 41.25	70	247	8.86	31.27
39.25- 40.25	80	177	10.13	22.41
38.25- 39.25	37	97	4.68	12.28
37.25- 38.25	30	60	3.80	7.59
36.25- 37.25	16	30	2.03	3.80
35.25- 36.25	8	14	1.01	1.77
34.25- 35.25	4	6	0.51	0.76
33.25- 34.25	1	2	0.13	0.25
32.25- 33.25	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
43.70	MEAN VALUE	17.20
0.15	SE(MEAN)	0.06
4.09	SD DEVIATION	1.61
0.10	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = 0.56
KURTOSIS---VETA II = 3.28
COEF. OF VARIATION = 9.36

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
54.41	99TH	21.42
53.16	98TH	20.93
52.30	97TH	20.59
51.08	95TH	20.11
49.15	90TH	19.35
47.86	85TH	18.84
46.86	80TH	18.45
46.03	75TH	18.12
45.30	70TH	17.84
44.66	65TH	17.58
44.07	60TH	17.35
43.52	55TH	17.13
43.00	50TH	16.93
42.50	45TH	16.73
42.01	40TH	16.54
41.53	35TH	16.35
41.05	30TH	16.16
40.55	25TH	15.96
40.02	20TH	15.76
39.43	15TH	15.52
38.72	10TH	15.24
37.67	5TH	14.83
36.96	3RD	14.55
36.39	2RD	14.33
35.39	1ST	13.93

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

UPPER ARM CIRCUMFERENCE, RELAXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
35.75- 36.25	2	790	0.25	100.00
35.25- 35.75	0	788	0.00	99.75
34.75- 35.25	3	788	0.38	99.75
34.25- 34.75	2	785	0.25	99.37
33.75- 34.25	3	783	0.38	99.11
33.25- 33.75	3	780	0.38	98.73
32.75- 33.25	19	777	2.41	98.35
32.25- 32.75	12	758	1.52	95.95
31.75- 32.25	25	746	3.16	94.43
31.25- 31.75	5	721	0.63	91.27
30.75- 31.25	25	716	3.16	90.63
30.25- 30.75	17	691	2.15	87.47
29.75- 30.25	53	674	6.71	85.32
29.25- 29.75	13	621	1.65	78.61
28.75- 29.25	66	608	8.35	76.96
28.25- 28.75	18	542	2.28	68.61
27.75- 28.25	66	524	8.35	66.33
27.25- 27.75	17	458	2.15	57.97
26.75- 27.25	83	441	10.51	55.82
26.25- 26.75	29	358	3.67	45.32
25.75- 26.25	99	329	12.53	41.65
25.25- 25.75	34	230	4.30	29.11
24.75- 25.25	82	196	10.38	24.81
24.25- 24.75	31	114	3.92	14.43
23.75- 24.25	40	83	5.06	10.51
23.25- 23.75	9	43	1.14	5.44
22.75- 23.25	19	34	2.41	4.30
22.25- 22.75	7	15	0.89	1.90
21.75- 22.25	7	8	0.89	1.01
21.25- 21.75	0	1	0.00	0.13
20.75- 21.25	0	1	0.00	0.13
20.25- 20.75	0	1	0.00	0.13
19.75- 20.25	0	1	0.00	0.13
19.25- 19.75	0	1	0.00	0.13
18.75- 19.25	1	1	0.13	0.13

*IN CENTIMETERS

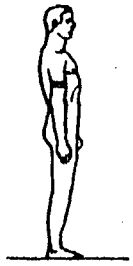
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
27.39	MEAN VALUE	10.78
0.10	SE(MEAN)	0.04
2.71	SD DEVIATION	1.07
0.07	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.46
KURTOSIS---VETA II = 2.81
COEF. OF VARIATION = 9.90

****



NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
33.96	99TH	13.37
33.42	98TH	13.16
32.99	97TH	12.99
32.32	95TH	12.73
31.16	90TH	12.27
30.34	85TH	11.95
29.69	80TH	11.69
29.13	75TH	11.47
28.63	70TH	11.27
28.19	65TH	11.10
27.79	60TH	10.94
27.40	55TH	10.79
27.04	50TH	10.65
26.69	45TH	10.51
26.36	40TH	10.38
26.02	35TH	10.25
25.69	30TH	10.12
25.35	25TH	9.98
25.00	20TH	9.84
24.61	15TH	9.69
24.16	10TH	9.51
23.52	5TH	9.26
23.10	3RD	9.10
22.78	2RD	8.97
22.21	1ST	8.74

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

BICEPS CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
40.75- 41.25	1	790	0.13	100.00
40.25- 40.75	0	789	0.00	99.87
39.75- 40.25	0	789	0.00	99.87
39.25- 39.75	1	789	0.13	99.87
38.75- 39.25	2	788	0.25	99.75
38.25- 38.75	1	786	0.13	99.49
37.75- 38.25	3	785	0.38	99.37
37.25- 37.75	3	782	0.38	98.99
36.75- 37.25	7	779	0.89	98.61
36.25- 36.75	2	772	0.25	97.72
35.75- 36.25	20	770	2.53	97.47
35.25- 35.75	9	750	1.14	94.94
34.75- 35.25	18	741	2.28	93.80
34.25- 34.75	6	723	0.76	91.52
33.75- 34.25	33	717	4.18	90.76
33.25- 33.75	8	684	1.01	86.58
32.75- 33.25	32	676	4.05	85.57
32.25- 32.75	12	644	1.52	81.52
31.75- 32.25	51	632	6.46	80.00
31.25- 31.75	17	581	2.15	73.54
30.75- 31.25	75	564	9.49	71.39
30.25- 30.75	19	489	2.41	61.90
29.75- 30.25	85	470	10.76	59.49
29.25- 29.75	19	385	2.41	48.73
28.75- 29.25	83	366	10.51	46.33
28.25- 28.75	27	283	3.42	35.82
27.75- 28.25	96	256	12.15	32.41
27.25- 27.75	22	160	2.78	20.25
26.75- 27.25	69	138	8.73	17.47
26.25- 26.75	8	69	1.01	8.73
25.75- 26.25	31	61	3.92	7.72
25.25- 25.75	11	30	1.39	3.80
24.75- 25.25	11	19	1.39	2.41
24.25- 24.75	4	8	0.51	1.01
23.75- 24.25	1	4	0.13	0.51
23.25- 23.75	2	3	0.25	0.38
22.75- 23.25	0	1	0.00	0.13
22.25- 22.75	0	1	0.00	0.13
21.75- 22.25	0	1	0.00	0.13
21.25- 21.75	0	1	0.00	0.13
20.75- 21.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
30.07	MEAN VALUE	11.84
0.10	SE(MEAN)	0.04
2.94	SD DEVIATION	1.16
0.07	SE(SD DEV)	0.03

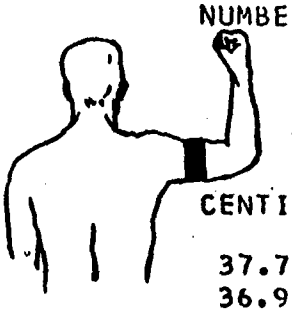
****

SYMMETRY---VETA I = 0.58
KURTOSIS---VETA II = 3.17
COEF. OF VARIATION = 9.77

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
37.77	99TH	14.87
36.92	98TH	14.54
36.33	97TH	14.30
35.47	95TH	13.96
34.10	90TH	13.42
33.17	85TH	13.06
32.45	80TH	12.77
31.84	75TH	12.54
31.32	70TH	12.33
30.85	65TH	12.15
30.42	60TH	11.98
30.03	55TH	11.82
29.65	50TH	11.67
29.29	45TH	11.53
28.94	40TH	11.39
28.60	35TH	11.26
28.26	30TH	11.13
27.91	25TH	10.99
27.54	20TH	10.84
27.14	15TH	10.69
26.67	10TH	10.50
26.00	5TH	10.24
25.56	3RD	10.06
25.21	2RD	9.93
24.61	1ST	9.69

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOREARM CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
33.75- 34.05	2	790	0.25	100.00
33.45- 33.75	2	788	0.25	99.75
33.15- 33.45	0	786	0.00	99.49
32.85- 33.15	7	786	0.89	99.49
32.55- 32.85	0	779	0.00	98.61
32.25- 32.55	0	779	0.00	98.61
31.95- 32.25	14	779	1.77	98.61
31.65- 31.95	1	765	0.13	96.84
31.35- 31.65	4	764	0.51	96.71
31.05- 31.35	2	760	0.25	96.20
30.75- 31.05	24	758	3.04	95.95
30.45- 30.75	8	734	1.01	92.91
30.15- 30.45	3	726	0.38	91.90
29.85- 30.15	39	723	4.94	91.52
29.55- 29.85	7	684	0.89	86.58
29.25- 29.55	13	677	1.65	85.70
28.95- 29.25	60	664	7.59	84.05
28.65- 28.95	5	604	0.63	76.46
28.35- 28.65	21	599	2.66	75.82
28.05- 28.35	5	578	0.63	73.16
27.75- 28.05	79	573	10.00	72.53
27.45- 27.75	37	494	4.68	62.53
27.15- 27.45	10	457	1.27	57.85
26.85- 27.15	91	447	11.52	56.58
26.55- 26.85	8	356	1.01	45.06
26.25- 26.55	26	348	3.29	44.05
25.95- 26.25	102	322	12.91	40.76
25.65- 25.95	4	220	0.51	27.85
25.35- 25.65	35	216	4.43	27.34
25.05- 25.35	10	181	1.27	22.91
24.75- 25.05	75	171	9.49	21.65
24.45- 24.75	28	96	3.54	12.15
24.15- 24.45	1	68	0.13	8.61
23.85- 24.15	33	67	4.18	8.48
23.55- 23.85	3	34	0.38	4.30
23.25- 23.55	9	31	1.14	3.92
22.95- 23.25	15	22	1.90	2.78
22.65- 22.95	0	7	0.00	0.89
22.35- 22.65	1	7	0.13	0.89
22.05- 22.35	0	6	0.00	0.76
21.75- 22.05	4	6	0.51	0.76
21.45- 21.75	1	2	0.13	0.25
21.15- 21.45	0	1	0.00	0.13
20.85- 21.15	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
27.11	MEAN VALUE	10.67
0.08	SE(MEAN)	0.03
2.22	SD DEVIATION	0.87
0.06	SE(SD DEV)	0.02

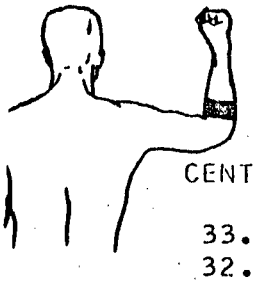
****

SYMMETRY---VETA I = 0.37
KURTOSIS---VETA II = 2.95
COEF. OF VARIATION = 8.17

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
33.01	99TH	13.00
32.23	98TH	12.69
31.73	97TH	12.49
31.08	95TH	12.23
30.09	90TH	11.85
29.45	85TH	11.59
28.95	80TH	11.40
28.53	75TH	11.23
28.16	70TH	11.09
27.83	65TH	10.96
27.52	60TH	10.83
27.23	55TH	10.72
26.94	50TH	10.61
26.66	45TH	10.50
26.39	40TH	10.39
26.11	35TH	10.28
25.82	30TH	10.17
25.52	25TH	10.05
25.20	20TH	9.92
24.83	15TH	9.78
24.40	10TH	9.61
23.81	5TH	9.37
23.46	3RD	9.24
23.22	2RD	9.14
22.87	1ST	9.01

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
WRIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
19.95- 20.15	2	790	0.25	100.00
19.75- 19.95	0	788	0.00	99.75
19.55- 19.75	0	788	0.00	99.75
19.35- 19.55	2	788	0.25	99.75
19.15- 19.35	2	786	0.25	99.49
18.95- 19.15	16	784	2.03	99.24
18.75- 18.95	0	768	0.00	97.22
18.55- 18.75	3	768	0.38	97.22
18.35- 18.55	19	765	2.41	96.84
18.15- 18.35	5	746	0.63	94.43
17.95- 18.15	85	741	10.76	93.80
17.75- 17.95	6	656	0.76	83.04
17.55- 17.75	11	650	1.39	82.28
17.35- 17.55	48	639	6.08	80.89
17.15- 17.35	20	591	2.53	74.81
16.95- 17.15	154	571	19.49	72.28
16.75- 16.95	15	417	1.90	52.78
16.55- 16.75	23	402	2.91	50.89
16.35- 16.55	79	379	10.00	47.97
16.15- 16.35	29	300	3.67	37.97
15.95- 16.15	161	271	20.38	34.30
15.75- 15.95	7	110	0.89	13.92
15.55- 15.75	9	103	1.14	13.04
15.35- 15.55	41	94	5.19	11.90
15.15- 15.35	19	53	2.41	6.71
14.95- 15.15	27	34	3.42	4.30
14.75- 14.95	1	7	0.13	0.89
14.55- 14.75	1	6	0.13	0.76
14.35- 14.55	2	5	0.25	0.63
14.15- 14.35	2	3	0.25	0.38
13.95- 14.15	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
16.74	MEAN VALUE	6.59
0.03	SE(MEAN)	0.01
0.97	SD DEVIATION	0.38
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.31
KURTOSIS---VETA II = 2.91
COEF. OF VARIATION = 5.82

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
19.17	99TH	7.55
18.89	98TH	7.44
18.71	97TH	7.37
18.46	95TH	7.27
18.07	90TH	7.11
17.80	85TH	7.01
17.59	80TH	6.92
17.40	75TH	6.85
17.24	70TH	6.79
17.09	65TH	6.73
16.95	60TH	6.67
16.82	55TH	6.62
16.69	50TH	6.57
16.56	45TH	6.52
16.44	40TH	6.47
16.31	35TH	6.42
16.18	30TH	6.37
16.04	25TH	6.32
15.90	20TH	6.26
15.73	15TH	6.19
15.54	10TH	6.12
15.28	5TH	6.02
15.13	3RD	5.96
15.04	2RD	5.92
14.90	1ST	5.87

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HAND CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
24.95- 25.15	1	790	0.13	100.00
24.75- 24.95	0	789	0.00	99.87
24.55- 24.75	0	789	0.00	99.87
24.35- 24.55	0	789	0.00	99.87
24.15- 24.35	1	789	0.13	99.87
23.95- 24.15	9	788	1.14	99.75
23.75- 23.95	0	779	0.00	98.61
23.55- 23.75	1	779	0.13	98.61
23.35- 23.55	2	778	0.25	98.48
23.15- 23.35	3	776	0.38	98.23
22.95- 23.15	39	773	4.94	97.85
22.75- 22.95	1	734	0.13	92.91
22.55- 22.75	0	733	0.00	92.78
22.35- 22.55	26	733	3.29	92.78
22.15- 22.35	15	707	1.90	89.49
21.95- 22.15	128	692	16.20	87.59
21.75- 21.95	9	564	1.14	71.39
21.55- 21.75	9	555	1.14	70.25
21.35- 21.55	62	546	7.85	69.11
21.15- 21.35	16	484	2.03	61.27
20.95- 21.15	170	468	21.52	59.24
20.75- 20.95	14	298	1.77	37.72
20.55- 20.75	7	284	0.89	35.95
20.35- 20.55	58	277	7.34	35.06
20.15- 20.35	14	219	1.77	27.72
19.95- 20.15	134	205	16.96	25.95
19.75- 19.95	1	71	0.13	8.99
19.55- 19.75	2	70	0.25	8.86
19.35- 19.55	18	68	2.28	8.61
19.15- 19.35	2	50	0.25	6.33
18.95- 19.15	30	48	3.80	6.08
18.75- 18.95	0	18	0.00	2.28
18.55- 18.75	0	18	0.00	2.28
18.35- 18.55	11	18	1.39	2.28
18.15- 18.35	1	7	0.13	0.89
17.95- 18.15	4	6	0.51	0.76
17.75- 17.95	0	2	0.00	0.25
17.55- 17.75	0	2	0.00	0.25
17.35- 17.55	0	2	0.00	0.25
17.15- 17.35	1	2	0.13	0.25
16.95- 17.15	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
21.05	MEAN VALUE	8.29
0.04	SE(MEAN)	0.02
1.13	SD DEVIATION	0.44
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = -0.02
KURTOSIS---VETA II = 3.29
COEF. OF VARIATION = 5.36

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
23.87	99TH	9.40
23.45	98TH	9.23
23.20	97TH	9.14
22.89	95TH	9.01
22.45	90TH	8.84
22.17	85TH	8.73
21.96	80TH	8.65
21.78	75TH	8.58
21.62	70TH	8.51
21.48	65TH	8.46
21.34	60TH	8.40
21.21	55TH	8.35
21.08	50TH	8.30
20.94	45TH	8.25
20.81	40TH	8.19
20.66	35TH	8.14
20.51	30TH	8.08
20.35	25TH	8.01
20.16	20TH	7.94
19.93	15TH	7.85
19.64	10TH	7.73
19.20	5TH	7.56
18.90	3RD	7.44
18.67	2RD	7.35
18.32	1ST	7.21

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CROTCH-THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
71.25- 72.25	1	790	0.13	100.00
70.25- 71.25	0	789	0.00	99.87
69.25- 70.25	1	789	0.13	99.87
68.25- 69.25	0	788	0.00	99.75
67.25- 68.25	1	788	0.13	99.75
66.25- 67.25	2	787	0.25	99.62
65.25- 66.25	2	785	0.25	99.37
64.25- 65.25	6	783	0.76	99.11
63.25- 64.25	9	777	1.14	98.35
62.25- 63.25	9	768	1.14	97.22
61.25- 62.25	20	759	2.53	96.08
60.25- 61.25	20	739	2.53	93.54
59.25- 60.25	30	719	3.80	91.01
58.25- 59.25	30	689	3.80	87.22
57.25- 58.25	34	659	4.30	83.42
56.25- 57.25	40	625	5.06	79.11
55.25- 56.25	44	585	5.57	74.05
54.25- 55.25	52	541	6.58	68.48
53.25- 54.25	58	489	7.34	61.90
52.25- 53.25	66	431	8.35	54.56
51.25- 52.25	66	365	8.35	46.20
50.25- 51.25	57	299	7.22	37.85
49.25- 50.25	75	242	9.49	30.63
48.25- 49.25	49	167	6.20	21.14
47.25- 48.25	41	118	5.19	14.94
46.25- 47.25	25	77	3.16	9.75
45.25- 46.25	19	52	2.41	6.58
44.25- 45.25	13	33	1.65	4.18
43.25- 44.25	13	20	1.65	2.53
42.25- 43.25	2	7	0.25	0.89
41.25- 42.25	1	5	0.13	0.63
40.25- 41.25	3	4	0.38	0.51
39.25- 40.25	0	1	0.00	0.13
38.25- 39.25	0	1	0.00	0.13
37.25- 38.25	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
53.36	MEAN VALUE	21.01
0.18	SE(MEAN)	0.07
4.96	SD DEVIATION	1.95
0.12	SE(SD DEV)	0.05

****

SYMMETRY---VETA I = 0.33
KURTOSIS---VETA II = 3.04
COEF. OF VARIATION = 9.30

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
65.10	99TH	25.63
63.94	98TH	25.17
63.11	97TH	24.85
61.89	95TH	24.37
59.88	90TH	23.58
58.48	85TH	23.02
57.37	80TH	22.59
56.42	75TH	22.21
55.58	70TH	21.88
54.82	65TH	21.58
54.10	60TH	21.30
53.43	55TH	21.04
52.78	50TH	20.78
52.15	45TH	20.53
51.52	40TH	20.28
50.89	35TH	20.04
50.25	30TH	19.78
49.58	25TH	19.52
48.86	20TH	19.24
48.06	15TH	18.92
47.09	10TH	18.54
45.70	5TH	17.99
44.81	3RD	17.64
44.15	2RD	17.38
43.06	1ST	16.95

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

LOWER THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
46.75- 47.25	1	790	0.13	100.00
46.25- 46.75	0	789	0.00	99.87
45.75- 46.25	1	789	0.13	99.87
45.25- 45.75	0	788	0.00	99.75
44.75- 45.25	3	788	0.38	99.75
44.25- 44.75	1	785	0.13	99.37
43.75- 44.25	8	784	1.01	99.24
43.25- 43.75	5	776	0.63	98.23
42.75- 43.25	17	771	2.15	97.59
42.25- 42.75	3	754	0.38	95.44
41.75- 42.25	22	751	2.78	95.06
41.25- 41.75	6	729	0.76	92.28
40.75- 41.25	41	723	5.19	91.52
40.25- 40.75	9	682	1.14	86.33
39.75- 40.25	42	673	5.32	85.19
39.25- 39.75	8	631	1.01	79.87
38.75- 39.25	52	623	6.58	78.86
38.25- 38.75	15	571	1.90	72.28
37.75- 38.25	80	556	10.13	70.38
37.25- 37.75	21	476	2.66	60.25
36.75- 37.25	83	455	10.51	57.59
36.25- 36.75	15	372	1.90	47.09
35.75- 36.25	86	357	10.89	45.19
35.25- 35.75	16	271	2.03	34.30
34.75- 35.25	62	255	7.85	32.28
34.25- 34.75	25	193	3.16	24.43
33.75- 34.25	69	168	8.73	21.27
33.25- 33.75	15	99	1.90	12.53
32.75- 33.25	51	84	6.46	10.63
32.25- 32.75	5	33	0.63	4.18
31.75- 32.25	14	28	1.77	3.54
31.25- 31.75	2	14	0.25	1.77
30.75- 31.25	6	12	0.76	1.52
30.25- 30.75	1	6	0.13	0.76
29.75- 30.25	4	5	0.51	0.63
29.25- 29.75	0	1	0.00	0.13
28.75- 29.25	0	1	0.00	0.13
28.25- 28.75	0	1	0.00	0.13
27.75- 28.25	0	1	0.00	0.13
27.25- 27.75	0	1	0.00	0.13
26.75- 27.25	0	1	0.00	0.13
26.25- 26.75	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
37.00	MEAN VALUE	14.57
0.11	SE(MEAN)	0.04
3.01	SD DEVIATION	1.18
0.08	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.31
KURTOSIS---VETA II = 2.85
COEF. OF VARIATION = 8.13

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
44.13	99TH	17.37
43.53	98TH	17.14
43.07	97TH	16.96
42.36	95TH	16.68
41.14	90TH	16.20
40.27	85TH	15.85
39.58	80TH	15.58
38.98	75TH	15.35
38.46	70TH	15.14
37.98	65TH	14.95
37.54	60TH	14.78
37.13	55TH	14.62
36.73	50TH	14.46
36.34	45TH	14.31
35.96	40TH	14.16
35.58	35TH	14.01
35.20	30TH	13.86
34.81	25TH	13.70
34.39	20TH	13.54
33.92	15TH	13.36
33.37	10TH	13.14
32.59	5TH	12.83
32.08	3RD	12.63
31.69	2RD	12.48
31.04	1ST	12.22

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CALF CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
42.75- 43.25	1	790	0.13	100.00
42.25- 42.75	2	789	0.25	99.87
41.75- 42.25	5	787	0.63	99.62
41.25- 41.75	1	782	0.13	98.99
40.75- 41.25	4	781	0.51	98.86
40.25- 40.75	4	777	0.51	98.35
39.75- 40.25	11	773	1.39	97.85
39.25- 39.75	8	762	1.01	96.46
38.75- 39.25	18	754	2.28	95.44
38.25- 38.75	10	736	1.27	93.16
37.75- 38.25	25	726	3.16	91.90
37.25- 37.75	22	701	2.78	88.73
36.75- 37.25	35	679	4.43	85.95
36.25- 36.75	22	644	2.78	81.52
35.75- 36.25	68	622	8.61	78.73
35.25- 35.75	27	554	3.42	70.13
34.75- 35.25	71	527	8.99	66.71
34.25- 34.75	48	456	6.08	57.72
33.75- 34.25	87	408	11.01	51.65
33.25- 33.75	25	321	3.16	40.63
32.75- 33.25	96	296	12.15	37.47
32.25- 32.75	36	200	4.56	25.32
31.75- 32.25	59	164	7.47	20.76
31.25- 31.75	20	105	2.53	13.29
30.75- 31.25	39	85	4.94	10.76
30.25- 30.75	13	46	1.65	5.82
29.75- 30.25	20	33	2.53	4.18
29.25- 29.75	2	13	0.25	1.65
28.75- 29.25	8	11	1.01	1.39
28.25- 28.75	1	3	0.13	0.38
27.75- 28.25	0	2	0.00	0.25
27.25- 27.75	1	2	0.13	0.25
26.75- 27.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
34.43	MEAN VALUE	13.55
0.09	SE(MEAN)	0.04
2.61	SD DEVIATION	1.03
0.07	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.42
KURTOSIS---VETA II = 3.15
COEF. OF VARIATION = 7.59

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
41.65	99TH	16.40
40.59	98TH	15.98
39.95	97TH	15.73
39.11	95TH	15.40
37.89	90TH	14.92
37.11	85TH	14.61
36.53	80TH	14.38
36.04	75TH	14.19
35.61	70TH	14.02
35.23	65TH	13.87
34.88	60TH	13.73
34.54	55TH	13.60
34.22	50TH	13.47
33.91	45TH	13.35
33.59	40TH	13.23
33.28	35TH	13.10
32.95	30TH	12.97
32.61	25TH	12.84
32.23	20TH	12.69
31.80	15TH	12.52
31.27	10TH	12.31
30.51	5TH	12.01
30.03	3RD	11.82
29.68	2RD	11.69
29.13	1ST	11.47

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ANKLE CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
25.95- 26.15	2	790	0.25	100.00
25.75- 25.95	1	788	0.13	99.75
25.55- 25.75	0	787	0.00	99.62
25.35- 25.55	3	787	0.38	99.62
25.15- 25.35	0	784	0.00	99.24
24.95- 25.15	7	784	0.89	99.24
24.75- 24.95	1	777	0.13	98.35
24.55- 24.75	0	776	0.00	98.23
24.35- 24.55	7	776	0.89	98.23
24.15- 24.35	2	769	0.25	97.34
23.95- 24.15	27	767	3.42	97.09
23.75- 23.95	1	740	0.13	93.67
23.55- 23.75	0	739	0.00	93.54
23.35- 23.55	24	739	3.04	93.54
23.15- 23.35	14	715	1.77	90.51
22.95- 23.15	75	701	9.49	88.73
22.75- 22.95	11	626	1.39	79.24
22.55- 22.75	7	615	0.89	77.85
22.35- 22.55	30	608	3.80	76.96
22.15- 22.35	33	578	4.18	73.16
21.95- 22.15	98	545	12.41	68.99
21.75- 21.95	15	447	1.90	56.58
21.55- 21.75	9	432	1.14	54.68
21.35- 21.55	64	423	8.10	53.54
21.15- 21.35	24	359	3.04	45.44
20.95- 21.15	128	335	16.20	42.41
20.75- 20.95	16	207	2.03	26.20
20.55- 20.75	10	191	1.27	24.18
20.35- 20.55	45	181	5.70	22.91
20.15- 20.35	19	136	2.41	17.22
19.95- 20.15	70	117	8.86	14.81
19.75- 19.95	11	47	1.39	5.95
19.55- 19.75	3	36	0.38	4.56
19.35- 19.55	14	33	1.77	4.18
19.15- 19.35	2	19	0.25	2.41
18.95- 19.15	11	17	1.39	2.15
18.75- 18.95	2	6	0.25	0.76
18.55- 18.75	1	4	0.13	0.51
18.35- 18.55	2	3	0.25	0.38
18.15- 18.35	0	1	0.00	0.13
17.95- 18.15	0	1	0.00	0.13
17.75- 17.95	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
21.62	MEAN VALUE	8.51
0.05	SE(MEAN)	0.02
1.31	SD DEVIATION	0.52
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.37
KURTOSIS---VETA II = 3.07
COEF. OF VARIATION = 6.07

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
25.00	99TH	9.84
24.57	98TH	9.67
24.30	97TH	9.57
23.94	95TH	9.42
23.38	90TH	9.21
23.02	85TH	9.06
22.73	80TH	8.95
22.49	75TH	8.85
22.28	70TH	8.77
22.08	65TH	8.69
21.90	60TH	8.62
21.73	55TH	8.56
21.56	50TH	8.49
21.40	45TH	8.43
21.24	40TH	8.36
21.07	35TH	8.30
20.90	30TH	8.23
20.72	25TH	8.16
20.52	20TH	8.08
20.30	15TH	7.99
20.02	10TH	7.88
19.64	5TH	7.73
19.40	3RD	7.64
19.23	2RD	7.57
18.98	1ST	7.47

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD HEIGHT (TRAGION-TO-VERTEX)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
15.15- 15.35	3	790	0.38	100.00
14.95- 15.15	1	787	0.13	99.62
14.75- 14.95	5	786	0.63	99.49
14.55- 14.75	6	781	0.76	98.86
14.35- 14.55	14	775	1.77	98.10
14.15- 14.35	32	761	4.05	96.33
13.95- 14.15	56	729	7.09	92.28
13.75- 13.95	54	673	6.84	85.19
13.55- 13.75	74	619	9.37	78.35
13.35- 13.55	94	545	11.90	68.99
13.15- 13.35	107	451	13.54	57.09
12.95- 13.15	87	344	11.01	43.54
12.75- 12.95	65	257	8.23	32.53
12.55- 12.75	63	192	7.97	24.30
12.35- 12.55	48	129	6.08	16.33
12.15- 12.35	29	81	3.67	10.25
11.95- 12.15	8	52	1.01	6.58
11.75- 11.95	7	44	0.89	5.57
11.55- 11.75	4	37	0.51	4.68
11.35- 11.55	5	33	0.63	4.18
11.15- 11.35	3	28	0.38	3.54
10.95- 11.15	6	25	0.76	3.16
10.75- 10.95	0	19	0.00	2.41
10.55- 10.75	8	19	1.01	2.41
10.35- 10.55	7	11	0.89	1.39
10.15- 10.35	1	4	0.13	0.51
9.95- 10.15	2	3	0.25	0.38
9.75- 9.95	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
13.18	MEAN VALUE	5.19
0.03	SE(MEAN)	0.01
0.79	SD DEVIATION	0.31
0.02	SE(SD DEV)	0.01

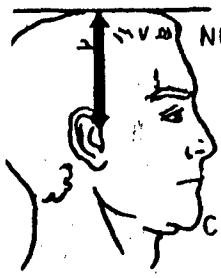
****

SYMMETRY---VETA I = -0.98
KURTOSIS---VETA II = 5.34
COEF. OF VARIATION = 6.00

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
14.77	99TH	5.81
14.57	98TH	5.74
14.45	97TH	5.69
14.29	95TH	5.63
14.05	90TH	5.53
13.89	85TH	5.47
13.77	80TH	5.42
13.67	75TH	5.38
13.58	70TH	5.35
13.50	65TH	5.32
13.42	60TH	5.28
13.35	55TH	5.25
13.27	50TH	5.22
13.19	45TH	5.19
13.10	40TH	5.16
13.01	35TH	5.12
12.91	30TH	5.08
12.79	25TH	5.04
12.64	20TH	4.98
12.46	15TH	4.90
12.18	10TH	4.80
11.67	5TH	4.60
11.27	3RD	4.44
10.92	2RD	4.30
10.29	1ST	4.05

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD LENGTH

THE FREQUENCY TABLES *

RANGES*	F	CUMF	FPCT	CUMPCT
20.95- 21.15	1	790	0.13	100.00
20.75- 20.95	1	789	0.13	99.87
20.55- 20.75	2	788	0.25	99.75
20.35- 20.55	7	786	0.89	99.49
20.15- 20.35	8	779	1.01	98.61
19.95- 20.15	30	771	3.80	97.59
19.75- 19.95	33	741	4.18	93.80
19.55- 19.75	60	708	7.59	89.62
19.35- 19.55	60	648	7.59	82.03
19.15- 19.35	71	588	8.99	74.43
18.95- 19.15	97	517	12.28	65.44
18.75- 18.95	69	420	8.73	53.16
18.55- 18.75	93	351	11.77	44.43
18.35- 18.55	60	258	7.59	32.66
18.15- 18.35	61	198	7.72	25.06
17.95- 18.15	61	137	7.72	17.34
17.75- 17.95	23	76	2.91	9.62
17.55- 17.75	19	53	2.41	6.71
17.35- 17.55	19	34	2.41	4.30
17.15- 17.35	7	15	0.89	1.90
16.95- 17.15	7	8	0.89	1.01
16.75- 16.95	0	1	0.00	0.13
16.55- 16.75	0	1	0.00	0.13
16.35- 16.55	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.85	MEAN VALUE	7.42
0.03	SE(MEAN)	0.01
0.72	SD DEVIATION	0.28
0.02	SE(SD DEV)	0.01

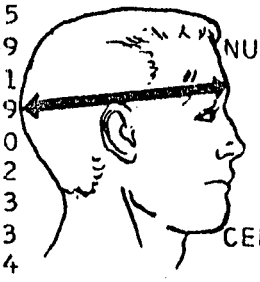
****

SYMMETRY---VETA I = -0.11
KURTOSIS---VETA II = 2.83
COEF. OF VARIATION = 3.81

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
20.41	99TH	8.04
20.25	98TH	7.97
20.15	97TH	7.93
20.00	95TH	7.88
19.77	90TH	7.78
19.61	85TH	7.72
19.48	80TH	7.67
19.36	75TH	7.62
19.25	70TH	7.58
19.16	65TH	7.54
19.06	60TH	7.50
18.97	55TH	7.47
18.87	50TH	7.43
18.78	45TH	7.39
18.69	40TH	7.36
18.59	35TH	7.32
18.48	30TH	7.28
18.37	25TH	7.23
18.24	20TH	7.18
18.09	15TH	7.12
17.90	10TH	7.05
17.63	5TH	6.94
17.46	3RD	6.87
17.34	2RD	6.83
17.15	1ST	6.75

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

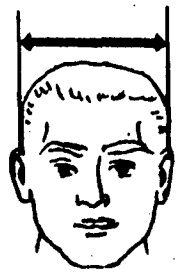
.....

HEAD BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
17.25- 17.35	1	790	0.13	100.00
17.15- 17.25	4	789	0.51	99.87
17.05- 17.15	0	785	0.00	99.37
16.95- 17.05	0	785	0.00	99.37
16.85- 16.95	0	785	0.00	99.37
16.75- 16.85	1	785	0.13	99.37
16.65- 16.75	1	784	0.13	99.24
16.55- 16.65	4	783	0.51	99.11
16.45- 16.55	9	779	1.14	98.61
16.35- 16.45	5	770	0.63	97.47
16.25- 16.35	2	765	0.25	96.84
16.15- 16.25	16	763	2.03	96.58
16.05- 16.15	8	747	1.01	94.56
15.95- 16.05	25	739	3.16	93.54
15.85- 15.95	17	714	2.15	90.38
15.75- 15.85	38	697	4.81	88.23
15.65- 15.75	25	659	3.16	83.42
15.55- 15.65	33	634	4.18	80.25
15.45- 15.55	46	601	5.82	76.08
15.35- 15.45	27	555	3.42	70.25
15.25- 15.35	51	528	6.46	66.84
15.15- 15.25	46	477	5.82	60.38
15.05- 15.15	39	431	4.94	54.56
14.95- 15.05	70	392	8.86	49.62
14.85- 14.95	35	322	4.43	40.76
14.75- 14.85	62	287	7.85	36.33
14.65- 14.75	41	225	5.19	28.48
14.55- 14.65	44	184	5.57	23.29
14.45- 14.55	41	140	5.19	17.72
14.35- 14.45	22	99	2.78	12.53
14.25- 14.35	23	77	2.91	9.75
14.15- 14.25	22	54	2.78	6.84
14.05- 14.15	8	32	1.01	4.05
13.95- 14.05	8	24	1.01	3.04
13.85- 13.95	5	16	0.63	2.03
13.75- 13.85	4	11	0.51	1.39
13.65- 13.75	3	7	0.38	0.89
13.55- 13.65	2	4	0.25	0.51
13.45- 13.55	0	2	0.00	0.25
13.35- 13.45	0	2	0.00	0.25
13.25- 13.35	0	2	0.00	0.25
13.15- 13.25	0	2	0.00	0.25
13.05- 13.15	0	2	0.00	0.25
12.95- 13.05	0	2	0.00	0.25
12.85- 12.95	1	2	0.13	0.25
12.75- 12.85	1	1	0.13	0.13

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
15.12	MEAN VALUE	5.95
0.02	SE(MEAN)	0.01
0.62	SD DEVIATION	0.25
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.25
KURTOSIS---VETA II = 3.42
COEF. OF VARIATION = 4.13

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

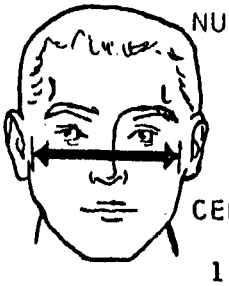
CENTIMETERS		INCHES
16.63	99TH	6.55
16.48	98TH	6.49
16.36	97TH	6.44
16.21	95TH	6.38
15.95	90TH	6.28
15.78	85TH	6.21
15.64	80TH	6.16
15.52	75TH	6.11
15.42	70TH	6.07
15.33	65TH	6.03
15.24	60TH	6.00
15.16	55TH	5.97
15.08	50TH	5.94
15.00	45TH	5.91
14.92	40TH	5.88
14.85	35TH	5.85
14.77	30TH	5.81
14.69	25TH	5.78
14.59	20TH	5.75
14.49	15TH	5.71
14.36	10TH	5.66
14.17	5TH	5.58
14.05	3RD	5.53
13.95	2RD	5.49
13.78	1ST	5.42

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FACE BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
14.15- 14.35	1	790	0.13	100.00
13.95- 14.15	2	789	0.25	99.87
13.75- 13.95	3	787	0.38	99.62
13.55- 13.75	9	784	1.14	99.24
13.35- 13.55	9	775	1.14	98.10
13.15- 13.35	17	766	2.15	96.96
12.95- 13.15	27	749	3.42	94.81
12.75- 12.95	48	722	6.08	91.39
12.55- 12.75	74	674	9.37	85.32
12.35- 12.55	93	600	11.77	75.95
12.15- 12.35	106	507	13.42	64.18
11.95- 12.15	104	401	13.16	50.76
11.75- 11.95	86	297	10.89	37.59
11.55- 11.75	62	211	7.85	26.71
11.35- 11.55	68	149	8.61	18.86
11.15- 11.35	28	81	3.54	10.25
10.95- 11.15	30	53	3.80	6.71
10.75- 10.95	18	23	2.28	2.91
10.55- 10.75	5	5	0.63	0.63



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.13	MEAN VALUE	4.77
0.02	SE(MEAN)	0.01
0.62	SD DEVIATION	0.25
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.12
KURTOSIS---VETA II = 3.05
COEF. OF VARIATION = 5.14

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
13.74	99TH	5.41
13.49	98TH	5.31
13.34	97TH	5.25
13.16	95TH	5.18
12.92	90TH	5.08
12.76	85TH	5.02
12.64	80TH	4.98
12.54	75TH	4.94
12.45	70TH	4.90
12.37	65TH	4.87
12.29	60TH	4.84
12.21	55TH	4.81
12.13	50TH	4.78
12.06	45TH	4.75
11.97	40TH	4.71
11.89	35TH	4.68
11.80	30TH	4.65
11.70	25TH	4.61
11.59	20TH	4.56
11.47	15TH	4.51
11.31	10TH	4.45
11.09	5TH	4.37
10.96	3RD	4.31
10.88	2RD	4.28
10.77	1ST	4.24

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BITRAGION DIAMETER

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
15.25- 15.35	1	790	0.13	100.00
15.15- 15.25	1	789	0.13	99.87
15.05- 15.15	1	788	0.13	99.75
14.95- 15.05	4	787	0.51	99.62
14.85- 14.95	1	783	0.13	99.11
14.75- 14.85	4	782	0.51	98.99
14.65- 14.75	6	778	0.76	98.48
14.55- 14.65	13	772	1.65	97.72
14.45- 14.55	17	759	2.15	96.08
14.35- 14.45	8	742	1.01	93.92
14.25- 14.35	21	734	2.66	92.91
14.15- 14.25	25	713	3.16	90.25
14.05- 14.15	23	688	2.91	87.09
13.95- 14.05	42	665	5.32	84.18
13.85- 13.95	24	623	3.04	78.86
13.75- 13.85	54	599	6.84	75.82
13.65- 13.75	44	545	5.57	68.99
13.55- 13.65	67	501	8.48	63.42
13.45- 13.55	63	434	7.97	54.94
13.35- 13.45	45	371	5.70	46.96
13.25- 13.35	57	326	7.22	41.27
13.15- 13.25	51	269	6.46	34.05
13.05- 13.15	45	218	5.70	27.59
12.95- 13.05	47	173	5.95	21.90
12.85- 12.95	32	126	4.05	15.95
12.75- 12.85	31	94	3.92	11.90
12.65- 12.75	7	63	0.89	7.97
12.55- 12.65	19	56	2.41	7.09
12.45- 12.55	15	37	1.90	4.68
12.35- 12.45	7	22	0.89	2.78
12.25- 12.35	8	15	1.01	1.90
12.15- 12.25	1	7	0.13	0.89
12.05- 12.15	2	6	0.25	0.76
11.95- 12.05	2	4	0.25	0.51
11.85- 11.95	0	2	0.00	0.25
11.75- 11.85	1	2	0.13	0.25
11.65- 11.75	0	1	0.00	0.13
11.55- 11.65	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
13.49	MEAN VALUE	5.31
0.02	SE(MEAN)	0.01
0.57	SD DEVIATION	0.22
0.01	SE(SD DEV)	0.01

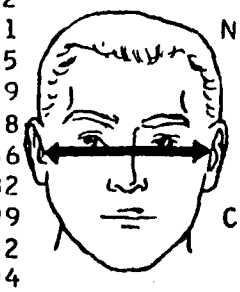
****

SYMMETRY---VETA I = 0.13
KURTOSIS---VETA II = 3.08
COEF. OF VARIATION = 4.20

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
14.87	99TH	5.85
14.70	98TH	5.79
14.60	97TH	5.75
14.46	95TH	5.69
14.24	90TH	5.60
14.09	85TH	5.55
13.97	80TH	5.50
13.87	75TH	5.46
13.78	70TH	5.42
13.70	65TH	5.39
13.62	60TH	5.36
13.55	55TH	5.33
13.47	50TH	5.30
13.40	45TH	5.28
13.33	40TH	5.25
13.26	35TH	5.22
13.18	30TH	5.19
13.10	25TH	5.16
13.01	20TH	5.12
12.91	15TH	5.08
12.78	10TH	5.03
12.59	5TH	4.96
12.47	3RD	4.91
12.38	2RD	4.87
12.24	1ST	4.82

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR FACE LENGTH (MENTON-NASAL ROOT DEPRESSION)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
13.95- 14.05	1	790	0.13	100.00
13.85- 13.95	1	789	0.13	99.87
13.75- 13.85	1	788	0.13	99.75
13.65- 13.75	2	787	0.25	99.62
13.55- 13.65	2	785	0.25	99.37
13.45- 13.55	7	783	0.89	99.11
13.35- 13.45	10	776	1.27	98.23
13.25- 13.35	12	766	1.52	96.96
13.15- 13.25	8	754	1.01	95.44
13.05- 13.15	8	746	1.01	94.43
12.95- 13.05	18	738	2.28	93.42
12.85- 12.95	35	720	4.43	91.14
12.75- 12.85	28	685	3.54	86.71
12.65- 12.75	32	657	4.05	83.16
12.55- 12.65	37	625	4.68	79.11
12.45- 12.55	64	588	8.10	74.43
12.35- 12.45	47	524	5.95	66.33
12.25- 12.35	51	477	6.46	60.38
12.15- 12.25	47	426	5.95	53.92
12.05- 12.15	35	379	4.43	47.97
11.95- 12.05	64	344	8.10	43.54
11.85- 11.95	52	280	6.58	35.44
11.75- 11.85	35	228	4.43	28.86
11.65- 11.75	38	193	4.81	24.43
11.55- 11.65	34	155	4.30	19.62
11.45- 11.55	36	121	4.56	15.32
11.35- 11.45	20	85	2.53	10.76
11.25- 11.35	15	65	1.90	8.23
11.15- 11.25	10	50	1.27	6.33
11.05- 11.15	20	40	2.53	5.06
10.95- 11.05	10	20	1.27	2.53
10.85- 10.95	2	10	0.25	1.27
10.75- 10.85	1	8	0.13	1.01
10.65- 10.75	0	7	0.00	0.89
10.55- 10.65	2	7	0.25	0.89
10.45- 10.55	3	5	0.38	0.63
10.35- 10.45	1	2	0.13	0.25
10.25- 10.35	0	1	0.00	0.13
10.15- 10.25	0	1	0.00	0.13
10.05- 10.15	0	1	0.00	0.13
9.95- 10.05	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.18	MEAN VALUE	4.79
0.02	SE(MEAN)	0.01
0.60	SD DEVIATION	0.24
0.02	SE(SD DEV)	0.01

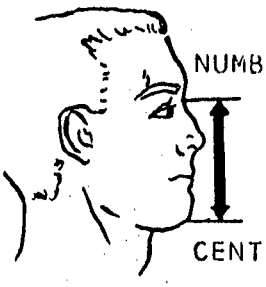
****

SYMMETRY---VETA I = -0.02
KURTOSIS---VETA II = 3.02
COEF. OF VARIATION = 4.94

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

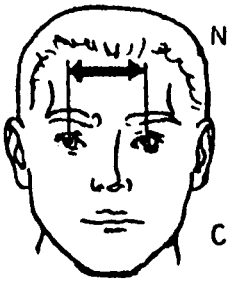
CENTIMETERS		INCHES
13.57	99TH	5.34
13.42	98TH	5.28
13.32	97TH	5.24
13.18	95TH	5.19
12.96	90TH	5.10
12.81	85TH	5.04
12.69	80TH	5.00
12.59	75TH	4.96
12.50	70TH	4.92
12.41	65TH	4.89
12.33	60TH	4.85
12.25	55TH	4.82
12.17	50TH	4.79
12.09	45TH	4.76
12.02	40TH	4.73
11.94	35TH	4.70
11.85	30TH	4.67
11.76	25TH	4.63
11.66	20TH	4.59
11.55	15TH	4.55
11.40	10TH	4.49
11.20	5TH	4.41
11.07	3RD	4.36
10.98	2RD	4.32
10.84	1ST	4.27

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

INTERPUPILLARY DISTANCE

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
7.15-	7.25	1	790	0.13	100.00
7.05-	7.15	0	789	0.00	99.87
6.95-	7.05	7	789	0.89	99.87
6.85-	6.95	12	782	1.52	98.99
6.75-	6.85	13	770	1.65	97.47
6.65-	6.75	18	757	2.28	95.82
6.55-	6.65	36	739	4.56	93.54
6.45-	6.55	68	703	8.61	88.99
6.35-	6.45	41	635	5.19	80.38
6.25-	6.35	75	594	9.49	75.19
6.15-	6.25	75	519	9.49	65.70
6.05-	6.15	105	444	13.29	56.20
5.95-	6.05	120	339	15.19	42.91
5.85-	5.95	71	219	8.99	27.72
5.75-	5.85	61	148	7.72	18.73
5.65-	5.75	45	87	5.70	11.01
5.55-	5.65	14	42	1.77	5.32
5.45-	5.55	23	28	2.91	3.54
5.35-	5.45	3	5	0.38	0.63
5.25-	5.35	1	2	0.13	0.25
5.15-	5.25	0	1	0.00	0.13
5.05-	5.15	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
6.14	MEAN VALUE	2.42
0.01	SE(MEAN)	0.00
0.33	SD DEVIATION	0.13
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.27
KURTOSIS---VETA II = 2.91
COEF. OF VARIATION = 5.35

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
6.96	99TH	2.74
6.87	98TH	2.71
6.81	97TH	2.68
6.72	95TH	2.65
6.58	90TH	2.59
6.49	85TH	2.56
6.42	80TH	2.53
6.35	75TH	2.50
6.30	70TH	2.48
6.25	65TH	2.46
6.20	60TH	2.44
6.16	55TH	2.42
6.12	50TH	2.41
6.07	45TH	2.39
6.03	40TH	2.38
5.99	35TH	2.36
5.95	30TH	2.34
5.90	25TH	2.32
5.85	20TH	2.30
5.80	15TH	2.28
5.73	10TH	2.26
5.63	5TH	2.22
5.56	3RD	2.19
5.52	2RD	2.17
5.44	1ST	2.14

IN CENTIMETERS

E AIR FORCE

VARIABLE 61

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

FOOT LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
29.25- 29.55	1	790	0.13	100.00
28.95- 29.25	10	789	1.27	99.87
28.65- 28.95	0	779	0.00	98.61
28.35- 28.65	22	779	2.78	98.61
28.05- 28.35	0	757	0.00	95.82
27.75- 28.05	20	757	2.53	95.82
27.45- 27.75	68	737	8.61	93.29
27.15- 27.45	0	669	0.00	84.68
26.85- 27.15	97	669	12.28	84.68
26.55- 26.85	0	572	0.00	72.41
26.25- 26.55	140	572	17.72	72.41
25.95- 26.25	134	432	16.96	54.68
25.65- 25.95	0	298	0.00	37.72
25.35- 25.65	124	298	15.70	37.72
25.05- 25.35	1	174	0.13	22.03
24.75- 25.05	78	173	9.87	21.90
24.45- 24.75	51	95	6.46	12.03
24.15- 24.45	0	44	0.00	5.57
23.85- 24.15	31	44	3.92	5.57
23.55- 23.85	0	13	0.00	1.65
23.25- 23.55	8	13	1.01	1.65
22.95- 23.25	3	5	0.38	0.63
22.65- 22.95	0	2	0.00	0.25
22.35- 22.65	2	2	0.25	0.25

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
26.10	MEAN VALUE	10.28
0.04	SE(MEAN)	0.02
1.15	SD DEVIATION	0.45
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 3.04
COEF. OF VARIATION = 4.41

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
29.04	99TH	11.43
28.63	98TH	11.27
28.38	97TH	11.17
28.06	95TH	11.05
27.60	90TH	10.87
27.30	85TH	10.75
27.07	80TH	10.66
26.88	75TH	10.58
26.70	70TH	10.51
26.54	65TH	10.45
26.39	60TH	10.39
26.25	55TH	10.33
26.10	50TH	10.28
25.96	45TH	10.22
25.81	40TH	10.16
25.66	35TH	10.10
25.50	30TH	10.04
25.33	25TH	9.97
25.13	20TH	9.89
24.91	15TH	9.81
24.62	10TH	9.69
24.20	5TH	9.53
23.93	3RD	9.42
23.73	2RD	9.34
23.43	1ST	9.23

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

INSTEP LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
20.25- 20.75	1	39	2.56	100.00
19.75- 20.25	2	38	5.13	97.44
19.25- 19.75	1	36	2.56	92.31
18.75- 19.25	14	35	35.90	89.74
18.25- 18.75	3	21	7.69	53.85
17.75- 18.25	10	18	25.64	46.15
17.25- 17.75	5	8	12.82	20.51
16.75- 17.25	2	3	5.13	7.69
16.25- 16.75	0	1	0.00	2.56
15.75- 16.25	1	1	2.56	2.56



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.44	MEAN VALUE	7.26
0.14	SE(MEAN)	0.06
0.89	SD DEVIATION	0.35
0.10	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = -0.19
KURTOSIS---VETA II = 3.26
COEF. OF VARIATION = 4.84

****

NUMBER OF SUBJECTS = 39.

****

THE PERCENTILES

CENTIMETERS		INCHES
20.60	99TH	8.11
20.32	98TH	8.00
20.14	97TH	7.93
19.90	95TH	7.84
19.56	90TH	7.70
19.33	85TH	7.61
19.16	80TH	7.54
19.02	75TH	7.49
18.89	70TH	7.44
18.77	65TH	7.39
18.66	60TH	7.35
18.56	55TH	7.31
18.46	50TH	7.27
18.35	45TH	7.23
18.25	40TH	7.18
18.14	35TH	7.14
18.02	30TH	7.09
17.89	25TH	7.04
17.74	20TH	6.98
17.56	15TH	6.91
17.31	10TH	6.81
16.90	5TH	6.65
16.60	3RD	6.53
16.35	2RD	6.44
15.93	1ST	6.27

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

FOOT BREADTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
11.95-	12.05	7	790	0.89	100.00
11.85-	11.95	0	783	0.00	99.11
11.75-	11.85	0	783	0.00	99.11
11.65-	11.75	0	783	0.00	99.11
11.55-	11.65	0	783	0.00	99.11
11.45-	11.55	47	783	5.95	99.11
11.35-	11.45	0	736	0.00	93.16
11.25-	11.35	0	736	0.00	93.16
11.15-	11.25	0	736	0.00	93.16
11.05-	11.15	0	736	0.00	93.16
10.95-	11.05	131	736	16.58	93.16
10.85-	10.95	0	605	0.00	76.58
10.75-	10.85	0	605	0.00	76.58
10.65-	10.75	0	605	0.00	76.58
10.55-	10.65	0	605	0.00	76.58
10.45-	10.55	249	605	31.52	76.58
10.35-	10.45	0	356	0.00	45.06
10.25-	10.35	0	356	0.00	45.06
10.15-	10.25	0	356	0.00	45.06
10.05-	10.15	0	356	0.00	45.06
9.95-	10.05	245	356	31.01	45.06
9.85-	9.95	0	111	0.00	14.05
9.75-	9.85	0	111	0.00	14.05
9.65-	9.75	0	111	0.00	14.05
9.55-	9.65	0	111	0.00	14.05
9.45-	9.55	94	111	11.90	14.05
9.35-	9.45	0	17	0.00	2.15
9.25-	9.35	0	17	0.00	2.15
9.15-	9.25	0	17	0.00	2.15
9.05-	9.15	0	17	0.00	2.15
8.95-	9.05	13	17	1.65	2.15
8.85-	8.95	0	4	0.00	0.51
8.75-	8.85	0	4	0.00	0.51
8.65-	8.75	0	4	0.00	0.51
8.55-	8.65	0	4	0.00	0.51
8.45-	8.55	4	4	0.51	0.51



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
10.35	MEAN VALUE	4.07
0.02	SE(MEAN)	0.01
0.59	SD DEVIATION	0.23
0.01	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.10
KURTOSIS---VETA II = 3.08
COEF. OF VARIATION = 5.[illegible]

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
11.57	99TH	4.56
11.54	98TH	4.55
11.49	97TH	4.52
11.38	95TH	4.48
11.15	90TH	4.39
10.98	85TH	4.32
10.84	80TH	4.27
10.72	75TH	4.22
10.61	70TH	4.18
10.52	65TH	4.14
10.44	60TH	4.11
10.36	55TH	4.08
10.28	50TH	4.05
10.21	45TH	4.02
10.15	40TH	3.99
10.08	35TH	3.97
10.02	30TH	3.94
9.95	25TH	3.92
9.88	20TH	3.89
9.79	15TH	3.86
9.68	10TH	3.81
9.50	5TH	3.74
9.34	3RD	3.68
9.20	2RD	3.62
8.92	1ST	3.51

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HEEL BREADTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
7.95-	8.05	2	790	0.25	100.00
7.85-	7.95	0	788	0.00	99.75
7.75-	7.85	0	788	0.00	99.75
7.65-	7.75	6	788	0.76	99.75
7.55-	7.65	3	782	0.38	98.99
7.45-	7.55	14	779	1.77	98.61
7.35-	7.45	11	765	1.39	96.84
7.25-	7.35	13	754	1.65	95.44
7.15-	7.25	27	741	3.42	93.80
7.05-	7.15	45	714	5.70	90.38
6.95-	7.05	174	669	22.03	84.68
6.85-	6.95	4	495	0.51	62.66
6.75-	6.85	82	491	10.38	62.15
6.65-	6.75	57	409	7.22	51.77
6.55-	6.65	123	352	15.57	44.56
6.45-	6.55	89	229	11.27	28.99
6.35-	6.45	28	140	3.54	17.72
6.25-	6.35	25	112	3.16	14.18
6.15-	6.25	30	87	3.80	11.01
6.05-	6.15	29	57	3.67	7.22
5.95-	6.05	25	28	3.16	3.54
5.85-	5.95	0	3	0.00	0.38
5.75-	5.85	1	3	0.13	0.38
5.65-	5.75	2	2	0.25	0.25

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
6.74	MEAN VALUE	2.65
0.01	SE(MEAN)	0.01
0.36	SD DEVIATION	0.14
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.03
KURTOSIS---VETA II = 3.05
COEF. OF VARIATION = 5.40

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
7.67	99TH	3.02
7.51	98TH	2.96
7.42	97TH	2.92
7.32	95TH	2.88
7.18	90TH	2.83
7.10	85TH	2.80
7.04	80TH	2.77
6.98	75TH	2.75
6.93	70TH	2.73
6.89	65TH	2.71
6.84	60TH	2.69
6.80	55TH	2.68
6.75	50TH	2.66
6.70	45TH	2.64
6.66	40TH	2.62
6.61	35TH	2.60
6.55	30TH	2.58
6.49	25TH	2.55
6.42	20TH	2.53
6.34	15TH	2.50
6.24	10TH	2.46
6.11	5TH	2.41
6.04	3RD	2.38
6.00	2RD	2.36
5.96	1ST	2.35

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

BALL-OF-FOOT CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
29.85- 30.15	1	790	0.13	100.00
29.55- 29.85	0	789	0.00	99.87
29.25- 29.55	0	789	0.00	99.87
28.95- 29.25	8	789	1.01	99.87
28.65- 28.95	0	781	0.00	98.86
28.35- 28.65	3	781	0.38	98.86
28.05- 28.35	0	778	0.00	98.48
27.75- 28.05	49	778	6.20	98.48
27.45- 27.75	9	729	1.14	92.28
27.15- 27.45	2	720	0.25	91.14
26.85- 27.15	123	718	15.57	90.89
26.55- 26.85	1	595	0.13	75.32
26.25- 26.55	9	594	1.14	75.19
25.95- 26.25	241	585	30.51	74.05
25.65- 25.95	3	344	0.38	43.54
25.35- 25.65	17	341	2.15	43.16
25.05- 25.35	7	324	0.89	41.01
24.75- 25.05	197	317	24.94	40.13
24.45- 24.75	8	120	1.01	15.19
24.15- 24.45	10	112	1.27	14.18
23.85- 24.15	75	102	9.49	12.91
23.55- 23.85	1	27	0.13	3.42
23.25- 23.55	6	26	0.76	3.29
22.95- 23.25	18	20	2.28	2.53
22.65- 22.95	0	2	0.00	0.25
22.35- 22.65	0	2	0.00	0.25
22.05- 22.35	0	2	0.00	0.25
21.75- 22.05	2	2	0.25	0.25

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
25.76	MEAN VALUE	10.14
0.04	SE(MEAN)	0.02
1.23	SD DEVIATION	0.48
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.03
COEF. OF VARIATION = 4.78

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
28.80	99TH	11.34
28.32	98TH	11.15
28.05	97TH	11.04
27.71	95TH	10.91
27.25	90TH	10.73
26.96	85TH	10.61
26.74	80TH	10.53
26.55	75TH	10.45
26.38	70TH	10.38
26.22	65TH	10.32
26.06	60TH	10.26
25.92	55TH	10.20
25.77	50TH	10.14
25.61	45TH	10.08
25.46	40TH	10.02
25.30	35TH	9.96
25.12	30TH	9.89
24.93	25TH	9.82
24.72	20TH	9.73
24.47	15TH	9.63
24.15	10TH	9.51
23.71	5TH	9.34
23.45	3RD	9.23
23.28	2RD	9.16
23.04	1ST	9.07

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEEL-ANKLE DIAGUNAL

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
37.95- 38.25	3	790	0.38	100.00
37.65- 37.95	0	787	0.00	99.62
37.35- 37.65	1	787	0.13	99.62
37.05- 37.35	0	786	0.00	99.49
36.75- 37.05	20	786	2.53	99.49
36.45- 36.75	3	766	0.38	96.96
36.15- 36.45	2	763	0.25	96.58
35.85- 36.15	56	761	7.09	96.33
35.55- 35.85	3	705	0.38	89.24
35.25- 35.55	8	702	1.01	88.86
34.95- 35.25	134	694	16.96	87.85
34.65- 34.95	0	560	0.00	70.89
34.35- 34.65	10	560	1.27	70.89
34.05- 34.35	2	550	0.25	69.62
33.75- 34.05	191	548	24.18	69.37
33.45- 33.75	3	357	0.38	45.19
33.15- 33.45	17	354	2.15	44.81
32.85- 33.15	198	337	25.06	42.66
32.55- 32.85	1	139	0.13	17.59
32.25- 32.55	7	138	0.89	17.47
31.95- 32.25	91	131	11.52	16.58
31.65- 31.95	0	40	0.00	5.06
31.35- 31.65	1	40	0.13	5.06
31.05- 31.35	1	39	0.13	4.94
30.75- 31.05	33	38	4.18	4.81
30.45- 30.75	0	5	0.00	0.63
30.15- 30.45	0	5	0.00	0.63
29.85- 30.15	5	5	0.63	0.63

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.78	MEAN VALUE	13.30
0.05	SE(MEAN)	0.02
1.42	SD DEVIATION	0.56
0.04	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.14
KURTOSIS---VETA II = 2.90
COEF. OF VARIATION = 4.21

****

NUMBER OF SUBJECTS = 790.

****



THE PERCENTILES

CENTIMETERS		INCHES
37.09	99TH	14.60
36.81	98TH	14.49
36.59	97TH	14.41
36.27	95TH	14.28
35.72	90TH	14.06
35.33	85TH	13.91
35.02	80TH	13.79
34.75	75TH	13.68
34.51	70TH	13.59
34.30	65TH	13.50
34.09	60TH	13.42
33.90	55TH	13.34
33.71	50TH	13.27
33.52	45TH	13.20
33.34	40TH	13.13
33.15	35TH	13.05
32.96	30TH	12.98
32.76	25TH	12.90
32.54	20TH	12.81
32.29	15TH	12.71
31.98	10TH	12.59
31.52	5TH	12.41
31.21	3RD	12.29
30.97	2RD	12.19
30.57	1ST	12.03

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

INSTEP CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
30.75- 31.05	3	790	0.38	100.00
30.45- 30.75	0	787	0.00	99.62
30.15- 30.45	0	787	0.00	99.62
29.85- 30.15	10	787	1.27	99.62
29.55- 29.85	2	777	0.25	98.35
29.25- 29.55	2	775	0.25	98.10
28.95- 29.25	40	773	5.06	97.85
28.65- 28.95	7	733	0.89	92.78
28.35- 28.65	7	726	0.89	91.90
28.05- 28.35	3	719	0.38	91.01
27.75- 28.05	87	716	11.01	90.63
27.45- 27.75	15	629	1.90	79.62
27.15- 27.45	5	614	0.63	77.72
26.85- 27.15	173	609	21.90	77.09
26.55- 26.85	0	436	0.00	55.19
26.25- 26.55	12	436	1.52	55.19
25.95- 26.25	217	424	27.47	53.67
25.65- 25.95	1	207	0.13	26.20
25.35- 25.65	11	206	1.39	26.08
25.05- 25.35	1	195	0.13	24.68
24.75- 25.05	132	194	16.71	24.56
24.45- 24.75	2	62	0.25	7.85
24.15- 24.45	0	60	0.00	7.59
23.85- 24.15	54	60	6.84	7.59
23.55- 23.85	0	6	0.00	0.76
23.25- 23.55	0	6	0.00	0.76
22.95- 23.25	6	6	0.76	0.76

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
26.44	MEAN VALUE	10.41
0.05	SE(MEAN)	0.02
1.42	SD DEVIATION	0.56
0.04	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.27
KURTOSIS---VETA II = 2.93
COEF. OF VARIATION = 5.36

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

CENTIMETERS		INCHES
30.05	99TH	11.83
29.49	98TH	11.61
29.18	97TH	11.49
28.78	95TH	11.33
28.23	90TH	11.11
27.87	85TH	10.97
27.60	80TH	10.87
27.37	75TH	10.77
27.15	70TH	10.69
26.96	65TH	10.61
26.77	60TH	10.54
26.59	55TH	10.47
26.41	50TH	10.40
26.23	45TH	10.33
26.04	40TH	10.25
25.85	35TH	10.18
25.65	30TH	10.10
25.43	25TH	10.01
25.20	20TH	9.92
24.93	15TH	9.81
24.61	10TH	9.69
24.20	5TH	9.53
24.00	3RD	9.45
23.89	2RD	9.41
23.80	1ST	9.37

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

AGE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
52.50- 53.50	1	790	0.13	100.00
51.50- 52.50	0	789	0.00	99.87
50.50- 51.50	1	789	0.13	99.87
49.50- 50.50	3	788	0.38	99.75
48.50- 49.50	0	785	0.00	99.37
47.50- 48.50	2	785	0.25	99.37
46.50- 47.50	3	783	0.38	99.11
45.50- 46.50	6	780	0.76	98.73
44.50- 45.50	6	774	0.76	97.97
43.50- 44.50	3	768	0.38	97.22
42.50- 43.50	4	765	0.51	96.84
41.50- 42.50	9	761	1.14	96.33
40.50- 41.50	10	752	1.27	95.19
39.50- 40.50	11	742	1.39	93.92
38.50- 39.50	11	731	1.39	92.53
37.50- 38.50	20	720	2.53	91.14
36.50- 37.50	32	700	4.05	88.61
35.50- 36.50	18	668	2.28	84.56
34.50- 35.50	16	650	2.03	82.28
33.50- 34.50	13	634	1.65	80.25
32.50- 33.50	9	621	1.14	78.61
31.50- 32.50	9	612	1.14	77.47
30.50- 31.50	19	603	2.41	76.33
29.50- 30.50	26	584	3.29	73.92
28.50- 29.50	32	558	4.05	70.63
27.50- 28.50	48	526	6.08	66.58
26.50- 27.50	78	478	9.87	60.51
25.50- 26.50	56	400	7.09	50.63
24.50- 25.50	63	344	7.97	43.54
23.50- 24.50	76	281	9.62	35.57
22.50- 23.50	61	205	7.72	25.95
21.50- 22.50	48	144	6.08	18.23
20.50- 21.50	51	96	6.46	12.15
19.50- 20.50	34	45	4.30	5.70
18.50- 19.50	11	11	1.39	1.39

*IN YEARS

THE SUMMARY STATISTICS

YEARS		YEARS
28.10	MEAN VALUE	28.10
0.24	SE(MEAN)	0.24
6.63	SD DEVIATION	6.63
0.17	SE(SD DEV)	0.17

****

SYMMETRY---VETA I = 1.09
KURTOSIS---VETA II = 3.62
COEF. OF VARIATION = 23.61

****

NUMBER OF SUBJECTS = 790.

****

THE PERCENTILES

YEARS		YEARS
47.33	99TH	47.33
45.42	98TH	45.42
43.93	97TH	43.93
41.67	95TH	41.67
37.90	90TH	37.90
35.33	85TH	35.33
33.36	80TH	33.36
31.74	75TH	31.74
30.36	70TH	30.36
29.16	65TH	29.16
28.10	60TH	28.10
27.15	55TH	27.15
26.29	50TH	26.29
25.50	45TH	25.50
24.78	40TH	24.78
24.11	35TH	24.11
23.49	30TH	23.49
22.92	25TH	22.92
22.39	20TH	22.39
21.88	15TH	21.88
21.38	10TH	21.38
20.75	5TH	20.75
20.27	3RD	20.27
19.81	2RD	19.81
18.77	1ST	18.77

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

WEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
95.50- 97.50	1	740	0.14	100.00
93.50- 95.50	0	739	0.00	99.86
91.50- 93.50	0	739	0.00	99.86
89.50- 91.50	2	739	0.27	99.86
87.50- 89.50	1	737	0.14	99.59
85.50- 87.50	2	736	0.27	99.46
83.50- 85.50	10	734	1.35	99.19
81.50- 83.50	4	724	0.54	97.84
79.50- 81.50	5	720	0.68	97.30
77.50- 79.50	10	715	1.35	96.62
75.50- 77.50	8	705	1.08	95.27
73.50- 75.50	20	697	2.70	94.19
71.50- 73.50	15	677	2.03	91.49
69.50- 71.50	45	662	6.08	89.46
67.50- 69.50	43	617	5.81	83.38
65.50- 67.50	48	574	6.49	77.57
63.50- 65.50	80	526	10.81	71.08
61.50- 63.50	56	446	7.57	60.27
59.50- 61.50	99	390	13.38	52.70
57.50- 59.50	83	291	11.22	39.32
55.50- 57.50	60	208	8.11	28.11
53.50- 55.50	69	148	9.32	20.00
51.50- 53.50	35	79	4.73	10.68
49.50- 51.50	30	44	4.05	5.95
47.50- 49.50	5	14	0.68	1.89
45.50- 47.50	4	9	0.54	1.22
43.50- 45.50	4	5	0.54	0.68
41.50- 43.50	0	1	0.00	0.14
39.50- 41.50	1	1	0.14	0.14

*IN KILOGRAMS

THE SUMMARY STATISTICS

KILOGRAMS		POUNDS
62.20	MEAN VALUE	136.85
0.29	SE(MEAN)	0.64
7.90	SD DEVIATION	17.38
0.21	SE(SD DEV)	0.45

****

SYMMETRY---VETA I = 0.78
KURTOSIS---VETA II = 4.06
COEF. OF VARIATION = 12.70

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

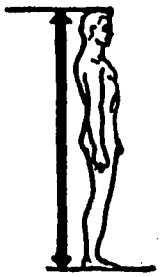
KILOGRAMS		POUNDS
86.09	99TH	189.39
82.42	98TH	181.33
80.17	97TH	176.37
77.22	95TH	169.88
72.96	90TH	160.51
70.30	85TH	154.67
68.34	80TH	150.35
66.73	75TH	146.81
65.37	70TH	143.82
64.18	65TH	141.19
63.09	60TH	138.81
62.10	55TH	136.61
61.15	50TH	134.54
60.25	45TH	132.55
59.38	40TH	130.64
58.52	35TH	128.74
57.65	30TH	126.83
56.75	25TH	124.84
55.78	20TH	122.71
54.69	15TH	120.33
53.36	10TH	117.39
51.35	5TH	112.98
49.98	3RD	109.96
48.89	2RD	107.56
47.00	1ST	103.41

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEIGHT (STATURE)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
185.25-186.25	1	740	0.14	100.00
184.25-185.25	4	739	0.54	99.86
183.25-184.25	4	735	0.54	99.32
182.25-183.25	3	731	0.41	98.78
181.25-182.25	2	728	0.27	98.38
180.25-181.25	2	726	0.27	98.11
179.25-180.25	3	724	0.41	97.84
178.25-179.25	6	721	0.81	97.43
177.25-178.25	8	715	1.08	96.62
176.25-177.25	17	707	2.30	95.54
175.25-176.25	11	690	1.49	93.24
174.25-175.25	21	679	2.84	91.76
173.25-174.25	26	658	3.51	88.92
172.25-173.25	25	632	3.38	85.41
171.25-172.25	35	607	4.73	82.03
170.25-171.25	46	572	6.22	77.30
169.25-170.25	46	526	6.22	71.08
168.25-169.25	58	480	7.84	64.86
167.25-168.25	48	422	6.49	57.03
166.25-167.25	59	374	7.97	50.54
165.25-166.25	55	315	7.43	42.57
164.25-165.25	52	260	7.03	35.14
163.25-164.25	43	208	5.81	28.11
162.25-163.25	45	165	6.08	22.30
161.25-162.25	30	120	4.05	16.22
160.25-161.25	28	90	3.78	12.16
159.25-160.25	20	62	2.70	8.38
158.25-159.25	11	42	1.49	5.68
157.25-158.25	18	31	2.43	4.19
156.25-157.25	7	13	0.95	1.76
155.25-156.25	0	6	0.00	0.81
154.25-155.25	2	6	0.27	0.81
153.25-154.25	1	4	0.14	0.54
152.25-153.25	1	3	0.14	0.41
151.25-152.25	1	2	0.14	0.27
150.25-151.25	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
167.49	MEAN VALUE	65.94
0.20	SE(MEAN)	0.08
5.53	SD DEVIATION	2.18
0.14	SE(SD DEV)	0.06

****

SYMMETRY---VETA I = 0.34
KURTOSIS---VETA II = 3.38
COEF. OF VARIATION = 3.30

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
183.60	99TH	72.28
180.68	98TH	71.13
179.06	97TH	70.50
177.10	95TH	69.72
174.50	90TH	68.70
172.95	85TH	68.09
171.82	80TH	67.64
170.87	75TH	67.27
170.05	70TH	66.95
169.31	65TH	66.66
168.61	60TH	66.38
167.94	55TH	66.12
167.28	50TH	65.86
166.62	45TH	65.60
165.95	40TH	65.33
165.26	35TH	65.06
164.52	30TH	64.77
163.73	25TH	64.46
162.85	20TH	64.11
161.84	15TH	63.72
160.59	10TH	63.22
158.86	5TH	62.54
157.88	3RD	62.16
157.25	2RD	61.91
156.47	1ST	61.60

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CERVICALE HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
160.25-161.25	1	740	0.14	100.00
159.25-160.25	2	739	0.27	99.86
158.25-159.25	3	737	0.41	99.59
157.25-158.25	3	734	0.41	99.19
156.25-157.25	3	731	0.41	98.78
155.25-156.25	3	728	0.41	98.38
154.25-155.25	3	725	0.41	97.97
153.25-154.25	6	722	0.81	97.57
152.25-153.25	11	716	1.49	96.76
151.25-152.25	15	705	2.03	95.27
150.25-151.25	18	690	2.43	93.24
149.25-150.25	22	672	2.97	90.81
148.25-149.25	26	650	3.51	87.84
147.25-148.25	25	624	3.38	84.32
146.25-147.25	38	599	5.14	80.95
145.25-146.25	44	561	5.95	75.81
144.25-145.25	64	517	8.65	69.86
143.25-144.25	58	453	7.84	61.22
142.25-143.25	59	395	7.97	53.38
141.25-142.25	60	336	8.11	45.41
140.25-141.25	54	276	7.30	37.30
139.25-140.25	47	222	6.35	30.00
138.25-139.25	34	175	4.59	23.65
137.25-138.25	43	141	5.81	19.05
136.25-137.25	32	98	4.32	13.24
135.25-136.25	18	66	2.43	8.92
134.25-135.25	18	48	2.43	6.49
133.25-134.25	12	30	1.62	4.05
132.25-133.25	8	18	1.08	2.43
131.25-132.25	4	10	0.54	1.35
130.25-131.25	3	6	0.41	0.81
129.25-130.25	0	3	0.00	0.41
128.25-129.25	1	3	0.14	0.41
127.25-128.25	0	2	0.00	0.27
126.25-127.25	2	2	0.27	0.27



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
142.96	MEAN VALUE	56.28
0.20	SE(MEAN)	0.08
5.32	SD DEVIATION	2.09
0.14	SE(SD DEV)	0.05

****

SYMMETRY---VETA I = 0.29
KURTOSIS---VETA II = 3.31
COEF. OF VARIATION = 3.72

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
157.71	99TH	62.09
155.26	98TH	61.13
153.86	97TH	60.57
152.11	95TH	59.89
149.71	90TH	58.94
148.25	85TH	58.36
147.16	80TH	57.94
146.25	75TH	57.58
145.45	70TH	57.27
144.74	65TH	56.98
144.07	60TH	56.72
143.42	55TH	56.47
142.79	50TH	56.22
142.16	45TH	55.97
141.53	40TH	55.72
140.88	35TH	55.46
140.19	30TH	55.19
139.44	25TH	54.90
138.61	20TH	54.57
137.64	15TH	54.19
136.43	10TH	53.71
134.67	5TH	53.02
133.57	3RD	52.59
132.79	2RD	52.28
131.65	1ST	51.83

*IN CENTIMETERS

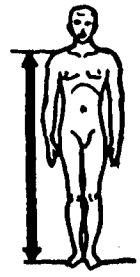
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

SHOULDER (ACROMION) HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
155.25-156.25	1	740	0.14	100.00
154.25-155.25	2	739	0.27	99.86
153.25-154.25	1	737	0.14	99.59
152.25-153.25	3	736	0.41	99.46
151.25-152.25	3	733	0.41	99.05
150.25-151.25	4	730	0.54	98.65
149.25-150.25	2	726	0.27	98.11
148.25-149.25	4	724	0.54	97.84
147.25-148.25	7	720	0.95	97.30
146.25-147.25	10	713	1.35	96.35
145.25-146.25	18	703	2.43	95.00
144.25-145.25	19	685	2.57	92.57
143.25-144.25	20	666	2.70	90.00
142.25-143.25	33	646	4.46	87.30
141.25-142.25	31	613	4.19	82.84
140.25-141.25	40	582	5.41	78.65
139.25-140.25	46	542	6.22	73.24
138.25-139.25	61	496	8.24	67.03
137.25-138.25	62	435	8.38	58.78
136.25-137.25	56	373	7.57	50.41
135.25-136.25	57	317	7.70	42.84
134.25-135.25	51	260	6.89	35.14
133.25-134.25	49	209	6.62	28.24
132.25-133.25	44	160	5.95	21.62
131.25-132.25	34	116	4.59	15.68
130.25-131.25	31	82	4.19	11.08
129.25-130.25	18	51	2.43	6.89
128.25-129.25	13	33	1.76	4.46
127.25-128.25	8	20	1.08	2.70
126.25-127.25	6	12	0.81	1.62
125.25-126.25	1	6	0.14	0.81
124.25-125.25	2	5	0.27	0.68
123.25-124.25	1	3	0.14	0.41
122.25-123.25	2	2	0.27	0.27



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
137.37	MEAN VALUE	54.08
0.19	SE(MEAN)	0.08
5.24	SD DEVIATION	2.06
0.14	SE(SD DEV)	0.05

****

SYMMETRY---VETA I = 0.37
KURTOSIS---VETA II = 3.38
COEF. OF VARIATION = 3.81

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
152.06	99TH	59.87
149.64	98TH	58.91
148.24	97TH	58.36
146.49	95TH	57.67
144.08	90TH	56.72
142.60	85TH	56.14
141.49	80TH	55.71
140.58	75TH	55.34
139.78	70TH	55.03
139.06	65TH	54.75
138.39	60TH	54.48
137.75	55TH	54.23
137.13	50TH	53.99
136.51	45TH	53.74
135.88	40TH	53.50
135.25	35TH	53.25
134.58	30TH	52.98
133.86	25TH	52.70
133.05	20TH	52.38
132.14	15TH	52.02
130.99	10TH	51.57
129.34	5TH	50.92
128.32	3RD	50.52
127.61	2RD	50.24
126.57	1ST	49.83

*IN CENTIMETERS

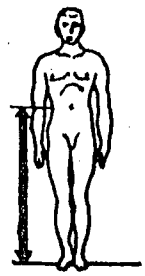
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

WAIST (TOP OF HIP BONE) HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
115.25-116.25	1	740	0.14	100.00
114.25-115.25	0	739	0.00	99.86
113.25-114.25	1	739	0.14	99.86
112.25-113.25	2	738	0.27	99.73
111.25-112.25	2	736	0.27	99.46
110.25-111.25	4	734	0.54	99.19
109.25-110.25	9	730	1.22	98.65
108.25-109.25	8	721	1.08	97.43
107.25-108.25	11	713	1.49	96.35
106.25-107.25	29	702	3.92	94.86
105.25-106.25	22	673	2.97	90.95
104.25-105.25	38	651	5.14	87.97
103.25-104.25	43	613	5.81	82.84
102.25-103.25	41	570	5.54	77.03
101.25-102.25	70	529	9.46	71.49
100.25-101.25	69	459	9.32	62.03
99.25-100.25	76	390	10.27	52.70
98.25- 99.25	63	314	8.51	42.43
97.25- 98.25	58	251	7.84	33.92
96.25- 97.25	55	193	7.43	26.08
95.25- 96.25	52	138	7.03	18.65
94.25- 95.25	36	86	4.86	11.62
93.25- 94.25	24	50	3.24	6.76
92.25- 93.25	10	26	1.35	3.51
91.25- 92.25	6	16	0.81	2.16
90.25- 91.25	6	10	0.81	1.35
89.25- 90.25	1	4	0.14	0.54
88.25- 89.25	1	3	0.14	0.41
87.25- 88.25	2	2	0.27	0.27

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
100.14	MEAN VALUE	39.42
0.16	SE(MEAN)	0.06
4.28	SD DEVIATION	1.68
0.11	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = 0.27
KURTOSIS---VETA II = 3.12
COEF. OF VARIATION = 4.27

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
110.91	99TH	43.67
109.63	98TH	43.16
108.79	97TH	42.83
107.63	95TH	42.37
105.83	90TH	41.67
104.63	85TH	41.19
103.70	80TH	40.83
102.91	75TH	40.52
102.22	70TH	40.24
101.59	65TH	40.00
101.01	60TH	39.77
100.45	55TH	39.55
99.92	50TH	39.34
99.39	45TH	39.13
98.87	40TH	38.92
98.34	35TH	38.72
97.79	30TH	38.50
97.21	25TH	38.27
96.57	20TH	38.02
95.85	15TH	37.74
94.94	10TH	37.38
93.60	5TH	36.85
92.71	3RD	36.50
92.04	2RD	36.23
90.92	1ST	35.79

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CROTCH HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
88.25- 89.25	2	740	0.27	100.00
87.25- 88.25	2	738	0.27	99.73
86.25- 87.25	1	736	0.14	99.46
85.25- 86.25	9	735	1.22	99.32
84.25- 85.25	10	726	1.35	98.11
83.25- 84.25	14	716	1.89	96.76
82.25- 83.25	29	702	3.92	94.86
81.25- 82.25	37	673	5.00	90.95
80.25- 81.25	43	636	5.81	85.95
79.25- 80.25	49	593	6.62	80.14
78.25- 79.25	64	544	8.65	73.51
77.25- 78.25	77	480	10.41	64.86
76.25- 77.25	75	403	10.14	54.46
75.25- 76.25	76	328	10.27	44.32
74.25- 75.25	52	252	7.03	34.05
73.25- 74.25	62	200	8.38	27.03
72.25- 73.25	47	138	6.35	18.65
71.25- 72.25	28	91	3.78	12.30
70.25- 71.25	24	63	3.24	8.51
69.25- 70.25	11	39	1.49	5.27
68.25- 69.25	13	28	1.76	3.78
67.25- 68.25	10	15	1.35	2.03
66.25- 67.25	1	5	0.14	0.68
65.25- 66.25	1	4	0.14	0.54
64.25- 65.25	2	3	0.27	0.41
63.25- 64.25	0	1	0.00	0.14
62.25- 63.25	1	1	0.14	0.14



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
76.76	MEAN VALUE	30.22
0.15	SE(MEAN)	0.06
4.05	SD DEVIATION	1.59
0.11	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = -0.05
KURTOSIS---VETA II = 3.05
COEF. OF VARIATION = 5.28

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
86.11	99TH	33.90
85.03	98TH	33.48
84.35	97TH	33.21
83.42	95TH	32.84
81.98	90TH	32.27
81.00	85TH	31.89
80.22	80TH	31.58
79.55	75TH	31.32
78.94	70TH	31.08
78.38	65TH	30.86
77.85	60TH	30.65
77.33	55TH	30.44
76.82	50TH	30.24
76.30	45TH	30.04
75.78	40TH	29.83
75.24	35TH	29.62
74.67	30TH	29.40
74.05	25TH	29.15
73.36	20TH	28.88
72.56	15TH	28.57
71.54	10TH	28.17
70.05	5TH	27.58
69.08	3RD	27.20
68.38	2RD	26.92
67.28	1ST	26.49

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

KNEE HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
58.25- 58.75	1	740	0.14	100.00
57.75- 58.25	1	739	0.14	99.86
57.25- 57.75	1	738	0.14	99.73
56.75- 57.25	1	737	0.14	99.59
56.25- 56.75	1	736	0.14	99.46
55.75- 56.25	3	735	0.41	99.32
55.25- 55.75	6	732	0.81	98.92
54.75- 55.25	6	726	0.81	98.11
54.25- 54.75	11	720	1.49	97.30
53.75- 54.25	13	709	1.76	95.81
53.25- 53.75	25	696	3.38	94.05
52.75- 53.25	14	671	1.89	90.68
52.25- 52.75	35	657	4.73	88.78
51.75- 52.25	30	622	4.05	84.05
51.25- 51.75	62	592	8.38	80.00
50.75- 51.25	55	530	7.43	71.62
50.25- 50.75	74	475	10.00	64.19
49.75- 50.25	39	401	5.27	54.19
49.25- 49.75	96	362	12.97	48.92
48.75- 49.25	37	266	5.00	35.95
48.25- 48.75	79	229	10.68	30.95
47.75- 48.25	29	150	3.92	20.27
47.25- 47.75	46	121	6.22	16.35
46.75- 47.25	21	75	2.84	10.14
46.25- 46.75	16	54	2.16	7.30
45.75- 46.25	13	38	1.76	5.14
45.25- 45.75	14	25	1.89	3.38
44.75- 45.25	6	11	0.81	1.49
44.25- 44.75	2	5	0.27	0.68
43.75- 44.25	0	3	0.00	0.41
43.25- 43.75	2	3	0.27	0.41
42.75- 43.25	0	1	0.00	0.14
42.25- 42.75	0	1	0.00	0.14
41.75- 42.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
50.01	MEAN VALUE	19.69
0.09	SE(MEAN)	0.03
2.34	SD DEVIATION	0.92
0.06	SE(SD DEV)	0.02

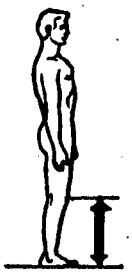
****

SYMMETRY---VETA I = 0.23
KURTOSIS---VETA II = 3.36
COEF. OF VARIATION = 4.68

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
55.94	99TH	22.02
55.12	98TH	21.70
54.61	97TH	21.50
53.96	95TH	21.24
53.00	90TH	20.86
52.38	85TH	20.62
51.90	80TH	20.43
51.50	75TH	20.27
51.14	70TH	20.14
50.82	65TH	20.01
50.52	60TH	19.89
50.23	55TH	19.77
49.94	50TH	19.66
49.66	45TH	19.55
49.37	40TH	19.44
49.08	35TH	19.32
48.77	30TH	19.20
48.44	25TH	19.07
48.07	20TH	18.93
47.65	15TH	18.76
47.11	10TH	18.55
46.32	5TH	18.23
45.80	3RD	18.03
45.42	2RD	17.88
44.83	1ST	17.65

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
CALF HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
42.25- 42.75	2	740	0.27	100.00
41.75- 42.25	0	738	0.00	99.73
41.25- 41.75	1	738	0.14	99.73
40.75- 41.25	0	737	0.00	99.59
40.25- 40.75	1	737	0.14	99.59
39.75- 40.25	1	736	0.14	99.46
39.25- 39.75	3	735	0.41	99.32
38.75- 39.25	6	732	0.81	98.92
38.25- 38.75	9	726	1.22	98.11
37.75- 38.25	10	717	1.35	96.89
37.25- 37.75	23	707	3.11	95.54
36.75- 37.25	11	684	1.49	92.43
36.25- 36.75	31	673	4.19	90.95
35.75- 36.25	35	642	4.73	86.76
35.25- 35.75	81	607	10.95	82.03
34.75- 35.25	49	526	6.62	71.08
34.25- 34.75	100	477	13.51	64.46
33.75- 34.25	47	377	6.35	50.95
33.25- 33.75	80	330	10.81	44.59
32.75- 33.25	47	250	6.35	33.78
32.25- 32.75	60	203	8.11	27.43
31.75- 32.25	44	143	5.95	19.32
31.25- 31.75	44	99	5.95	13.38
30.75- 31.25	25	55	3.38	7.43
30.25- 30.75	19	30	2.57	4.05
29.75- 30.25	3	11	0.41	1.49
29.25- 29.75	5	8	0.68	1.08
28.75- 29.25	1	3	0.14	0.41
28.25- 28.75	1	2	0.14	0.27
27.75- 28.25	1	1	0.14	0.14



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
34.11	MEAN VALUE	13.43
0.08	SE(MEAN)	0.03
2.07	SD DEVIATION	0.82
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.35
KURTOSIS---VETA II = 3.52
COEF. OF VARIATION = 6.08

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
39.42	99TH	15.52
38.65	98TH	15.22
38.19	97TH	15.04
37.60	95TH	14.80
36.74	90TH	14.47
36.20	85TH	14.25
35.77	80TH	14.08
35.42	75TH	13.94
35.10	70TH	13.82
34.82	65TH	13.71
34.54	60TH	13.60
34.29	55TH	13.50
34.03	50TH	13.40
33.78	45TH	13.30
33.52	40TH	13.20
33.26	35TH	13.09
32.98	30TH	12.98
32.69	25TH	12.87
32.36	20TH	12.74
31.98	15TH	12.59
31.52	10TH	12.41
30.87	5TH	12.15
30.47	3RD	12.00
30.20	2RD	11.89
29.81	1ST	11.74

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

FUNCTIONAL ARM REACH-FORWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
90.25- 91.25	1	740	0.14	100.00
89.25- 90.25	0	739	0.00	99.86
88.25- 89.25	2	739	0.27	99.86
87.25- 88.25	2	737	0.27	99.59
86.25- 87.25	3	735	0.41	99.32
85.25- 86.25	7	732	0.95	98.92
84.25- 85.25	7	725	0.95	97.97
83.25- 84.25	22	718	2.97	97.03
82.25- 83.25	28	696	3.78	94.05
81.25- 82.25	37	668	5.00	90.27
80.25- 81.25	42	631	5.68	85.27
79.25- 80.25	45	589	6.08	79.59
78.25- 79.25	69	544	9.32	73.51
77.25- 78.25	78	475	10.54	64.19
76.25- 77.25	74	397	10.00	53.65
75.25- 76.25	66	323	8.92	43.65
74.25- 75.25	58	257	7.84	34.73
73.25- 74.25	53	199	7.16	26.89
72.25- 73.25	42	146	5.68	19.73
71.25- 72.25	41	104	5.54	14.05
70.25- 71.25	31	63	4.19	8.51
69.25- 70.25	10	32	1.35	4.32
68.25- 69.25	9	22	1.22	2.97
67.25- 68.25	7	13	0.95	1.76
66.25- 67.25	4	6	0.54	0.81
65.25- 66.25	0	2	0.00	0.27
64.25- 65.25	1	2	0.14	0.27
63.25- 64.25	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
76.81	MEAN VALUE	30.24
0.15	SE(MEAN)	0.06
4.07	SD DEVIATION	1.60
0.11	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = 0.04
KURTOSIS---VETA II = 3.01
COEF. OF VARIATION = 5.30

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
86.36	99TH	34.00
85.24	98TH	33.56
84.53	97TH	33.28
83.56	95TH	32.90
82.07	90TH	32.31
81.07	85TH	31.92
80.27	80TH	31.60
79.59	75TH	31.33
78.97	70TH	31.09
78.40	65TH	30.87
77.86	60TH	30.65
77.34	55TH	30.45
76.82	50TH	30.24
76.30	45TH	30.04
75.78	40TH	29.83
75.24	35TH	29.62
74.67	30TH	29.40
74.06	25TH	29.16
73.37	20TH	28.89
72.58	15TH	28.57
71.59	10TH	28.18
70.13	5TH	27.61
69.20	3RD	27.25
68.53	2RD	26.98
67.49	1ST	26.57

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

COAT LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
80.25- 80.75	1	740	0.14	100.00
79.75- 80.25	0	739	0.00	99.86
79.25- 79.75	0	739	0.00	99.86
78.75- 79.25	0	739	0.00	99.86
78.25- 78.75	0	739	0.00	99.86
77.75- 78.25	0	739	0.00	99.86
77.25- 77.75	1	739	0.14	99.86
76.75- 77.25	3	738	0.41	99.73
76.25- 76.75	4	735	0.54	99.32
75.75- 76.25	4	731	0.54	98.78
75.25- 75.75	2	727	0.27	98.24
74.75- 75.25	5	725	0.68	97.97
74.25- 74.75	8	720	1.08	97.30
73.75- 74.25	7	712	0.95	96.22
73.25- 73.75	6	705	0.81	95.27
72.75- 73.25	17	699	2.30	94.46
72.25- 72.75	24	682	3.24	92.16
71.75- 72.25	22	658	2.97	88.92
71.25- 71.75	25	636	3.38	85.95
70.75- 71.25	25	611	3.38	82.57
70.25- 70.75	45	586	6.08	79.19
69.75- 70.25	35	541	4.73	73.11
69.25- 69.75	45	506	6.08	68.38
68.75- 69.25	52	461	7.03	62.30
68.25- 68.75	55	409	7.43	55.27
67.75- 68.25	45	354	6.08	47.84
67.25- 67.75	48	309	6.49	41.76
66.75- 67.25	38	261	5.14	35.27
66.25- 66.75	44	223	5.95	30.14
65.75- 66.25	35	179	4.73	24.19
65.25- 65.75	29	144	3.92	19.46
64.75- 65.25	24	115	3.24	15.54
64.25- 64.75	16	91	2.16	12.30
63.75- 64.25	15	75	2.03	10.14
63.25- 63.75	20	60	2.70	8.11
62.75- 63.25	14	40	1.89	5.41
62.25- 62.75	9	26	1.22	3.51
61.75- 62.25	5	17	0.68	2.30
61.25- 61.75	5	12	0.68	1.62
60.75- 61.25	1	7	0.14	0.95
60.25- 60.75	0	6	0.00	0.81
59.75- 60.25	1	6	0.14	0.81
59.25- 59.75	2	5	0.27	0.68
58.75- 59.25	1	3	0.14	0.41
58.25- 58.75	0	2	0.00	0.27
57.75- 58.25	1	2	0.14	0.27
57.25- 57.75	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
68.37	MEAN VALUE	26.92
0.12	SE(MEAN)	0.05
3.18	SD DEVIATION	1.25
0.08	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.06

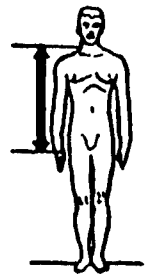
KURTOSIS---VETA II = 3.41

COEF. OF VARIATION = 4.65

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
76.50	99TH	30.12
75.26	98TH	29.63
74.54	97TH	29.35
73.64	95TH	28.99
72.36	90TH	28.49
71.56	85TH	28.17
70.94	80TH	27.93
70.42	75TH	27.72
69.96	70TH	27.54
69.54	65TH	27.38
69.14	60TH	27.22
68.75	55TH	27.07
68.36	50TH	26.92
67.98	45TH	26.76
67.59	40TH	26.61
67.18	35TH	26.45
66.74	30TH	26.28
66.27	25TH	26.09
65.74	20TH	25.88
65.12	15TH	25.64
64.35	10TH	25.33
63.21	5TH	24.89
62.51	3RD	24.61
62.01	2RD	24.41
61.28	1ST	24.13

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HIP BREADTH-STANDING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
36.25- 36.75	7	740	0.95	100.00
35.75- 36.25	5	733	0.68	99.05
35.25- 35.75	9	728	1.22	98.38
34.75- 35.25	18	719	2.43	97.16
34.25- 34.75	27	701	3.65	94.73
33.75- 34.25	49	674	6.62	91.08
33.25- 33.75	58	625	7.84	84.46
32.75- 33.25	70	567	9.46	76.62
32.25- 32.75	96	497	12.97	67.16
31.75- 32.25	84	401	11.35	54.19
31.25- 31.75	93	317	12.57	42.84
30.75- 31.25	69	224	9.32	30.27
30.25- 30.75	64	155	8.65	20.95
29.75- 30.25	38	91	5.14	12.30
29.25- 29.75	37	53	5.00	7.16
28.75- 29.25	9	16	1.22	2.16
28.25- 28.75	4	7	0.54	0.95
27.75- 28.25	2	3	0.27	0.41
27.25- 27.75	0	1	0.00	0.14
26.75- 27.25	1	1	0.14	0.14



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
32.10	MEAN VALUE	12.64
0.06	SE(MEAN)	0.02
1.58	SD DEVIATION	0.62
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.17
KURTOSIS---VETA II = 2.87
COEF. OF VARIATION = 4.92

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
36.18	99TH	14.24
35.60	98TH	14.02
35.26	97TH	13.88
34.82	95TH	13.71
34.18	90TH	13.46
33.76	85TH	13.29
33.43	80TH	13.16
33.16	75TH	13.05
32.91	70TH	12.96
32.68	65TH	12.87
32.47	60TH	12.78
32.26	55TH	12.70
32.06	50TH	12.62
31.85	45TH	12.54
31.65	40TH	12.46
31.44	35TH	12.38
31.22	30TH	12.29
30.98	25TH	12.20
30.72	20TH	12.09
30.42	15TH	11.98
30.06	10TH	11.83
29.56	5TH	11.64
29.28	3RD	11.53
29.09	2RD	11.45
28.85	1ST	11.36

CHEST BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
39.75- 40.25	1	740	0.14	100.00
39.25- 39.75	0	739	0.00	99.86
38.75- 39.25	0	739	0.00	99.86
38.25- 38.75	1	739	0.14	99.86
37.75- 38.25	1	738	0.14	99.73
37.25- 37.75	0	737	0.00	99.59
36.75- 37.25	0	737	0.00	99.59
36.25- 36.75	1	737	0.14	99.59
35.75- 36.25	0	736	0.00	99.46
35.25- 35.75	2	736	0.27	99.46
34.75- 35.25	1	734	0.14	99.19
34.25- 34.75	2	733	0.27	99.05
33.75- 34.25	7	731	0.95	98.78
33.25- 33.75	7	724	0.95	97.84
32.75- 33.25	9	717	1.22	96.89
32.25- 32.75	15	708	2.03	95.68
31.75- 32.25	24	693	3.24	93.65
31.25- 31.75	44	669	5.95	90.41
30.75- 31.25	49	625	6.62	84.46
30.25- 30.75	85	576	11.49	77.84
29.75- 30.25	73	491	9.86	66.35
29.25- 29.75	95	418	12.84	56.49
28.75- 29.25	73	323	9.86	43.65
28.25- 28.75	79	250	10.68	33.78
27.75- 28.25	58	171	7.84	23.11
27.25- 27.75	48	113	6.49	15.27
26.75- 27.25	35	65	4.73	8.78
26.25- 26.75	17	30	2.30	4.05
25.75- 26.25	6	13	0.81	1.76
25.25- 25.75	4	7	0.54	0.95
24.75- 25.25	1	3	0.14	0.41
24.25- 24.75	2	2	0.27	0.27



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
29.57	MEAN VALUE	11.64
0.07	SE(MEAN)	0.03
1.83	SD DEVIATION	0.72
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.77
KURTOSIS---VETA II = 5.48
COEF. OF VARIATION = 6.19

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
34.67	99TH	13.65
33.77	98TH	13.30
33.27	97TH	13.10
32.64	95TH	12.85
31.81	90TH	12.52
31.30	85TH	12.32
30.93	80TH	12.18
30.62	75TH	12.06
30.36	70TH	11.95
30.12	65TH	11.86
29.90	60TH	11.77
29.68	55TH	11.69
29.47	50TH	11.60
29.27	45TH	11.52
29.06	40TH	11.44
28.84	35TH	11.35
28.61	30TH	11.27
28.37	25TH	11.17
28.09	20TH	11.06
27.78	15TH	10.94
27.38	10TH	10.78
26.81	5TH	10.56
26.46	3RD	10.42
26.22	2RD	10.32
25.87	1ST	10.19

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CHEST DEPTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
31.05- 31.35	1	740	0.14	100.00
30.75- 31.05	0	739	0.00	99.86
30.45- 30.75	0	739	0.00	99.86
30.15- 30.45	0	739	0.00	99.86
29.85- 30.15	0	739	0.00	99.86
29.55- 29.85	0	739	0.00	99.86
29.25- 29.55	1	739	0.14	99.86
28.95- 29.25	0	738	0.00	99.73
28.65- 28.95	0	738	0.00	99.73
28.35- 28.65	0	738	0.00	99.73
28.05- 28.35	0	738	0.00	99.73
27.75- 28.05	0	738	0.00	99.73
27.45- 27.75	0	738	0.00	99.73
27.15- 27.45	0	738	0.00	99.73
26.85- 27.15	1	738	0.14	99.73
26.55- 26.85	1	737	0.14	99.59
26.25- 26.55	1	736	0.14	99.46
25.95- 26.25	4	735	0.54	99.32
25.65- 25.95	1	731	0.14	98.78
25.35- 25.65	8	730	1.08	98.65
25.05- 25.35	6	722	0.81	97.57
24.75- 25.05	10	716	1.35	96.76
24.45- 24.75	16	706	2.16	95.41
24.15- 24.45	16	690	2.16	93.24
23.85- 24.15	20	674	2.70	91.08
23.55- 23.85	21	654	2.84	88.38
23.25- 23.55	36	633	4.86	85.54
22.95- 23.25	53	597	7.16	80.68
22.65- 22.95	36	544	4.86	73.51
22.35- 22.65	59	508	7.97	68.65
22.05- 22.35	48	449	6.49	60.68
21.75- 22.05	68	401	9.19	54.19
21.45- 21.75	64	333	8.65	45.00
21.15- 21.45	63	269	8.51	36.35
20.85- 21.15	52	206	7.03	27.84
20.55- 20.85	33	154	4.46	20.81
20.25- 20.55	49	121	6.62	16.35
19.95- 20.25	29	72	3.92	9.73
19.65- 19.95	15	43	2.03	5.81
19.35- 19.65	17	28	2.30	3.78
19.05- 19.35	5	11	0.68	1.49
18.75- 19.05	3	6	0.41	0.81
18.45- 18.75	2	3	0.27	0.41
18.15- 18.45	0	1	0.00	0.14
17.85- 18.15	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
22.06	MEAN VALUE	8.68
0.06	SE(MEAN)	0.02
1.51	SD DEVIATION	0.60
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.73
KURTOSIS---VETA II = 5.04
COEF. OF VARIATION = 6.85

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
26.07	99TH	10.26
25.49	98TH	10.03
25.13	97TH	9.90
24.67	95TH	9.71
24.00	90TH	9.45
23.57	85TH	9.28
23.24	80TH	9.15
22.97	75TH	9.04
22.73	70TH	8.95
22.51	65TH	8.86
22.31	60TH	8.78
22.12	55TH	8.71
21.93	50TH	8.64
21.75	45TH	8.56
21.57	40TH	8.49
21.39	35TH	8.42
21.20	30TH	8.35
21.00	25TH	8.27
20.79	20TH	8.18
20.54	15TH	8.09
20.24	10TH	7.97
19.83	5TH	7.81
19.57	3RD	7.71
19.40	2RD	7.64
19.13	1ST	7.53

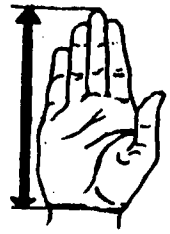
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HAND LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
21.55- 21.75	1	740	0.14	100.00
21.35- 21.55	0	739	0.00	99.86
21.15- 21.35	1	739	0.14	99.86
20.95- 21.15	2	738	0.27	99.73
20.75- 20.95	2	736	0.27	99.46
20.55- 20.75	7	734	0.95	99.19
20.35- 20.55	8	727	1.08	98.24
20.15- 20.35	11	719	1.49	97.16
19.95- 20.15	19	708	2.57	95.68
19.75- 19.95	28	689	3.78	93.11
19.55- 19.75	46	661	6.22	89.32
19.35- 19.55	36	615	4.86	83.11
19.15- 19.35	56	579	7.57	78.24
18.95- 19.15	47	523	6.35	70.68
18.75- 18.95	77	476	10.41	64.32
18.55- 18.75	71	399	9.59	53.92
18.35- 18.55	56	328	7.57	44.32
18.15- 18.35	68	272	9.19	36.76
17.95- 18.15	46	204	6.22	27.57
17.75- 17.95	49	158	6.62	21.35
17.55- 17.75	47	109	6.35	14.73
17.35- 17.55	25	62	3.38	8.38
17.15- 17.35	18	37	2.43	5.00
16.95- 17.15	10	19	1.35	2.57
16.75- 16.95	5	9	0.68	1.22
16.55- 16.75	3	4	0.41	0.54
16.35- 16.55	0	1	0.00	0.14
16.15- 16.35	0	1	0.00	0.14
15.95- 16.15	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.68	MEAN VALUE	7.35
0.03	SE(MEAN)	0.01
0.85	SD DEVIATION	0.33
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.17
KURTOSIS---VETA II = 2.87
COEF. OF VARIATION = 4.55

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

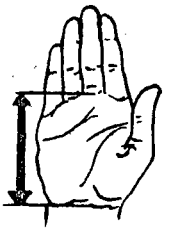
CENTIMETERS		INCHES
20.71	99TH	8.15
20.48	98TH	8.06
20.33	97TH	8.01
20.13	95TH	7.92
19.81	90TH	7.80
19.58	85TH	7.71
19.41	80TH	7.64
19.26	75TH	7.58
19.12	70TH	7.53
19.00	65TH	7.48
18.88	60TH	7.43
18.76	55TH	7.39
18.65	50TH	7.34
18.54	45TH	7.30
18.43	40TH	7.26
18.32	35TH	7.21
18.20	30TH	7.17
18.07	25TH	7.12
17.94	20TH	7.06
17.78	15TH	7.00
17.59	10TH	6.93
17.33	5TH	6.82
17.17	3RD	6.76
17.06	2RD	6.72
16.90	1ST	6.65

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
PALM LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
11.85- 11.95	1	740	0.14	100.00
11.75- 11.85	3	739	0.41	99.86
11.65- 11.75	2	736	0.27	99.46
11.55- 11.65	6	734	0.81	99.19
11.45- 11.55	8	728	1.08	98.38
11.35- 11.45	8	720	1.08	97.30
11.25- 11.35	19	712	2.57	96.22
11.15- 11.25	15	693	2.03	93.65
11.05- 11.15	21	678	2.84	91.62
10.95- 11.05	19	657	2.57	88.78
10.85- 10.95	55	638	7.43	86.22
10.75- 10.85	20	583	2.70	78.78
10.65- 10.75	43	563	5.81	76.08
10.55- 10.65	45	520	6.08	70.27
10.45- 10.55	47	475	6.35	64.19
10.35- 10.45	81	428	10.95	57.84
10.25- 10.35	79	347	10.68	46.89
10.15- 10.25	53	268	7.16	36.22
10.05- 10.15	42	215	5.68	29.05
9.95- 10.05	58	173	7.84	23.38
9.85- 9.95	27	115	3.65	15.54
9.75- 9.85	26	88	3.51	11.89
9.65- 9.75	18	62	2.43	8.38
9.55- 9.65	20	44	2.70	5.95
9.45- 9.55	9	24	1.22	3.24
9.35- 9.45	6	15	0.81	2.03
9.25- 9.35	5	9	0.68	1.22
9.15- 9.25	2	4	0.27	0.54
9.05- 9.15	1	2	0.14	0.27
8.95- 9.05	0	1	0.00	0.14
8.85- 8.95	1	1	0.14	0.14



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
10.42	MEAN VALUE	4.10
0.02	SE(MEAN)	0.01
0.50	SD DEVIATION	0.20
0.01	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.21
KURTOSIS---VETA II = 2.97
COEF. OF VARIATION = 4.77

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
11.64	99TH	4.58
11.51	98TH	4.53
11.42	97TH	4.50
11.29	95TH	4.44
11.08	90TH	4.36
10.94	85TH	4.31
10.83	80TH	4.27
10.74	75TH	4.23
10.66	70TH	4.20
10.58	65TH	4.17
10.52	60TH	4.14
10.45	55TH	4.11
10.39	50TH	4.09
10.33	45TH	4.07
10.27	40TH	4.04
10.20	35TH	4.02
10.14	30TH	3.99
10.07	25TH	3.97
10.00	20TH	3.94
9.92	15TH	3.90
9.81	10TH	3.86
9.65	5TH	3.80
9.54	3RD	3.75
9.45	2RD	3.72
9.30	1ST	3.66

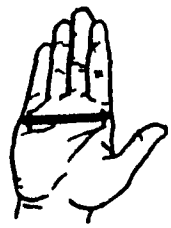
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HAND BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
10.05- 10.15	1	740	0.14	100.00
9.95- 10.05	2	739	0.27	99.86
9.85- 9.95	1	737	0.14	99.59
9.75- 9.85	2	736	0.27	99.46
9.65- 9.75	4	734	0.54	99.19
9.55- 9.65	7	730	0.95	98.65
9.45- 9.55	11	723	1.49	97.70
9.35- 9.45	16	712	2.16	96.22
9.25- 9.35	24	696	3.24	94.05
9.15- 9.25	26	672	3.51	90.81
9.05- 9.15	37	646	5.00	87.30
8.95- 9.05	75	609	10.14	82.30
8.85- 8.95	67	534	9.05	72.16
8.75- 8.85	47	467	6.35	63.11
8.65- 8.75	71	420	9.59	56.76
8.55- 8.65	55	349	7.43	47.16
8.45- 8.55	94	294	12.70	39.73
8.35- 8.45	58	200	7.84	27.03
8.25- 8.35	48	142	6.49	19.19
8.15- 8.25	28	94	3.78	12.70
8.05- 8.15	18	66	2.43	8.92
7.95- 8.05	31	48	4.19	6.49
7.85- 7.95	6	17	0.81	2.30
7.75- 7.85	7	11	0.95	1.49
7.65- 7.75	4	4	0.54	0.54



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
8.70	MEAN VALUE	3.42
0.02	SE(MEAN)	0.01
0.41	SD DEVIATION	0.16
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.21
KURTOSIS---VETA II = 3.00
COEF. OF VARIATION = 4.71

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
9.71	99TH	3.82
9.58	98TH	3.77
9.50	97TH	3.74
9.39	95TH	3.70
9.23	90TH	3.63
9.12	85TH	3.59
9.04	80TH	3.56
8.97	75TH	3.53
8.90	70TH	3.51
8.85	65TH	3.48
8.79	60TH	3.46
8.74	55TH	3.44
8.69	50TH	3.42
8.63	45TH	3.40
8.58	40TH	3.38
8.53	35TH	3.36
8.47	30TH	3.34
8.41	25TH	3.31
8.35	20TH	3.29
8.27	15TH	3.26
8.18	10TH	3.22
8.04	5TH	3.17
7.96	3RD	3.13
7.90	2RD	3.11
7.81	1ST	3.07

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

ARM REACH-UPWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
151.25-152.25	2	740	0.27	100.00
150.25-151.25	3	738	0.41	99.73
149.25-150.25	2	735	0.27	99.32
148.25-149.25	3	733	0.41	99.05
147.25-148.25	4	730	0.54	98.65
146.25-147.25	6	726	0.81	98.11
145.25-146.25	5	720	0.68	97.30
144.25-145.25	17	715	2.30	96.62
143.25-144.25	15	698	2.03	94.32
142.25-143.25	23	683	3.11	92.30
141.25-142.25	22	660	2.97	89.19
140.25-141.25	26	638	3.51	86.22
139.25-140.25	48	612	6.49	82.70
138.25-139.25	47	564	6.35	76.22
137.25-138.25	58	517	7.84	69.86
136.25-137.25	69	459	9.32	62.03
135.25-136.25	68	390	9.19	52.70
134.25-135.25	67	322	9.05	43.51
133.25-134.25	57	255	7.70	34.46
132.25-133.25	59	198	7.97	26.76
131.25-132.25	36	139	4.86	18.78
130.25-131.25	32	103	4.32	13.92
129.25-130.25	28	71	3.78	9.59
128.25-129.25	14	43	1.89	5.81
127.25-128.25	12	29	1.62	3.92
126.25-127.25	9	17	1.22	2.30
125.25-126.25	3	8	0.41	1.08
124.25-125.25	1	5	0.14	0.68
123.25-124.25	3	4	0.41	0.54
122.25-123.25	0	1	0.00	0.14
121.25-122.25	0	1	0.00	0.14
120.25-121.25	0	1	0.00	0.14
119.25-120.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
136.19	MEAN VALUE	53.62
0.17	SE(MEAN)	0.07
4.74	SD DEVIATION	1.86
0.12	SE(SD DEV)	0.05

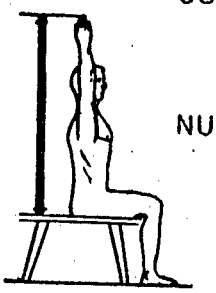
****

SYMMETRY---VETA I = 0.29
KURTOSIS---VETA II = 3.40
COEF. OF VARIATION = 3.48

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

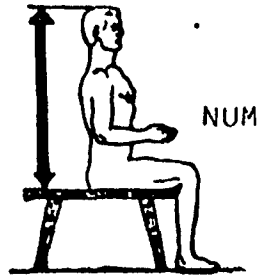
CENTIMETERS		INCHES
149.13	99TH	58.71
147.12	98TH	57.92
145.93	97TH	57.45
144.41	95TH	56.86
142.27	90TH	56.01
140.94	85TH	55.49
139.93	80TH	55.09
139.10	75TH	54.76
138.37	70TH	54.48
137.71	65TH	54.22
137.10	60TH	53.98
136.52	55TH	53.75
135.95	50TH	53.52
135.39	45TH	53.30
134.83	40TH	53.08
134.25	35TH	52.85
133.65	30TH	52.62
133.00	25TH	52.36
132.27	20TH	52.08
131.44	15TH	51.75
130.39	10TH	51.33
128.83	5TH	50.72
127.82	3RD	50.32
127.08	2RD	50.03
125.93	1ST	49.58

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SITTING HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
99.25-100.25	2	740	0.27	100.00
98.25- 99.25	1	738	0.14	99.73
97.25- 98.25	0	737	0.00	99.59
96.25- 97.25	2	737	0.27	99.59
95.25- 96.25	8	735	1.08	99.32
94.25- 95.25	19	727	2.57	98.24
93.25- 94.25	17	708	2.30	95.68
92.25- 93.25	33	691	4.46	93.38
91.25- 92.25	60	658	8.11	88.92
90.25- 91.25	73	598	9.86	80.81
89.25- 90.25	75	525	10.14	70.95
88.25- 89.25	92	450	12.43	60.81
87.25- 88.25	87	358	11.76	48.38
86.25- 87.25	89	271	12.03	36.62
85.25- 86.25	71	182	9.59	24.59
84.25- 85.25	47	111	6.35	15.00
83.25- 84.25	29	64	3.92	8.65
82.25- 83.25	13	35	1.76	4.73
81.25- 82.25	10	22	1.35	2.97
80.25- 81.25	9	12	1.22	1.62
79.25- 80.25	3	3	0.41	0.41

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
88.47	MEAN VALUE	34.83
0.12	SE(MEAN)	0.05
3.20	SD DEVIATION	1.26
0.08	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.09
KURTOSIS---VETA II = 3.21
COEF. OF VARIATION = 3.62

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

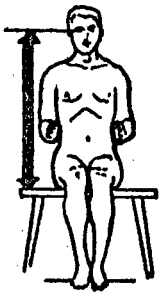
CENTIMETERS		INCHES
95.98	99TH	37.79
95.19	98TH	37.48
94.65	97TH	37.26
93.88	95TH	36.96
92.66	90TH	36.48
91.82	85TH	36.15
91.16	80TH	35.89
90.59	75TH	35.67
90.09	70TH	35.47
89.63	65TH	35.29
89.20	60TH	35.12
88.78	55TH	34.95
88.38	50TH	34.80
87.98	45TH	34.64
87.58	40TH	34.48
87.17	35TH	34.32
86.74	30TH	34.15
86.28	25TH	33.97
85.77	20TH	33.77
85.17	15TH	33.53
84.40	10TH	33.23
83.20	5TH	32.76
82.37	3RD	32.43
81.72	2RD	32.17
80.61	1ST	31.74

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

EYE HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
87.25- 88.25	2	740	0.27	100.00
86.25- 87.25	2	738	0.27	99.73
85.25- 86.25	1	736	0.14	99.46
84.25- 85.25	9	735	1.22	99.32
83.25- 84.25	14	726	1.89	98.11
82.25- 83.25	15	712	2.03	96.22
81.25- 82.25	32	697	4.32	94.19
80.25- 81.25	63	665	8.51	89.86
79.25- 80.25	72	602	9.73	81.35
78.25- 79.25	91	530	12.30	71.62
77.25- 78.25	100	439	13.51	59.32
76.25- 77.25	81	339	10.95	45.81
75.25- 76.25	83	258	11.22	34.86
74.25- 75.25	68	175	9.19	23.65
73.25- 74.25	50	107	6.76	14.46
72.25- 73.25	24	57	3.24	7.70
71.25- 72.25	15	33	2.03	4.46
70.25- 71.25	9	18	1.22	2.43
69.25- 70.25	5	9	0.68	1.22
68.25- 69.25	0	4	0.00	0.54
67.25- 68.25	3	4	0.41	0.54
66.25- 67.25	0	1	0.00	0.14
65.25- 66.25	1	1	0.14	0.14



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
77.50	MEAN VALUE	30.51
0.12	SE(MEAN)	0.05
3.13	SD DEVIATION	1.23
0.08	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = -0.02
KURTOSIS---VETA II = 3.41
COEF. OF VARIATION = 4.04

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
85.07	99TH	33.49
84.10	98TH	33.11
83.50	97TH	32.88
82.70	95TH	32.56
81.50	90TH	32.09
80.71	85TH	31.77
80.09	80TH	31.53
79.57	75TH	31.33
79.10	70TH	31.14
78.67	65TH	30.97
78.27	60TH	30.81
77.88	55TH	30.66
77.49	50TH	30.51
77.11	45TH	30.36
76.72	40TH	30.21
76.32	35TH	30.05
75.90	30TH	29.88
75.44	25TH	29.70
74.92	20TH	29.50
74.31	15TH	29.26
73.53	10TH	28.95
72.34	5TH	28.48
71.54	3RD	28.16
70.93	2RD	27.92
69.93	1ST	27.53

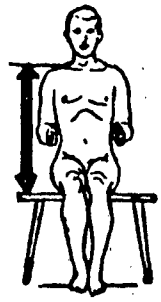
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

MID-SHOULDER HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
70.25- 70.75	1	740	0.14	100.00
69.75- 70.25	0	739	0.00	99.86
69.25- 69.75	0	739	0.00	99.86
68.75- 69.25	2	739	0.27	99.86
68.25- 68.75	2	737	0.27	99.59
67.75- 68.25	2	735	0.27	99.32
67.25- 67.75	4	733	0.54	99.05
66.75- 67.25	5	729	0.68	98.51
66.25- 66.75	7	724	0.95	97.84
65.75- 66.25	10	717	1.35	96.89
65.25- 65.75	10	707	1.35	95.54
64.75- 65.25	20	697	2.70	94.19
64.25- 64.75	16	677	2.16	91.49
63.75- 64.25	25	661	3.38	89.32
63.25- 63.75	27	636	3.65	85.95
62.75- 63.25	49	609	6.62	82.30
62.25- 62.75	41	560	5.54	75.68
61.75- 62.25	63	519	8.51	70.14
61.25- 61.75	53	456	7.16	61.62
60.75- 61.25	53	403	7.16	54.46
60.25- 60.75	43	350	5.81	47.30
59.75- 60.25	57	307	7.70	41.49
59.25- 59.75	45	250	6.08	33.78
58.75- 59.25	50	205	6.76	27.70
58.25- 58.75	34	155	4.59	20.95
57.75- 58.25	45	121	6.08	16.35
57.25- 57.75	22	76	2.97	10.27
56.75- 57.25	14	54	1.89	7.30
56.25- 56.75	12	40	1.62	5.41
55.75- 56.25	13	28	1.76	3.78
55.25- 55.75	5	15	0.68	2.03
54.75- 55.25	4	10	0.54	1.35
54.25- 54.75	2	6	0.27	0.81
53.75- 54.25	1	4	0.14	0.54
53.25- 53.75	2	3	0.27	0.41
52.75- 53.25	0	1	0.00	0.14
52.25- 52.75	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
60.94	MEAN VALUE	23.99
0.10	SE(MEAN)	0.04
2.69	SD DEVIATION	1.06
0.07	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.18
KURTOSIS---VETA II = 3.16
COEF. OF VARIATION = 4.42

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
67.74	99TH	26.67
66.83	98TH	26.31
66.27	97TH	26.09
65.53	95TH	25.80
64.43	90TH	25.37
63.71	85TH	25.08
63.16	80TH	24.87
62.69	75TH	24.68
62.27	70TH	24.52
61.90	65TH	24.37
61.54	60TH	24.23
61.20	55TH	24.09
60.86	50TH	23.96
60.53	45TH	23.83
60.20	40TH	23.70
59.86	35TH	23.57
59.50	30TH	23.42
59.11	25TH	23.27
58.68	20TH	23.10
58.19	15TH	22.91
57.57	10TH	22.67
56.66	5TH	22.31
56.07	3RD	22.07
55.64	2RD	21.90
54.96	1ST	21.64

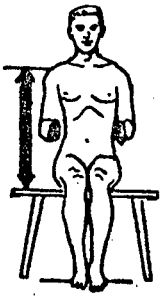
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER (ACROMION) HEIGHT SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
66.75- 67.25	2	740	0.27	100.00
66.25- 66.75	1	738	0.14	99.73
65.75- 66.25	1	737	0.14	99.59
65.25- 65.75	3	736	0.41	99.46
64.75- 65.25	2	733	0.27	99.05
64.25- 64.75	6	731	0.81	98.78
63.75- 64.25	6	725	0.81	97.97
63.25- 63.75	4	719	0.54	97.16
62.75- 63.25	19	715	2.57	96.62
62.25- 62.75	14	696	1.89	94.05
61.75- 62.25	20	682	2.70	92.16
61.25- 61.75	21	662	2.84	89.46
60.75- 61.25	26	641	3.51	86.62
60.25- 60.75	31	615	4.19	83.11
59.75- 60.25	43	584	5.81	78.92
59.25- 59.75	52	541	7.03	73.11
58.75- 59.25	64	489	8.65	66.08
58.25- 58.75	39	425	5.27	57.43
57.75- 58.25	59	386	7.97	52.16
57.25- 57.75	51	327	6.89	44.19
56.75- 57.25	51	276	6.89	37.30
56.25- 56.75	42	225	5.68	30.41
55.75- 56.25	50	183	6.76	24.73
55.25- 55.75	37	133	5.00	17.97
54.75- 55.25	29	96	3.92	12.97
54.25- 54.75	20	67	2.70	9.05
53.75- 54.25	13	47	1.76	6.35
53.25- 53.75	9	34	1.22	4.59
52.75- 53.25	10	25	1.35	3.38
52.25- 52.75	8	15	1.08	2.03
51.75- 52.25	1	7	0.14	0.95
51.25- 51.75	2	6	0.27	0.81
50.75- 51.25	2	4	0.27	0.54
50.25- 50.75	1	2	0.14	0.27
49.75- 50.25	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
58.21	MEAN VALUE	22.92
0.10	SE(MEAN)	0.04
2.74	SD DEVIATION	1.08
0.07	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.17
KURTOSIS---VETA II = 3.12
COEF. OF VARIATION = 4.71

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
65.18	99TH	25.66
64.23	98TH	25.29
63.64	97TH	25.06
62.88	95TH	24.76
61.76	90TH	24.31
61.03	85TH	24.03
60.47	80TH	23.81
59.99	75TH	23.62
59.57	70TH	23.45
59.18	65TH	23.30
58.82	60TH	23.16
58.47	55TH	23.02
58.13	50TH	22.89
57.79	45TH	22.75
57.45	40TH	22.62
57.10	35TH	22.48
56.73	30TH	22.34
56.34	25TH	22.18
55.90	20TH	22.01
55.39	15TH	21.81
54.76	10TH	21.56
53.83	5TH	21.19
53.25	3RD	20.96
52.83	2RD	20.80
52.18	1ST	20.54

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

KNEE HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
58.25- 58.75	2	740	0.27	100.00
57.75- 58.25	3	738	0.41	99.73
57.25- 57.75	5	735	0.68	99.32
56.75- 57.25	5	730	0.68	98.65
56.25- 56.75	7	725	0.95	97.97
55.75- 56.25	8	718	1.08	97.03
55.25- 55.75	18	710	2.43	95.95
54.75- 55.25	18	692	2.43	93.51
54.25- 54.75	14	674	1.89	91.08
53.75- 54.25	33	660	4.46	89.19
53.25- 53.75	42	627	5.68	84.73
52.75- 53.25	51	585	6.89	79.05
52.25- 52.75	73	534	9.86	72.16
51.75- 52.25	65	461	8.78	62.30
51.25- 51.75	72	396	9.73	53.51
50.75- 51.25	71	324	9.59	43.78
50.25- 50.75	50	253	6.76	34.19
49.75- 50.25	65	203	8.78	27.43
49.25- 49.75	46	138	6.22	18.65
48.75- 49.25	39	92	5.27	12.43
48.25- 48.75	21	53	2.84	7.16
47.75- 48.25	11	32	1.49	4.32
47.25- 47.75	8	21	1.08	2.84
46.75- 47.25	9	13	1.22	1.76
46.25- 46.75	0	4	0.00	0.54
45.75- 46.25	1	4	0.14	0.54
45.25- 45.75	2	3	0.27	0.41
44.75- 45.25	0	1	0.00	0.14
44.25- 44.75	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
51.65	MEAN VALUE	20.34
0.08	SE(MEAN)	0.03
2.17	SD DEVIATION	0.86
0.06	SE(SD DEV)	0.02

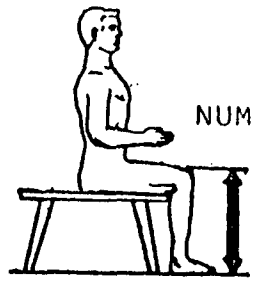
****

SYMMETRY---VETA I = 0.27
KURTOSIS---VETA II = 3.31
COEF. OF VARIATION = 4.20

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
57.59	99TH	22.67
56.71	98TH	22.33
56.18	97TH	22.12
55.49	95TH	21.85
54.50	90TH	21.46
53.87	85TH	21.21
53.40	80TH	21.02
53.00	75TH	20.87
52.66	70TH	20.73
52.35	65TH	20.61
52.07	60TH	20.50
51.80	55TH	20.39
51.53	50TH	20.29
51.27	45TH	20.19
51.02	40TH	20.08
50.75	35TH	19.98
50.48	30TH	19.87
50.18	25TH	19.76
49.85	20TH	19.63
49.48	15TH	19.48
49.00	10TH	19.29
48.29	5TH	19.01
47.82	3RD	18.83
47.46	2RD	18.69
46.89	1ST	18.46

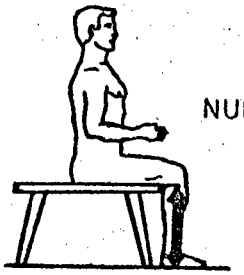
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

POPLITEAL HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
46.25- 46.75	2	740	0.27	100.00
45.75- 46.25	3	738	0.41	99.73
45.25- 45.75	0	735	0.00	99.32
44.75- 45.25	5	735	0.68	99.32
44.25- 44.75	2	730	0.27	98.65
43.75- 44.25	11	728	1.49	98.38
43.25- 43.75	13	717	1.76	96.89
42.75- 43.25	18	704	2.43	95.14
42.25- 42.75	28	686	3.78	92.70
41.75- 42.25	44	658	5.95	88.92
41.25- 41.75	58	614	7.84	82.97
40.75- 41.25	78	556	10.54	75.14
40.25- 40.75	89	478	12.03	64.59
39.75- 40.25	97	389	13.11	52.57
39.25- 39.75	82	292	11.08	39.46
38.75- 39.25	81	210	10.95	28.38
38.25- 38.75	61	129	8.24	17.43
37.75- 38.25	27	68	3.65	9.19
37.25- 37.75	14	41	1.89	5.54
36.75- 37.25	13	27	1.76	3.65
36.25- 36.75	7	14	0.95	1.89
35.75- 36.25	2	7	0.27	0.95
35.25- 35.75	3	5	0.41	0.68
34.75- 35.25	1	2	0.14	0.27
34.25- 34.75	0	1	0.00	0.14
33.75- 34.25	0	1	0.00	0.14
33.25- 33.75	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
40.23	MEAN VALUE	15.84
0.06	SE(MEAN)	0.02
1.72	SD DEVIATION	0.68
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.27
KURTOSIS---VETA II = 4.01
COEF. OF VARIATION = 4.27

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
44.97	99TH	17.70
44.21	98TH	17.41
43.76	97TH	17.23
43.20	95TH	17.01
42.40	90TH	16.69
41.91	85TH	16.50
41.55	80TH	16.36
41.25	75TH	16.24
40.99	70TH	16.14
40.76	65TH	16.05
40.55	60TH	15.96
40.35	55TH	15.89
40.15	50TH	15.81
39.96	45TH	15.73
39.77	40TH	15.66
39.57	35TH	15.58
39.36	30TH	15.50
39.14	25TH	15.41
38.88	20TH	15.31
38.58	15TH	15.19
38.19	10TH	15.04
37.58	5TH	14.79
37.15	3RD	14.62
36.81	2RD	14.49
36.24	1ST	14.27

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

ARM REACH-FORWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
96.25- 97.25	1	740	0.14	100.00
95.25- 96.25	2	739	0.27	99.86
94.25- 95.25	1	737	0.14	99.59
93.25- 94.25	3	736	0.41	99.46
92.25- 93.25	9	733	1.22	99.05
91.25- 92.25	9	724	1.22	97.84
90.25- 91.25	21	715	2.84	96.62
89.25- 90.25	34	694	4.59	93.78
88.25- 89.25	40	660	5.41	89.19
87.25- 88.25	52	620	7.03	83.78
86.25- 87.25	71	568	9.59	76.76
85.25- 86.25	90	497	12.16	67.16
84.25- 85.25	75	407	10.14	55.00
83.25- 84.25	64	332	8.65	44.86
82.25- 83.25	82	268	11.08	36.22
81.25- 82.25	62	186	8.38	25.14
80.25- 81.25	58	124	7.84	16.76
79.25- 80.25	28	66	3.78	8.92
78.25- 79.25	18	38	2.43	5.14
77.25- 78.25	12	20	1.62	2.70
76.25- 77.25	6	8	0.81	1.08
75.25- 76.25	1	2	0.14	0.27
74.25- 75.25	0	1	0.00	0.14
73.25- 74.25	0	1	0.00	0.14
72.25- 73.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
84.76	MEAN VALUE	33.37
0.13	SE(MEAN)	0.05
3.52	SD DEVIATION	1.38
0.09	SE(SD DEV)	0.04

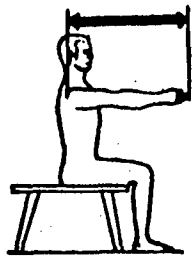
****

SYMMETRY---VETA I = 0.16
KURTOSIS---VETA II = 2.97
COEF. OF VARIATION = 4.15

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
93.24	99TH	36.71
92.25	98TH	36.32
91.62	97TH	36.07
90.75	95TH	35.73
89.39	90TH	35.19
88.48	85TH	34.83
87.75	80TH	34.55
87.13	75TH	34.30
86.57	70TH	34.08
86.06	65TH	33.88
85.58	60TH	33.69
85.11	55TH	33.51
84.65	50TH	33.33
84.20	45TH	33.15
83.74	40TH	32.97
83.28	35TH	32.79
82.79	30TH	32.60
82.27	25TH	32.39
81.70	20TH	32.17
81.05	15TH	31.91
80.25	10TH	31.59
79.10	5TH	31.14
78.40	3RD	30.86
77.89	2RD	30.67
77.13	1ST	30.37

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER-ELBOW LENGTH

THE FREQUENCY TABLES.

RANGES*	F	CUMF	FPCT	CUMPCT
40.65- 40.95	1	740	0.14	100.00
40.35- 40.65	0	739	0.00	99.86
40.05- 40.35	3	739	0.41	99.86
39.75- 40.05	1	736	0.14	99.46
39.45- 39.75	3	735	0.41	99.32
39.15- 39.45	6	732	0.81	98.92
38.85- 39.15	7	726	0.95	98.11
38.55- 38.85	6	719	0.81	97.16
38.25- 38.55	11	713	1.49	96.35
37.95- 38.25	31	702	4.19	94.86
37.65- 37.95	14	671	1.89	90.68
37.35- 37.65	30	657	4.05	88.78
37.05- 37.35	39	627	5.27	84.73
36.75- 37.05	41	588	5.54	79.46
36.45- 36.75	52	547	7.03	73.92
36.15- 36.45	51	495	6.89	66.89
35.85- 36.15	69	444	9.32	60.00
35.55- 35.85	43	375	5.81	50.68
35.25- 35.55	63	332	8.51	44.86
34.95- 35.25	59	269	7.97	36.35
34.65- 34.95	25	210	3.38	28.38
34.35- 34.65	53	185	7.16	25.00
34.05- 34.35	35	132	4.73	17.84
33.75- 34.05	21	97	2.84	13.11
33.45- 33.75	26	76	3.51	10.27
33.15- 33.45	22	50	2.97	6.76
32.85- 33.15	13	28	1.76	3.78
32.55- 32.85	2	15	0.27	2.03
32.25- 32.55	6	13	0.81	1.76
31.95- 32.25	3	7	0.41	0.95
31.65- 31.95	1	4	0.14	0.54
31.35- 31.65	1	3	0.14	0.41
31.05- 31.35	1	2	0.14	0.27
30.75- 31.05	0	1	0.00	0.14
30.45- 30.75	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
35.79	MEAN VALUE	14.09
0.06	SE(MEAN)	0.02
1.55	SD DEVIATION	0.61
0.04	SE(SD DEV)	0.02

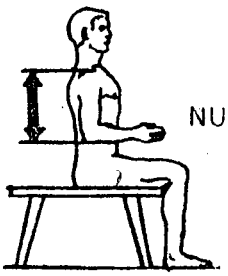
****

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 3.00
COEF. OF VARIATION = 4.34

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
39.53	99TH	15.56
39.06	98TH	15.38
38.77	97TH	15.26
38.38	95TH	15.11
37.79	90TH	14.88
37.39	85TH	14.72
37.09	80TH	14.60
36.82	75TH	14.50
36.58	70TH	14.40
36.37	65TH	14.32
36.16	60TH	14.24
35.96	55TH	14.16
35.76	50TH	14.08
35.57	45TH	14.00
35.37	40TH	13.93
35.17	35TH	13.85
34.95	30TH	13.76
34.72	25TH	13.67
34.47	20TH	13.57
34.18	15TH	13.46
33.81	10TH	13.31
33.28	5TH	13.10
32.95	3RD	12.97
32.71	2RD	12.88
32.35	1ST	12.74

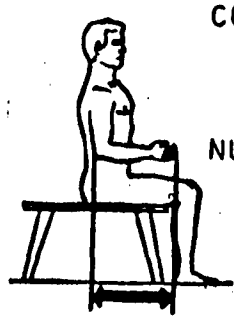
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOREARM HAND LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
51.75- 52.25	1	740	0.14	100.00
51.25- 51.75	0	739	0.00	99.86
50.75- 51.25	4	739	0.54	99.86
50.25- 50.75	8	735	1.08	99.32
49.75- 50.25	11	727	1.49	98.24
49.25- 49.75	23	716	3.11	96.76
48.75- 49.25	21	693	2.84	93.65
48.25- 48.75	32	672	4.32	90.81
47.75- 48.25	30	640	4.05	86.49
47.25- 47.75	60	610	8.11	82.43
46.75- 47.25	52	550	7.03	74.32
46.25- 46.75	84	498	11.35	67.30
45.75- 46.25	68	414	9.19	55.95
45.25- 45.75	94	346	12.70	46.76
44.75- 45.25	63	252	8.51	34.05
44.25- 44.75	71	189	9.59	25.54
43.75- 44.25	40	118	5.41	15.95
43.25- 43.75	31	78	4.19	10.54
42.75- 43.25	24	47	3.24	6.35
42.25- 42.75	13	23	1.76	3.11
41.75- 42.25	5	10	0.68	1.35
41.25- 41.75	4	5	0.54	0.68
40.75- 41.25	0	1	0.00	0.14
40.25- 40.75	0	1	0.00	0.14
39.75- 40.25	0	1	0.00	0.14
39.25- 39.75	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
46.04	MEAN VALUE	18.13
0.07	SE(MEAN)	0.03
1.89	SD DEVIATION	0.74
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.21
KURTOSIS---VETA II = 2.94
COEF. OF VARIATION = 4.10

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

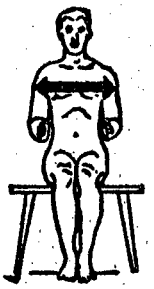
CENTIMETERS		INCHES
50.63	99TH	19.93
50.17	98TH	19.75
49.84	97TH	19.62
49.37	95TH	19.44
48.61	90TH	19.14
48.08	85TH	18.93
47.66	80TH	18.76
47.31	75TH	18.62
46.99	70TH	18.50
46.70	65TH	18.39
46.44	60TH	18.28
46.18	55TH	18.18
45.94	50TH	18.09
45.70	45TH	17.99
45.46	40TH	17.90
45.22	35TH	17.80
44.97	30TH	17.71
44.71	25TH	17.60
44.43	20TH	17.49
44.11	15TH	17.37
43.71	10TH	17.21
43.13	5TH	16.98
42.74	3RD	16.83
42.44	2RD	16.71
41.95	1ST	16.51

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SHOULDER BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
50.75- 51.25	2	740	0.27	100.00
50.25- 50.75	2	738	0.27	99.73
49.75- 50.25	1	736	0.14	99.46
49.25- 49.75	2	735	0.27	99.32
48.75- 49.25	3	733	0.41	99.05
48.25- 48.75	2	730	0.27	98.65
47.75- 48.25	10	728	1.35	98.38
47.25- 47.75	14	718	1.89	97.03
46.75- 47.25	16	704	2.16	95.14
46.25- 46.75	16	688	2.16	92.97
45.75- 46.25	20	672	2.70	90.81
45.25- 45.75	32	652	4.32	88.11
44.75- 45.25	35	620	4.73	83.78
44.25- 44.75	72	585	9.73	79.05
43.75- 44.25	55	513	7.43	69.32
43.25- 43.75	61	458	8.24	61.89
42.75- 43.25	69	397	9.32	53.65
42.25- 42.75	78	328	10.54	44.32
41.75- 42.25	46	250	6.22	33.78
41.25- 41.75	73	204	9.86	27.57
40.75- 41.25	40	131	5.41	17.70
40.25- 40.75	28	91	3.78	12.30
39.75- 40.25	27	63	3.65	8.51
39.25- 39.75	16	36	2.16	4.86
38.75- 39.25	9	20	1.22	2.70
38.25- 38.75	10	11	1.35	1.49
37.75- 38.25	0	1	0.00	0.14
37.25- 37.75	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
43.20	MEAN VALUE	17.01
0.08	SE(MEAN)	0.03
2.21	SD DEVIATION	0.87
0.06	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.41
KURTOSIS---VETA II = 3.30
COEF. OF VARIATION = 5.12

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
49.14	99TH	19.35
48.26	98TH	19.00
47.73	97TH	18.79
47.05	95TH	18.52
46.07	90TH	18.14
45.44	85TH	17.89
44.97	80TH	17.71
44.57	75TH	17.55
44.23	70TH	17.41
43.91	65TH	17.29
43.62	60TH	17.17
43.34	55TH	17.06
43.07	50TH	16.96
42.80	45TH	16.85
42.53	40TH	16.75
42.26	35TH	16.64
41.97	30TH	16.53
41.67	25TH	16.40
41.33	20TH	16.27
40.94	15TH	16.12
40.46	10TH	15.93
39.77	5TH	15.66
39.33	3RD	15.48
39.01	2RD	15.36
38.53	1ST	15.17

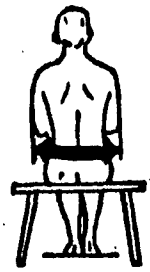
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ELBOW-TO-ELBOW BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
56.25- 57.25	1	740	0.14	100.00
55.25- 56.25	1	739	0.14	99.86
54.25- 55.25	1	738	0.14	99.73
53.25- 54.25	3	737	0.41	99.59
52.25- 53.25	6	734	0.81	99.19
51.25- 52.25	4	728	0.54	98.38
50.25- 51.25	6	724	0.81	97.84
49.25- 50.25	13	718	1.76	97.03
48.25- 49.25	15	705	2.03	95.27
47.25- 48.25	21	690	2.84	93.24
46.25- 47.25	36	669	4.86	90.41
45.25- 46.25	47	633	6.35	85.54
44.25- 45.25	56	586	7.57	79.19
43.25- 44.25	77	530	10.41	71.62
42.25- 43.25	96	453	12.97	61.22
41.25- 42.25	88	357	11.89	48.24
40.25- 41.25	82	269	11.08	36.35
39.25- 40.25	79	187	10.68	25.27
38.25- 39.25	60	108	8.11	14.59
37.25- 38.25	32	48	4.32	6.49
36.25- 37.25	11	16	1.49	2.16
35.25- 36.25	4	5	0.54	0.68
34.25- 35.25	0	1	0.00	0.14
33.25- 34.25	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
42.70	MEAN VALUE	16.81
0.13	SE(MEAN)	0.05
3.43	SD DEVIATION	1.35
0.09	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = 0.77
KURTOSIS---VETA II = 3.90
COEF. OF VARIATION = 8.03

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
53.08	99TH	20.90
51.36	98TH	20.22
50.35	97TH	19.82
49.07	95TH	19.32
47.27	90TH	18.61
46.17	85TH	18.18
45.36	80TH	17.86
44.70	75TH	17.60
44.13	70TH	17.37
43.62	65TH	17.17
43.16	60TH	16.99
42.72	55TH	16.82
42.31	50TH	16.66
41.91	45TH	16.50
41.51	40TH	16.34
41.12	35TH	16.19
40.71	30TH	16.03
40.29	25TH	15.86
39.83	20TH	15.68
39.33	15TH	15.48
38.72	10TH	15.24
37.88	5TH	14.92
37.39	3RD	14.72
37.05	2RD	14.59
36.55	1ST	14.39

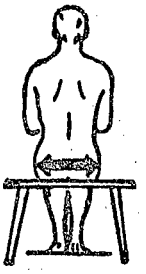
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HIP BREADTH-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
40.25- 40.75	1	740	0.14	100.00
39.75- 40.25	0	739	0.00	99.86
39.25- 39.75	1	739	0.14	99.86
38.75- 39.25	3	738	0.41	99.73
38.25- 38.75	4	735	0.54	99.32
37.75- 38.25	2	731	0.27	98.78
37.25- 37.75	12	729	1.62	98.51
36.75- 37.25	9	717	1.22	96.89
36.25- 36.75	17	708	2.30	95.68
35.75- 36.25	19	691	2.57	93.38
35.25- 35.75	55	672	7.43	90.81
34.75- 35.25	44	617	5.95	83.38
34.25- 34.75	74	573	10.00	77.43
33.75- 34.25	63	499	8.51	67.43
33.25- 33.75	85	436	11.49	58.92
32.75- 33.25	77	351	10.41	47.43
32.25- 32.75	100	274	13.51	37.03
31.75- 32.25	48	174	6.49	23.51
31.25- 31.75	48	126	6.49	17.03
30.75- 31.25	31	78	4.19	10.54
30.25- 30.75	32	47	4.32	6.35
29.75- 30.25	9	15	1.22	2.03
29.25- 29.75	4	6	0.54	0.81
28.75- 29.25	1	2	0.14	0.27
28.25- 28.75	1	1	0.14	0.14



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.46	MEAN VALUE	13.17
0.07	SE(MEAN)	0.03
1.79	SD DEVIATION	0.71
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.36
KURTOSIS---VETA II = 3.24
COEF. OF VARIATION = 5.35

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
38.44	99TH	15.13
37.65	98TH	14.82
37.19	97TH	14.64
36.62	95TH	14.42
35.81	90TH	14.10
35.31	85TH	13.90
34.93	80TH	13.75
34.61	75TH	13.63
34.33	70TH	13.52
34.08	65TH	13.42
33.84	60TH	13.32
33.61	55TH	13.23
33.39	50TH	13.14
33.16	45TH	13.06
32.94	40TH	12.97
32.71	35TH	12.88
32.47	30TH	12.78
32.21	25TH	12.68
31.93	20TH	12.57
31.61	15TH	12.44
31.21	10TH	12.29
30.67	5TH	12.08
30.35	3RD	11.95
30.15	2RD	11.87
29.87	1ST	11.76

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BUTTOCK-KNEE LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
64.25- 64.75	1	740	0.14	100.00
63.75- 64.25	0	739	0.00	99.86
63.25- 63.75	1	739	0.14	99.86
62.75- 63.25	1	738	0.14	99.73
62.25- 62.75	1	737	0.14	99.59
61.75- 62.25	1	736	0.14	99.46
61.25- 61.75	2	735	0.27	99.32
60.75- 61.25	1	733	0.14	99.05
60.25- 60.75	9	732	1.22	98.92
59.75- 60.25	6	723	0.81	97.70
59.25- 59.75	17	717	2.30	96.89
58.75- 59.25	17	700	2.30	94.59
58.25- 58.75	33	683	4.46	92.30
57.75- 58.25	25	650	3.38	87.84
57.25- 57.75	56	625	7.57	84.46
56.75- 57.25	43	569	5.81	76.89
56.25- 56.75	51	526	6.89	71.08
55.75- 56.25	44	475	5.95	64.19
55.25- 55.75	87	431	11.76	58.24
54.75- 55.25	53	344	7.16	46.49
54.25- 54.75	69	291	9.32	39.32
53.75- 54.25	43	222	5.81	30.00
53.25- 53.75	67	179	9.05	24.19
52.75- 53.25	29	112	3.92	15.14
52.25- 52.75	42	83	5.68	11.22
51.75- 52.25	18	41	2.43	5.54
51.25- 51.75	10	23	1.35	3.11
50.75- 51.25	7	13	0.95	1.76
50.25- 50.75	3	6	0.41	0.81
49.75- 50.25	0	3	0.00	0.41
49.25- 49.75	2	3	0.27	0.41
48.75- 49.25	0	1	0.00	0.14
48.25- 48.75	0	1	0.00	0.14
47.75- 48.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
55.50	MEAN VALUE	21.85
0.08	SE(MEAN)	0.03
2.27	SD DEVIATION	0.89
0.06	SE(SD DEV)	0.02

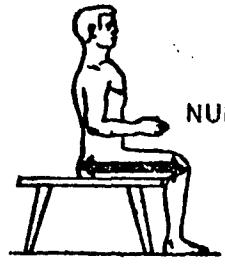
****

SYMMETRY---VETA I = 0.29
KURTOSIS---VETA II = 3.24
COEF. OF VARIATION = 4.08

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
60.99	99TH	24.01
60.36	98TH	23.76
59.94	97TH	23.60
59.37	95TH	23.37
58.47	90TH	23.02
57.87	85TH	22.78
57.39	80TH	22.59
56.98	75TH	22.43
56.62	70TH	22.29
56.28	65TH	22.16
55.97	60TH	22.04
55.68	55TH	21.92
55.39	50TH	21.81
55.10	45TH	21.69
54.82	40TH	21.58
54.53	35TH	21.47
54.23	30TH	21.35
53.91	25TH	21.23
53.57	20TH	21.09
53.18	15TH	20.94
52.71	10TH	20.75
52.05	5TH	20.49
51.64	3RD	20.33
51.35	2RD	20.22
50.90	1ST	20.04

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BUTTOCK-POPLITEAL LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
52.25- 52.75	1	740	0.14	100.00
51.75- 52.25	3	739	0.41	99.86
51.25- 51.75	1	736	0.14	99.46
50.75- 51.25	0	735	0.00	99.32
50.25- 50.75	1	735	0.14	99.32
49.75- 50.25	3	734	0.41	99.19
49.25- 49.75	12	731	1.62	98.78
48.75- 49.25	13	719	1.76	97.16
48.25- 48.75	28	706	3.78	95.41
47.75- 48.25	24	678	3.24	91.62
47.25- 47.75	55	654	7.43	88.38
46.75- 47.25	39	599	5.27	80.95
46.25- 46.75	51	560	6.89	75.68
45.75- 46.25	82	509	11.08	68.78
45.25- 45.75	72	427	9.73	57.70
44.75- 45.25	68	355	9.19	47.97
44.25- 44.75	65	287	8.78	38.78
43.75- 44.25	55	222	7.43	30.00
43.25- 43.75	57	167	7.70	22.57
42.75- 43.25	50	110	6.76	14.86
42.25- 42.75	30	60	4.05	8.11
41.75- 42.25	15	30	2.03	4.05
41.25- 41.75	6	15	0.81	2.03
40.75- 41.25	3	9	0.41	1.22
40.25- 40.75	3	6	0.41	0.81
39.75- 40.25	1	3	0.14	0.41
39.25- 39.75	2	2	0.27	0.27

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
45.38	MEAN VALUE	17.87
0.07	SE(MEAN)	0.03
1.99	SD DEVIATION	0.78
0.05	SE(SD DEV)	0.02

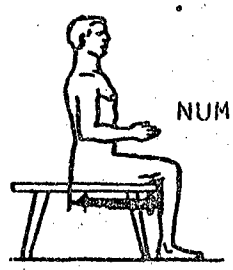
****

SYMMETRY---VETA I = 0.22
KURTOSIS---VETA II = 3.11
COEF. OF VARIATION = 4.39

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
49.96	99TH	19.67
49.53	98TH	19.50
49.22	97TH	19.38
48.77	95TH	19.20
48.02	90TH	18.91
47.50	85TH	18.70
47.08	80TH	18.53
46.71	75TH	18.39
46.39	70TH	18.26
46.10	65TH	18.15
45.82	60TH	18.04
45.55	55TH	17.93
45.30	50TH	17.83
45.04	45TH	17.73
44.79	40TH	17.63
44.53	35TH	17.53
44.27	30TH	17.43
43.99	25TH	17.32
43.69	20TH	17.20
43.34	15TH	17.06
42.92	10TH	16.90
42.30	5TH	16.65
41.90	3RD	16.50
41.60	2RD	16.38
41.12	1ST	16.19

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BACK-WAIST LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
56.75- 57.25	2	740	0.27	100.00
56.25- 56.75	1	738	0.14	99.73
55.75- 56.25	2	737	0.27	99.59
55.25- 55.75	1	735	0.14	99.32
54.75- 55.25	4	734	0.54	99.19
54.25- 54.75	2	730	0.27	98.65
53.75- 54.25	5	728	0.68	98.38
53.25- 53.75	2	723	0.27	97.70
52.75- 53.25	9	721	1.22	97.43
52.25- 52.75	16	712	2.16	96.22
51.75- 52.25	23	696	3.11	94.05
51.25- 51.75	14	673	1.89	90.95
50.75- 51.25	23	659	3.11	89.05
50.25- 50.75	10	636	1.35	85.95
49.75- 50.25	62	626	8.38	84.59
49.25- 49.75	26	564	3.51	76.22
48.75- 49.25	43	538	5.81	72.70
48.25- 48.75	43	495	5.81	66.89
47.75- 48.25	48	452	6.49	61.08
47.25- 47.75	33	404	4.46	54.59
46.75- 47.25	41	371	5.54	50.14
46.25- 46.75	51	330	6.89	44.59
45.75- 46.25	47	279	6.35	37.70
45.25- 45.75	33	232	4.46	31.35
44.75- 45.25	31	199	4.19	26.89
44.25- 44.75	34	168	4.59	22.70
43.75- 44.25	39	134	5.27	18.11
43.25- 43.75	20	95	2.70	12.84
42.75- 43.25	18	75	2.43	10.14
42.25- 42.75	16	57	2.16	7.70
41.75- 42.25	17	41	2.30	5.54
41.25- 41.75	7	24	0.95	3.24
40.75- 41.25	9	17	1.22	2.30
40.25- 40.75	5	8	0.68	1.08
39.75- 40.25	1	3	0.14	0.41
39.25- 39.75	1	2	0.14	0.27
38.75- 39.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
47.30	MEAN VALUE	18.62
0.12	SE(MEAN)	0.05
3.15	SD DEVIATION	1.24
0.08	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.13
KURTOSIS---VETA II = 2.77
COEF. OF VARIATION = 6.67

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
55.00	99TH	21.65
53.93	98TH	21.23
53.30	97TH	20.98
52.50	95TH	20.67
51.33	90TH	20.21
50.56	85TH	19.91
49.96	80TH	19.67
49.44	75TH	19.47
48.97	70TH	19.28
48.54	65TH	19.11
48.12	60TH	18.94
47.71	55TH	18.78
47.30	50TH	18.62
46.89	45TH	18.46
46.48	40TH	18.30
46.04	35TH	18.13
45.59	30TH	17.95
45.09	25TH	17.75
44.54	20TH	17.54
43.91	15TH	17.29
43.15	10TH	16.99
42.11	5TH	16.58
41.53	3RD	16.35
41.17	2RD	16.21
40.73	1ST	16.03

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
19.35- 19.55	2	740	0.27	100.00
19.15- 19.35	0	738	0.00	99.73
18.95- 19.15	11	738	1.49	99.73
18.75- 18.95	4	727	0.54	98.24
18.55- 18.75	4	723	0.54	97.70
18.35- 18.55	27	719	3.65	97.16
18.15- 18.35	9	692	1.22	93.51
17.95- 18.15	47	683	6.35	92.30
17.75- 17.95	9	636	1.22	85.95
17.55- 17.75	10	627	1.35	84.73
17.35- 17.55	35	617	4.73	83.38
17.15- 17.35	11	582	1.49	78.65
16.95- 17.15	89	571	12.03	77.16
16.75- 16.95	23	482	3.11	65.14
16.55- 16.75	14	459	1.89	62.03
16.35- 16.55	70	445	9.46	60.14
16.15- 16.35	22	375	2.97	50.68
15.95- 16.15	81	353	10.95	47.70
15.75- 15.95	17	272	2.30	36.76
15.55- 15.75	21	255	2.84	34.46
15.35- 15.55	43	234	5.81	31.62
15.15- 15.35	38	191	5.14	25.81
14.95- 15.15	81	153	10.95	20.68
14.75- 14.95	12	72	1.62	9.73
14.55- 14.75	11	60	1.49	8.11
14.35- 14.55	26	49	3.51	6.62
14.15- 14.35	11	23	1.49	3.11
13.95- 14.15	11	12	1.49	1.62
13.75- 13.95	0	1	0.00	0.14
13.55- 13.75	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
16.34	MEAN VALUE	6.43
0.04	SE(MEAN)	0.02
1.20	SD DEVIATION	0.47
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.23
KURTOSIS---VETA II = 2.31
COEF. OF VARIATION = 7.34

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
19.01	99TH	7.48
18.83	98TH	7.41
18.68	97TH	7.36
18.45	95TH	7.26
18.02	90TH	7.10
17.70	85TH	6.97
17.44	80TH	6.87
17.21	75TH	6.78
17.00	70TH	6.69
16.80	65TH	6.62
16.62	60TH	6.54
16.45	55TH	6.47
16.27	50TH	6.41
16.11	45TH	6.34
15.94	40TH	6.28
15.77	35TH	6.21
15.60	30TH	6.14
15.42	25TH	6.07
15.23	20TH	6.00
15.02	15TH	5.91
14.79	10TH	5.82
14.48	5TH	5.70
14.32	3RD	5.64
14.22	2RD	5.60
14.08	1ST	5.54

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

INTERSCYE BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
49.75- 50.25	1	740	0.14	100.00
49.25- 49.75	0	739	0.00	99.86
48.75- 49.25	0	739	0.00	99.86
48.25- 48.75	0	739	0.00	99.86
47.75- 48.25	0	739	0.00	99.86
47.25- 47.75	2	739	0.27	99.86
46.75- 47.25	1	737	0.14	99.59
46.25- 46.75	2	736	0.27	99.46
45.75- 46.25	3	734	0.41	99.19
45.25- 45.75	1	731	0.14	98.78
44.75- 45.25	1	730	0.14	98.65
44.25- 44.75	4	729	0.54	98.51
43.75- 44.25	6	725	0.81	97.97
43.25- 43.75	14	719	1.89	97.16
42.75- 43.25	13	705	1.76	95.27
42.25- 42.75	17	692	2.30	93.51
41.75- 42.25	21	675	2.84	91.22
41.25- 41.75	28	654	3.78	88.38
40.75- 41.25	28	626	3.78	84.59
40.25- 40.75	20	598	2.70	80.81
39.75- 40.25	101	578	13.65	78.11
39.25- 39.75	48	477	6.49	64.46
38.75- 39.25	48	429	6.49	57.97
38.25- 38.75	49	381	6.62	51.49
37.75- 38.25	53	332	7.16	44.86
37.25- 37.75	42	279	5.68	37.70
36.75- 37.25	52	237	7.03	32.03
36.25- 36.75	37	185	5.00	25.00
35.75- 36.25	34	148	4.59	20.00
35.25- 35.75	24	114	3.24	15.41
34.75- 35.25	21	90	2.84	12.16
34.25- 34.75	22	69	2.97	9.32
33.75- 34.25	16	47	2.16	6.35
33.25- 33.75	7	31	0.95	4.19
32.75- 33.25	8	24	1.08	3.24
32.25- 32.75	5	16	0.68	2.16
31.75- 32.25	5	11	0.68	1.49
31.25- 31.75	1	6	0.14	0.81
30.75- 31.25	2	5	0.27	0.68
30.25- 30.75	0	3	0.00	0.41
29.75- 30.25	3	3	0.41	0.41

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
38.53	MEAN VALUE	15.17
0.10	SE(MEAN)	0.04
2.81	SD DEVIATION	1.11
0.07	SE(SD DEV)	0.03

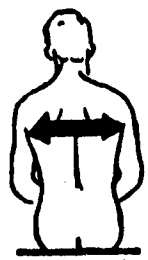
****

SYMMETRY---VETA I = 0.07
KURTOSIS---VETA II = 3.52
COEF. OF VARIATION = 7.31

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
45.83	99TH	18.04
44.55	98TH	17.54
43.85	97TH	17.26
43.01	95TH	16.93
41.90	90TH	16.50
41.24	85TH	16.23
40.74	80TH	16.04
40.32	75TH	15.87
39.95	70TH	15.73
39.60	65TH	15.59
39.28	60TH	15.46
38.95	55TH	15.34
38.63	50TH	15.21
38.29	45TH	15.08
37.95	40TH	14.94
37.59	35TH	14.80
37.20	30TH	14.64
36.76	25TH	14.47
36.26	20TH	14.28
35.68	15TH	14.05
34.92	10TH	13.75
33.80	5TH	13.31
33.11	3RD	13.04
32.63	2RD	12.85
31.94	1ST	12.58

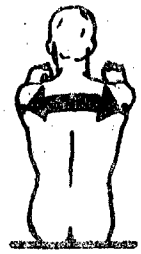
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

• • • • • • • •

INTERSCYE MAXIMUM

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
71.25- 72.25	1	740	0.14	100.00
70.25- 71.25	0	739	0.00	99.86
69.25- 70.25	0	739	0.00	99.86
68.25- 69.25	0	739	0.00	99.86
67.25- 68.25	1	739	0.14	99.86
66.25- 67.25	2	738	0.27	99.73
65.25- 66.25	0	736	0.00	99.46
64.25- 65.25	5	736	0.68	99.46
63.25- 64.25	8	731	1.08	98.78
62.25- 63.25	5	723	0.68	97.70
61.25- 62.25	14	718	1.89	97.03
60.25- 61.25	18	704	2.43	95.14
59.25- 60.25	38	686	5.14	92.70
58.25- 59.25	66	648	8.92	87.57
57.25- 58.25	85	582	11.49	78.65
56.25- 57.25	78	497	10.54	67.16
55.25- 56.25	88	419	11.89	56.62
54.25- 55.25	90	331	12.16	44.73
53.25- 54.25	78	241	10.54	32.57
52.25- 53.25	52	163	7.03	22.03
51.25- 52.25	44	111	5.95	15.00
50.25- 51.25	38	67	5.14	9.05
49.25- 50.25	18	29	2.43	3.92
48.25- 49.25	3	11	0.41	1.49
47.25- 48.25	4	8	0.54	1.08
46.25- 47.25	2	4	0.27	0.54
45.25- 46.25	0	2	0.00	0.27
44.25- 45.25	2	2	0.27	0.27



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
55.81	MEAN VALUE	21.97
0.12	SE(MEAN)	0.05
3.35	SD DEVIATION	1.32
0.09	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.28
KURTOSIS---VETA II = 3.93
COEF. OF VARIATION = 6.00

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
64.64	99TH	25.45
63.19	98TH	24.88
62.37	97TH	24.55
61.34	95TH	24.15
59.91	90TH	23.59
59.04	85TH	23.24
58.38	80TH	22.98
57.83	75TH	22.77
57.35	70TH	22.58
56.90	65TH	22.40
56.49	60TH	22.24
56.09	55TH	22.08
55.69	50TH	21.93
55.30	45TH	21.77
54.90	40TH	21.61
54.48	35TH	21.45
54.04	30TH	21.27
53.56	25TH	21.08
53.01	20TH	20.87
52.38	15TH	20.62
51.59	10TH	20.31
50.42	5TH	19.85
49.68	3RD	19.56
49.15	2RD	19.35
48.38	1ST	19.05

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

SLEEVE INSEAM

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
54.25- 54.75	1	740	0.14	100.00
53.75- 54.25	0	739	0.00	99.86
53.25- 53.75	2	739	0.27	99.86
52.75- 53.25	0	737	0.00	99.59
52.25- 52.75	0	737	0.00	99.59
51.75- 52.25	7	737	0.95	99.59
51.25- 51.75	9	730	1.22	98.65
50.75- 51.25	11	721	1.49	97.43
50.25- 50.75	11	710	1.49	95.95
49.75- 50.25	29	699	3.92	94.46
49.25- 49.75	17	670	2.30	90.54
48.75- 49.25	39	653	5.27	88.24
48.25- 48.75	39	614	5.27	82.97
47.75- 48.25	56	575	7.57	77.70
47.25- 47.75	55	519	7.43	70.14
46.75- 47.25	56	464	7.57	62.70
46.25- 46.75	77	408	10.41	55.14
45.75- 46.25	75	331	10.14	44.73
45.25- 45.75	59	256	7.97	34.59
44.75- 45.25	51	197	6.89	26.62
44.25- 44.75	39	146	5.27	19.73
43.75- 44.25	33	107	4.46	14.46
43.25- 43.75	25	74	3.38	10.00
42.75- 43.25	20	49	2.70	6.62
42.25- 42.75	9	29	1.22	3.92
41.75- 42.25	8	20	1.08	2.70
41.25- 41.75	5	12	0.68	1.62
40.75- 41.25	5	7	0.68	0.95
40.25- 40.75	0	2	0.00	0.27
39.75- 40.25	1	2	0.14	0.27
39.25- 39.75	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
46.59	MEAN VALUE	18.34
0.08	SE(MEAN)	0.03
2.26	SD DEVIATION	0.89
0.06	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.10
KURTOSIS---VETA II = 3.13
COEF. OF VARIATION = 4.85

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
52.01	99TH	20.48
51.42	98TH	20.24
51.02	97TH	20.09
50.46	95TH	19.87
49.58	90TH	19.52
48.97	85TH	19.28
48.50	80TH	19.09
48.10	75TH	18.94
47.74	70TH	18.80
47.42	65TH	18.67
47.11	60TH	18.55
46.82	55TH	18.43
46.54	50TH	18.32
46.26	45TH	18.21
45.98	40TH	18.10
45.70	35TH	17.99
45.40	30TH	17.87
45.08	25TH	17.75
44.73	20TH	17.61
44.32	15TH	17.45
43.79	10TH	17.24
42.98	5TH	16.92
42.41	3RD	16.70
41.97	2RD	16.52
41.22	1ST	16.23

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SLEEVE LENGTH (SPINE TO WRIST)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
93.25- 94.25	1	740	0.14	100.00
92.25- 93.25	2	739	0.27	99.86
91.25- 92.25	0	737	0.00	99.59
90.25- 91.25	1	737	0.14	99.59
89.25- 90.25	8	736	1.08	99.46
88.25- 89.25	8	728	1.08	98.38
87.25- 88.25	10	720	1.35	97.30
86.25- 87.25	25	710	3.38	95.95
85.25- 86.25	26	685	3.51	92.57
84.25- 85.25	50	659	6.76	89.05
83.25- 84.25	72	609	9.73	82.30
82.25- 83.25	78	537	10.54	72.57
81.25- 82.25	89	459	12.03	62.03
80.25- 81.25	79	370	10.68	50.00
79.25- 80.25	110	291	14.86	39.32
78.25- 79.25	59	181	7.97	24.46
77.25- 78.25	39	122	5.27	16.49
76.25- 77.25	37	83	5.00	11.22
75.25- 76.25	21	46	2.84	6.22
74.25- 75.25	12	25	1.62	3.38
73.25- 74.25	7	13	0.95	1.76
72.25- 73.25	4	6	0.54	0.81
71.25- 72.25	1	2	0.14	0.27
70.25- 71.25	0	1	0.00	0.14
69.25- 70.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
81.38	MEAN VALUE	32.04
0.12	SE(MEAN)	0.05
3.37	SD DEVIATION	1.33
0.09	SE(SD DEV)	0.03

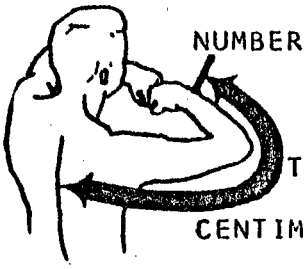
****

SYMMETRY---VETA I = 0.16
KURTOSIS---VETA II = 3.43
COEF. OF VARIATION = 4.14

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
89.95	99TH	35.42
88.71	98TH	34.93
87.97	97TH	34.63
87.00	95TH	34.25
85.60	90TH	33.70
84.71	85TH	33.35
84.03	80TH	33.08
83.46	75TH	32.86
82.96	70TH	32.66
82.50	65TH	32.48
82.07	60TH	32.31
81.66	55TH	32.15
81.26	50TH	31.99
80.85	45TH	31.83
80.45	40TH	31.67
80.03	35TH	31.51
79.58	30TH	31.33
79.10	25TH	31.14
78.56	20TH	30.93
77.93	15TH	30.68
77.12	10TH	30.36
75.88	5TH	29.87
75.05	3RD	29.55
74.42	2RD	29.30
73.40	1ST	28.90

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
61.35- 61.65	1	740	0.14	100.00
61.05- 61.35	0	739	0.00	99.86
60.75- 61.05	0	739	0.00	99.86
60.45- 60.75	0	739	0.00	99.86
60.15- 60.45	0	739	0.00	99.86
59.85- 60.15	1	739	0.14	99.86
59.55- 59.85	0	738	0.00	99.73
59.25- 59.55	4	738	0.54	99.73
58.95- 59.25	5	734	0.68	99.19
58.65- 58.95	0	729	0.00	98.51
58.35- 58.65	14	729	1.89	98.51
58.05- 58.35	0	715	0.00	96.62
57.75- 58.05	34	715	4.59	96.62
57.45- 57.75	36	681	4.86	92.03
57.15- 57.45	1	645	0.14	87.16
56.85- 57.15	67	644	9.05	87.03
56.55- 56.85	4	577	0.54	77.97
56.25- 56.55	83	573	11.22	77.43
55.95- 56.25	85	490	11.49	66.22
55.65- 55.95	8	405	1.08	54.73
55.35- 55.65	70	397	9.46	53.65
55.05- 55.35	6	327	0.81	44.19
54.75- 55.05	102	321	13.78	43.38
54.45- 54.75	72	219	9.73	29.59
54.15- 54.45	3	147	0.41	19.86
53.85- 54.15	73	144	9.86	19.46
53.55- 53.85	1	71	0.14	9.59
53.25- 53.55	30	70	4.05	9.46
52.95- 53.25	20	40	2.70	5.41
52.65- 52.95	0	20	0.00	2.70
52.35- 52.65	11	20	1.49	2.70
52.05- 52.35	0	9	0.00	1.22
51.75- 52.05	4	9	0.54	1.22
51.45- 51.75	2	5	0.27	0.68
51.15- 51.45	0	3	0.00	0.41
50.85- 51.15	3	3	0.41	0.41

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
55.58	MEAN VALUE	21.88
0.06	SE(MEAN)	0.02
1.51	SD DEVIATION	0.59
0.04	SE(SD DEV)	0.02

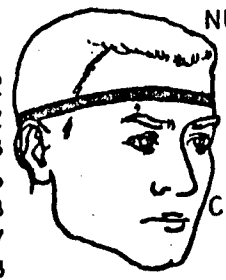
****

SYMMETRY---VETA I = 0.05
KURTOSIS---VETA II = 3.10
COEF. OF VARIATION = 2.71

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
59.05	99TH	23.25
58.68	98TH	23.10
58.43	97TH	23.00
58.08	95TH	22.87
57.52	90TH	22.64
57.13	85TH	22.49
56.83	80TH	22.37
56.57	75TH	22.27
56.34	70TH	22.18
56.13	65TH	22.10
55.94	60TH	22.02
55.75	55TH	21.95
55.57	50TH	21.88
55.39	45TH	21.81
55.20	40TH	21.73
55.02	35TH	21.66
54.83	30TH	21.58
54.62	25TH	21.50
54.38	20TH	21.41
54.11	15TH	21.30
53.76	10TH	21.17
53.21	5TH	20.95
52.83	3RD	20.80
52.53	2RD	20.68
52.01	1ST	20.47

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

NECK CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
44.75- 45.25	1	740	0.14	100.00
44.25- 44.75	0	739	0.00	99.86
43.75- 44.25	2	739	0.27	99.86
43.25- 43.75	0	737	0.00	99.59
42.75- 43.25	0	737	0.00	99.59
42.25- 42.75	2	737	0.27	99.59
41.75- 42.25	2	735	0.27	99.32
41.25- 41.75	4	733	0.54	99.05
40.75- 41.25	6	729	0.81	98.51
40.25- 40.75	9	723	1.22	97.70
39.75- 40.25	27	714	3.65	96.49
39.25- 39.75	20	687	2.70	92.84
38.75- 39.25	45	667	6.08	90.14
38.25- 38.75	34	622	4.59	84.05
37.75- 38.25	70	588	9.46	79.46
37.25- 37.75	58	518	7.84	70.00
36.75- 37.25	88	460	11.89	62.16
36.25- 36.75	78	372	10.54	50.27
35.75- 36.25	90	294	12.16	39.73
35.25- 35.75	69	204	9.32	27.57
34.75- 35.25	54	135	7.30	18.24
34.25- 34.75	31	81	4.19	10.95
33.75- 34.25	32	50	4.32	6.76
33.25- 33.75	9	18	1.22	2.43
32.75- 33.25	6	9	0.81	1.22
32.25- 32.75	1	3	0.14	0.41
31.75- 32.25	2	2	0.27	0.27

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
36.87	MEAN VALUE	14.51
0.07	SE(MEAN)	0.03
1.84	SD DEVIATION	0.72
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.50
KURTOSIS---VETA II = 3.69
COEF. OF VARIATION = 4.98

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
41.63	99TH	16.39
40.97	98TH	16.13
40.57	97TH	15.97
40.03	95TH	15.76
39.23	90TH	15.45
38.72	85TH	15.24
38.33	80TH	15.09
38.00	75TH	14.96
37.71	70TH	14.84
37.44	65TH	14.74
37.20	60TH	14.64
36.97	55TH	14.55
36.74	50TH	14.46
36.52	45TH	14.38
36.30	40TH	14.29
36.07	35TH	14.20
35.84	30TH	14.11
35.59	25TH	14.01
35.32	20TH	13.91
35.02	15TH	13.79
34.64	10TH	13.64
34.10	5TH	13.43
33.77	3RD	13.29
33.53	2RD	13.20
33.16	1ST	13.05

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
142.25-143.75	1	740	0.14	100.00
140.75-142.25	0	739	0.00	99.86
139.25-140.75	0	739	0.00	99.86
137.75-139.25	1	739	0.14	99.86
136.25-137.75	1	738	0.14	99.73
134.75-136.25	0	737	0.00	99.59
133.25-134.75	1	737	0.14	99.59
131.75-133.25	1	736	0.14	99.46
130.25-131.75	1	735	0.14	99.32
128.75-130.25	1	734	0.14	99.19
127.25-128.75	6	733	0.81	99.05
125.75-127.25	2	727	0.27	98.24
124.25-125.75	8	725	1.08	97.97
122.75-124.25	6	717	0.81	96.89
121.25-122.75	12	711	1.62	96.08
119.75-121.25	16	699	2.16	94.46
118.25-119.75	22	683	2.97	92.30
116.75-118.25	22	661	2.97	89.32
115.25-116.75	38	639	5.14	86.35
113.75-115.25	48	601	6.49	81.22
112.25-113.75	52	553	7.03	74.73
110.75-112.25	78	501	10.54	67.70
109.25-110.75	83	423	11.22	57.16
107.75-109.25	75	340	10.14	45.95
106.25-107.75	80	265	10.81	35.81
104.75-106.25	58	185	7.84	25.00
103.25-104.75	41	127	5.54	17.16
101.75-103.25	41	86	5.54	11.62
100.25-101.75	25	45	3.38	6.08
98.75-100.25	13	20	1.76	2.70
97.25- 98.75	4	7	0.54	0.95
95.75- 97.25	1	3	0.14	0.41
94.25- 95.75	2	2	0.27	0.27

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
110.41	MEAN VALUE	43.47
0.23	SE(MEAN)	0.09
6.31	SD DEVIATION	2.48
0.16	SE(SD DEV)	0.06

****

SYMMETRY---VETA I = 0.90
KURTOSIS---VETA II = 4.97
COEF. OF VARIATION = 5.72

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
128.93	99TH	50.76
125.81	98TH	49.53
123.99	97TH	48.81
121.68	95TH	47.91
118.50	90TH	46.65
116.55	85TH	45.89
115.12	80TH	45.32
113.94	75TH	44.86
112.93	70TH	44.46
112.04	65TH	44.11
111.21	60TH	43.78
110.44	55TH	43.48
109.70	50TH	43.19
108.98	45TH	42.90
108.27	40TH	42.62
107.55	35TH	42.34
106.81	30TH	42.05
106.03	25TH	41.74
105.18	20TH	41.41
104.22	15TH	41.03
103.06	10TH	40.57
101.42	5TH	39.93
100.41	3RD	39.53
99.70	2RD	39.25
98.65	1ST	38.84

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CHEST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
120.75-122.25	1	740	0.14	100.00
119.25-120.75	0	739	0.00	99.86
117.75-119.25	0	739	0.00	99.86
116.25-117.75	1	739	0.14	99.86
114.75-116.25	0	738	0.00	99.73
113.25-114.75	1	738	0.14	99.73
111.75-113.25	0	737	0.00	99.59
110.25-111.75	0	737	0.00	99.59
108.75-110.25	0	737	0.00	99.59
107.25-108.75	3	737	0.41	99.59
105.75-107.25	4	734	0.54	99.19
104.25-105.75	3	730	0.41	98.65
102.75-104.25	5	727	0.68	98.24
101.25-102.75	15	722	2.03	97.57
99.75-101.25	14	707	1.89	95.54
98.25- 99.75	23	693	3.11	93.65
96.75- 98.25	28	670	3.78	90.54
95.25- 96.75	34	642	4.59	86.76
93.75- 95.25	79	608	10.68	82.16
92.25- 93.75	77	529	10.41	71.49
90.75- 92.25	69	452	9.32	61.08
89.25- 90.75	87	383	11.76	51.76
87.75- 89.25	96	296	12.97	40.00
86.25- 87.75	71	200	9.59	27.03
84.75- 86.25	63	129	8.51	17.43
83.25- 84.75	28	66	3.78	8.92
81.75- 83.25	24	38	3.24	5.14
80.25- 81.75	10	14	1.35	1.89
78.75- 80.25	3	4	0.41	0.54
77.25- 78.75	0	1	0.00	0.14
75.75- 77.25	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
91.12	MEAN VALUE	35.87
0.20	SE(MEAN)	0.08
5.38	SD DEVIATION	2.12
0.14	SE(SD DEV)	0.06

****

SYMMETRY---VETA I = 0.85
KURTOSIS---VETA II = 5.13
COEF. OF VARIATION = 5.91

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
106.57	99TH	41.96
103.97	98TH	40.93
102.45	97TH	40.34
100.56	95TH	39.59
97.94	90TH	38.56
96.35	85TH	37.93
95.17	80TH	37.47
94.19	75TH	37.08
93.36	70TH	36.75
92.61	65TH	36.46
91.91	60TH	36.19
91.26	55TH	35.93
90.63	50TH	35.68
90.01	45TH	35.44
89.39	40TH	35.19
88.76	35TH	34.95
88.11	30TH	34.69
87.42	25TH	34.42
86.66	20TH	34.12
85.80	15TH	33.78
84.74	10TH	33.36
83.25	5TH	32.78
82.34	3RD	32.42
81.71	2RD	32.17
80.79	1ST	31.81

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

WAIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
109.25-110.75	1	740	0.14	100.00
107.75-109.25	1	739	0.14	99.86
106.25-107.75	0	738	0.00	99.73
104.75-106.25	0	738	0.00	99.73
103.25-104.75	0	738	0.00	99.73
101.75-103.25	2	738	0.27	99.73
100.25-101.75	2	736	0.27	99.46
98.75-100.25	4	734	0.54	99.19
97.25- 98.75	1	730	0.14	98.65
95.75- 97.25	3	729	0.41	98.51
94.25- 95.75	7	726	0.95	98.11
92.75- 94.25	10	719	1.35	97.16
91.25- 92.75	5	709	0.68	95.81
89.75- 91.25	11	704	1.49	95.14
88.25- 89.75	13	693	1.76	93.65
86.75- 88.25	15	680	2.03	91.89
85.25- 86.75	18	665	2.43	89.86
83.75- 85.25	30	647	4.05	87.43
82.25- 83.75	31	617	4.19	83.38
80.75- 82.25	58	586	7.84	79.19
79.25- 80.75	51	528	6.89	71.35
77.75- 79.25	72	477	9.73	64.46
76.25- 77.75	76	405	10.27	54.73
74.75- 76.25	81	329	10.95	44.46
73.25- 74.75	66	248	8.92	33.51
71.75- 73.25	55	182	7.43	24.59
70.25- 71.75	45	127	6.08	17.16
68.75- 70.25	41	82	5.54	11.08
67.25- 68.75	18	41	2.43	5.54
65.75- 67.25	13	23	1.76	3.11
64.25- 65.75	7	10	0.95	1.35
62.75- 64.25	3	3	0.41	0.41



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
77.91	MEAN VALUE	30.67
0.25	SE(MEAN)	0.10
6.90	SD DEVIATION	2.72
0.18	SE(SD DEV)	0.07

****

SYMMETRY---VETA I = 0.95
KURTOSIS---VETA II = 4.62
COEF. OF VARIATION = 8.86

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
99.87	99TH	39.32
95.88	98TH	37.75
93.58	97TH	36.84
90.72	95TH	35.72
86.86	90TH	34.20
84.56	85TH	33.29
82.91	80TH	32.64
81.58	75TH	32.12
80.46	70TH	31.68
79.48	65TH	31.29
78.59	60TH	30.94
77.77	55TH	30.62
76.99	50TH	30.31
76.23	45TH	30.01
75.50	40TH	29.72
74.76	35TH	29.43
74.00	30TH	29.13
73.21	25TH	28.82
72.34	20TH	28.48
71.36	15TH	28.09
70.15	10TH	27.62
68.38	5TH	26.92
67.24	3RD	26.47
66.39	2RD	26.14
65.06	1ST	25.61

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HIP CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
112.25-113.25	1	740	0.14	100.00
111.25-112.25	0	739	0.00	99.86
110.25-111.25	0	739	0.00	99.86
109.25-110.25	1	739	0.14	99.86
108.25-109.25	0	738	0.00	99.73
107.25-108.25	0	738	0.00	99.73
106.25-107.25	3	738	0.41	99.73
105.25-106.25	6	735	0.81	99.32
104.25-105.25	3	729	0.41	98.51
103.25-104.25	4	726	0.54	98.11
102.25-103.25	4	722	0.54	97.57
101.25-102.25	11	718	1.49	97.03
100.25-101.25	3	707	0.41	95.54
99.25-100.25	18	704	2.43	95.14
98.25- 99.25	16	686	2.16	92.70
97.25- 98.25	19	670	2.57	90.54
96.25- 97.25	27	651	3.65	87.97
95.25- 96.25	35	624	4.73	84.32
94.25- 95.25	47	589	6.35	79.59
93.25- 94.25	52	542	7.03	73.24
92.25- 93.25	68	490	9.19	66.22
91.25- 92.25	48	422	6.49	57.03
90.25- 91.25	54	374	7.30	50.54
89.25- 90.25	67	320	9.05	43.24
88.25- 89.25	56	253	7.57	34.19
87.25- 88.25	50	197	6.76	26.62
86.25- 87.25	40	147	5.41	19.86
85.25- 86.25	29	107	3.92	14.46
84.25- 85.25	35	78	4.73	10.54
83.25- 84.25	20	43	2.70	5.81
82.25- 83.25	10	23	1.35	3.11
81.25- 82.25	7	13	0.95	1.76
80.25- 81.25	2	6	0.27	0.81
79.25- 80.25	3	4	0.41	0.54
78.25- 79.25	0	1	0.00	0.14
77.25- 78.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
91.62	MEAN VALUE	36.07
0.19	SE(MEAN)	0.07
5.07	SD DEVIATION	1.99
0.13	SE(SD DEV)	0.05

****

SYMMETRY---VETA I = 0.50
KURTOSIS---VETA II = 3.54
COEF. OF VARIATION = 5.53

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
106.05	99TH	41.75
103.61	98TH	40.79
102.21	97TH	40.24
100.45	95TH	39.55
98.03	90TH	38.59
96.55	85TH	38.01
95.46	80TH	37.58
94.55	75TH	37.22
93.76	70TH	36.91
93.05	65TH	36.63
92.39	60TH	36.37
91.77	55TH	36.13
91.16	50TH	35.89
90.56	45TH	35.65
89.96	40TH	35.42
89.34	35TH	35.17
88.70	30TH	34.92
88.02	25TH	34.65
87.26	20TH	34.36
86.41	15TH	34.02
85.35	10TH	33.60
83.88	5TH	33.02
82.99	3RD	32.67
82.39	2RD	32.44
81.55	1ST	32.11

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

VERTICAL TRUNCK CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
192.75-194.25	1	740	0.14	100.00
191.25-192.75	0	739	0.00	99.86
189.75-191.25	0	739	0.00	99.86
188.25-189.75	0	739	0.00	99.86
186.75-188.25	0	739	0.00	99.86
185.25-186.75	0	739	0.00	99.86
183.75-185.25	0	739	0.00	99.86
182.25-183.75	0	739	0.00	99.86
180.75-182.25	1	739	0.14	99.86
179.25-180.75	1	738	0.14	99.73
177.75-179.25	0	737	0.00	99.59
176.25-177.75	1	737	0.14	99.59
174.75-176.25	2	736	0.27	99.46
173.25-174.75	0	734	0.00	99.19
171.75-173.25	4	734	0.54	99.19
170.25-171.75	5	730	0.68	98.65
168.75-170.25	12	725	1.62	97.97
167.25-168.75	12	713	1.62	96.35
165.75-167.25	13	701	1.76	94.73
164.25-165.75	12	688	1.62	92.97
162.75-164.25	19	676	2.57	91.35
161.25-162.75	18	657	2.43	88.78
159.75-161.25	48	639	6.49	86.35
158.25-159.75	54	591	7.30	79.86
156.75-158.25	48	537	6.49	72.57
155.25-156.75	55	489	7.43	66.08
153.75-155.25	67	434	9.05	58.65
152.25-153.75	62	367	8.38	49.59
150.75-152.25	66	305	8.92	41.22
149.25-150.75	57	239	7.70	32.30
147.75-149.25	51	182	6.89	24.59
146.25-147.75	39	131	5.27	17.70
144.75-146.25	40	92	5.41	12.43
143.25-144.75	24	52	3.24	7.03
141.75-143.25	14	28	1.89	3.78
140.25-141.75	7	14	0.95	1.89
138.75-140.25	6	7	0.81	0.95
137.25-138.75	0	1	0.00	0.14
135.75-137.25	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
154.29	MEAN VALUE	60.75
0.26	SE(MEAN)	0.10
7.12	SD DEVIATION	2.80
0.18	SE(SD DEV)	0.07

****

SYMMETRY---VETA I = 0.66
KURTOSIS---VETA II = 4.28
COEF. OF VARIATION = 4.61

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
172.93	99TH	68.08
170.49	98TH	67.12
168.94	97TH	66.51
166.85	95TH	65.69
163.70	90TH	64.45
161.63	85TH	63.63
160.05	80TH	63.01
158.71	75TH	62.48
157.54	70TH	62.02
156.48	65TH	61.61
155.51	60TH	61.22
154.58	55TH	60.86
153.69	50TH	60.51
152.82	45TH	60.17
151.97	40TH	59.83
151.10	35TH	59.49
150.22	30TH	59.14
149.28	25TH	58.77
148.27	20TH	58.38
147.15	15TH	57.93
145.77	10TH	57.39
143.83	5TH	56.63
142.62	3RD	56.15
141.73	2RD	55.80
140.35	1ST	55.26

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

ARMSCYE CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
53.25- 54.25	2	740	0.27	100.00
52.25- 53.25	2	738	0.27	99.73
51.25- 52.25	4	736	0.54	99.46
50.25- 51.25	2	732	0.27	98.92
49.25- 50.25	9	730	1.22	98.65
48.25- 49.25	13	721	1.76	97.43
47.25- 48.25	16	708	2.16	95.68
46.25- 47.25	26	692	3.51	93.51
45.25- 46.25	34	666	4.59	90.00
44.25- 45.25	50	632	6.76	85.41
43.25- 44.25	61	582	8.24	78.65
42.25- 43.25	97	521	13.11	70.41
41.25- 42.25	113	424	15.27	57.30
40.25- 41.25	106	311	14.32	42.03
39.25- 40.25	83	205	11.22	27.70
38.25- 39.25	56	122	7.57	16.49
37.25- 38.25	32	66	4.32	8.92
36.25- 37.25	24	34	3.24	4.59
35.25- 36.25	7	10	0.95	1.35
34.25- 35.25	3	3	0.41	0.41



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
42.28	MEAN VALUE	16.64
0.11	SE(MEAN)	0.05
3.11	SD DEVIATION	1.23
0.08	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.64
KURTOSIS---VETA II = 3.74
COEF. OF VARIATION = 7.37

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
51.42	99TH	20.24
49.85	98TH	19.63
48.93	97TH	19.26
47.77	95TH	18.81
46.16	90TH	18.17
45.19	85TH	17.79
44.47	80TH	17.51
43.88	75TH	17.27
43.38	70TH	17.08
42.93	65TH	16.90
42.52	60TH	16.74
42.14	55TH	16.59
41.77	50TH	16.44
41.41	45TH	16.30
41.06	40TH	16.16
40.70	35TH	16.02
40.33	30TH	15.88
39.93	25TH	15.72
39.50	20TH	15.55
39.00	15TH	15.36
38.39	10TH	15.11
37.48	5TH	14.76
36.89	3RD	14.52
36.46	2RD	14.35
35.77	1ST	14.08

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

UPPER ARM CIRCUMFERENCE, RELAXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
38.25- 38.75	1	740	0.14	100.00
37.75- 38.25	0	739	0.00	99.86
37.25- 37.75	0	739	0.00	99.86
36.75- 37.25	0	739	0.00	99.86
36.25- 36.75	0	739	0.00	99.86
35.75- 36.25	0	739	0.00	99.86
35.25- 35.75	0	739	0.00	99.86
34.75- 35.25	0	739	0.00	99.86
34.25- 34.75	1	739	0.14	99.86
33.75- 34.25	1	738	0.14	99.73
33.25- 33.75	2	737	0.27	99.59
32.75- 33.25	5	735	0.68	99.32
32.25- 32.75	2	730	0.27	98.65
31.75- 32.25	8	728	1.08	98.38
31.25- 31.75	3	720	0.41	97.30
30.75- 31.25	18	717	2.43	96.89
30.25- 30.75	11	699	1.49	94.46
29.75- 30.25	32	688	4.32	92.97
29.25- 29.75	9	656	1.22	88.65
28.75- 29.25	45	647	6.08	87.43
28.25- 28.75	24	602	3.24	81.35
27.75- 28.25	84	578	11.35	78.11
27.25- 27.75	47	494	6.35	66.76
26.75- 27.25	94	447	12.70	60.41
26.25- 26.75	27	353	3.65	47.70
25.75- 26.25	93	326	12.57	44.05
25.25- 25.75	50	233	6.76	31.49
24.75- 25.25	69	183	9.32	24.73
24.25- 24.75	21	114	2.84	15.41
23.75- 24.25	48	93	6.49	12.57
23.25- 23.75	17	45	2.30	6.08
22.75- 23.25	17	28	2.30	3.78
22.25- 22.75	4	11	0.54	1.49
21.75- 22.25	4	7	0.54	0.95
21.25- 21.75	1	3	0.14	0.41
20.75- 21.25	1	2	0.14	0.27
20.25- 20.75	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
26.87	MEAN VALUE	10.58
0.08	SE(MEAN)	0.03
2.24	SD DEVIATION	0.88
0.06	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.53
KURTOSIS---VETA II = 3.98
COEF. OF VARIATION = 8.34

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
32.99	99TH	12.99
32.06	98TH	12.62
31.50	97TH	12.40
30.79	95TH	12.12
29.76	90TH	11.72
29.12	85TH	11.46
28.63	80TH	11.27
28.22	75TH	11.11
27.87	70TH	10.97
27.55	65TH	10.85
27.25	60TH	10.73
26.97	55TH	10.62
26.70	50TH	10.51
26.43	45TH	10.41
26.17	40TH	10.30
25.90	35TH	10.20
25.61	30TH	10.08
25.32	25TH	9.97
24.99	20TH	9.84
24.61	15TH	9.69
24.15	10TH	9.51
23.50	5TH	9.25
23.08	3RD	9.09
22.79	2RD	8.97
22.34	1ST	8.80

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BICEPS CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
40.25- 40.75	1	740	0.14	100.00
39.75- 40.25	0	739	0.00	99.86
39.25- 39.75	0	739	0.00	99.86
38.75- 39.25	0	739	0.00	99.86
38.25- 38.75	0	739	0.00	99.86
37.75- 38.25	1	739	0.14	99.86
37.25- 37.75	0	738	0.00	99.73
36.75- 37.25	2	738	0.27	99.73
36.25- 36.75	2	736	0.27	99.46
35.75- 36.25	5	734	0.68	99.19
35.25- 35.75	2	729	0.27	98.51
34.75- 35.25	12	727	1.62	98.24
34.25- 34.75	3	715	0.41	96.62
33.75- 34.25	14	712	1.89	96.22
33.25- 33.75	8	698	1.08	94.32
32.75- 33.25	34	690	4.59	93.24
32.25- 32.75	6	656	0.81	88.65
31.75- 32.25	34	650	4.59	87.84
31.25- 31.75	14	616	1.89	83.24
30.75- 31.25	70	602	9.46	81.35
30.25- 30.75	27	532	3.65	71.89
29.75- 30.25	104	505	14.05	68.24
29.25- 29.75	28	401	3.78	54.19
28.75- 29.25	87	373	11.76	50.41
28.25- 28.75	33	286	4.46	38.65
27.75- 28.25	90	253	12.16	34.19
27.25- 27.75	31	163	4.19	22.03
26.75- 27.25	60	132	8.11	17.84
26.25- 26.75	16	72	2.16	9.73
25.75- 26.25	24	56	3.24	7.57
25.25- 25.75	9	32	1.22	4.32
24.75- 25.25	18	23	2.43	3.11
24.25- 24.75	2	5	0.27	0.68
23.75- 24.25	0	3	0.00	0.41
23.25- 23.75	3	3	0.41	0.41

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
29.51	MEAN VALUE	11.62
0.09	SE(MEAN)	0.04
2.42	SD DEVIATION	0.95
0.06	SE(SD DEV)	0.02

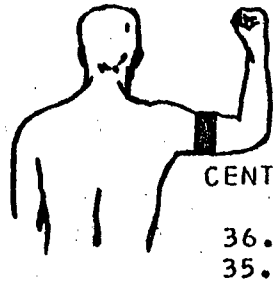
****

SYMMETRY---VETA I = 0.56
KURTOSIS---VETA II = 3.69
COEF. OF VARIATION = 8.21

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
36.21	99TH	14.26
35.24	98TH	13.87
34.65	97TH	13.64
33.87	95TH	13.33
32.73	90TH	12.88
32.00	85TH	12.60
31.45	80TH	12.38
30.99	75TH	12.20
30.59	70TH	12.04
30.23	65TH	11.90
29.90	60TH	11.77
29.59	55TH	11.65
29.29	50TH	11.53
29.00	45TH	11.42
28.71	40TH	11.30
28.42	35TH	11.19
28.12	30TH	11.07
27.80	25TH	10.94
27.46	20TH	10.81
27.07	15TH	10.66
26.59	10TH	10.47
25.90	5TH	10.20
25.46	3RD	10.02
25.14	2RD	9.90
24.63	1ST	9.70

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOREARM CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
33.75- 34.05	1	740	0.14	100.00
33.45- 33.75	0	739	0.00	99.86
33.15- 33.45	0	739	0.00	99.86
32.85- 33.15	0	739	0.00	99.86
32.55- 32.85	0	739	0.00	99.86
32.25- 32.55	0	739	0.00	99.86
31.95- 32.25	8	739	1.08	99.86
31.65- 31.95	0	731	0.00	98.78
31.35- 31.65	2	731	0.27	98.78
31.05- 31.35	0	729	0.00	98.51
30.75- 31.05	12	729	1.62	98.51
30.45- 30.75	3	717	0.41	96.89
30.15- 30.45	1	714	0.14	96.49
29.85- 30.15	40	713	5.41	96.35
29.55- 29.85	0	673	0.00	90.95
29.25- 29.55	9	673	1.22	90.95
28.95- 29.25	74	664	10.00	89.73
28.65- 28.95	1	590	0.14	79.73
28.35- 28.65	23	589	3.11	79.59
28.05- 28.35	5	566	0.68	76.49
27.75- 28.05	90	561	12.16	75.81
27.45- 27.75	35	471	4.73	63.65
27.15- 27.45	9	436	1.22	58.92
26.85- 27.15	135	427	18.24	57.70
26.55- 26.85	8	292	1.08	39.46
26.25- 26.55	37	284	5.00	38.38
25.95- 26.25	87	247	11.76	33.38
25.65- 25.95	1	160	0.14	21.62
25.35- 25.65	25	159	3.38	21.49
25.05- 25.35	10	134	1.35	18.11
24.75- 25.05	53	124	7.16	16.76
24.45- 24.75	19	71	2.57	9.59
24.15- 24.45	5	52	0.68	7.03
23.85- 24.15	23	47	3.11	6.35
23.55- 23.85	0	24	0.00	3.24
23.25- 23.55	7	24	0.95	3.24
22.95- 23.25	13	17	1.76	2.30
22.65- 22.95	0	4	0.00	0.54
22.35- 22.65	1	4	0.14	0.54
22.05- 22.35	1	3	0.14	0.41
21.75- 22.05	2	2	0.27	0.27

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
27.09	MEAN VALUE	10.67
0.07	SE(MEAN)	0.03
1.85	SD DEVIATION	0.73
0.05	SE(SD DEV)	0.02

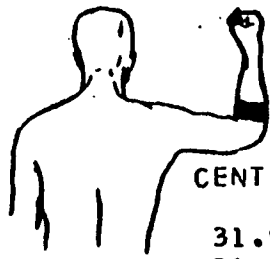
****

SYMMETRY---VETA I = 0.12
KURTOSIS---VETA II = 3.10
COEF. OF VARIATION = 6.84

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
31.95	99TH	12.58
31.13	98TH	12.25
30.67	97TH	12.08
30.12	95TH	11.86
29.38	90TH	11.57
28.92	85TH	11.39
28.58	80TH	11.25
28.29	75TH	11.14
28.03	70TH	11.04
27.79	65TH	10.94
27.56	60TH	10.85
27.34	55TH	10.76
27.11	50TH	10.67
26.88	45TH	10.58
26.65	40TH	10.49
26.40	35TH	10.39
26.14	30TH	10.29
25.85	25TH	10.18
25.52	20TH	10.05
25.14	15TH	9.90
24.66	10TH	9.71
23.97	5TH	9.44
23.57	3RD	9.28
23.30	2RD	9.17
22.94	1ST	9.03

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

WRIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
19.95- 20.15	2	740	0.27	100.00
19.75- 19.95	0	738	0.00	99.73
19.55- 19.75	0	738	0.00	99.73
19.35- 19.55	0	738	0.00	99.73
19.15- 19.35	1	738	0.14	99.73
18.95- 19.15	26	737	3.51	99.59
18.75- 18.95	0	711	0.00	96.08
18.55- 18.75	1	711	0.14	96.08
18.35- 18.55	8	710	1.08	95.95
18.15- 18.35	4	702	0.54	94.86
17.95- 18.15	69	698	9.32	94.32
17.75- 17.95	2	629	0.27	85.00
17.55- 17.75	13	627	1.76	84.73
17.35- 17.55	50	614	6.76	82.97
17.15- 17.35	24	564	3.24	76.22
16.95- 17.15	172	540	23.24	72.97
16.75- 16.95	15	368	2.03	49.73
16.55- 16.75	12	353	1.62	47.70
16.35- 16.55	92	341	12.43	46.08
16.15- 16.35	32	249	4.32	33.65
15.95- 16.15	122	217	16.49	29.32
15.75- 15.95	6	95	0.81	12.84
15.55- 15.75	11	89	1.49	12.03
15.35- 15.55	35	78	4.73	10.54
15.15- 15.35	16	43	2.16	5.81
14.95- 15.15	22	27	2.97	3.65
14.75- 14.95	1	5	0.14	0.68
14.55- 14.75	1	4	0.14	0.54
14.35- 14.55	1	3	0.14	0.41
14.15- 14.35	0	2	0.00	0.27
13.95- 14.15	2	2	0.27	0.27

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
16.77	MEAN VALUE	6.60
0.03	SE(MEAN)	0.01
0.94	SD DEVIATION	0.37
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.32
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 5.59

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
19.27	99TH	7.58
18.96	98TH	7.46
18.76	97TH	7.39
18.49	95TH	7.28
18.08	90TH	7.12
17.81	85TH	7.01
17.60	80TH	6.93
17.42	75TH	6.86
17.26	70TH	6.80
17.12	65TH	6.74
16.99	60TH	6.69
16.86	55TH	6.64
16.73	50TH	6.59
16.61	45TH	6.54
16.49	40TH	6.49
16.37	35TH	6.44
16.24	30TH	6.40
16.11	25TH	6.34
15.97	20TH	6.29
15.81	15TH	6.22
15.61	10TH	6.15
15.34	5TH	6.04
15.18	3RD	5.98
15.06	2RD	5.93
14.89	1ST	5.86

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HAND CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
24.95- 25.15	1	740	0.14	100.00
24.75- 24.95	0	739	0.00	99.86
24.55- 24.75	0	739	0.00	99.86
24.35- 24.55	0	739	0.00	99.86
24.15- 24.35	1	739	0.14	99.86
23.95- 24.15	6	738	0.81	99.73
23.75- 23.95	0	732	0.00	98.92
23.55- 23.75	0	732	0.00	98.92
23.35- 23.55	3	732	0.41	98.92
23.15- 23.35	0	729	0.00	98.51
22.95- 23.15	30	729	4.05	98.51
22.75- 22.95	0	699	0.00	94.46
22.55- 22.75	1	699	0.14	94.46
22.35- 22.55	26	698	3.51	94.32
22.15- 22.35	10	672	1.35	90.81
21.95- 22.15	114	662	15.41	89.46
21.75- 21.95	3	548	0.41	74.05
21.55- 21.75	7	545	0.95	73.65
21.35- 21.55	65	538	8.78	72.70
21.15- 21.35	15	473	2.03	63.92
20.95- 21.15	209	458	28.24	61.89
20.75- 20.95	4	249	0.54	33.65
20.55- 20.75	10	245	1.35	33.11
20.35- 20.55	68	235	9.19	31.76
20.15- 20.35	9	167	1.22	22.57
19.95- 20.15	105	158	14.19	21.35
19.75- 19.95	3	53	0.41	7.16
19.55- 19.75	7	50	0.95	6.76
19.35- 19.55	18	43	2.43	5.81
19.15- 19.35	7	25	0.95	3.38
18.95- 19.15	14	18	1.89	2.43
18.75- 18.95	0	4	0.00	0.54
18.55- 18.75	1	4	0.14	0.54
18.35- 18.55	2	3	0.27	0.41
18.15- 18.35	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
21.08	MEAN VALUE	8.30
0.04	SE(MEAN)	0.01
0.98	SD DEVIATION	0.39
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.27
KURTOSIS---VETA II = 3.34
COEF. OF VARIATION = 4.67

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
23.85	99TH	9.39
23.37	98TH	9.20
23.10	97TH	9.09
22.78	95TH	8.97
22.35	90TH	8.80
22.09	85TH	8.70
21.89	80TH	8.62
21.73	75TH	8.56
21.59	70TH	8.50
21.46	65TH	8.45
21.34	60TH	8.40
21.22	55TH	8.35
21.10	50TH	8.31
20.98	45TH	8.26
20.86	40TH	8.21
20.73	35TH	8.16
20.59	30TH	8.11
20.44	25TH	8.05
20.28	20TH	7.98
20.08	15TH	7.91
19.84	10TH	7.81
19.49	5TH	7.67
19.29	3RD	7.59
19.15	2RD	7.54
18.97	1ST	7.47

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CROTCH-THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
65.25- 66.25	3	740	0.41	100.00
64.25- 65.25	4	737	0.54	99.59
63.25- 64.25	5	733	0.68	99.05
62.25- 63.25	3	728	0.41	98.38
61.25- 62.25	7	725	0.95	97.97
60.25- 61.25	10	718	1.35	97.03
59.25- 60.25	17	708	2.30	95.68
58.25- 59.25	20	691	2.70	93.38
57.25- 58.25	39	671	5.27	90.68
56.25- 57.25	43	632	5.81	85.41
55.25- 56.25	33	589	4.46	79.59
54.25- 55.25	60	556	8.11	75.14
53.25- 54.25	68	496	9.19	67.03
52.25- 53.25	82	428	11.08	57.84
51.25- 52.25	84	346	11.35	46.76
50.25- 51.25	67	262	9.05	35.41
49.25- 50.25	67	195	9.05	26.35
48.25- 49.25	37	128	5.00	17.30
47.25- 48.25	36	91	4.86	12.30
46.25- 47.25	28	55	3.78	7.43
45.25- 46.25	10	27	1.35	3.65
44.25- 45.25	9	17	1.22	2.30
43.25- 44.25	5	8	0.68	1.08
42.25- 43.25	2	3	0.27	0.41
41.25- 42.25	0	1	0.00	0.14
40.25- 41.25	0	1	0.00	0.14
39.25- 40.25	0	1	0.00	0.14
38.25- 39.25	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
53.06	MEAN VALUE	20.89
0.15	SE(MEAN)	0.06
4.09	SD DEVIATION	1.61
0.11	SE(SD DEV)	0.04

****

SYMMETRY---VETA I = 0.35
KURTOSIS---VETA II = 3.35
COEF. OF VARIATION = 7.70

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
64.09	99TH	25.23
62.36	98TH	24.55
61.33	97TH	24.15
60.01	95TH	23.63
58.13	90TH	22.89
56.95	85TH	22.42
56.07	80TH	22.07
55.33	75TH	21.78
54.69	70TH	21.53
54.12	65TH	21.31
53.59	60TH	21.10
53.08	55TH	20.90
52.59	50TH	20.71
52.11	45TH	20.51
51.63	40TH	20.33
51.13	35TH	20.13
50.62	30TH	19.93
50.07	25TH	19.71
49.46	20TH	19.47
48.77	15TH	19.20
47.88	10TH	18.85
46.58	5TH	18.34
45.73	3RD	18.00
45.10	2RD	17.75
44.09	1ST	17.36

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
LOWER THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
46.75- 47.25	2	740	0.27	100.00
46.25- 46.75	0	738	0.00	99.73
45.75- 46.25	1	738	0.14	99.73
45.25- 45.75	0	737	0.00	99.59
44.75- 45.25	0	737	0.00	99.59
44.25- 44.75	2	737	0.27	99.59
43.75- 44.25	3	735	0.41	99.32
43.25- 43.75	1	732	0.14	98.92
42.75- 43.25	6	731	0.81	98.78
42.25- 42.75	2	725	0.27	97.97
41.75- 42.25	20	723	2.70	97.70
41.25- 41.75	4	703	0.54	95.00
40.75- 41.25	29	699	3.92	94.46
40.25- 40.75	6	670	0.81	90.54
39.75- 40.25	49	664	6.62	89.73
39.25- 39.75	12	615	1.62	83.11
38.75- 39.25	63	603	8.51	81.49
38.25- 38.75	16	540	2.16	72.97
37.75- 38.25	80	524	10.81	70.81
37.25- 37.75	18	444	2.43	60.00
36.75- 37.25	105	426	14.19	57.57
36.25- 36.75	13	321	1.76	43.38
35.75- 36.25	93	308	12.57	41.62
35.25- 35.75	19	215	2.57	29.05
34.75- 35.25	76	196	10.27	26.49
34.25- 34.75	15	120	2.03	16.22
33.75- 34.25	44	105	5.95	14.19
33.25- 33.75	10	61	1.35	8.24
32.75- 33.25	22	51	2.97	6.89
32.25- 32.75	8	29	1.08	3.92
31.75- 32.25	14	21	1.89	2.84
31.25- 31.75	1	7	0.14	0.95
30.75- 31.25	5	6	0.68	0.81
30.25- 30.75	0	1	0.00	0.14
29.75- 30.25	0	1	0.00	0.14
29.25- 29.75	0	1	0.00	0.14
28.75- 29.25	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
37.10	MEAN VALUE	14.60
0.10	SE(MEAN)	0.04
2.61	SD DEVIATION	1.03
0.07	SE(SD DEV)	0.03

****

SYMMETRY---VETA I = 0.30
KURTOSIS---VETA II = 3.30
COEF. OF VARIATION = 7.05

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
43.80	99TH	17.24
42.84	98TH	16.87
42.27	97TH	16.64
41.53	95TH	16.35
40.45	90TH	15.93
39.76	85TH	15.65
39.23	80TH	15.44
38.77	75TH	15.27
38.37	70TH	15.11
38.01	65TH	14.96
37.66	60TH	14.83
37.33	55TH	14.70
37.00	50TH	14.57
36.67	45TH	14.44
36.34	40TH	14.31
36.01	35TH	14.18
35.65	30TH	14.04
35.27	25TH	13.89
34.85	20TH	13.72
34.37	15TH	13.53
33.79	10TH	13.30
32.96	5TH	12.98
32.46	3RD	12.78
32.12	2RD	12.65
31.65	1ST	12.46

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CALF CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
41.75- 42.25	4	740	0.54	100.00
41.25- 41.75	0	736	0.00	99.46
40.75- 41.25	1	736	0.14	99.46
40.25- 40.75	2	735	0.27	99.32
39.75- 40.25	10	733	1.35	99.05
39.25- 39.75	1	723	0.14	97.70
38.75- 39.25	9	722	1.22	97.57
38.25- 38.75	9	713	1.22	96.35
37.75- 38.25	20	704	2.70	95.14
37.25- 37.75	15	684	2.03	92.43
36.75- 37.25	46	669	6.22	90.41
36.25- 36.75	25	623	3.38	84.19
35.75- 36.25	56	598	7.57	80.81
35.25- 35.75	43	542	5.81	73.24
34.75- 35.25	68	499	9.19	67.43
34.25- 34.75	64	431	8.65	58.24
33.75- 34.25	103	367	13.92	49.59
33.25- 33.75	37	264	5.00	35.68
32.75- 33.25	81	227	10.95	30.68
32.25- 32.75	34	146	4.59	19.73
31.75- 32.25	48	112	6.49	15.14
31.25- 31.75	18	64	2.43	8.65
30.75- 31.25	21	46	2.84	6.22
30.25- 30.75	8	25	1.08	3.38
29.75- 30.25	5	17	0.68	2.30
29.25- 29.75	6	12	0.81	1.62
28.75- 29.25	5	6	0.68	0.81
28.25- 28.75	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
34.48	MEAN VALUE	13.58
0.08	SE(MEAN)	0.03
2.21	SD DEVIATION	0.87
0.06	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.34
KURTOSIS---VETA II = 3.46
COEF. OF VARIATION = 6.40

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
40.38	99TH	15.90
39.55	98TH	15.57
39.03	97TH	15.37
38.35	95TH	15.10
37.35	90TH	14.70
36.70	85TH	14.45
36.22	80TH	14.26
35.81	75TH	14.10
35.47	70TH	13.96
35.15	65TH	13.84
34.87	60TH	13.73
34.59	55TH	13.62
34.33	50TH	13.52
34.08	45TH	13.42
33.82	40TH	13.32
33.57	35TH	13.21
33.30	30TH	13.11
33.01	25TH	13.00
32.69	20TH	12.87
32.32	15TH	12.72
31.83	10TH	12.53
31.07	5TH	12.23
30.52	3RD	12.02
30.09	2RD	11.85
29.34	1ST	11.55

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

ANKLE CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
25.55- 25.75	1	740	0.14	100.00
25.35- 25.55	1	739	0.14	99.86
25.15- 25.35	0	738	0.00	99.73
24.95- 25.15	4	738	0.54	99.73
24.75- 24.95	0	734	0.00	99.19
24.55- 24.75	0	734	0.00	99.19
24.35- 24.55	2	734	0.27	99.19
24.15- 24.35	3	732	0.41	98.92
23.95- 24.15	30	729	4.05	98.51
23.75- 23.95	1	699	0.14	94.46
23.55- 23.75	1	698	0.14	94.32
23.35- 23.55	4	697	0.54	94.19
23.15- 23.35	8	693	1.08	93.65
22.95- 23.15	73	685	9.86	92.57
22.75- 22.95	5	612	0.68	82.70
22.55- 22.75	5	607	0.68	82.03
22.35- 22.55	22	602	2.97	81.35
22.15- 22.35	23	580	3.11	78.38
21.95- 22.15	139	557	18.78	75.27
21.75- 21.95	10	418	1.35	56.49
21.55- 21.75	10	408	1.35	55.14
21.35- 21.55	55	398	7.43	53.78
21.15- 21.35	37	343	5.00	46.35
20.95- 21.15	121	306	16.35	41.35
20.75- 20.95	7	185	0.95	25.00
20.55- 20.75	12	178	1.62	24.05
20.35- 20.55	51	166	6.89	22.43
20.15- 20.35	19	115	2.57	15.54
19.95- 20.15	55	96	7.43	12.97
19.75- 19.95	8	41	1.08	5.54
19.55- 19.75	3	33	0.41	4.46
19.35- 19.55	12	30	1.62	4.05
19.15- 19.35	4	18	0.54	2.43
18.95- 19.15	10	14	1.35	1.89
18.75- 18.95	3	4	0.41	0.54
18.55- 18.75	0	1	0.00	0.14
18.35- 18.55	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
21.55	MEAN VALUE	8.48
0.04	SE(MEAN)	0.02
1.19	SD DEVIATION	0.47
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.31
KURTOSIS---VETA II = 3.05
COEF. OF VARIATION = 5.54

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
24.46	99TH	9.63
24.20	98TH	9.53
24.01	97TH	9.45
23.72	95TH	9.34
23.23	90TH	9.14
22.88	85TH	9.01
22.61	80TH	8.90
22.38	75TH	8.81
22.17	70TH	8.73
21.99	65TH	8.66
21.82	60TH	8.59
21.65	55TH	8.53
21.50	50TH	8.46
21.35	45TH	8.40
21.20	40TH	8.35
21.05	35TH	8.29
20.90	30TH	8.23
20.74	25TH	8.17
20.57	20TH	8.10
20.37	15TH	8.02
20.13	10TH	7.92
19.76	5TH	7.78
19.50	3RD	7.68
19.29	2RD	7.59
18.93	1ST	7.45

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD HEIGHT (TRAGION-TO-VERTEX)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
15.55- 15.75	1	740	0.14	100.00
15.35- 15.55	0	739	0.00	99.86
15.15- 15.35	0	739	0.00	99.86
14.95- 15.15	0	739	0.00	99.86
14.75- 14.95	1	739	0.14	99.86
14.55- 14.75	1	738	0.14	99.73
14.35- 14.55	1	737	0.14	99.59
14.15- 14.35	3	736	0.41	99.46
13.95- 14.15	7	733	0.95	99.05
13.75- 13.95	19	726	2.57	98.11
13.55- 13.75	23	707	3.11	95.54
13.35- 13.55	45	684	6.08	92.43
13.15- 13.35	63	639	8.51	86.35
12.95- 13.15	67	576	9.05	77.84
12.75- 12.95	74	509	10.00	68.78
12.55- 12.75	85	435	11.49	58.78
12.35- 12.55	95	350	12.84	47.30
12.15- 12.35	69	255	9.32	34.46
11.95- 12.15	58	186	7.84	25.14
11.75- 11.95	46	128	6.22	17.30
11.55- 11.75	27	82	3.65	11.08
11.35- 11.55	21	55	2.84	7.43
11.15- 11.35	11	34	1.49	4.59
10.95- 11.15	10	23	1.35	3.11
10.75- 10.95	6	13	0.81	1.76
10.55- 10.75	4	7	0.54	0.95
10.35- 10.55	1	3	0.14	0.41
10.15- 10.35	1	2	0.14	0.27
9.95- 10.15	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.59	MEAN VALUE	4.96
0.03	SE(MEAN)	0.01
0.71	SD DEVIATION	0.28
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = -0.14
KURTOSIS---VETA II = 3.61
COEF. OF VARIATION = 5.67

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
14.13	99TH	5.56
13.96	98TH	5.50
13.86	97TH	5.46
13.71	95TH	5.40
13.47	90TH	5.30
13.31	85TH	5.24
13.18	80TH	5.19
13.07	75TH	5.15
12.97	70TH	5.11
12.88	65TH	5.07
12.79	60TH	5.04
12.70	55TH	5.00
12.62	50TH	4.97
12.53	45TH	4.93
12.44	40TH	4.90
12.35	35TH	4.86
12.25	30TH	4.82
12.14	25TH	4.78
12.01	20TH	4.73
11.87	15TH	4.67
11.67	10TH	4.60
11.37	5TH	4.48
11.17	3RD	4.40
11.01	2RD	4.33
10.74	1ST	4.23

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HEAD LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
20.75- 20.95	1	740	0.14	100.00
20.55- 20.75	2	739	0.27	99.86
20.35- 20.55	1	737	0.14	99.59
20.15- 20.35	8	736	1.08	99.46
19.95- 20.15	20	728	2.70	98.38
19.75- 19.95	24	708	3.24	95.68
19.55- 19.75	42	684	5.68	92.43
19.35- 19.55	50	642	6.76	86.76
19.15- 19.35	70	592	9.46	80.00
18.95- 19.15	79	522	10.68	70.54
18.75- 18.95	59	443	7.97	59.86
18.55- 18.75	70	384	9.46	51.89
18.35- 18.55	72	314	9.73	42.43
18.15- 18.35	54	242	7.30	32.70
17.95- 18.15	51	188	6.89	25.41
17.75- 17.95	33	137	4.46	18.51
17.55- 17.75	35	104	4.73	14.05
17.35- 17.55	27	69	3.65	9.32
17.15- 17.35	22	42	2.97	5.68
16.95- 17.15	11	20	1.49	2.70
16.75- 16.95	3	9	0.41	1.22
16.55- 16.75	3	6	0.41	0.81
16.35- 16.55	3	3	0.41	0.41

*IN CENTIMETERS

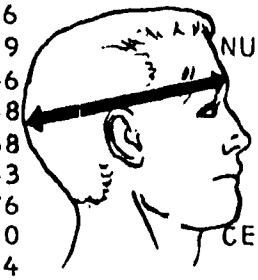
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.67	MEAN VALUE	7.35
0.03	SE(MEAN)	0.01
0.78	SD DEVIATION	0.31
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = -0.22
KURTOSIS---VETA II = 2.67
COEF. OF VARIATION = 4.19

****



NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
20.27	99TH	7.98
20.13	98TH	7.92
20.03	97TH	7.89
19.90	95TH	7.83
19.67	90TH	7.75
19.51	85TH	7.68
19.37	80TH	7.63
19.25	75TH	7.58
19.14	70TH	7.53
19.03	65TH	7.49
18.93	60TH	7.45
18.82	55TH	7.41
18.72	50TH	7.37
18.61	45TH	7.33
18.50	40TH	7.28
18.39	35TH	7.24
18.27	30TH	7.19
18.13	25TH	7.14
17.99	20TH	7.08
17.82	15TH	7.01
17.61	10TH	6.93
17.31	5TH	6.82
17.14	3RD	6.75
17.03	2RD	6.70
16.87	1ST	6.64

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

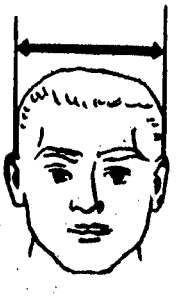
.....

HEAD BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
17.25- 17.35	1	740	0.14	100.00
17.15- 17.25	0	739	0.00	99.86
17.05- 17.15	0	739	0.00	99.86
16.95- 17.05	1	739	0.14	99.86
16.85- 16.95	1	738	0.14	99.73
16.75- 16.85	0	737	0.00	99.59
16.65- 16.75	0	737	0.00	99.59
16.55- 16.65	5	737	0.68	99.59
16.45- 16.55	5	732	0.68	98.92
16.35- 16.45	5	727	0.68	98.24
16.25- 16.35	8	722	1.08	97.57
16.15- 16.25	20	714	2.70	96.49
16.05- 16.15	8	694	1.08	93.78
15.95- 16.05	23	686	3.11	92.70
15.85- 15.95	11	663	1.49	89.59
15.75- 15.85	26	652	3.51	88.11
15.65- 15.75	25	626	3.38	84.59
15.55- 15.65	36	601	4.86	81.22
15.45- 15.55	38	565	5.14	76.35
15.35- 15.45	32	527	4.32	71.22
15.25- 15.35	41	495	5.54	66.89
15.15- 15.25	47	454	6.35	61.35
15.05- 15.15	36	407	4.86	55.00
14.95- 15.05	45	371	6.08	50.14
14.85- 14.95	23	326	3.11	44.05
14.75- 14.85	45	303	6.08	40.95
14.65- 14.75	33	258	4.46	34.86
14.55- 14.65	47	225	6.35	30.41
14.45- 14.55	36	178	4.86	24.05
14.35- 14.45	23	142	3.11	19.19
14.25- 14.35	35	119	4.73	16.08
14.15- 14.25	27	84	3.65	11.35
14.05- 14.15	16	57	2.16	7.70
13.95- 14.05	13	41	1.76	5.54
13.85- 13.95	6	28	0.81	3.78
13.75- 13.85	8	22	1.08	2.97
13.65- 13.75	7	14	0.95	1.89
13.55- 13.65	2	7	0.27	0.95
13.45- 13.55	2	5	0.27	0.68
13.35- 13.45	0	3	0.00	0.41
13.25- 13.35	1	3	0.14	0.41
13.15- 13.25	0	2	0.00	0.27
13.05- 13.15	0	2	0.00	0.27
12.95- 13.05	0	2	0.00	0.27
12.85- 12.95	0	2	0.00	0.27
12.75- 12.85	0	2	0.00	0.27
12.65- 12.75	1	2	0.14	0.27
12.55- 12.65	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
15.05	MEAN VALUE	5.93
0.02	SE(MEAN)	0.01
0.67	SD DEVIATION	0.26
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 2.91
COEF. OF VARIATION = 4.46

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
16.55	99TH	6.52
16.42	98TH	6.46
16.32	97TH	6.43
16.18	95TH	6.37
15.95	90TH	6.28
15.78	85TH	6.21
15.64	80TH	6.16
15.52	75TH	6.11
15.41	70TH	6.07
15.31	65TH	6.03
15.22	60TH	5.99
15.13	55TH	5.96
15.04	50TH	5.92
14.95	45TH	5.88
14.86	40TH	5.85
14.77	35TH	5.81
14.67	30TH	5.78
14.57	25TH	5.74
14.46	20TH	5.69
14.34	15TH	5.65
14.19	10TH	5.59
13.99	5TH	5.51
13.86	3RD	5.46
13.78	2RD	5.42
13.65	1ST	5.37

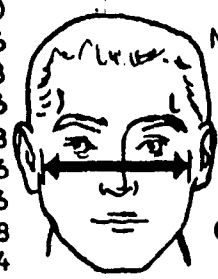
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

FACE BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
14.15- 14.35	1	740	0.14	100.00
13.95- 14.15	1	739	0.14	99.86
13.75- 13.95	2	738	0.27	99.73
13.55- 13.75	5	736	0.68	99.46
13.35- 13.55	12	731	1.62	98.78
13.15- 13.35	20	719	2.70	97.16
12.95- 13.15	28	699	3.78	94.46
12.75- 12.95	38	671	5.14	90.68
12.55- 12.75	67	633	9.05	85.54
12.35- 12.55	81	566	10.95	76.49
12.15- 12.35	108	485	14.59	65.54
11.95- 12.15	112	377	15.14	50.95
11.75- 11.95	63	265	8.51	35.81
11.55- 11.75	77	202	10.41	27.30
11.35- 11.55	51	125	6.89	16.89
11.15- 11.35	39	74	5.27	10.00
10.95- 11.15	22	35	2.97	4.73
10.75- 10.95	9	13	1.22	1.76
10.55- 10.75	2	4	0.27	0.54
10.35- 10.55	2	2	0.27	0.27



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.13	MEAN VALUE	4.78
0.02	SE(MEAN)	0.01
0.60	SD DEVIATION	0.24
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.15
KURTOSIS---VETA II = 3.00
COEF. OF VARIATION = 4.97

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
13.64	99TH	5.37
13.44	98TH	5.29
13.32	97TH	5.24
13.16	95TH	5.18
12.92	90TH	5.09
12.77	85TH	5.03
12.64	80TH	4.98
12.54	75TH	4.94
12.45	70TH	4.90
12.36	65TH	4.87
12.28	60TH	4.83
12.20	55TH	4.80
12.13	50TH	4.77
12.05	45TH	4.74
11.97	40TH	4.71
11.89	35TH	4.68
11.81	30TH	4.65
11.72	25TH	4.61
11.62	20TH	4.58
11.51	15TH	4.53
11.37	10TH	4.47
11.16	5TH	4.40
11.04	3RD	4.35
10.95	2RD	4.31
10.83	1ST	4.26

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

BITRAGION DIAMETER

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
15.35- 15.45	1	740	0.14	100.00
15.25- 15.35	0	739	0.00	99.86
15.15- 15.25	0	739	0.00	99.86
15.05- 15.15	1	739	0.14	99.86
14.95- 15.05	0	738	0.00	99.73
14.85- 14.95	1	738	0.14	99.73
14.75- 14.85	3	737	0.41	99.59
14.65- 14.75	3	734	0.41	99.19
14.55- 14.65	3	731	0.41	98.78
14.45- 14.55	6	728	0.81	98.38
14.35- 14.45	10	722	1.35	97.57
14.25- 14.35	10	712	1.35	96.22
14.15- 14.25	15	702	2.03	94.86
14.05- 14.15	11	687	1.49	92.84
13.95- 14.05	36	676	4.86	91.35
13.85- 13.95	16	640	2.16	86.49
13.75- 13.85	43	624	5.81	84.32
13.65- 13.75	55	581	7.43	78.51
13.55- 13.65	61	526	8.24	71.08
13.45- 13.55	54	465	7.30	62.84
13.35- 13.45	61	411	8.24	55.54
13.25- 13.35	60	350	8.11	47.30
13.15- 13.25	56	290	7.57	39.19
13.05- 13.15	44	234	5.95	31.62
12.95- 13.05	46	190	6.22	25.68
12.85- 12.95	19	144	2.57	19.46
12.75- 12.85	38	125	5.14	16.89
12.65- 12.75	18	87	2.43	11.76
12.55- 12.65	21	69	2.84	9.32
12.45- 12.55	22	48	2.97	6.49
12.35- 12.45	10	26	1.35	3.51
12.25- 12.35	9	16	1.22	2.16
12.15- 12.25	2	7	0.27	0.95
12.05- 12.15	3	5	0.41	0.68
11.95- 12.05	2	2	0.27	0.27

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
13.38	MEAN VALUE	5.27
0.02	SE(MEAN)	0.01
0.52	SD DEVIATION	0.21
0.01	SE(SD DEV)	0.01

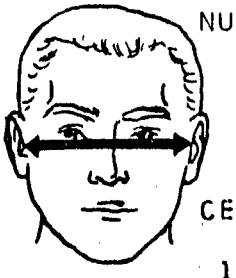
****

SYMMETRY---VETA I = 0.14
KURTOSIS---VETA II = 3.22
COEF. OF VARIATION = 3.90

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
14.72	99TH	5.80
14.50	98TH	5.71
14.38	97TH	5.66
14.23	95TH	5.60
14.02	90TH	5.52
13.90	85TH	5.47
13.80	80TH	5.43
13.72	75TH	5.40
13.64	70TH	5.37
13.58	65TH	5.34
13.51	60TH	5.32
13.45	55TH	5.29
13.38	50TH	5.27
13.32	45TH	5.24
13.25	40TH	5.22
13.18	35TH	5.19
13.11	30TH	5.16
13.03	25TH	5.13
12.94	20TH	5.09
12.83	15TH	5.05
12.70	10TH	5.00
12.52	5TH	4.93
12.41	3RD	4.88
12.34	2RD	4.86
12.25	1ST	4.82

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FACE LENGTH (MENTON-NASAL ROOT DEPRESSION)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
14.15- 14.25	1	740	0.14	100.00
14.05- 14.15	0	739	0.00	99.86
13.95- 14.05	1	739	0.14	99.86
13.85- 13.95	0	738	0.00	99.73
13.75- 13.85	2	738	0.27	99.73
13.65- 13.75	3	736	0.41	99.46
13.55- 13.65	4	733	0.54	99.05
13.45- 13.55	4	729	0.54	98.51
13.35- 13.45	6	725	0.81	97.97
13.25- 13.35	11	719	1.49	97.16
13.15- 13.25	16	708	2.16	95.68
13.05- 13.15	9	692	1.22	93.51
12.95- 13.05	28	683	3.78	92.30
12.85- 12.95	20	655	2.70	88.51
12.75- 12.85	42	635	5.68	85.81
12.65- 12.75	40	593	5.41	80.14
12.55- 12.65	28	553	3.78	74.73
12.45- 12.55	68	525	9.19	70.95
12.35- 12.45	37	457	5.00	61.76
12.25- 12.35	46	420	6.22	56.76
12.15- 12.25	53	374	7.16	50.54
12.05- 12.15	49	321	6.62	43.38
11.95- 12.05	52	272	7.03	36.76
11.85- 11.95	29	220	3.92	29.73
11.75- 11.85	40	191	5.41	25.81
11.65- 11.75	26	151	3.51	20.41
11.55- 11.65	26	125	3.51	16.89
11.45- 11.55	21	99	2.84	13.38
11.35- 11.45	15	78	2.03	10.54
11.25- 11.35	15	63	2.03	8.51
11.15- 11.25	20	48	2.70	6.49
11.05- 11.15	5	28	0.68	3.78
10.95- 11.05	9	23	1.22	3.11
10.85- 10.95	4	14	0.54	1.89
10.75- 10.85	3	10	0.41	1.35
10.65- 10.75	5	7	0.68	0.95
10.55- 10.65	1	2	0.14	0.27
10.45- 10.55	0	1	0.00	0.14
10.35- 10.45	1	1	0.14	0.14

*IN CENTIMETERS

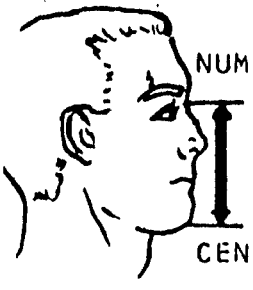
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.23	MEAN VALUE	4.82
0.02	SE(MEAN)	0.01
0.61	SD DEVIATION	0.24
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = -0.08
KURTOSIS---VETA II = 2.97
COEF. OF VARIATION = 4.95

****



NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
13.64	99TH	5.37
13.46	98TH	5.30
13.35	97TH	5.25
13.20	95TH	5.20
12.99	90TH	5.11
12.85	85TH	5.06
12.74	80TH	5.02
12.65	75TH	4.98
12.56	70TH	4.94
12.48	65TH	4.91
12.40	60TH	4.88
12.33	55TH	4.85
12.25	50TH	4.82
12.18	45TH	4.79
12.10	40TH	4.76
12.02	35TH	4.73
11.93	30TH	4.70
11.84	25TH	4.66
11.73	20TH	4.62
11.60	15TH	4.57
11.44	10TH	4.50
11.20	5TH	4.41
11.05	3RD	4.35
10.94	2RD	4.31
10.77	1ST	4.24

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

INTERPUPILLARY DISTANCE

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
7.35-	7.45	1	740	0.14	100.00
7.25-	7.35	0	739	0.00	99.86
7.15-	7.25	0	739	0.00	99.86
7.05-	7.15	0	739	0.00	99.86
6.95-	7.05	5	739	0.68	99.86
6.85-	6.95	7	734	0.95	99.19
6.75-	6.85	9	727	1.22	98.24
6.65-	6.75	21	718	2.84	97.03
6.55-	6.65	17	697	2.30	94.19
6.45-	6.55	65	680	8.78	91.89
6.35-	6.45	34	615	4.59	83.11
6.25-	6.35	90	581	12.16	78.51
6.15-	6.25	110	491	14.86	66.35
6.05-	6.15	66	381	8.92	51.49
5.95-	6.05	144	315	19.46	42.57
5.85-	5.95	47	171	6.35	23.11
5.75-	5.85	56	124	7.57	16.76
5.65-	5.75	33	68	4.46	9.19
5.55-	5.65	14	35	1.89	4.73
5.45-	5.55	17	21	2.30	2.84
5.35-	5.45	2	4	0.27	0.54
5.25-	5.35	1	2	0.14	0.27
5.15-	5.25	0	1	0.00	0.14
5.05-	5.15	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
6.14	MEAN VALUE	2.42
0.01	SE(MEAN)	0.00
0.31	SD DEVIATION	0.12
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.23
KURTOSIS---VETA II = 3.38
COEF. OF VARIATION = 4.98

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
6.94	99TH	2.73
6.82	98TH	2.69
6.75	97TH	2.66
6.66	95TH	2.62
6.53	90TH	2.57
6.45	85TH	2.54
6.39	80TH	2.52
6.33	75TH	2.49
6.29	70TH	2.48
6.25	65TH	2.46
6.21	60TH	2.44
6.17	55TH	2.43
6.13	50TH	2.41
6.09	45TH	2.40
6.06	40TH	2.38
6.02	35TH	2.37
5.98	30TH	2.35
5.93	25TH	2.34
5.88	20TH	2.32
5.83	15TH	2.29
5.76	10TH	2.27
5.65	5TH	2.23
5.58	3RD	2.20
5.53	2RD	2.18
5.45	1ST	2.15

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

FOOT LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
29.85- 30.15	1	740	0.14	100.00
29.55- 29.85	0	739	0.00	99.86
29.25- 29.55	7	739	0.95	99.86
28.95- 29.25	5	732	0.68	98.92
28.65- 28.95	0	727	0.00	98.24
28.35- 28.65	18	727	2.43	98.24
28.05- 28.35	1	709	0.14	95.81
27.75- 28.05	27	708	3.65	95.68
27.45- 27.75	48	681	6.49	92.03
27.15- 27.45	7	633	0.95	85.54
26.85- 27.15	85	626	11.49	84.59
26.55- 26.85	8	541	1.08	73.11
26.25- 26.55	104	533	14.05	72.03
25.95- 26.25	113	429	15.27	57.97
25.65- 25.95	2	316	0.27	42.70
25.35- 25.65	121	314	16.35	42.43
25.05- 25.35	5	193	0.68	26.08
24.75- 25.05	78	188	10.54	25.41
24.45- 24.75	59	110	7.97	14.86
24.15- 24.45	3	51	0.41	6.89
23.85- 24.15	31	48	4.19	6.49
23.55- 23.85	2	17	0.27	2.30
23.25- 23.55	12	15	1.62	2.03
22.95- 23.25	2	3	0.27	0.41
22.65- 22.95	0	1	0.00	0.14
22.35- 22.65	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
26.04	MEAN VALUE	10.25
0.04	SE(MEAN)	0.02
1.22	SD DEVIATION	0.48
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.22
KURTOSIS---VETA II = 3.02
COEF. OF VARIATION = 4.68

****

NUMBER OF SUBJECTS = 740.

****

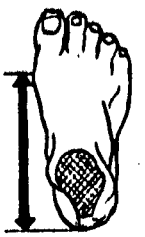
THE PERCENTILES

CENTIMETERS		INCHES
29.21	99TH	11.50
28.73	98TH	11.31
28.44	97TH	11.20
28.09	95TH	11.06
27.58	90TH	10.86
27.26	85TH	10.73
27.02	80TH	10.64
26.81	75TH	10.56
26.63	70TH	10.48
26.46	65TH	10.42
26.30	60TH	10.36
26.15	55TH	10.30
26.00	50TH	10.24
25.85	45TH	10.18
25.70	40TH	10.12
25.54	35TH	10.05
25.37	30TH	9.99
25.19	25TH	9.92
24.99	20TH	9.84
24.75	15TH	9.75
24.46	10TH	9.63
24.05	5TH	9.47
23.80	3RD	9.37
23.62	2RD	9.30
23.37	1ST	9.20

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
INSTEP LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
22.75- 23.25	1	700	0.14	100.00
22.25- 22.75	0	699	0.00	99.86
21.75- 22.25	0	699	0.00	99.86
21.25- 21.75	1	699	0.14	99.86
20.75- 21.25	7	698	1.00	99.71
20.25- 20.75	0	691	0.00	98.71
19.75- 20.25	13	691	1.86	98.71
19.25- 19.75	24	678	3.43	96.86
18.75- 19.25	78	654	11.14	93.43
18.25- 18.75	57	576	8.14	82.29
17.75- 18.25	139	519	19.86	74.14
17.25- 17.75	70	380	10.00	54.29
16.75- 17.25	141	310	20.14	44.29
16.25- 16.75	53	169	7.57	24.14
15.75- 16.25	78	116	11.14	16.57
15.25- 15.75	20	38	2.86	5.43
14.75- 15.25	13	18	1.86	2.57
14.25- 14.75	3	5	0.43	0.71
13.75- 14.25	2	2	0.29	0.29



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
17.54	MEAN VALUE	6.91
0.05	SE(MEAN)	0.02
1.23	SD DEVIATION	0.48
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.21
KURTOSIS---VETA II = 3.38
COEF. OF VARIATION = 6.99

****

NUMBER OF SUBJECTS = 700.

****

THE PERCENTILES

CENTIMETERS		INCHES
20.73	99TH	8.16
20.20	98TH	7.95
19.91	97TH	7.84
19.54	95TH	7.69
19.05	90TH	7.50
18.75	85TH	7.38
18.52	80TH	7.29
18.33	75TH	7.21
18.15	70TH	7.15
17.99	65TH	7.08
17.84	60TH	7.02
17.69	55TH	6.96
17.54	50TH	6.91
17.39	45TH	6.85
17.24	40TH	6.79
17.08	35TH	6.72
16.91	30TH	6.66
16.72	25TH	6.58
16.51	20TH	6.50
16.26	15TH	6.40
15.96	10TH	6.28
15.53	5TH	6.11
15.27	3RD	6.01
15.11	2RD	5.95
14.89	1ST	5.86

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

FOOT BREADTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
11.95-	12.05	10	740	1.35	100.00
11.85-	11.95	0	730	0.00	98.65
11.75-	11.85	0	730	0.00	98.65
11.65-	11.75	0	730	0.00	98.65
11.55-	11.65	0	730	0.00	98.65
11.45-	11.55	35	730	4.73	98.65
11.35-	11.45	0	695	0.00	93.92
11.25-	11.35	0	695	0.00	93.92
11.15-	11.25	0	695	0.00	93.92
11.05-	11.15	0	695	0.00	93.92
10.95-	11.05	141	695	19.05	93.92
10.85-	10.95	0	554	0.00	74.86
10.75-	10.85	0	554	0.00	74.86
10.65-	10.75	0	554	0.00	74.86
10.55-	10.65	0	554	0.00	74.86
10.45-	10.55	208	554	28.11	74.86
10.35-	10.45	0	346	0.00	46.76
10.25-	10.35	0	346	0.00	46.76
10.15-	10.25	0	346	0.00	46.76
10.05-	10.15	0	346	0.00	46.76
9.95-	10.05	209	346	28.24	46.76
9.85-	9.95	0	137	0.00	18.51
9.75-	9.85	0	137	0.00	18.51
9.65-	9.75	0	137	0.00	18.51
9.55-	9.65	0	137	0.00	18.51
9.45-	9.55	100	137	13.51	18.51
9.35-	9.45	0	37	0.00	5.00
9.25-	9.35	0	37	0.00	5.00
9.15-	9.25	0	37	0.00	5.00
9.05-	9.15	0	37	0.00	5.00
8.95-	9.05	33	37	4.46	5.00
8.85-	8.95	0	4	0.00	0.54
8.75-	8.85	0	4	0.00	0.54
8.65-	8.75	0	4	0.00	0.54
8.55-	8.65	0	4	0.00	0.54
8.45-	8.55	4	4	0.54	0.54



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
10.31	MEAN VALUE	4.06
0.02	SE(MEAN)	0.01
0.65	SD DEVIATION	0.25
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = -0.01
KURTOSIS---VETA II = 2.88
COEF. OF VARIATION = 6.26

****

NUMBER OF SUBJECTS = 740.

****

THE PERCENTILES

CENTIMETERS		INCHES
11.89	99TH	4.68
11.67	98TH	4.60
11.55	97TH	4.55
11.38	95TH	4.48
11.14	90TH	4.39
10.99	85TH	4.32
10.86	80TH	4.28
10.76	75TH	4.24
10.66	70TH	4.20
10.58	65TH	4.16
10.49	60TH	4.13
10.41	55TH	4.10
10.33	50TH	4.07
10.25	45TH	4.03
10.16	40TH	4.00
10.08	35TH	3.97
9.99	30TH	3.93
9.89	25TH	3.89
9.78	20TH	3.85
9.65	15TH	3.80
9.49	10TH	3.74
9.27	5TH	3.65
9.13	3RD	3.60
9.04	2RD	3.56
8.92	1ST	3.51

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HEEL BREADTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
7.95-	8.05	4	739	0.54	100.00
7.85-	7.95	0	735	0.00	99.46
7.75-	7.85	1	735	0.14	99.46
7.65-	7.75	0	734	0.00	99.32
7.55-	7.65	5	734	0.68	99.32
7.45-	7.55	10	729	1.35	98.65
7.35-	7.45	27	719	3.65	97.29
7.25-	7.35	13	692	1.76	93.64
7.15-	7.25	59	679	7.98	91.88
7.05-	7.15	25	620	3.38	83.90
6.95-	7.05	182	595	24.63	80.51
6.85-	6.95	4	413	0.54	55.89
6.75-	6.85	88	409	11.91	55.35
6.65-	6.75	40	321	5.41	43.44
6.55-	6.65	124	281	16.78	38.02
6.45-	6.55	61	157	8.25	21.24
6.35-	6.45	39	96	5.28	12.99
6.25-	6.35	17	57	2.30	7.71
6.15-	6.25	18	40	2.44	5.41
6.05-	6.15	9	22	1.22	2.98
5.95-	6.05	11	13	1.49	1.76
5.85-	5.95	0	2	0.00	0.27
5.75-	5.85	0	2	0.00	0.27
5.65-	5.75	1	2	0.14	0.27
5.55-	5.65	0	1	0.00	0.14
5.45-	5.55	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
6.81	MEAN VALUE	2.68
0.01	SE(MEAN)	0.01
0.35	SD DEVIATION	0.14
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.03
KURTOSIS---VETA II = 3.37
COEF. OF VARIATION = 5.09

****

NUMBER OF SUBJECTS = 739.

****

THE PERCENTILES

CENTIMETERS		INCHES
7.60	99TH	2.99
7.51	98TH	2.96
7.45	97TH	2.93
7.37	95TH	2.90
7.24	90TH	2.85
7.16	85TH	2.82
7.10	80TH	2.79
7.04	75TH	2.77
6.99	70TH	2.75
6.94	65TH	2.73
6.90	60TH	2.71
6.85	55TH	2.70
6.81	50TH	2.68
6.77	45TH	2.66
6.72	40TH	2.65
6.68	35TH	2.63
6.63	30TH	2.61
6.58	25TH	2.59
6.52	20TH	2.57
6.45	15TH	2.54
6.37	10TH	2.51
6.24	5TH	2.46
6.15	3RD	2.42
6.09	2RD	2.40
5.99	1ST	2.36

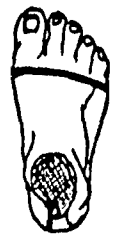
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BALL-OF-FOOT CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
29.85- 30.15	1	739	0.14	100.00
29.55- 29.85	0	738	0.00	99.86
29.25- 29.55	0	738	0.00	99.86
28.95- 29.25	10	738	1.35	99.86
28.65- 28.95	0	728	0.00	98.51
28.35- 28.65	3	728	0.41	98.51
28.05- 28.35	3	725	0.41	98.11
27.75- 28.05	36	722	4.87	97.70
27.45- 27.75	4	686	0.54	92.83
27.15- 27.45	7	682	0.95	92.29
26.85- 27.15	133	675	18.00	91.34
26.55- 26.85	1	542	0.14	73.34
26.25- 26.55	17	541	2.30	73.21
25.95- 26.25	217	524	29.36	70.91
25.65- 25.95	2	307	0.27	41.54
25.35- 25.65	20	305	2.71	41.27
25.05- 25.35	11	285	1.49	38.57
24.75- 25.05	173	274	23.41	37.08
24.45- 24.75	1	101	0.14	13.67
24.15- 24.45	7	100	0.95	13.53
23.85- 24.15	74	93	10.01	12.58
23.55- 23.85	0	19	0.00	2.57
23.25- 23.55	4	19	0.54	2.57
22.95- 23.25	14	15	1.89	2.03
22.65- 22.95	0	1	0.00	0.14
22.35- 22.65	0	1	0.00	0.14
22.05- 22.35	0	1	0.00	0.14
21.75- 22.05	1	1	0.14	0.14

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
25.82	MEAN VALUE	10.17
0.04	SE(MEAN)	0.02
1.21	SD DEVIATION	0.48
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.10
KURTOSIS---VETA II = 3.04
COEF. OF VARIATION = 4.70

****

NUMBER OF SUBJECTS = 739.

****

THE PERCENTILES

CENTIMETERS		INCHES
28.91	99TH	11.38
28.41	98TH	11.19
28.13	97TH	11.07
27.79	95TH	10.94
27.32	90TH	10.75
27.02	85TH	10.64
26.80	80TH	10.55
26.61	75TH	10.48
26.44	70TH	10.41
26.29	65TH	10.35
26.14	60TH	10.29
25.99	55TH	10.23
25.84	50TH	10.17
25.69	45TH	10.12
25.54	40TH	10.06
25.38	35TH	9.99
25.21	30TH	9.92
25.02	25TH	9.85
24.81	20TH	9.77
24.56	15TH	9.67
24.25	10TH	9.55
23.82	5TH	9.38
23.56	3RD	9.28
23.39	2RD	9.21
23.17	1ST	9.12

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
HEEL-ANKLE DIAGONAL

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
38.25- 38.55	1	740	0.14	100.00
37.95- 38.25	4	739	0.54	99.86
37.65- 37.95	0	735	0.00	99.32
37.35- 37.65	3	735	0.41	99.32
37.05- 37.35	1	732	0.14	98.92
36.75- 37.05	16	731	2.16	98.78
36.45- 36.75	1	715	0.14	96.62
36.15- 36.45	7	714	0.95	96.49
35.85- 36.15	50	707	6.76	95.54
35.55- 35.85	1	657	0.14	88.78
35.25- 35.55	11	656	1.49	88.65
34.95- 35.25	125	645	16.89	87.16
34.65- 34.95	0	520	0.00	70.27
34.35- 34.65	12	520	1.62	70.27
34.05- 34.35	13	508	1.76	68.65
33.75- 34.05	178	495	24.05	66.89
33.45- 33.75	5	317	0.68	42.84
33.15- 33.45	15	312	2.03	42.16
32.85- 33.15	154	297	20.81	40.14
32.55- 32.85	1	143	0.14	19.32
32.25- 32.55	2	142	0.27	19.19
31.95- 32.25	101	140	13.65	18.92
31.65- 31.95	0	39	0.00	5.27
31.35- 31.65	3	39	0.41	5.27
31.05- 31.35	2	36	0.27	4.86
30.75- 31.05	32	34	4.32	4.59
30.45- 30.75	0	2	0.00	0.27
30.15- 30.45	0	2	0.00	0.27
29.85- 30.15	2	2	0.27	0.27

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.81	MEAN VALUE	13.31
0.05	SE(MEAN)	0.02
1.46	SD DEVIATION	0.57
0.04	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.18
KURTOSIS---VETA II = 2.86
COEF. OF VARIATION = 4.31

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
37.43	99TH	14.74
36.97	98TH	14.55
36.68	97TH	14.44
36.30	95TH	14.29
35.72	90TH	14.06
35.34	85TH	13.91
35.04	80TH	13.79
34.78	75TH	13.69
34.55	70TH	13.60
34.34	65TH	13.52
34.14	60TH	13.44
33.95	55TH	13.37
33.77	50TH	13.29
33.58	45TH	13.22
33.39	40TH	13.15
33.20	35TH	13.07
33.00	30TH	12.99
32.78	25TH	12.91
32.55	20TH	12.81
32.27	15TH	12.71
31.94	10TH	12.57
31.46	5TH	12.39
31.17	3RD	12.27
30.96	2RD	12.19
30.65	1ST	12.07

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

INSTEP CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
33.45- 33.75	1	740	0.14	100.00
33.15- 33.45	0	739	0.00	99.86
32.85- 33.15	0	739	0.00	99.86
32.55- 32.85	0	739	0.00	99.86
32.25- 32.55	0	739	0.00	99.86
31.95- 32.25	2	739	0.27	99.86
31.65- 31.95	0	737	0.00	99.59
31.35- 31.65	0	737	0.00	99.59
31.05- 31.35	1	737	0.14	99.59
30.75- 31.05	7	736	0.95	99.46
30.45- 30.75	0	729	0.00	98.51
30.15- 30.45	0	729	0.00	98.51
29.85- 30.15	33	729	4.46	98.51
29.55- 29.85	0	696	0.00	94.05
29.25- 29.55	3	696	0.41	94.05
28.95- 29.25	68	693	9.19	93.65
28.65- 28.95	1	625	0.14	84.46
28.35- 28.65	9	624	1.22	84.32
28.05- 28.35	3	615	0.41	83.11
27.75- 28.05	136	612	18.38	82.70
27.45- 27.75	24	476	3.24	64.32
27.15- 27.45	10	452	1.35	61.08
26.85- 27.15	178	442	24.05	59.73
26.55- 26.85	3	264	0.41	35.68
26.25- 26.55	10	261	1.35	35.27
25.95- 26.25	143	251	19.32	33.92
25.65- 25.95	0	108	0.00	14.59
25.35- 25.65	10	108	1.35	14.59
25.05- 25.35	3	98	0.41	13.24
24.75- 25.05	73	95	9.86	12.84
24.45- 24.75	0	22	0.00	2.97
24.15- 24.45	0	22	0.00	2.97
23.85- 24.15	21	22	2.84	2.97
23.55- 23.85	0	1	0.00	0.14
23.25- 23.55	0	1	0.00	0.14
22.95- 23.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
27.11	MEAN VALUE	10.67
0.05	SE(MEAN)	0.02
1.49	SD DEVIATION	0.59
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.32
KURTOSIS---VETA II = 3.34
COEF. OF VARIATION = 5.50

****

NUMBER OF SUBJECTS = 740.

****



THE PERCENTILES

CENTIMETERS		INCHES
30.81	99TH	12.13
30.37	98TH	11.96
30.08	97TH	11.84
29.69	95TH	11.69
29.07	90TH	11.44
28.66	85TH	11.28
28.34	80TH	11.16
28.07	75TH	11.05
27.83	70TH	10.96
27.62	65TH	10.87
27.42	60TH	10.79
27.23	55TH	10.72
27.04	50TH	10.65
26.86	45TH	10.58
26.69	40TH	10.51
26.50	35TH	10.43
26.32	30TH	10.36
26.12	25TH	10.28
25.90	20TH	10.20
25.65	15TH	10.10
25.33	10TH	9.97
24.86	5TH	9.79
24.53	3RD	9.66
24.28	2RD	9.56
23.85	1ST	9.39

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

AGE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
49.50- 50.50	1	736	0.14	100.00
48.50- 49.50	0	735	0.00	99.86
47.50- 48.50	0	735	0.00	99.86
46.50- 47.50	1	735	0.14	99.86
45.50- 46.50	2	734	0.27	99.73
44.50- 45.50	1	732	0.14	99.46
43.50- 44.50	2	731	0.27	99.32
42.50- 43.50	0	729	0.00	99.05
41.50- 42.50	1	729	0.14	99.05
40.50- 41.50	1	728	0.14	98.91
39.50- 40.50	3	727	0.41	98.78
38.50- 39.50	4	724	0.54	98.37
37.50- 38.50	2	720	0.27	97.83
36.50- 37.50	5	718	0.68	97.55
35.50- 36.50	2	713	0.27	96.87
34.50- 35.50	1	711	0.14	96.60
33.50- 34.50	1	710	0.14	96.47
32.50- 33.50	6	709	0.82	96.33
31.50- 32.50	11	703	1.49	95.52
30.50- 31.50	10	692	1.36	94.02
29.50- 30.50	19	682	2.58	92.66
28.50- 29.50	10	663	1.36	90.08
27.50- 28.50	28	653	3.80	88.72
26.50- 27.50	25	625	3.40	84.92
25.50- 26.50	42	600	5.71	81.52
24.50- 25.50	33	558	4.48	75.82
23.50- 24.50	66	525	8.97	71.33
22.50- 23.50	67	459	9.10	62.36
21.50- 22.50	107	392	14.54	53.26
20.50- 21.50	150	285	20.38	38.72
19.50- 20.50	95	135	12.91	18.34
18.50- 19.50	40	40	5.43	5.43

*IN YEARS

THE SUMMARY STATISTICS

YEARS		YEARS
23.73	MEAN VALUE	23.73
0.17	SE(MEAN)	0.17
4.55	SD DEVIATION	4.55
0.12	SE(SD DEV)	0.12

****

SYMMETRY---VETA I = 2.20
KURTOSIS---VETA II = 9.38
COEF. OF VARIATION = 19.17

****

NUMBER OF SUBJECTS = 736.

****

THE PERCENTILES

YEARS		YEARS
42.56	99TH	42.56
38.31	98TH	38.31
35.93	97TH	35.93
33.09	95TH	33.09
29.48	90TH	29.48
27.51	85TH	27.51
26.19	80TH	26.19
25.19	75TH	25.19
24.41	70TH	24.41
23.77	65TH	23.77
23.22	60TH	23.22
22.75	55TH	22.75
22.33	50TH	22.33
21.96	45TH	21.96
21.62	40TH	21.62
21.31	35TH	21.31
21.02	30TH	21.02
20.75	25TH	20.75
20.47	20TH	20.47
20.20	15TH	20.20
19.88	10TH	19.88
19.45	5TH	19.45
19.17	3RD	19.17
18.95	2RD	18.95
18.56	1ST	18.56

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

WEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
111.50-113.50	1	9414	0.01	100.00
109.50-111.50	0	9413	0.00	99.99
107.50-109.50	0	9413	0.00	99.99
105.50-107.50	0	9413	0.00	99.99
103.50-105.50	0	9413	0.00	99.99
101.50-103.50	0	9413	0.00	99.99
99.50-101.50	2	9413	0.02	99.99
97.50- 99.50	0	9411	0.00	99.97
95.50- 97.50	5	9411	0.05	99.97
93.50- 95.50	11	9406	0.12	99.91
91.50- 93.50	7	9395	0.07	99.80
89.50- 91.50	25	9388	0.27	99.72
87.50- 89.50	20	9363	0.21	99.46
85.50- 87.50	26	9343	0.28	99.25
83.50- 85.50	48	9317	0.51	98.97
81.50- 83.50	40	9269	0.42	98.46
79.50- 81.50	87	9229	0.92	98.03
77.50- 79.50	95	9142	1.01	97.11
75.50- 77.50	89	9047	0.95	96.10
73.50- 75.50	229	8958	2.43	95.16
71.50- 73.50	176	8729	1.87	92.72
69.50- 71.50	484	8553	5.14	90.85
67.50- 69.50	410	8069	4.36	85.71
65.50- 67.50	565	7659	6.00	81.36
63.50- 65.50	1108	7094	11.77	75.36
61.50- 63.50	816	5986	8.67	63.59
59.50- 61.50	1425	5170	15.14	54.92
57.50- 59.50	877	3745	9.32	39.78
55.50- 57.50	783	2868	8.32	30.47
53.50- 55.50	1020	2085	10.83	22.15
51.50- 53.50	407	1065	4.32	11.31
49.50- 51.50	428	658	4.55	6.99
47.50- 49.50	105	230	1.12	2.44
45.50- 47.50	63	125	0.67	1.33
43.50- 45.50	50	62	0.53	0.66
41.50- 43.50	8	12	0.08	0.13
39.50- 41.50	4	4	0.04	0.04

*IN KILOGRAMS

THE SUMMARY STATISTICS

KILOGRAMS		POUNDS
61.63	MEAN VALUE	135.59
0.08	SE(MEAN)	0.17
7.72	SD DEVIATION	16.98
0.06	SE(SD DEV)	0.12

****

SYMMETRY---VETA I = 0.86
KURTOSIS---VETA II = 4.68
COEF. OF VARIATION = 12.52

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

KILOGRAMS		POUNDS
85.86	99TH	188.90
81.36	98TH	178.99
78.80	97TH	173.36
75.65	95TH	166.43
71.45	90TH	157.18
68.98	85TH	151.75
67.20	80TH	147.85
65.77	75TH	144.70
64.57	70TH	142.05
63.51	65TH	139.72
62.55	60TH	137.60
61.65	55TH	135.62
60.79	50TH	133.73
59.95	45TH	131.89
59.12	40TH	130.07
58.29	35TH	128.24
57.43	30TH	126.34
56.51	25TH	124.32
55.50	20TH	122.10
54.34	15TH	119.55
52.89	10TH	116.37
50.76	5TH	111.68
49.39	3RD	108.66
48.39	2RD	106.45
46.83	1ST	103.02

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

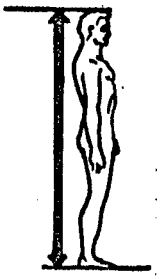
.....

HEIGHT (STATURE)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
192.25-193.25	1	9414	0.01	100.00
191.25-192.25	0	9413	0.00	99.99
190.25-191.25	0	9413	0.00	99.99
189.25-190.25	1	9413	0.01	99.99
188.25-189.25	1	9412	0.01	99.98
187.25-188.25	1	9411	0.01	99.97
186.25-187.25	0	9410	0.00	99.96
185.25-186.25	5	9410	0.05	99.96
184.25-185.25	9	9405	0.10	99.90
183.25-184.25	19	9396	0.20	99.81
182.25-183.25	17	9377	0.18	99.61
181.25-182.25	20	9360	0.21	99.43
180.25-181.25	39	9340	0.41	99.21
179.25-180.25	53	9301	0.56	98.80
178.25-179.25	90	9248	0.96	98.24
177.25-178.25	119	9158	1.26	97.28
176.25-177.25	165	9039	1.75	96.02
175.25-176.25	172	8874	1.83	94.26
174.25-175.25	235	8702	2.50	92.44
173.25-174.25	291	8467	3.09	89.94
172.25-173.25	419	8176	4.45	86.85
171.25-172.25	459	7757	4.88	82.40
170.25-171.25	480	7298	5.10	77.52
169.25-170.25	514	6818	5.46	72.42
168.25-169.25	543	6304	5.77	66.96
167.25-168.25	663	5761	7.04	61.20
166.25-167.25	675	5098	7.17	54.15
165.25-166.25	677	4423	7.19	46.98
164.25-165.25	671	3746	7.13	39.79
163.25-164.25	542	3075	5.76	32.66
162.25-163.25	565	2533	6.00	26.91
161.25-162.25	456	1968	4.84	20.91
160.25-161.25	389	1512	4.13	16.06
159.25-160.25	271	1123	2.88	11.93
158.25-159.25	222	852	2.36	9.05
157.25-158.25	196	630	2.08	6.69
156.25-157.25	140	434	1.49	4.61
155.25-156.25	92	294	0.98	3.12
154.25-155.25	72	202	0.76	2.15
153.25-154.25	51	130	0.54	1.38
152.25-153.25	36	79	0.38	0.84
151.25-152.25	23	43	0.24	0.46
150.25-151.25	8	20	0.08	0.21
149.25-150.25	4	12	0.04	0.13
148.25-149.25	3	8	0.03	0.08
147.25-148.25	4	5	0.04	0.05
146.25-147.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
166.85	MEAN VALUE	65.69
0.06	SE(MEAN)	0.02
5.77	SD DEVIATION	2.27
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.10
KURTOSIS---VETA II = 3.06
COEF. OF VARIATION = 3.46

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
180.71	99TH	71.15
179.08	98TH	70.50
178.02	97TH	70.09
176.58	95TH	69.52
174.35	90TH	68.64
172.85	85TH	68.05
171.67	80TH	67.59
170.67	75TH	67.19
169.77	70TH	66.84
168.95	65TH	66.52
168.18	60TH	66.21
167.45	55TH	65.92
166.72	50TH	65.64
166.00	45TH	65.35
165.28	40TH	65.07
164.54	35TH	64.78
163.76	30TH	64.47
162.92	25TH	64.14
161.99	20TH	63.78
160.92	15TH	63.35
159.55	10TH	62.82
157.51	5TH	62.01
156.15	3RD	61.48
155.13	2RD	61.08
153.47	1ST	60.42

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CERVICALE HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
165.25-166.25	1	9414	0.01	100.00
164.25-165.25	0	9413	0.00	99.99
163.25-164.25	1	9413	0.01	99.99
162.25-163.25	2	9412	0.02	99.98
161.25-162.25	2	9410	0.02	99.96
160.25-161.25	2	9408	0.02	99.94
159.25-160.25	10	9406	0.11	99.91
158.25-159.25	16	9396	0.17	99.81
157.25-158.25	15	9380	0.16	99.64
156.25-157.25	27	9365	0.29	99.48
155.25-156.25	36	9338	0.38	99.19
154.25-155.25	61	9302	0.65	98.81
153.25-154.25	109	9241	1.16	98.16
152.25-153.25	127	9132	1.35	97.00
151.25-152.25	170	9005	1.81	95.66
150.25-151.25	185	8835	1.97	93.85
149.25-150.25	213	8650	2.26	91.88
148.25-149.25	305	8437	3.24	89.62
147.25-148.25	430	8132	4.57	86.38
146.25-147.25	484	7702	5.14	81.81
145.25-146.25	563	7218	5.98	76.67
144.25-145.25	649	6655	6.89	70.69
143.25-144.25	663	6006	7.04	63.80
142.25-143.25	754	5343	8.01	56.76
141.25-142.25	743	4589	7.89	48.75
140.25-141.25	610	3846	6.48	40.85
139.25-140.25	528	3236	5.61	34.37
138.25-139.25	567	2708	6.02	28.77
137.25-138.25	484	2141	5.14	22.74
136.25-137.25	400	1657	4.25	17.60
135.25-136.25	372	1257	3.95	13.35
134.25-135.25	256	885	2.72	9.40
133.25-134.25	229	629	2.43	6.68
132.25-133.25	145	400	1.54	4.25
131.25-132.25	99	255	1.05	2.71
130.25-131.25	56	156	0.59	1.66
129.25-130.25	43	100	0.46	1.06
128.25-129.25	22	57	0.23	0.61
127.25-128.25	16	35	0.17	0.37
126.25-127.25	12	19	0.13	0.20
125.25-126.25	4	7	0.04	0.07
124.25-125.25	1	3	0.01	0.03
123.25-124.25	2	2	0.02	0.02

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
142.41	MEAN VALUE	56.07
0.06	SE(MEAN)	0.02
5.49	SD DEVIATION	2.16
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.13
KURTOSIS---VETA II = 3.05
COEF. OF VARIATION = 3.86

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
155.85	99TH	61.36
154.14	98TH	60.69
153.08	97TH	60.27
151.66	95TH	59.71
149.52	90TH	58.87
148.10	85TH	58.31
147.00	80TH	57.87
146.05	75TH	57.50
145.21	70TH	57.17
144.44	65TH	56.87
143.71	60TH	56.58
143.01	55TH	56.30
142.32	50TH	56.03
141.64	45TH	55.76
140.94	40TH	55.49
140.23	35TH	55.21
139.49	30TH	54.92
138.68	25TH	54.60
137.79	20TH	54.25
136.76	15TH	53.84
135.47	10TH	53.33
133.58	5TH	52.59
132.38	3RD	52.12
131.51	2RD	51.77
130.15	1ST	51.24

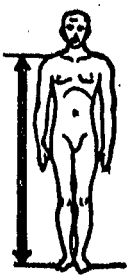
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER (ACROMION) HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
159.25-160.25	1	9414	0.01	100.00
158.25-159.25	2	9413	0.02	99.99
157.25-158.25	0	9411	0.00	99.97
156.25-157.25	0	9411	0.00	99.97
155.25-156.25	3	9411	0.03	99.97
154.25-155.25	5	9408	0.05	99.94
153.25-154.25	8	9403	0.08	99.88
152.25-153.25	12	9395	0.13	99.80
151.25-152.25	10	9383	0.11	99.67
150.25-151.25	34	9373	0.36	99.56
149.25-150.25	34	9339	0.36	99.20
148.25-149.25	57	9305	0.61	98.84
147.25-148.25	104	9248	1.10	98.24
146.25-147.25	137	9144	1.46	97.13
145.25-146.25	174	9007	1.85	95.68
144.25-145.25	222	8833	2.36	93.83
143.25-144.25	295	8611	3.13	91.47
142.25-143.25	396	8316	4.21	88.34
141.25-142.25	437	7920	4.64	84.13
140.25-141.25	487	7483	5.17	79.49
139.25-140.25	499	6996	5.30	74.31
138.25-139.25	629	6497	6.68	69.01
137.25-138.25	687	5868	7.30	62.33
136.25-137.25	669	5181	7.11	55.04
135.25-136.25	669	4512	7.11	47.93
134.25-135.25	726	3843	7.71	40.82
133.25-134.25	653	3117	6.94	33.11
132.25-133.25	557	2464	5.92	26.17
131.25-132.25	515	1907	5.47	20.26
130.25-131.25	385	1392	4.09	14.79
129.25-130.25	294	1007	3.12	10.70
128.25-129.25	203	713	2.16	7.57
127.25-128.25	183	510	1.94	5.42
126.25-127.25	114	327	1.21	3.47
125.25-126.25	64	213	0.68	2.26
124.25-125.25	69	149	0.73	1.58
123.25-124.25	32	80	0.34	0.85
122.25-123.25	22	48	0.23	0.51
121.25-122.25	8	26	0.08	0.28
120.25-121.25	13	18	0.14	0.19
119.25-120.25	3	5	0.03	0.05
118.25-119.25	1	2	0.01	0.02
117.25-118.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
136.72	MEAN VALUE	53.83
0.06	SE(MEAN)	0.02
5.40	SD DEVIATION	2.13
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.13
KURTOSIS---VETA II = 3.05
COEF. OF VARIATION = 3.95

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
149.60	99TH	58.90
148.16	98TH	58.33
147.20	97TH	57.95
145.88	95TH	57.43
143.79	90TH	56.61
142.38	85TH	56.05
141.26	80TH	55.62
140.31	75TH	55.24
139.46	70TH	54.90
138.68	65TH	54.60
137.95	60TH	54.31
137.26	55TH	54.04
136.57	50TH	53.77
135.90	45TH	53.50
135.22	40TH	53.24
134.53	35TH	52.96
133.81	30TH	52.68
133.03	25TH	52.37
132.18	20TH	52.04
131.19	15TH	51.65
129.95	10TH	51.16
128.10	5TH	50.43
126.86	3RD	49.95
125.93	2RD	49.58
124.41	1ST	48.98

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

WAIST (TOP OF HIP BONE) HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
119.25-120.25	1	9414	0.01	100.00
118.25-119.25	0	9413	0.00	99.99
117.25-118.25	0	9413	0.00	99.99
116.25-117.25	2	9413	0.02	99.99
115.25-116.25	5	9411	0.05	99.97
114.25-115.25	6	9406	0.06	99.91
113.25-114.25	5	9400	0.05	99.85
112.25-113.25	20	9395	0.21	99.80
111.25-112.25	32	9375	0.34	99.59
110.25-111.25	61	9343	0.65	99.25
109.25-110.25	86	9282	0.91	98.60
108.25-109.25	119	9196	1.26	97.68
107.25-108.25	183	9077	1.94	96.42
106.25-107.25	307	8894	3.26	94.48
105.25-106.25	389	8587	4.13	91.22
104.25-105.25	462	8198	4.91	87.08
103.25-104.25	584	7736	6.20	82.18
102.25-103.25	714	7152	7.58	75.97
101.25-102.25	786	6438	8.35	68.39
100.25-101.25	810	5652	8.60	60.04
99.25-100.25	807	4842	8.57	51.43
98.25- 99.25	823	4035	8.74	42.86
97.25- 98.25	771	3212	8.19	34.12
96.25- 97.25	690	2441	7.33	25.93
95.25- 96.25	486	1751	5.16	18.60
94.25- 95.25	434	1265	4.61	13.44
93.25- 94.25	314	831	3.34	8.83
92.25- 93.25	223	517	2.37	5.49
91.25- 92.25	138	294	1.47	3.12
90.25- 91.25	67	156	0.71	1.66
89.25- 90.25	41	89	0.44	0.95
88.25- 89.25	24	48	0.25	0.51
87.25- 88.25	15	24	0.16	0.25
86.25- 87.25	3	9	0.03	0.10
85.25- 86.25	4	6	0.04	0.06
84.25- 85.25	1	2	0.01	0.02
83.25- 84.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
100.14	MEAN VALUE	39.43
0.05	SE(MEAN)	0.02
4.43	SD DEVIATION	1.74
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.12
KURTOSIS---VETA II = 3.01
COEF. OF VARIATION = 4.42

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
110.85	99TH	43.64
109.56	98TH	43.13
108.74	97TH	42.81
107.63	95TH	42.37
105.93	90TH	41.70
104.79	85TH	41.26
103.89	80TH	40.90
103.13	75TH	40.60
102.44	70TH	40.33
101.81	65TH	40.08
101.22	60TH	39.85
100.65	55TH	39.62
100.08	50TH	39.40
99.52	45TH	39.18
98.96	40TH	38.96
98.38	35TH	38.73
97.77	30TH	38.49
97.12	25TH	38.24
96.40	20TH	37.95
95.57	15TH	37.63
94.54	10TH	37.22
93.05	5TH	36.63
92.11	3RD	36.26
91.43	2RD	36.00
90.39	1ST	35.59

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CROTCH HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
94.25- 95.25	1	9414	0.01	100.00
93.25- 94.25	0	9413	0.00	99.99
92.25- 93.25	0	9413	0.00	99.99
91.25- 92.25	2	9413	0.02	99.99
90.25- 91.25	3	9411	0.03	99.97
89.25- 90.25	8	9408	0.08	99.94
88.25- 89.25	21	9400	0.22	99.85
87.25- 88.25	39	9379	0.41	99.63
86.25- 87.25	43	9340	0.46	99.21
85.25- 86.25	107	9297	1.14	98.76
84.25- 85.25	130	9190	1.38	97.62
83.25- 84.25	233	9060	2.48	96.24
82.25- 83.25	346	8827	3.68	93.76
81.25- 82.25	432	8481	4.59	90.09
80.25- 81.25	547	8049	5.81	85.50
79.25- 80.25	672	7502	7.14	79.69
78.25- 79.25	735	6830	7.81	72.55
77.25- 78.25	878	6095	9.33	64.74
76.25- 77.25	873	5217	9.27	55.42
75.25- 76.25	901	4344	9.57	46.14
74.25- 75.25	856	3443	9.09	36.57
73.25- 74.25	698	2587	7.41	27.48
72.25- 73.25	569	1889	6.04	20.07
71.25- 72.25	459	1320	4.88	14.02
70.25- 71.25	301	861	3.20	9.15
69.25- 70.25	198	560	2.10	5.95
68.25- 69.25	147	362	1.56	3.85
67.25- 68.25	120	215	1.27	2.28
66.25- 67.25	43	95	0.46	1.01
65.25- 66.25	23	52	0.24	0.55
64.25- 65.25	14	29	0.15	0.31
63.25- 64.25	8	15	0.08	0.16
62.25- 63.25	3	7	0.03	0.07
61.25- 62.25	3	4	0.03	0.04
60.25- 61.25	0	1	0.00	0.01
59.25- 60.25	0	1	0.00	0.01
58.25- 59.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
76.76	MEAN VALUE	30.22
0.04	SE(MEAN)	0.02
4.22	SD DEVIATION	1.66
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.05
KURTOSIS---VETA II = 3.03
COEF. OF VARIATION = 5.49

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
86.80	99TH	34.17
85.57	98TH	33.69
84.80	97TH	33.39
83.76	95TH	32.98
82.18	90TH	32.35
81.12	85TH	31.94
80.29	80TH	31.61
79.57	75TH	31.33
78.93	70TH	31.08
78.34	65TH	30.84
77.78	60TH	30.62
77.24	55TH	30.41
76.71	50TH	30.20
76.18	45TH	29.99
75.64	40TH	29.78
75.08	35TH	29.56
74.50	30TH	29.33
73.86	25TH	29.08
73.16	20TH	28.80
72.35	15TH	28.48
71.32	10TH	28.08
69.82	5TH	27.49
68.86	3RD	27.11
68.16	2RD	26.84
67.08	1ST	26.41

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

KNEE HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
59.25- 59.75	1	9414	0.01	100.00
58.75- 59.25	0	9413	0.00	99.99
58.25- 58.75	3	9413	0.03	99.99
57.75- 58.25	9	9410	0.10	99.96
57.25- 57.75	10	9401	0.11	99.86
56.75- 57.25	13	9391	0.14	99.76
56.25- 56.75	25	9378	0.27	99.62
55.75- 56.25	36	9353	0.38	99.35
55.25- 55.75	75	9317	0.80	98.97
54.75- 55.25	89	9242	0.95	98.17
54.25- 54.75	138	9153	1.47	97.23
53.75- 54.25	137	9015	1.46	95.76
53.25- 53.75	325	8878	3.45	94.31
52.75- 53.25	315	8553	3.35	90.85
52.25- 52.75	533	8238	5.66	87.51
51.75- 52.25	473	7705	5.02	81.85
51.25- 51.75	752	7232	7.99	76.82
50.75- 51.25	587	6480	6.24	68.83
50.25- 50.75	857	5893	9.10	62.60
49.75- 50.25	579	5036	6.15	53.49
49.25- 49.75	918	4457	9.75	47.34
48.75- 49.25	603	3539	6.41	37.59
48.25- 48.75	797	2936	8.47	31.19
47.75- 48.25	471	2139	5.00	22.72
47.25- 47.75	580	1668	6.16	17.72
46.75- 47.25	289	1088	3.07	11.56
46.25- 46.75	280	799	2.97	8.49
45.75- 46.25	164	519	1.74	5.51
45.25- 45.75	158	355	1.68	3.77
44.75- 45.25	101	197	1.07	2.09
44.25- 44.75	43	96	0.46	1.02
43.75- 44.25	25	53	0.27	0.56
43.25- 43.75	13	28	0.14	0.30
42.75- 43.25	6	15	0.06	0.16
42.25- 42.75	3	9	0.03	0.10
41.75- 42.25	6	6	0.06	0.06

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
50.01	MEAN VALUE	19.69
0.02	SE(MEAN)	0.01
2.41	SD DEVIATION	0.95
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 2.99
COEF. OF VARIATION = 4.81

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
55.82	99TH	21.98
55.10	98TH	21.69
54.65	97TH	21.52
54.05	95TH	21.28
53.14	90TH	20.92
52.53	85TH	20.68
52.05	80TH	20.49
51.64	75TH	20.33
51.27	70TH	20.19
50.93	65TH	20.05
50.61	60TH	19.93
50.30	55TH	19.80
49.99	50TH	19.68
49.69	45TH	19.56
49.38	40TH	19.44
49.06	35TH	19.31
48.72	30TH	19.18
48.36	25TH	19.04
47.96	20TH	18.88
47.50	15TH	18.70
46.93	10TH	18.48
46.10	5TH	18.15
45.59	3RD	17.95
45.23	2RD	17.81
44.69	1ST	17.59

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CALF HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
42.25- 42.75	6	9414	0.06	100.00
41.75- 42.25	3	9408	0.03	99.94
41.25- 41.75	4	9405	0.04	99.90
40.75- 41.25	12	9401	0.13	99.86
40.25- 40.75	15	9389	0.16	99.73
39.75- 40.25	14	9374	0.15	99.58
39.25- 39.75	58	9360	0.62	99.43
38.75- 39.25	47	9302	0.50	98.81
38.25- 38.75	122	9255	1.30	98.31
37.75- 38.25	144	9133	1.53	97.02
37.25- 37.75	296	8989	3.14	95.49
36.75- 37.25	252	8693	2.68	92.34
36.25- 36.75	530	8441	5.63	89.66
35.75- 36.25	534	7911	5.67	84.03
35.25- 35.75	720	7377	7.65	78.36
34.75- 35.25	641	6657	6.81	70.71
34.25- 34.75	962	6016	10.22	63.90
33.75- 34.25	775	5054	8.23	53.69
33.25- 33.75	884	4279	9.39	45.45
32.75- 33.25	697	3395	7.40	36.06
32.25- 32.75	810	2698	8.60	28.66
31.75- 32.25	478	1888	5.08	20.06
31.25- 31.75	504	1410	5.35	14.98
30.75- 31.25	309	906	3.28	9.62
30.25- 30.75	261	597	2.77	6.34
29.75- 30.25	119	336	1.26	3.57
29.25- 29.75	106	217	1.13	2.31
28.75- 29.25	50	111	0.53	1.18
28.25- 28.75	31	61	0.33	0.65
27.75- 28.25	13	30	0.14	0.32
27.25- 27.75	10	17	0.11	0.18
26.75- 27.25	2	7	0.02	0.07
26.25- 26.75	2	5	0.02	0.05
25.75- 26.25	2	3	0.02	0.03
25.25- 25.75	0	1	0.00	0.01
24.75- 25.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
34.04	MEAN VALUE	13.40
0.02	SE(MEAN)	0.01
2.19	SD DEVIATION	0.86
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.10
KURTOSIS---VETA II = 3.15
COEF. OF VARIATION = 6.44

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
39.36	99TH	15.50
38.68	98TH	15.23
38.25	97TH	15.06
37.69	95TH	14.84
36.85	90TH	14.51
36.30	85TH	14.29
35.86	80TH	14.12
35.49	75TH	13.97
35.16	70TH	13.84
34.86	65TH	13.72
34.57	60TH	13.61
34.29	55TH	13.50
34.02	50TH	13.39
33.75	45TH	13.29
33.47	40TH	13.18
33.19	35TH	13.07
32.89	30TH	12.95
32.56	25TH	12.82
32.20	20TH	12.68
31.78	15TH	12.51
31.26	10TH	12.31
30.49	5TH	12.00
30.00	3RD	11.81
29.64	2RD	11.67
29.09	1ST	11.45

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

FUNCTIONAL ARM REACH-FORWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
93.25- 94.25	2	9414	0.02	100.00
92.25- 93.25	4	9412	0.04	99.98
91.25- 92.25	1	9408	0.01	99.94
90.25- 91.25	2	9407	0.02	99.93
89.25- 90.25	12	9405	0.13	99.90
88.25- 89.25	28	9393	0.30	99.78
87.25- 88.25	27	9365	0.29	99.48
86.25- 87.25	51	9338	0.54	99.19
85.25- 86.25	89	9287	0.95	98.65
84.25- 85.25	136	9198	1.44	97.71
83.25- 84.25	243	9062	2.58	96.26
82.25- 83.25	346	8819	3.68	93.68
81.25- 82.25	428	8473	4.55	90.00
80.25- 81.25	550	8045	5.84	85.46
79.25- 80.25	624	7495	6.63	79.62
78.25- 79.25	772	6871	8.20	72.99
77.25- 78.25	883	6099	9.38	64.79
76.25- 77.25	903	5216	9.59	55.41
75.25- 76.25	848	4313	9.01	45.81
74.25- 75.25	861	3465	9.15	36.81
73.25- 74.25	735	2604	7.81	27.66
72.25- 73.25	631	1869	6.70	19.85
71.25- 72.25	452	1238	4.80	13.15
70.25- 71.25	352	786	3.74	8.35
69.25- 70.25	171	434	1.82	4.61
68.25- 69.25	126	263	1.34	2.79
67.25- 68.25	66	137	0.70	1.46
66.25- 67.25	33	71	0.35	0.75
65.25- 66.25	11	38	0.12	0.40
64.25- 65.25	13	27	0.14	0.29
63.25- 64.25	9	14	0.10	0.15
62.25- 63.25	3	5	0.03	0.05
61.25- 62.25	2	2	0.02	0.02

*IN CENTIMETERS

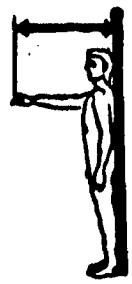
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
76.79	MEAN VALUE	30.23
0.04	SE(MEAN)	0.02
4.14	SD DEVIATION	1.63
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.15
KURTOSIS---VETA II = 3.09
COEF. OF VARIATION = 5.39

****



NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
86.80	99TH	34.17
85.62	98TH	33.71
84.86	97TH	33.41
83.82	95TH	33.00
82.20	90TH	32.36
81.11	85TH	31.93
80.26	80TH	31.60
79.53	75TH	31.31
78.88	70TH	31.06
78.29	65TH	30.82
77.73	60TH	30.60
77.19	55TH	30.39
76.67	50TH	30.18
76.15	45TH	29.98
75.63	40TH	29.78
75.10	35TH	29.57
74.54	30TH	29.35
73.95	25TH	29.11
73.29	20TH	28.86
72.54	15TH	28.56
71.60	10TH	28.19
70.23	5TH	27.65
69.34	3RD	27.30
68.68	2ND	27.04
67.64	1ST	26.63

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

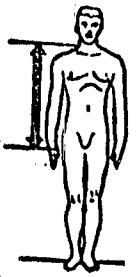
.....

COAT LENGTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
80.25-	80.75	1	9414	0.01	100.00
79.75-	80.25	2	9413	0.02	99.99
79.25-	79.75	0	9411	0.00	99.97
78.75-	79.25	4	9411	0.04	99.97
78.25-	78.75	8	9407	0.08	99.93
77.75-	78.25	8	9399	0.08	99.84
77.25-	77.75	7	9391	0.07	99.76
76.75-	77.25	17	9384	0.18	99.68
76.25-	76.75	39	9367	0.41	99.50
75.75-	76.25	45	9328	0.48	99.09
75.25-	75.75	66	9283	0.70	98.61
74.75-	75.25	66	9217	0.70	97.91
74.25-	74.75	94	9151	1.00	97.21
73.75-	74.25	144	9057	1.53	96.21
73.25-	73.75	173	8913	1.84	94.68
72.75-	73.25	217	8740	2.31	92.84
72.25-	72.75	290	8523	3.08	90.54
71.75-	72.25	312	8233	3.31	87.45
71.25-	71.75	378	7921	4.02	84.14
70.75-	71.25	440	7543	4.67	80.13
70.25-	70.75	537	7103	5.70	75.45
69.75-	70.25	463	6566	4.92	69.75
69.25-	69.75	618	6103	6.56	64.83
68.75-	69.25	563	5485	5.98	58.26
68.25-	68.75	610	4922	6.48	52.28
67.75-	68.25	589	4312	6.26	45.80
67.25-	67.75	578	3723	6.14	39.55
66.75-	67.25	517	3145	5.49	33.41
66.25-	66.75	487	2628	5.17	27.92
65.75-	66.25	393	2141	4.17	22.74
65.25-	65.75	401	1748	4.26	18.57
64.75-	65.25	298	1347	3.17	14.31
64.25-	64.75	289	1049	3.07	11.14
63.75-	64.25	186	760	1.98	8.07
63.25-	63.75	152	574	1.61	6.10
62.75-	63.25	127	422	1.35	4.48
62.25-	62.75	97	295	1.03	3.13
61.75-	62.25	55	198	0.58	2.10
61.25-	61.75	42	143	0.45	1.52
60.75-	61.25	33	101	0.35	1.07
60.25-	60.75	27	68	0.29	0.72
59.75-	60.25	17	41	0.18	0.44
59.25-	59.75	11	24	0.12	0.25
58.75-	59.25	8	13	0.08	0.14
58.25-	58.75	1	5	0.01	0.05
57.75-	58.25	2	4	0.02	0.04
57.25-	57.75	1	2	0.01	0.02
56.75-	57.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
68.60	MEAN VALUE	27.01
0.03	SE(MEAN)	0.01
3.17	SD DEVIATION	1.25
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.04
KURTOSIS---VETA II = 3.03
COEF. OF VARIATION = 4.62

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
76.18	99TH	29.99
75.25	98TH	29.63
74.67	97TH	29.40
73.88	95TH	29.09
72.68	90TH	28.61
71.88	85TH	28.30
71.25	80TH	28.05
70.71	75TH	27.84
70.23	70TH	27.65
69.79	65TH	27.48
69.37	60TH	27.31
68.97	55TH	27.15
68.57	50TH	27.00
68.18	45TH	26.84
67.78	40TH	26.69
67.37	35TH	26.52
66.94	30TH	26.35
66.47	25TH	26.17
65.95	20TH	25.96
65.35	15TH	25.73
64.58	10TH	25.42
63.42	5TH	24.97
62.66	3RD	24.67
62.10	2RD	24.45
61.19	1ST	24.09

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

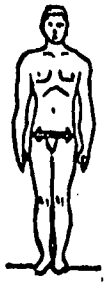
.....

HIP BREADTH-STANDING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
41.75- 42.25	1	9414	0.01	100.00
41.25- 41.75	0	9413	0.00	99.99
40.75- 41.25	0	9413	0.00	99.99
40.25- 40.75	0	9413	0.00	99.99
39.75- 40.25	0	9413	0.00	99.99
39.25- 39.75	0	9413	0.00	99.99
38.75- 39.25	1	9413	0.01	99.99
38.25- 38.75	0	9412	0.00	99.98
37.75- 38.25	3	9412	0.03	99.98
37.25- 37.75	6	9409	0.06	99.95
36.75- 37.25	17	9403	0.18	99.88
36.25- 36.75	41	9386	0.44	99.70
35.75- 36.25	72	9345	0.76	99.27
35.25- 35.75	146	9273	1.55	98.50
34.75- 35.25	226	9127	2.40	96.95
34.25- 34.75	368	8901	3.91	94.55
33.75- 34.25	524	8533	5.57	90.64
33.25- 33.75	831	8009	8.83	85.08
32.75- 33.25	956	7178	10.16	76.25
32.25- 32.75	1235	6222	13.12	66.09
31.75- 32.25	1129	4987	11.99	52.97
31.25- 31.75	1223	3858	12.99	40.98
30.75- 31.25	944	2635	10.03	27.99
30.25- 30.75	744	1691	7.90	17.96
29.75- 30.25	429	947	4.56	10.06
29.25- 29.75	295	518	3.13	5.50
28.75- 29.25	120	223	1.27	2.37
28.25- 28.75	65	103	0.69	1.09
27.75- 28.25	21	38	0.22	0.40
27.25- 27.75	10	17	0.11	0.18
26.75- 27.25	4	7	0.04	0.07
26.25- 26.75	3	3	0.03	0.03

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
32.17	MEAN VALUE	12.67
0.02	SE(MEAN)	0.01
1.56	SD DEVIATION	0.61
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.20
KURTOSIS---VETA II = 3.28
COEF. OF VARIATION = 4.85

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
36.08	99TH	14.21
35.58	98TH	14.01
35.26	97TH	13.88
34.84	95TH	13.72
34.20	90TH	13.46
33.78	85TH	13.30
33.46	80TH	13.17
33.18	75TH	13.06
32.94	70TH	12.97
32.72	65TH	12.88
32.51	60TH	12.80
32.31	55TH	12.72
32.11	50TH	12.64
31.92	45TH	12.57
31.73	40TH	12.49
31.53	35TH	12.41
31.32	30TH	12.33
31.10	25TH	12.24
30.86	20TH	12.15
30.57	15TH	12.04
30.22	10TH	11.90
29.69	5TH	11.69
29.35	3RD	11.55
29.09	2RD	11.45
28.69	1ST	11.29

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
CHEST BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
39.75- 40.25	1	9414	0.01	100.00
39.25- 39.75	1	9413	0.01	99.99
38.75- 39.25	0	9412	0.00	99.98
38.25- 38.75	3	9412	0.03	99.98
37.75- 38.25	1	9409	0.01	99.95
37.25- 37.75	1	9408	0.01	99.94
36.75- 37.25	4	9407	0.04	99.93
36.25- 36.75	4	9403	0.04	99.88
35.75- 36.25	12	9399	0.13	99.84
35.25- 35.75	22	9387	0.23	99.71
34.75- 35.25	13	9365	0.14	99.48
34.25- 34.75	43	9352	0.46	99.34
33.75- 34.25	47	9309	0.50	98.88
33.25- 33.75	70	9262	0.74	98.39
32.75- 33.25	130	9192	1.38	97.64
32.25- 32.75	187	9062	1.99	96.26
31.75- 32.25	257	8875	2.73	94.27
31.25- 31.75	450	8618	4.78	91.54
30.75- 31.25	616	8168	6.54	86.76
30.25- 30.75	862	7552	9.16	80.22
29.75- 30.25	895	6690	9.51	71.06
29.25- 29.75	1169	5795	12.42	61.56
28.75- 29.25	1035	4626	11.21	49.14
28.25- 28.75	1140	3571	12.11	37.93
27.75- 28.25	823	2431	8.74	25.82
27.25- 27.75	680	1608	7.22	17.08
26.75- 27.25	394	928	4.19	9.86
26.25- 26.75	265	534	2.81	5.67
25.75- 26.25	144	269	1.53	2.86
25.25- 25.75	69	125	0.73	1.33
24.75- 25.25	31	56	0.33	0.59
24.25- 24.75	13	25	0.14	0.27
23.75- 24.25	8	12	0.08	0.13
23.25- 23.75	2	4	0.02	0.04
22.75- 23.25	0	2	0.00	0.02
22.25- 22.75	2	2	0.02	0.02

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
29.37	MEAN VALUE	11.56
0.02	SE(MEAN)	0.01
1.78	SD DEVIATION	0.70
0.01	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.48
KURTOSIS---VETA II = 4.16
COEF. OF VARIATION = 6.05

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
34.35	99TH	13.52
33.52	98TH	13.20
33.04	97TH	13.01
32.44	95TH	12.77
31.61	90TH	12.44
31.11	85TH	12.25
30.73	80TH	12.10
30.43	75TH	11.98
30.16	70TH	11.87
29.92	65TH	11.78
29.70	60TH	11.69
29.49	55TH	11.61
29.28	50TH	11.53
29.07	45TH	11.45
28.87	40TH	11.37
28.66	35TH	11.28
28.44	30TH	11.20
28.20	25TH	11.10
27.93	20TH	11.00
27.62	15TH	10.87
27.22	10TH	10.72
26.63	5TH	10.49
26.25	3RD	10.34
25.97	2RD	10.23
25.54	1ST	10.05

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CHEST DEPTH

THE FREQUENCY TABLES

RANGES*	F	CUM F	PCT	CUM PCT
31.65- 31.35	1	9414	0.01	100.00
30.75- 31.05	1	9413	0.01	99.99
30.45- 30.75	1	9412	0.01	99.98
30.15- 30.45	0	9411	0.00	99.97
29.85- 30.15	0	9411	0.00	99.97
29.55- 29.85	0	9411	0.00	99.97
29.25- 29.55	2	9411	0.02	99.97
28.95- 29.25	3	9409	0.03	99.95
28.65- 28.95	3	9406	0.03	99.91
28.35- 28.65	5	9403	0.05	99.88
28.05- 28.35	4	9398	0.04	99.83
27.75- 28.05	4	9394	0.04	99.79
27.45- 27.75	12	9390	0.13	99.75
27.15- 27.45	9	9378	0.10	99.62
26.85- 27.15	17	9369	0.18	99.52
26.55- 26.85	25	9352	0.27	99.34
26.25- 26.55	45	9327	0.48	99.08
25.95- 26.25	57	9282	0.61	98.60
25.65- 25.95	27	9225	0.29	97.99
25.35- 25.65	98	9198	1.04	97.71
25.05- 25.35	61	9100	0.65	96.66
24.75- 25.05	110	9039	1.17	96.02
24.45- 24.75	179	8929	1.90	94.85
24.15- 24.45	195	8750	2.07	92.95
23.85- 24.15	294	8555	3.12	90.88
23.55- 23.85	289	8261	3.07	87.75
23.25- 23.55	521	7972	5.53	84.68
22.95- 23.25	707	7451	7.51	79.15
22.65- 22.95	386	6744	4.10	71.64
22.35- 22.65	820	6358	8.71	67.54
22.05- 22.35	666	5538	7.07	58.83
21.75- 22.05	883	4872	9.38	51.75
21.45- 21.75	791	3989	8.40	42.37
21.15- 21.45	697	3198	7.40	33.97
20.85- 21.15	631	2501	6.70	26.57
20.55- 20.85	413	1870	4.39	19.86
20.25- 20.55	541	1457	5.75	15.48
19.95- 20.25	358	916	3.80	9.73
19.65- 19.95	144	558	1.53	5.93
19.35- 19.65	210	414	2.23	4.40
19.05- 19.35	88	204	0.93	2.17
18.75- 19.05	59	116	0.63	1.23
18.45- 18.75	24	57	0.25	0.61
18.15- 18.45	13	33	0.14	0.35
17.85- 18.15	11	20	0.12	0.21
17.55- 17.85	2	9	0.02	0.10
17.25- 17.55	3	7	0.03	0.07
16.95- 17.25	2	4	0.02	0.04
16.65- 16.95	1	2	0.01	0.02
16.35- 16.65	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
22.12	MEAN VALUE	8.71
0.02	SE(MEAN)	0.01
1.55	SD DEVIATION	0.61
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.57
KURTOSIS---VETA II = 4.12
COEF. OF VARIATION = 7.02

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
26.58	99TH	10.47
25.83	98TH	10.17
25.39	97TH	10.00
24.85	95TH	9.78
24.10	90TH	9.49
23.65	85TH	9.31
23.31	80TH	9.18
23.03	75TH	9.07
22.79	70TH	8.97
22.58	65TH	8.89
22.38	60TH	8.81
22.19	55TH	8.74
22.01	50TH	8.67
21.83	45TH	8.59
21.65	40TH	8.52
21.47	35TH	8.45
21.28	30TH	8.38
21.07	25TH	8.30
20.84	20TH	8.21
20.58	15TH	8.10
20.25	10TH	7.97
19.78	5TH	7.79
19.48	3RD	7.67
19.27	2ND	7.58
18.94	1ST	7.45

TOTAL SERIES

VARIABLE #

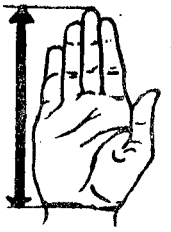
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HAND LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
22.15- 22.35	1	9414	0.01	100.00
21.95- 22.15	2	9413	0.02	99.99
21.75- 21.95	0	9411	0.00	99.97
21.55- 21.75	6	9411	0.06	99.97
21.35- 21.55	13	9405	0.14	99.90
21.15- 21.35	7	9392	0.07	99.77
20.95- 21.15	21	9385	0.22	99.69
20.75- 20.95	55	9364	0.58	99.47
20.55- 20.75	59	9309	0.63	98.88
20.35- 20.55	86	9250	0.91	98.26
20.15- 20.35	180	9164	1.91	97.34
19.95- 20.15	295	8984	3.13	95.43
19.75- 19.95	327	8689	3.47	92.30
19.55- 19.75	422	8362	4.48	88.83
19.35- 19.55	459	7940	4.88	84.34
19.15- 19.35	837	7481	8.89	79.47
18.95- 19.15	718	6644	7.63	70.58
18.75- 18.95	891	5926	9.46	62.95
18.55- 18.75	749	5035	7.96	53.48
18.35- 18.55	856	4286	9.09	45.53
18.15- 18.35	882	3430	9.37	36.44
17.95- 18.15	713	2548	7.57	27.07
17.75- 17.95	580	1835	6.16	19.49
17.55- 17.75	401	1255	4.26	13.33
17.35- 17.55	302	854	3.21	9.07
17.15- 17.35	239	552	2.54	5.86
16.95- 17.15	147	313	1.56	3.32
16.75- 16.95	80	166	0.85	1.76
16.55- 16.75	45	86	0.48	0.91
16.35- 16.55	16	41	0.17	0.44
16.15- 16.35	16	25	0.17	0.27
15.95- 16.15	4	9	0.04	0.10
15.75- 15.95	2	5	0.02	0.05
15.55- 15.75	2	3	0.02	0.03
15.35- 15.55	1	1	0.01	0.01



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.68	MEAN VALUE	7.35
0.01	SE(MEAN)	0.00
0.86	SD DEVIATION	0.34
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.13
KURTOSIS---VETA II = 3.06
COEF. OF VARIATION = 4.60

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
20.77	99TH	8.18
20.51	98TH	8.07
20.34	97TH	8.01
20.12	95TH	7.92
19.79	90TH	7.79
19.57	85TH	7.70
19.40	80TH	7.64
19.25	75TH	7.58
19.12	70TH	7.53
19.00	65TH	7.48
18.88	60TH	7.43
18.77	55TH	7.39
18.66	50TH	7.35
18.56	45TH	7.31
18.45	40TH	7.26
18.34	35TH	7.22
18.22	30TH	7.17
18.09	25TH	7.12
17.95	20TH	7.07
17.79	15TH	7.00
17.59	10TH	6.92
17.29	5TH	6.81
17.11	3RD	6.74
16.98	2ND	6.69
16.77	1ST	6.60

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

PALM LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
12.55- 12.65	1	9414	0.01	100.00
12.45- 12.55	1	9413	0.01	99.99
12.35- 12.45	1	9412	0.01	99.98
12.25- 12.35	4	9411	0.04	99.97
12.15- 12.25	4	9407	0.04	99.93
12.05- 12.15	7	9403	0.07	99.88
11.95- 12.05	22	9396	0.23	99.81
11.85- 11.95	21	9374	0.22	99.58
11.75- 11.85	32	9353	0.34	99.35
11.65- 11.75	51	9321	0.54	99.01
11.55- 11.65	68	9270	0.72	98.47
11.45- 11.55	84	9202	0.89	97.75
11.35- 11.45	160	9118	1.70	96.86
11.25- 11.35	160	8958	1.70	95.16
11.15- 11.25	235	8798	2.50	93.46
11.05- 11.15	281	8563	2.98	90.96
10.95- 11.05	512	8282	5.44	87.98
10.85- 10.95	539	7770	5.73	82.54
10.75- 10.85	429	7231	4.56	76.81
10.65- 10.75	569	6802	5.96	72.25
10.55- 10.65	667	6241	7.09	66.29
10.45- 10.55	607	5574	6.45	59.21
10.35- 10.45	875	4967	9.29	52.76
10.25- 10.35	773	4092	8.21	43.47
10.15- 10.25	644	3319	6.84	35.26
10.05- 10.15	520	2675	5.52	28.42
9.95- 10.05	779	2155	8.27	22.89
9.85- 9.95	332	1376	3.53	14.62
9.75- 9.85	256	1044	2.72	11.09
9.65- 9.75	221	788	2.35	8.37
9.55- 9.65	192	567	2.04	6.02
9.45- 9.55	146	375	1.55	3.98
9.35- 9.45	80	229	0.85	2.43
9.25- 9.35	50	149	0.53	1.58
9.15- 9.25	40	99	0.42	1.05
9.05- 9.15	27	59	0.29	0.63
8.95- 9.05	15	32	0.16	0.34
8.85- 8.95	8	17	0.08	0.18
8.75- 8.85	4	9	0.04	0.10
8.65- 8.75	2	5	0.02	0.05
8.55- 8.65	0	3	0.00	0.03
8.45- 8.55	2	3	0.02	0.03
8.35- 8.45	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
10.45	MEAN VALUE	4.11
0.01	SE(MEAN)	0.00
0.52	SD DEVIATION	0.21
0.00	SE(SD DEV)	0.00

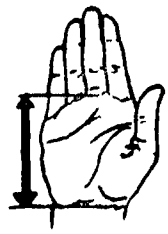
****

SYMMETRY---VETA I = 0.14
KURTOSIS---VETA II = 3.19
COEF. OF VARIATION = 5.01

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
11.74	99TH	4.62
11.58	98TH	4.56
11.48	97TH	4.52
11.39	95TH	4.47
11.13	90TH	4.38
10.99	85TH	4.33
10.88	80TH	4.28
10.79	75TH	4.25
10.71	70TH	4.22
10.64	65TH	4.19
10.57	60TH	4.16
10.50	55TH	4.13
10.44	50TH	4.11
10.37	45TH	4.08
10.31	40TH	4.06
10.24	35TH	4.03
10.17	30TH	4.01
10.10	25TH	3.98
10.02	20TH	3.94
9.92	15TH	3.91
9.80	10TH	3.86
9.62	5TH	3.79
9.49	3RD	3.74
9.40	2RD	3.70
9.24	1ST	3.64

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

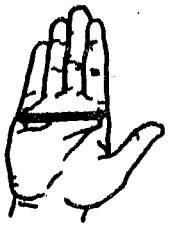
.....

HAND BREADTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
10.85-	10.95	1	9414	0.01	100.00
10.75-	10.85	0	9413	0.00	99.99
10.65-	10.75	0	9413	0.00	99.99
10.55-	10.65	0	9413	0.00	99.99
10.45-	10.55	0	9413	0.00	99.99
10.35-	10.45	0	9413	0.00	99.99
10.25-	10.35	2	9413	0.02	99.99
10.15-	10.25	2	9411	0.02	99.97
10.05-	10.15	3	9409	0.03	99.95
9.95-	10.05	13	9406	0.14	99.91
9.85-	9.95	27	9393	0.29	99.78
9.75-	9.85	37	9366	0.39	99.49
9.65-	9.75	61	9329	0.65	99.10
9.55-	9.65	90	9268	0.96	98.45
9.45-	9.55	158	9178	1.68	97.49
9.35-	9.45	259	9020	2.75	95.81
9.25-	9.35	334	8761	3.55	93.06
9.15-	9.25	438	8427	4.65	89.52
9.05-	9.15	555	7989	5.90	84.86
8.95-	9.05	1030	7434	10.94	78.97
8.85-	8.95	838	6404	8.90	68.03
8.75-	8.85	624	5566	6.63	59.12
8.65-	8.75	861	4942	9.15	52.50
8.55-	8.65	840	4081	8.92	43.35
8.45-	8.55	861	3241	9.15	34.43
8.35-	8.45	690	2380	7.33	25.28
8.25-	8.35	562	1690	5.97	17.95
8.15-	8.25	402	1128	4.27	11.98
8.05-	8.15	255	726	2.71	7.71
7.95-	8.05	206	471	2.19	5.00
7.85-	7.95	125	265	1.33	2.81
7.75-	7.85	65	140	0.69	1.49
7.65-	7.75	44	75	0.47	0.80
7.55-	7.65	14	31	0.15	0.33
7.45-	7.55	7	17	0.07	0.18
7.35-	7.45	5	10	0.05	0.11
7.25-	7.35	2	5	0.02	0.05
7.15-	7.25	1	3	0.01	0.03
7.05-	7.15	1	2	0.01	0.02
6.95-	7.05	0	1	0.00	0.01
6.85-	6.95	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
8.73	MEAN VALUE	3.44
0.00	SE(MEAN)	0.00
0.42	SD DEVIATION	0.16
0.00	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.05
KURTOSIS---VETA II = 3.07
COEF. OF VARIATION = 4.78

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
9.73	99TH	3.83
9.60	98TH	3.78
9.53	97TH	3.75
9.42	95TH	3.71
9.27	90TH	3.65
9.16	85TH	3.61
9.08	80TH	3.58
9.01	75TH	3.55
8.95	70TH	3.52
8.89	65TH	3.50
8.84	60TH	3.48
8.78	55TH	3.46
8.73	50TH	3.44
8.68	45TH	3.42
8.63	40TH	3.40
8.57	35TH	3.37
8.51	30TH	3.35
8.45	25TH	3.33
8.38	20TH	3.30
8.30	15TH	3.27
8.20	10TH	3.23
8.05	5TH	3.17
7.95	3RD	3.13
7.89	2ND	3.10
7.79	1ST	3.07

TOTAL SERIES

VARIABLE 1

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

ARM REACH-UPWARD

THE FREQUENCY TABLES

RANGES*	F	CUM F	PCT	CUM PCT
155.25-156.25	1	9414	0.01	100.00
154.25-155.25	0	9413	0.00	99.99
153.25-154.25	2	9413	0.02	99.99
152.25-153.25	4	9411	0.04	99.97
151.25-152.25	5	9407	0.05	99.93
150.25-151.25	15	9402	0.16	99.87
149.25-150.25	20	9387	0.21	99.71
148.25-149.25	27	9367	0.29	99.50
147.25-148.25	61	9340	0.65	99.21
146.25-147.25	63	9279	0.67	98.57
145.25-146.25	97	9216	1.03	97.90
144.25-145.25	174	9119	1.85	96.87
143.25-144.25	201	8945	2.14	95.02
142.25-143.25	309	8744	3.28	92.88
141.25-142.25	409	8435	4.34	89.60
140.25-141.25	471	8026	5.00	85.26
139.25-140.25	518	7555	5.50	80.25
138.25-139.25	629	7037	6.68	74.75
137.25-138.25	720	6408	7.65	68.07
136.25-137.25	743	5688	7.89	60.42
135.25-136.25	790	4945	8.39	52.53
134.25-135.25	772	4155	8.20	44.14
133.25-134.25	647	3383	6.87	35.94
132.25-133.25	683	2736	7.26	29.06
131.25-132.25	517	2053	5.49	21.81
130.25-131.25	407	1536	4.32	16.32
129.25-130.25	336	1129	3.57	11.99
128.25-129.25	257	793	2.73	8.42
127.25-128.25	195	536	2.07	5.69
126.25-127.25	122	341	1.30	3.62
125.25-126.25	87	219	0.92	2.33
124.25-125.25	54	132	0.57	1.40
123.25-124.25	44	78	0.47	0.83
122.25-123.25	13	34	0.14	0.36
121.25-122.25	10	21	0.11	0.22
120.25-121.25	6	11	0.06	0.12
119.25-120.25	3	5	0.03	0.05
118.25-119.25	1	2	0.01	0.02
117.25-118.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
136.02	MEAN VALUE	53.55
0.05	SE(MEAN)	0.02
4.94	SD DEVIATION	1.94
0.04	SE(SD DEV)	0.01

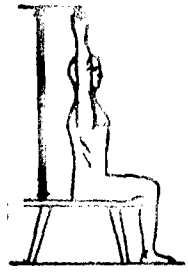
****

SYMMETRY---VSTA I = 0.06
KURTOSIS---VSTA II = -0.05
COEF. OF VARIATION = 3.63

****

NUMBER OF SUBJECTS = 9414

****



THE PERCENTILES

CENTIMETERS		INCHES
147.88	99TH	58.22
146.40	98TH	57.64
145.48	97TH	57.27
144.24	95TH	56.79
142.36	90TH	56.05
141.12	85TH	55.56
140.14	80TH	55.17
139.30	75TH	54.84
138.56	70TH	54.55
137.87	65TH	54.28
137.22	60TH	54.02
136.60	55TH	53.78
135.98	50TH	53.53
135.36	45TH	53.29
134.74	40TH	53.05
134.10	35TH	52.79
133.42	30TH	52.53
132.69	25TH	52.24
131.87	20TH	51.92
130.92	15TH	51.54
129.71	10TH	51.07
127.93	5TH	50.36
126.76	3RD	49.91
125.90	2RD	49.57
124.55	1ST	49.03

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

SITTING HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
100.25-101.25	1	9414	0.01	100.00
99.25-100.25	3	9413	0.03	99.99
98.25- 99.25	4	9410	0.04	99.96
97.25- 98.25	14	9406	0.15	99.91
96.25- 97.25	32	9392	0.34	99.77
95.25- 96.25	64	9360	0.68	99.43
94.25- 95.25	125	9296	1.33	98.75
93.25- 94.25	224	9171	2.38	97.42
92.25- 93.25	379	8947	4.03	95.04
91.25- 92.25	563	8568	5.98	91.01
90.25- 91.25	606	8005	6.56	85.03
89.25- 90.25	975	7199	10.36	76.47
88.25- 89.25	1047	6224	11.12	66.11
87.25- 88.25	1095	5177	11.63	54.99
86.25- 87.25	1105	4082	11.74	43.36
85.25- 86.25	985	2977	10.46	31.62
84.25- 85.25	717	1992	7.62	21.16
83.25- 84.25	552	1275	5.86	13.54
82.25- 83.25	335	723	3.56	7.68
81.25- 82.25	199	388	2.11	4.12
80.25- 81.25	99	189	1.05	2.01
79.25- 80.25	55	90	0.58	0.96
78.25- 79.25	26	35	0.28	0.37
77.25- 78.25	4	9	0.04	0.10
76.25- 77.25	4	5	0.04	0.05
75.25- 76.25	0	1	0.00	0.01
74.25- 75.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
87.87	MEAN VALUE	34.59
0.03	SE(MEAN)	0.01
3.26	SD DEVIATION	1.29
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.04
KURTOSIS---VETA II = 2.98
COEF. OF VARIATION = 3.71

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
95.60	99TH	37.64
94.68	98TH	37.27
94.09	97TH	37.04
93.30	95TH	36.73
92.09	90TH	36.26
91.27	85TH	35.93
90.63	80TH	35.68
90.07	75TH	35.46
89.57	70TH	35.26
89.11	65TH	35.08
88.68	60TH	34.91
88.26	55TH	34.75
87.84	50TH	34.58
87.42	45TH	34.42
87.00	40TH	34.25
86.57	35TH	34.08
86.12	30TH	33.90
85.62	25TH	33.71
85.07	20TH	33.49
84.44	15TH	33.24
83.65	10TH	32.93
82.48	5TH	32.47
81.73	3RD	32.18
81.18	2RD	31.96
80.34	1ST	31.63

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

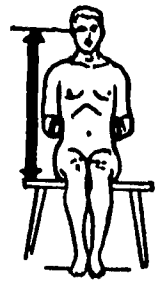
.....

EYE HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
87.25- 88.25	6	9414	0.06	100.00
86.25- 87.25	8	9408	0.08	99.94
85.25- 86.25	22	9400	0.23	99.85
84.25- 85.25	63	9378	0.67	99.62
83.25- 84.25	118	9315	1.25	98.95
82.25- 83.25	201	9197	2.14	97.69
81.25- 82.25	318	8996	3.38	95.56
80.25- 81.25	557	8678	5.92	92.18
79.25- 80.25	795	8121	8.44	86.27
78.25- 79.25	940	7326	9.99	77.82
77.25- 78.25	1091	6386	11.59	67.84
76.25- 77.25	1090	5295	11.58	56.25
75.25- 76.25	1106	4205	11.75	44.67
74.25- 75.25	960	3099	10.20	32.92
73.25- 74.25	797	2139	8.47	22.72
72.25- 73.25	557	1342	5.92	14.26
71.25- 72.25	340	785	3.61	8.34
70.25- 71.25	233	445	2.48	4.73
69.25- 70.25	119	212	1.26	2.25
68.25- 69.25	53	93	0.56	0.99
67.25- 68.25	23	40	0.24	0.42
66.25- 67.25	10	17	0.11	0.18
65.25- 66.25	5	7	0.05	0.07
64.25- 65.25	0	2	0.00	0.02
63.25- 64.25	1	2	0.01	0.02
62.25- 63.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
76.71	MEAN VALUE	30.20
0.03	SE(MEAN)	0.01
3.25	SD DEVIATION	1.28
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.01
KURTOSIS---VETA II = 2.96
COEF. OF VARIATION = 4.24

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
84.35	99TH	33.21
83.46	98TH	32.86
82.89	97TH	32.63
82.12	95TH	32.33
80.93	90TH	31.86
80.13	85TH	31.55
79.49	80TH	31.30
78.94	75TH	31.08
78.45	70TH	30.88
77.99	65TH	30.70
77.55	60TH	30.53
77.13	55TH	30.37
76.72	50TH	30.20
76.30	45TH	30.04
75.88	40TH	29.87
75.44	35TH	29.70
74.98	30TH	29.52
74.49	25TH	29.33
73.93	20TH	29.11
73.29	15TH	28.86
72.49	10TH	28.54
71.33	5TH	28.08
70.59	3RD	27.79
70.06	2RD	27.58
69.24	1ST	27.26

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

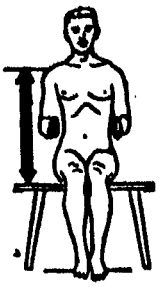
.....

MID-SHOULDER HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
70.75- 71.25	1	9414	0.01	100.00
70.25- 70.75	1	9413	0.01	99.99
69.75- 70.25	2	9412	0.02	99.98
69.25- 69.75	5	9410	0.05	99.96
68.75- 69.25	9	9405	0.10	99.90
68.25- 68.75	13	9396	0.14	99.81
67.75- 68.25	24	9383	0.25	99.67
67.25- 67.75	36	9359	0.38	99.42
66.75- 67.25	54	9323	0.57	99.03
66.25- 66.75	77	9269	0.82	98.46
65.75- 66.25	99	9192	1.05	97.64
65.25- 65.75	155	9093	1.65	96.59
64.75- 65.25	189	8938	2.01	94.94
64.25- 64.75	280	8749	2.97	92.94
63.75- 64.25	372	8469	3.95	89.96
63.25- 63.75	367	8097	3.90	86.01
62.75- 63.25	548	7730	5.82	82.11
62.25- 62.75	536	7182	5.69	76.29
61.75- 62.25	632	6646	6.71	70.60
61.25- 61.75	585	6014	6.21	63.88
60.75- 61.25	660	5429	7.01	57.67
60.25- 60.75	706	4769	7.50	50.66
59.75- 60.25	684	4063	7.27	43.16
59.25- 59.75	611	3379	6.49	35.89
58.75- 59.25	607	2768	6.45	29.40
58.25- 58.75	474	2161	5.04	22.96
57.75- 58.25	435	1687	4.62	17.92
57.25- 57.75	335	1252	3.56	13.30
56.75- 57.25	287	917	3.05	9.74
56.25- 56.75	182	630	1.93	6.69
55.75- 56.25	168	448	1.78	4.76
55.25- 55.75	90	280	0.96	2.97
54.75- 55.25	73	190	0.78	2.02
54.25- 54.75	45	117	0.48	1.24
53.75- 54.25	35	72	0.37	0.76
53.25- 53.75	14	37	0.15	0.39
52.75- 53.25	10	23	0.11	0.24
52.25- 52.75	5	13	0.05	0.14
51.75- 52.25	3	8	0.03	0.08
51.25- 51.75	2	5	0.02	0.05
50.75- 51.25	1	3	0.01	0.03
50.25- 50.75	0	2	0.00	0.02
49.75- 50.25	1	2	0.01	0.02
49.25- 49.75	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
60.76	MEAN VALUE	23.92
0.03	SE(MEAN)	0.01
2.72	SD DEVIATION	1.07
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.04
KURTOSIS---VETA II = 3.00
COEF. OF VARIATION = 4.48

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
67.21	99TH	26.46
66.45	98TH	26.16
65.97	97TH	25.97
65.31	95TH	25.71
64.29	90TH	25.31
63.60	85TH	25.04
63.06	80TH	24.83
62.59	75TH	24.64
62.18	70TH	24.48
61.79	65TH	24.33
61.43	60TH	24.18
61.08	55TH	24.05
60.74	50TH	23.91
60.39	45TH	23.78
60.04	40TH	23.64
59.69	35TH	23.50
59.31	30TH	23.35
58.91	25TH	23.19
58.46	20TH	23.01
57.94	15TH	22.81
57.28	10TH	22.55
56.32	5TH	22.17
55.70	3RD	21.93
55.24	2ND	21.75
54.52	1ST	21.46

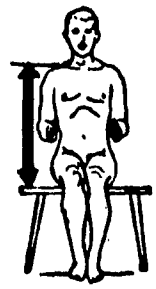
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER (ACROMION) HEIGHT SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
68.75- 69.25	1	9414	0.01	100.00
68.25- 68.75	1	9413	0.01	99.99
67.75- 68.25	0	9412	0.00	99.98
67.25- 67.75	2	9412	0.02	99.98
66.75- 67.25	9	9410	0.10	99.96
66.25- 66.75	13	9401	0.14	99.86
65.75- 66.25	15	9388	0.16	99.72
65.25- 65.75	26	9373	0.28	99.56
64.75- 65.25	34	9347	0.36	99.29
64.25- 64.75	46	9313	0.49	98.93
63.75- 64.25	74	9267	0.79	98.44
63.25- 63.75	103	9193	1.09	97.65
62.75- 63.25	162	9090	1.72	96.56
62.25- 62.75	204	8928	2.17	94.84
61.75- 62.25	295	8724	3.13	92.67
61.25- 61.75	274	8429	2.91	89.54
60.75- 61.25	363	8155	3.86	86.63
60.25- 60.75	411	7792	4.37	82.77
59.75- 60.25	544	7381	5.78	78.40
59.25- 59.75	538	6837	5.71	72.63
58.75- 59.25	630	6299	6.69	66.91
58.25- 58.75	591	5669	6.28	60.22
57.75- 58.25	647	5078	6.87	53.94
57.25- 57.75	675	4431	7.17	47.07
56.75- 57.25	674	3756	7.16	39.90
56.25- 56.75	580	3082	6.16	32.74
55.75- 56.25	542	2502	5.76	26.58
55.25- 55.75	432	1960	4.59	20.82
54.75- 55.25	381	1528	4.05	16.23
54.25- 54.75	286	1147	3.04	12.18
53.75- 54.25	248	661	2.63	9.15
53.25- 53.75	171	613	1.82	6.51
52.75- 53.25	157	442	1.67	4.70
52.25- 52.75	115	285	1.22	3.03
51.75- 52.25	73	170	0.78	1.81
51.25- 51.75	39	97	0.41	1.03
50.75- 51.25	24	58	0.25	0.62
50.25- 50.75	9	34	0.10	0.36
49.75- 50.25	10	25	0.11	0.27
49.25- 49.75	5	15	0.05	0.16
48.75- 49.25	5	10	0.05	0.11
48.25- 48.75	1	5	0.01	0.05
47.75- 48.25	2	4	0.02	0.04
47.25- 47.75	0	2	0.00	0.02
46.75- 47.25	0	2	0.00	0.02
46.25- 46.75	2	2	0.02	0.02

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
58.03	MEAN VALUE	22.85
0.03	SE(MEAN)	0.01
2.85	SD DEVIATION	1.12
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.07
KURTOSIS---VETA II = 2.99
COEF. OF VARIATION = 4.91

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
64.82	99TH	25.52
64.01	98TH	25.20
63.49	97TH	25.00
62.80	95TH	24.72
61.73	90TH	24.30
61.01	85TH	24.02
60.45	80TH	23.80
59.96	75TH	23.61
59.52	70TH	23.43
59.12	65TH	23.28
58.74	60TH	23.13
58.37	55TH	22.98
58.01	50TH	22.84
57.64	45TH	22.69
57.28	40TH	22.55
56.90	35TH	22.40
56.50	30TH	22.25
56.08	25TH	22.08
55.60	20TH	21.89
55.06	15TH	21.68
54.38	10TH	21.41
53.40	5TH	21.02
52.78	3RD	20.78
52.34	2ND	20.61
51.67	1ST	20.34

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

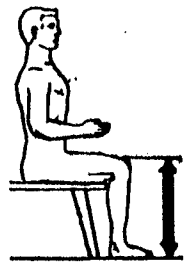
.....

KNEE HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
60.75- 61.25	1	9414	0.01	100.00
60.25- 60.75	0	9413	0.00	99.99
59.75- 60.25	2	9413	0.02	99.99
59.25- 59.75	4	9411	0.04	99.97
58.75- 59.25	4	9407	0.04	99.93
58.25- 58.75	8	9403	0.08	99.88
57.75- 58.25	22	9395	0.23	99.80
57.25- 57.75	27	9373	0.29	99.56
56.75- 57.25	50	9346	0.53	99.28
56.25- 56.75	73	9296	0.78	98.75
55.75- 56.25	129	9223	1.37	97.97
55.25- 55.75	174	9094	1.85	96.60
54.75- 55.25	237	8920	2.52	94.75
54.25- 54.75	278	8683	2.95	92.23
53.75- 54.25	460	8405	4.89	89.28
53.25- 53.75	549	7945	5.83	84.40
52.75- 53.25	683	7396	7.26	78.56
52.25- 52.75	742	6713	7.88	71.31
51.75- 52.25	859	5971	9.12	63.43
51.25- 51.75	857	5112	9.10	54.30
50.75- 51.25	812	4255	8.63	45.20
50.25- 50.75	724	3443	7.69	36.57
49.75- 50.25	763	2719	8.10	28.88
49.25- 49.75	567	1956	6.02	20.78
48.75- 49.25	455	1389	4.83	14.75
48.25- 48.75	268	934	2.85	9.92
47.75- 48.25	266	666	2.83	7.07
47.25- 47.75	171	400	1.82	4.25
46.75- 47.25	103	229	1.09	2.43
46.25- 46.75	48	126	0.51	1.34
45.75- 46.25	33	78	0.35	0.83
45.25- 45.75	20	45	0.21	0.48
44.75- 45.25	18	25	0.19	0.27
44.25- 44.75	7	7	0.07	0.07

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
51.53	MEAN VALUE	20.29
0.02	SE(MEAN)	0.01
2.23	SD DEVIATION	0.88
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.12
COEF. OF VARIATION = 4.33

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
56.99	99TH	22.44
56.30	98TH	22.16
55.86	97TH	21.99
55.28	95TH	21.76
54.41	90TH	21.42
53.83	85TH	21.19
53.38	80TH	21.02
53.00	75TH	20.87
52.66	70TH	20.73
52.35	65TH	20.61
52.06	60TH	20.49
51.78	55TH	20.38
51.50	50TH	20.27
51.22	45TH	20.17
50.94	40TH	20.06
50.66	35TH	19.94
50.36	30TH	19.83
50.03	25TH	19.70
49.67	20TH	19.56
49.25	15TH	19.39
48.72	10TH	19.18
47.93	5TH	18.87
47.41	3RD	18.67
47.03	2RD	18.52
46.42	1ST	18.28

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

POPLITEAL HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
47.75- 48.25	1	9414	0.01	100.00
47.25- 47.75	2	9413	0.02	99.99
46.75- 47.25	3	9411	0.03	99.97
46.25- 46.75	11	9408	0.12	99.94
45.75- 46.25	14	9397	0.15	99.82
45.25- 45.75	13	9383	0.14	99.67
44.75- 45.25	35	9370	0.37	99.53
44.25- 44.75	60	9335	0.64	99.16
43.75- 44.25	124	9275	1.32	98.52
43.25- 43.75	194	9151	2.06	97.21
42.75- 43.25	278	8957	2.95	95.15
42.25- 42.75	359	8679	3.81	92.19
41.75- 42.25	624	8320	6.63	88.38
41.25- 41.75	727	7696	7.72	81.75
40.75- 41.25	1003	6969	10.65	74.03
40.25- 40.75	959	5966	10.19	63.37
39.75- 40.25	1137	5007	12.08	53.19
39.25- 39.75	983	3870	10.44	41.11
38.75- 39.25	940	2887	9.99	30.67
38.25- 38.75	648	1947	6.88	20.68
37.75- 38.25	506	1299	5.37	13.80
37.25- 37.75	317	793	3.37	8.42
36.75- 37.25	233	476	2.48	5.06
36.25- 36.75	114	243	1.21	2.58
35.75- 36.25	71	129	0.75	1.37
35.25- 35.75	28	58	0.30	0.62
34.75- 35.25	13	30	0.14	0.32
34.25- 34.75	11	17	0.12	0.18
33.75- 34.25	4	6	0.04	0.06
33.25- 33.75	1	2	0.01	0.02
32.75- 33.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
40.16	MEAN VALUE	15.81
0.02	SE(MEAN)	0.01
1.80	SD DEVIATION	0.71
0.01	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.14
KURTOSIS---VETA II = 3.32
COEF. OF VARIATION = 4.48

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
44.64	99TH	17.57
44.05	98TH	17.34
43.68	97TH	17.20
43.20	95TH	17.01
42.48	90TH	16.72
42.01	85TH	16.54
41.64	80TH	16.39
41.33	75TH	16.27
41.06	70TH	16.17
40.81	65TH	16.07
40.58	60TH	15.97
40.35	55TH	15.89
40.13	50TH	15.80
39.91	45TH	15.71
39.69	40TH	15.62
39.46	35TH	15.54
39.22	30TH	15.44
38.96	25TH	15.34
38.67	20TH	15.22
38.33	15TH	15.09
37.91	10TH	14.92
37.26	5TH	14.67
36.93	3RD	14.54
36.51	2RD	14.37
36.00	1ST	14.17

TOTAL STATES

VARIANCE

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ARM REACH-FORWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
97.25- 98.25	1	9412	0.01	100.00
96.25- 97.25	3	9411	0.03	99.99
95.25- 96.25	22	9408	0.23	99.96
94.25- 95.25	32	9386	0.34	99.72
93.25- 94.25	48	9354	0.51	99.38
92.25- 93.25	104	9306	1.10	98.87
91.25- 92.25	161	9202	1.71	97.77
90.25- 91.25	256	9041	2.72	96.06
89.25- 90.25	376	8785	3.99	93.34
88.25- 89.25	526	8409	5.59	89.34
87.25- 88.25	758	7883	8.05	83.75
86.25- 87.25	917	7125	9.74	75.70
85.25- 86.25	960	6208	10.20	65.96
84.25- 85.25	1030	5248	10.94	55.76
83.25- 84.25	1029	4218	10.93	44.82
82.25- 83.25	911	3189	9.68	33.88
81.25- 82.25	792	2278	8.41	24.20
80.25- 81.25	567	1486	6.02	15.79
79.25- 80.25	368	919	3.91	9.76
78.25- 79.25	242	551	2.57	5.85
77.25- 78.25	138	309	1.47	3.28
76.25- 77.25	92	171	0.98	1.82
75.25- 76.25	43	79	0.46	0.84
74.25- 75.25	20	36	0.21	0.38
73.25- 74.25	9	16	0.10	0.17
72.25- 73.25	4	7	0.04	0.07
71.25- 72.25	2	3	0.02	0.03
70.25- 71.25	1	1	0.01	0.01

*IN CENTIMETERS

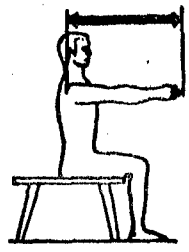
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
84.78	MEAN VALUE	33.38
0.04	SE(MEAN)	0.01
3.60	SD DEVIATION	1.42
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 3.08
COEF. OF VARIATION = 4.24

****



NUMBER OF SUBJECTS = 9412.

****

THE PERCENTILES

CENTIMETERS		INCHES
93.52	99TH	36.82
92.45	98TH	36.40
91.77	97TH	36.13
90.85	95TH	35.77
89.45	90TH	35.22
88.52	85TH	34.85
87.79	80TH	34.56
87.17	75TH	34.32
86.62	70TH	34.10
86.11	65TH	33.90
85.64	60TH	33.72
85.18	55TH	33.54
84.73	50TH	33.36
84.28	45TH	33.18
83.83	40TH	33.00
83.37	35TH	32.82
82.88	30TH	32.63
82.35	25TH	32.42
81.77	20TH	32.19
81.09	15TH	31.92
80.22	10TH	31.58
78.93	5TH	31.07
78.07	3RD	30.74
77.42	2RD	30.48
76.38	1ST	30.07

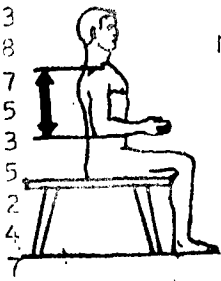
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER-ELBOW LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
41.55- 41.85	1	9413	0.01	100.00
41.25- 41.55	2	9412	0.02	99.99
40.95- 41.25	3	9410	0.03	99.97
40.65- 40.95	6	9407	0.06	99.94
40.35- 40.65	8	9401	0.08	99.87
40.05- 40.35	8	9393	0.08	99.79
39.75- 40.05	18	9385	0.19	99.70
39.45- 39.75	39	9367	0.41	99.51
39.15- 39.45	59	9328	0.63	99.10
38.85- 39.15	89	9269	0.95	98.47
38.55- 38.85	56	9180	0.59	97.52
38.25- 38.55	202	9124	2.15	96.93
37.95- 38.25	227	8922	2.41	94.78
37.65- 37.95	106	8695	1.13	92.37
37.35- 37.65	378	8589	4.02	91.25
37.05- 37.35	375	8211	3.98	87.23
36.75- 37.05	473	7836	5.02	83.25
36.45- 36.75	572	7363	6.08	78.22
36.15- 36.45	647	6791	6.87	72.14
35.85- 36.15	666	6144	7.10	65.27
35.55- 35.85	510	5476	5.42	58.17
35.25- 35.55	982	4966	10.43	52.76
34.95- 35.25	790	3984	8.39	42.32
34.65- 34.95	278	3194	2.95	33.93
34.35- 34.65	773	2916	8.21	30.98
34.05- 34.35	412	2143	4.38	22.77
33.75- 34.05	465	1731	4.94	18.39
33.45- 33.75	379	1266	4.03	13.45
33.15- 33.45	267	887	2.84	9.42
32.85- 33.15	210	620	2.23	6.59
32.55- 32.85	98	410	1.04	4.36
32.25- 32.55	129	312	1.37	3.31
31.95- 32.25	74	183	0.79	1.94
31.65- 31.95	23	109	0.24	1.16
31.35- 31.65	38	86	0.40	0.91
31.05- 31.35	20	48	0.21	0.51
30.75- 31.05	12	28	0.13	0.30
30.45- 30.75	7	16	0.07	0.17
30.15- 30.45	5	9	0.05	0.10
29.85- 30.15	2	4	0.02	0.04
29.55- 29.85	0	2	0.00	0.02
29.25- 29.55	2	2	0.02	0.02

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
35.53	MEAN VALUE	13.99
0.02	SE(MEAN)	0.01
1.61	SD DEVIATION	0.64
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 3.10
COEF. OF VARIATION = 4.55

****

NUMBER OF SUBJECTS = 9413.

****

THE PERCENTILES

CENTIMETERS		INCHES
39.43	99TH	15.52
38.94	98TH	15.33
38.64	97TH	15.21
38.22	95TH	15.05
37.60	90TH	14.80
37.19	85TH	14.64
36.87	80TH	14.51
36.59	75TH	14.41
36.35	70TH	14.31
36.12	65TH	14.22
35.91	60TH	14.14
35.71	55TH	14.06
35.51	50TH	13.98
35.31	45TH	13.90
35.11	40TH	13.82
34.90	35TH	13.74
34.68	30TH	13.65
34.45	25TH	13.56
34.18	20TH	13.46
33.88	15TH	13.34
33.49	10TH	13.18
32.90	5TH	12.95
32.52	3RD	12.80
32.23	2RD	12.69
31.77	1ST	12.51

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

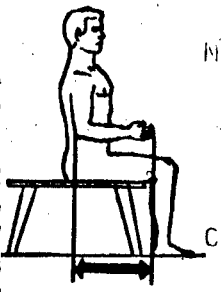
.....

FOREARM HAND LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
53.75- 54.25	1	9413	0.01	100.00
53.25- 53.75	2	9412	0.02	99.99
52.75- 53.25	2	9410	0.02	99.97
52.25- 52.75	6	9408	0.06	99.95
51.75- 52.25	15	9402	0.16	99.88
51.25- 51.75	20	9387	0.21	99.72
50.75- 51.25	49	9367	0.52	99.51
50.25- 50.75	87	9318	0.92	98.99
49.75- 50.25	119	9231	1.26	98.07
49.25- 49.75	243	9112	2.58	96.80
48.75- 49.25	253	8869	2.69	94.22
48.25- 48.75	448	8616	4.76	91.53
47.75- 48.25	498	8168	5.29	86.77
47.25- 47.75	790	7670	8.39	81.48
46.75- 47.25	751	6880	7.98	73.09
46.25- 46.75	1047	6129	11.12	65.11
45.75- 46.25	817	5082	8.68	53.99
45.25- 45.75	1131	4265	12.02	45.31
44.75- 45.25	746	3134	7.93	33.29
44.25- 44.75	789	2388	8.38	25.37
43.75- 44.25	482	1599	5.12	16.99
43.25- 43.75	413	1117	4.39	11.87
42.75- 43.25	267	704	2.84	7.48
42.25- 42.75	218	437	2.32	4.64
41.75- 42.25	100	219	1.06	2.33
41.25- 41.75	63	119	0.67	1.26
40.75- 41.25	27	56	0.29	0.59
40.25- 40.75	22	29	0.23	0.31
39.75- 40.25	3	7	0.03	0.07
39.25- 39.75	2	4	0.02	0.04
38.75- 39.25	2	2	0.02	0.02

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
46.05	MEAN VALUE	18.13
0.02	SE(MEAN)	0.01
1.96	SD DEVIATION	0.77
0.01	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.09
KURTOSIS---VETA II = 3.08
COEF. OF VARIATION = 4.25

****

NUMBER OF SUBJECTS = 9413.

****

THE PERCENTILES

CENTIMETERS		INCHES
50.78	99TH	19.99
50.20	98TH	19.77
49.84	97TH	19.62
49.35	95TH	19.43
48.59	90TH	19.13
48.09	85TH	18.93
47.70	80TH	18.78
47.36	75TH	18.64
47.06	70TH	18.53
46.78	65TH	18.42
46.52	60TH	18.32
46.27	55TH	18.22
46.03	50TH	18.12
45.78	45TH	18.02
45.53	40TH	17.93
45.28	35TH	17.83
45.01	30TH	17.72
44.72	25TH	17.61
44.40	20TH	17.48
44.03	15TH	17.33
43.56	10TH	17.15
42.87	5TH	16.88
42.41	3RD	16.70
42.07	2RD	16.56
41.54	1ST	16.35

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

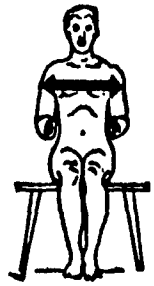
.....

SHOULDER BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
54.25- 54.75	2	9413	0.02	100.00
53.75- 54.25	0	9411	0.00	99.98
53.25- 53.75	2	9411	0.02	99.98
52.75- 53.25	1	9409	0.01	99.96
52.25- 52.75	0	9408	0.00	99.95
51.75- 52.25	1	9408	0.01	99.95
51.25- 51.75	5	9407	0.05	99.94
50.75- 51.25	10	9402	0.11	99.88
50.25- 50.75	13	9392	0.14	99.78
49.75- 50.25	16	9379	0.17	99.64
49.25- 49.75	38	9363	0.40	99.47
48.75- 49.25	31	9325	0.33	99.07
48.25- 48.75	47	9294	0.50	98.74
47.75- 48.25	48	9247	0.51	98.24
47.25- 47.75	92	9199	0.98	97.73
46.75- 47.25	102	9107	1.08	96.75
46.25- 46.75	185	9005	1.97	95.67
45.75- 46.25	153	8820	1.63	93.70
45.25- 45.75	328	8667	3.48	92.07
44.75- 45.25	262	8339	2.78	88.59
44.25- 44.75	577	8077	6.13	85.81
43.75- 44.25	505	7500	5.36	79.68
43.25- 43.75	785	6995	8.34	74.31
42.75- 43.25	671	6210	7.13	65.97
42.25- 42.75	898	5539	9.54	58.84
41.75- 42.25	773	4641	8.21	49.30
41.25- 41.75	994	3868	10.56	41.09
40.75- 41.25	663	2874	7.04	30.53
40.25- 40.75	742	2211	7.88	23.49
39.75- 40.25	393	1469	4.18	15.61
39.25- 39.75	419	1076	4.45	11.43
38.75- 39.25	225	657	2.39	6.98
38.25- 38.75	199	432	2.11	4.59
37.75- 38.25	83	233	0.88	2.48
37.25- 37.75	90	150	0.96	1.59
36.75- 37.25	27	60	0.29	0.64
36.25- 36.75	13	33	0.14	0.35
35.75- 36.25	8	20	0.08	0.21
35.25- 35.75	7	12	0.07	0.13
34.75- 35.25	1	5	0.01	0.05
34.25- 34.75	1	4	0.01	0.04
33.75- 34.25	3	3	0.03	0.03

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
42.43	MEAN VALUE	16.71
0.02	SE(MEAN)	0.01
2.35	SD DEVIATION	0.92
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.47
KURTOSIS---VETA II = 3.81
COEF. OF VARIATION = 5.53

****

NUMBER OF SUBJECTS = 9413.

****

THE PERCENTILES

CENTIMETERS		INCHES
49.15	99TH	19.35
48.03	98TH	18.91
47.38	97TH	18.65
46.56	95TH	18.33
45.44	90TH	17.89
44.75	85TH	17.62
44.24	80TH	17.42
43.82	75TH	17.25
43.46	70TH	17.11
43.14	65TH	16.98
42.84	60TH	16.87
42.56	55TH	16.76
42.29	50TH	16.65
42.01	45TH	16.54
41.74	40TH	16.43
41.47	35TH	16.33
41.18	30TH	16.21
40.87	25TH	16.09
40.52	20TH	15.95
40.12	15TH	15.79
39.61	10TH	15.60
38.86	5TH	15.30
38.36	3RD	15.10
38.00	2RD	14.96
37.43	1ST	14.74

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

ELBOW-TO-ELBOW BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
61.25- 62.25	1	9411	0.01	100.00
60.25- 61.25	0	9410	0.00	99.99
59.25- 60.25	1	9410	0.01	99.99
58.25- 59.25	3	9409	0.03	99.98
57.25- 58.25	7	9406	0.07	99.95
56.25- 57.25	6	9399	0.06	99.87
55.25- 56.25	8	9393	0.09	99.81
54.25- 55.25	13	9385	0.14	99.72
53.25- 54.25	33	9372	0.35	99.59
52.25- 53.25	45	9339	0.48	99.23
51.25- 52.25	56	9294	0.60	98.76
50.25- 51.25	76	9238	0.81	98.16
49.25- 50.25	124	9162	1.32	97.35
48.25- 49.25	153	9038	1.63	96.04
47.25- 48.25	186	8885	1.98	94.41
46.25- 47.25	303	8699	3.22	92.43
45.25- 46.25	392	8396	4.17	89.21
44.25- 45.25	573	8004	6.09	85.05
43.25- 44.25	850	7431	9.03	78.96
42.25- 43.25	1075	6581	11.40	69.93
41.25- 42.25	1243	5508	13.21	58.53
40.25- 41.25	1226	4265	13.03	45.32
39.25- 40.25	1143	3039	12.15	32.29
38.25- 39.25	829	1896	8.81	20.15
37.25- 38.25	527	1067	5.60	11.34
36.25- 37.25	307	540	3.26	5.74
35.25- 36.25	133	233	1.41	2.48
34.25- 35.25	46	100	0.49	1.06
33.25- 34.25	21	54	0.22	0.57
32.25- 33.25	18	33	0.19	0.35
31.25- 32.25	8	15	0.09	0.16
30.25- 31.25	6	7	0.06	0.07
29.25- 30.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
41.94	MEAN VALUE	16.51
0.04	SE(MEAN)	0.01
3.51	SD DEVIATION	1.38
0.03	SE(SD DEV)	0.01

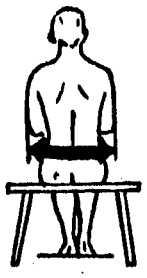
****

SYMMETRY---VETA I = 0.80
KURTOSIS---VETA II = 4.59
COEF. OF VARIATION = 8.37

****

NUMBER OF SUBJECTS = 9411.

****



THE PERCENTILES

CENTIMETERS		INCHES
52.90	99TH	20.82
50.98	98TH	20.07
49.86	97TH	19.63
48.46	95TH	19.08
46.53	90TH	18.32
45.38	85TH	17.87
44.55	80TH	17.54
43.87	75TH	17.27
43.31	70TH	17.05
42.81	65TH	16.85
42.36	60TH	16.68
41.95	55TH	16.51
41.55	50TH	16.36
41.17	45TH	16.21
40.80	40TH	16.06
40.42	35TH	15.92
40.04	30TH	15.76
39.64	25TH	15.61
39.20	20TH	15.43
38.69	15TH	15.23
38.05	10TH	14.98
37.09	5TH	14.60
36.43	3RD	14.34
35.92	2ND	14.14
35.07	1ST	13.81

TOTAL SERIES

VARIABLE 2

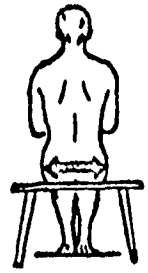
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HIP BREADTH-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
42.25- 42.75	1	9412	0.01	100.00
41.75- 42.25	0	9411	0.00	99.99
41.25- 41.75	1	9411	0.01	99.99
40.75- 41.25	1	9410	0.01	99.98
40.25- 40.75	5	9409	0.05	99.97
39.75- 40.25	4	9404	0.04	99.92
39.25- 39.75	18	9400	0.19	99.87
38.75- 39.25	18	9382	0.19	99.68
38.25- 38.75	45	9364	0.48	99.49
37.75- 38.25	37	9319	0.39	99.01
37.25- 37.75	84	9282	0.89	98.62
36.75- 37.25	111	9198	1.18	97.73
36.25- 36.75	221	9087	2.45	96.55
35.75- 36.25	215	8856	2.28	94.09
35.25- 35.75	432	8641	4.59	91.81
34.75- 35.25	387	8209	4.11	87.22
34.25- 34.75	771	7822	8.19	83.11
33.75- 34.25	694	7051	7.37	74.92
33.25- 33.75	1092	6357	11.60	67.54
32.75- 33.25	1005	5265	10.68	55.94
32.25- 32.75	1240	4260	13.17	45.26
31.75- 32.25	877	3020	9.32	32.09
31.25- 31.75	790	2143	8.39	22.77
30.75- 31.25	550	1353	5.84	14.38
30.25- 30.75	419	803	4.45	8.53
29.75- 30.25	184	384	1.95	4.08
29.25- 29.75	120	200	1.27	2.12
28.75- 29.25	46	80	0.49	0.85
28.25- 28.75	22	34	0.23	0.36
27.75- 28.25	5	12	0.05	0.13
27.25- 27.75	5	7	0.05	0.07
26.75- 27.25	2	2	0.02	0.02



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.11	MEAN VALUE	13.04
0.02	SE(MEAN)	0.01
1.84	SD DEVIATION	0.72
0.01	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.46
KURTOSIS---VETA II = 3.54
COEF. OF VARIATION = 5.55

****

NUMBER OF SUBJECTS = 9412.

****

THE PERCENTILES

CENTIMETERS		INCHES
38.21	99TH	15.04
37.44	98TH	14.74
36.98	97TH	14.56
36.38	95TH	14.32
35.52	90TH	13.98
34.98	85TH	13.77
34.57	80TH	13.61
34.23	75TH	13.48
33.94	70TH	13.36
33.68	65TH	13.26
33.44	60TH	13.16
33.21	55TH	13.07
32.98	50TH	12.99
32.76	45TH	12.90
32.55	40TH	12.81
32.33	35TH	12.73
32.10	30TH	12.64
31.86	25TH	12.54
31.59	20TH	12.44
31.28	15TH	12.32
30.90	10TH	12.17
30.34	5TH	11.95
29.98	3RD	11.80
29.72	2RD	11.70
29.29	1ST	11.53

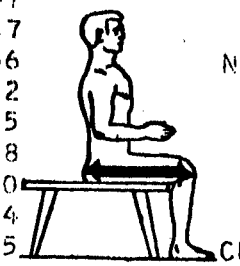
*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR BUTTOCK-KNEE LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
65.25- 65.75	1	9413	0.01	100.00
64.75- 65.25	1	9412	0.01	99.99
64.25- 64.75	2	9411	0.02	99.98
63.75- 64.25	1	9409	0.01	99.96
63.25- 63.75	6	9408	0.06	99.95
62.75- 63.25	8	9402	0.08	99.88
62.25- 62.75	11	9394	0.12	99.80
61.75- 62.25	20	9383	0.21	99.68
61.25- 61.75	56	9363	0.59	99.47
60.75- 61.25	48	9307	0.51	98.87
60.25- 60.75	117	9259	1.24	98.36
59.75- 60.25	101	9142	1.07	97.12
59.25- 59.75	232	9041	2.46	96.05
58.75- 59.25	234	8809	2.49	93.58
58.25- 58.75	448	8575	4.76	91.10
57.75- 58.25	366	8127	3.89	86.34
57.25- 57.75	593	7761	6.30	82.45
56.75- 57.25	569	7168	6.04	76.15
56.25- 56.75	821	6599	8.72	70.11
55.75- 56.25	640	5778	6.80	61.38
55.25- 55.75	1003	5138	10.66	54.58
54.75- 55.25	600	4135	6.37	43.93
54.25- 54.75	796	3535	8.46	37.55
53.75- 54.25	657	2739	6.98	29.10
53.25- 53.75	617	2082	6.55	22.12
52.75- 53.25	400	1465	4.25	15.56
52.25- 52.75	395	1065	4.20	11.31
51.75- 52.25	234	670	2.49	7.12
51.25- 51.75	168	436	1.78	4.63
50.75- 51.25	97	268	1.03	2.85
50.25- 50.75	76	171	0.81	1.82
49.75- 50.25	43	95	0.46	1.01
49.25- 49.75	28	52	0.30	0.55
48.75- 49.25	16	24	0.17	0.25
48.25- 48.75	3	8	0.03	0.08
47.75- 48.25	2	5	0.02	0.05
47.25- 47.75	2	3	0.02	0.03
46.75- 47.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
55.58	MEAN VALUE	21.88
0.02	SE(MEAN)	0.01
2.36	SD DEVIATION	0.93
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.12
KURTOSIS---VETA II = 3.06
COEF. OF VARIATION = 4.24

****

NUMBER OF SUBJECTS = 9413.

****

THE PERCENTILES

CENTIMETERS		INCHES
61.34	99TH	24.15
60.63	98TH	23.87
60.18	97TH	23.69
59.57	95TH	23.45
58.65	90TH	23.09
58.03	85TH	22.85
57.55	80TH	22.66
57.14	75TH	22.50
56.78	70TH	22.35
56.44	65TH	22.22
56.13	60TH	22.10
55.83	55TH	21.98
55.53	50TH	21.86
55.24	45TH	21.75
54.94	40TH	21.63
54.64	35TH	21.51
54.32	30TH	21.39
53.98	25TH	21.25
53.60	20TH	21.10
53.16	15TH	20.93
52.61	10TH	20.71
51.79	5TH	20.39
51.26	3RD	20.18
50.87	2RD	20.03
50.24	1ST	19.78

TOTAL SERIES

VARIABLE 31

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BUTTOCK-POPLITEAL LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
52.75- 53.25	2	9413	0.02	100.00
52.25- 52.75	3	9411	0.03	99.98
51.75- 52.25	15	9408	0.16	99.95
51.25- 51.75	23	9393	0.24	99.79
50.75- 51.25	32	9370	0.34	99.54
50.25- 50.75	47	9338	0.50	99.20
49.75- 50.25	79	9291	0.84	98.70
49.25- 49.75	156	9212	1.66	97.86
48.75- 49.25	191	9056	2.03	96.21
48.25- 48.75	289	8865	3.07	94.18
47.75- 48.25	348	8576	3.70	91.11
47.25- 47.75	558	8228	5.93	87.41
46.75- 47.25	662	7670	7.03	81.48
46.25- 46.75	761	7008	8.08	74.45
45.75- 46.25	841	6247	8.93	66.37
45.25- 45.75	845	5406	8.98	57.43
44.75- 45.25	822	4561	8.73	48.45
44.25- 44.75	849	3739	9.02	39.72
43.75- 44.25	730	2890	7.76	30.70
43.25- 43.75	621	2160	6.60	22.95
42.75- 43.25	531	1539	5.64	16.35
42.25- 42.75	357	1008	3.79	10.71
41.75- 42.25	256	651	2.72	6.92
41.25- 41.75	152	395	1.61	4.20
40.75- 41.25	98	243	1.04	2.58
40.25- 40.75	75	145	0.80	1.54
39.75- 40.25	36	70	0.38	0.74
39.25- 39.75	16	34	0.17	0.36
38.75- 39.25	9	18	0.10	0.19
38.25- 38.75	6	9	0.06	0.10
37.75- 38.25	2	3	0.02	0.03
37.25- 37.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
45.34	MEAN VALUE	17.85
0.02	SE(MEAN)	0.01
2.14	SD DEVIATION	0.84
0.02	SE(SD DEV)	0.01

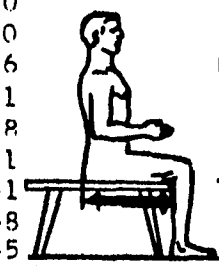
****

SYMMETRY---VETA I = 0.07
KURTOSIS---VETA II = 3.04
COEF. OF VARIATION = 4.71

****

NUMBER OF SUBJECTS = 9413.

****



THE PERCENTILES

CENTIMETERS		INCHES
50.52	99TH	19.89
49.88	98TH	19.64
49.48	97TH	19.48
48.94	95TH	19.27
48.12	90TH	18.94
47.57	85TH	18.73
47.14	80TH	18.56
46.78	75TH	18.42
46.45	70TH	18.29
46.15	65TH	18.17
45.87	60TH	18.06
45.60	55TH	17.95
45.33	50TH	17.85
45.06	45TH	17.74
44.79	40TH	17.63
44.51	35TH	17.52
44.22	30TH	17.41
43.90	25TH	17.28
43.55	20TH	17.15
43.14	15TH	16.98
42.63	10TH	16.78
41.86	5TH	16.48
41.36	3RD	16.28
41.00	2ND	16.14
40.42	1ST	15.91

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BACK-WAIST LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
58.75- 59.25	1	9414	0.01	100.00
58.25- 58.75	0	9413	0.00	99.99
57.75- 58.25	0	9413	0.00	99.99
57.25- 57.75	0	9413	0.00	99.99
56.75- 57.25	6	9413	0.06	99.99
56.25- 56.75	2	9407	0.02	99.93
55.75- 56.25	5	9405	0.05	99.90
55.25- 55.75	4	9400	0.04	99.85
54.75- 55.25	14	9396	0.15	99.81
54.25- 54.75	12	9382	0.13	99.66
53.75- 54.25	32	9370	0.34	99.53
53.25- 53.75	32	9338	0.34	99.19
52.75- 53.25	72	9306	0.76	98.85
52.25- 52.75	80	9234	0.85	98.09
51.75- 52.25	154	9154	1.64	97.24
51.25- 51.75	157	9000	1.67	95.60
50.75- 51.25	201	8843	2.14	93.93
50.25- 50.75	85	8642	0.90	91.80
49.75- 50.25	763	8557	8.10	90.90
49.25- 49.75	360	7794	3.82	82.79
48.75- 49.25	564	7434	5.99	78.97
48.25- 48.75	634	6870	6.73	72.98
47.75- 48.25	768	6236	8.16	66.24
47.25- 47.75	631	5468	6.70	58.08
46.75- 47.25	645	4837	6.85	51.38
46.25- 46.75	627	4192	6.66	44.53
45.75- 46.25	776	3565	8.24	37.87
45.25- 45.75	550	2789	5.84	29.63
44.75- 45.25	497	2239	5.28	23.78
44.25- 44.75	370	1742	3.93	18.50
43.75- 44.25	400	1372	4.25	14.57
43.25- 43.75	235	972	2.50	10.33
42.75- 43.25	211	737	2.24	7.83
42.25- 42.75	144	526	1.53	5.59
41.75- 42.25	142	382	1.51	4.06
41.25- 41.75	70	240	0.74	2.55
40.75- 41.25	62	170	0.66	1.81
40.25- 40.75	14	108	0.15	1.15
39.75- 40.25	45	94	0.48	1.00
39.25- 39.75	10	49	0.11	0.52
38.75- 39.25	8	39	0.08	0.41
38.25- 38.75	3	31	0.03	0.33
37.75- 38.25	5	28	0.05	0.30
37.25- 37.75	8	23	0.08	0.24
36.75- 37.25	7	15	0.07	0.16
36.25- 36.75	3	8	0.03	0.08
35.75- 36.25	2	5	0.02	0.05
35.25- 35.75	1	3	0.01	0.03
34.75- 35.25	2	2	0.02	0.02

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
47.08	MEAN VALUE	18.54
0.03	SE(MEAN)	0.01
2.72	SD DEVIATION	1.07
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = -0.11
KURTOSIS---VETA II = 3.46
COEF. OF VARIATION = 5.79

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
53.48	99TH	21.05
52.67	98TH	20.73
52.16	97TH	20.54
51.49	95TH	20.27
50.50	90TH	19.88
49.84	85TH	19.62
49.32	80TH	19.42
48.89	75TH	19.25
48.49	70TH	19.09
48.14	65TH	18.95
47.79	60TH	18.82
47.47	55TH	18.69
47.14	50TH	18.56
46.81	45TH	18.43
46.48	40TH	18.30
46.13	35TH	18.16
45.77	30TH	18.02
45.36	25TH	17.86
44.91	20TH	17.68
44.37	15TH	17.47
43.67	10TH	17.19
42.58	5TH	16.76
41.84	3RD	16.47
41.28	2RD	16.25
40.35	1ST	15.88

TOTAL SERIES

VARIABLE 32

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

SHOULDER LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
19.55- 19.75	1	9414	0.01	100.00
19.35- 19.55	10	9413	0.11	99.99
19.15- 19.35	2	9403	0.02	99.88
18.95- 19.15	22	9401	0.23	99.86
18.75- 18.95	14	9379	0.15	99.63
18.55- 18.75	16	9365	0.17	99.48
18.35- 18.55	58	9349	0.62	99.31
18.15- 18.35	30	9291	0.32	98.69
17.95- 18.15	160	9261	1.70	98.37
17.75- 17.95	61	9101	0.65	96.68
17.55- 17.75	34	9040	0.36	96.03
17.35- 17.55	246	9006	2.61	95.67
17.15- 17.35	99	8760	1.05	93.05
16.95- 17.15	630	8661	6.69	92.00
16.75- 16.95	151	8031	1.60	85.31
16.55- 16.75	185	7880	1.97	83.71
16.35- 16.55	724	7695	7.69	81.74
16.15- 16.35	302	6971	3.21	74.05
15.95- 16.15	1441	6669	15.31	70.84
15.75- 15.95	312	5228	3.31	55.53
15.55- 15.75	324	4916	3.44	52.22
15.35- 15.55	1027	4592	10.91	48.78
15.15- 15.35	429	3565	4.56	37.87
14.95- 15.15	1566	3136	16.63	33.31
14.75- 14.95	176	1570	1.87	16.68
14.55- 14.75	206	1394	2.19	14.81
14.35- 14.55	559	1188	5.94	12.62
14.15- 14.35	151	629	1.60	6.68
13.95- 14.15	344	478	3.65	5.08
13.75- 13.95	27	134	0.29	1.42
13.55- 13.75	23	107	0.24	1.14
13.35- 13.55	47	84	0.50	0.89
13.15- 13.35	13	37	0.14	0.39
12.95- 13.15	19	24	0.20	0.25
12.75- 12.95	0	5	0.00	0.05
12.55- 12.75	0	5	0.00	0.05
12.35- 12.55	2	5	0.02	0.05
12.15- 12.35	0	3	0.00	0.03
11.95- 12.15	1	3	0.01	0.03
11.75- 11.95	0	2	0.00	0.02
11.55- 11.75	1	2	0.01	0.02
11.35- 11.55	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
15.74	MEAN VALUE	6.20
0.01	SE(MEAN)	0.00
1.02	SD DEVIATION	0.40
0.01	SE(SD DEV)	0.00

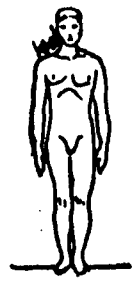
****

SYMMETRY---VETA I = 0.41
KURTOSIS---VETA II = 3.29
COEF. OF VARIATION = 6.48

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
18.47	99TH	7.27
18.11	98TH	7.13
17.89	97TH	7.04
17.58	95TH	6.92
17.12	90TH	6.74
16.81	85TH	6.62
16.58	80TH	6.53
16.39	75TH	6.45
16.22	70TH	6.38
16.06	65TH	6.32
15.92	60TH	6.27
15.79	55TH	6.22
15.66	50TH	6.17
15.53	45TH	6.12
15.41	40TH	6.07
15.29	35TH	6.02
15.16	30TH	5.97
15.03	25TH	5.92
14.88	20TH	5.86
14.72	15TH	5.79
14.52	10TH	5.72
14.23	5TH	5.60
14.04	3RD	5.53
13.90	2ND	5.47
13.67	1ST	5.38

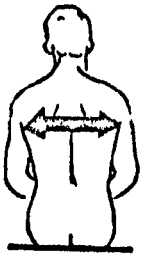
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

INTERSCYE BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
52.25- 52.75	1	9414	0.01	100.00
51.75- 52.25	0	9413	0.00	99.99
51.25- 51.75	1	9413	0.01	99.99
50.75- 51.25	0	9412	0.00	99.98
50.25- 50.75	0	9412	0.00	99.98
49.75- 50.25	5	9412	0.05	99.98
49.25- 49.75	4	9407	0.04	99.93
48.75- 49.25	9	9403	0.10	99.88
48.25- 48.75	8	9394	0.08	99.79
47.75- 48.25	12	9386	0.13	99.70
47.25- 47.75	15	9374	0.16	99.58
46.75- 47.25	31	9359	0.33	99.42
46.25- 46.75	36	9328	0.38	99.09
45.75- 46.25	58	9292	0.62	98.70
45.25- 45.75	59	9234	0.63	98.09
44.75- 45.25	81	9175	0.86	97.46
44.25- 44.75	106	9094	1.13	96.60
43.75- 44.25	185	8988	1.97	95.47
43.25- 43.75	204	8803	2.17	93.51
42.75- 43.25	349	8599	3.71	91.34
42.25- 42.75	332	8250	3.53	87.64
41.75- 42.25	409	7918	4.34	84.11
41.25- 41.75	477	7509	5.07	79.76
40.75- 41.25	380	7032	4.04	74.70
40.25- 40.75	108	6652	1.15	70.66
39.75- 40.25	1349	6544	14.33	69.51
39.25- 39.75	538	5195	5.71	55.18
38.75- 39.25	721	4657	7.66	49.47
38.25- 38.75	514	3936	5.46	41.81
37.75- 38.25	599	3422	6.36	36.35
37.25- 37.75	442	2823	4.70	29.99
36.75- 37.25	491	2381	5.22	25.29
36.25- 36.75	370	1890	3.93	20.08
35.75- 36.25	344	1520	3.65	16.15
35.25- 35.75	279	1176	2.96	12.49
34.75- 35.25	220	897	2.34	9.53
34.25- 34.75	167	677	1.77	7.19
33.75- 34.25	176	510	1.87	5.42
33.25- 33.75	87	334	0.92	3.55
32.75- 33.25	87	247	0.92	2.62
32.25- 32.75	52	160	0.55	1.70
31.75- 32.25	42	108	0.45	1.15
31.25- 31.75	27	66	0.29	0.70
30.75- 31.25	21	39	0.22	0.41
30.25- 30.75	4	18	0.04	0.19
29.75- 30.25	12	14	0.13	0.15
29.25- 29.75	0	2	0.00	0.02
28.75- 29.25	1	2	0.01	0.02
28.25- 28.75	0	1	0.00	0.01
27.75- 28.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
39.22	MEAN VALUE	15.44
0.03	SE(MEAN)	0.01
3.03	SD DEVIATION	1.19
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.05
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 7.72

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
46.68	99TH	18.38
45.62	98TH	17.96
44.99	97TH	17.71
44.18	95TH	17.39
43.01	90TH	16.93
42.27	85TH	16.64
41.69	80TH	16.41
41.20	75TH	16.22
40.76	70TH	16.05
40.36	65TH	15.89
39.98	60TH	15.74
39.61	55TH	15.60
39.24	50TH	15.45
38.88	45TH	15.31
38.50	40TH	15.16
38.11	35TH	15.00
37.69	30TH	14.84
37.24	25TH	14.66
36.72	20TH	14.46
36.12	15TH	14.22
35.35	10TH	13.92
34.20	5TH	13.47
33.45	3RD	13.17
32.91	2RD	12.96
32.06	1ST	12.62

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

INTERSCYE MAXIMUM

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
72.25- 73.25	3	9414	0.03	100.00
71.25- 72.25	1	9411	0.01	99.97
70.25- 71.25	0	9410	0.00	99.96
69.25- 70.25	10	9410	0.11	99.96
68.25- 69.25	7	9400	0.07	99.85
67.25- 68.25	24	9393	0.25	99.78
66.25- 67.25	40	9369	0.42	99.52
65.25- 66.25	50	9329	0.53	99.10
64.25- 65.25	77	9279	0.82	98.57
63.25- 64.25	104	9202	1.10	97.75
62.25- 63.25	243	9098	2.58	96.64
61.25- 62.25	262	8855	2.78	94.06
60.25- 61.25	195	8593	2.07	91.28
59.25- 60.25	920	8398	9.77	89.21
58.25- 59.25	735	7478	7.81	79.43
57.25- 58.25	931	6743	9.89	71.63
56.25- 57.25	936	5812	9.94	61.74
55.25- 56.25	1001	4876	10.63	51.80
54.25- 55.25	867	3875	9.21	41.16
53.25- 54.25	726	3008	7.71	31.95
52.25- 53.25	660	2282	7.01	24.24
51.25- 52.25	528	1622	5.61	17.23
50.25- 51.25	293	1094	3.11	11.62
49.25- 50.25	331	801	3.52	8.51
48.25- 49.25	108	470	1.15	4.99
47.25- 48.25	112	362	1.19	3.85
46.25- 47.25	59	250	0.63	2.66
45.25- 46.25	51	191	0.54	2.03
44.25- 45.25	45	140	0.48	1.49
43.25- 44.25	38	95	0.40	1.01
42.25- 43.25	13	57	0.14	0.61
41.25- 42.25	15	44	0.16	0.47
40.25- 41.25	3	29	0.03	0.31
39.25- 40.25	13	26	0.14	0.28
38.25- 39.25	12	13	0.13	0.14
37.25- 38.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
55.98	MEAN VALUE	22.04
0.04	SE(MEAN)	0.02
4.19	SD DEVIATION	1.65
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = -0.28
KURTOSIS---VETA II = 4.05
COEF. OF VARIATION = 7.48

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
66.01	99TH	25.99
64.54	98TH	25.41
63.66	97TH	25.06
62.54	95TH	24.62
60.94	90TH	23.99
59.93	85TH	23.60
59.17	80TH	23.30
58.54	75TH	23.05
57.98	70TH	22.83
57.47	65TH	22.63
56.99	60TH	22.44
56.53	55TH	22.25
56.07	50TH	22.07
55.60	45TH	21.89
55.13	40TH	21.71
54.63	35TH	21.51
54.10	30TH	21.30
53.50	25TH	21.06
52.80	20TH	20.79
51.94	15TH	20.45
50.78	10TH	19.99
48.85	5TH	19.23
47.44	3RD	18.68
46.30	2ND	18.23
44.32	1ST	17.45

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SLEEVE INSEAM

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
58.25- 58.75	1	9414	0.01	100.00
57.75- 58.25	1	9413	0.01	99.99
57.25- 57.75	0	9412	0.00	99.98
56.75- 57.25	0	9412	0.00	99.98
56.25- 56.75	0	9412	0.00	99.98
55.75- 56.25	0	9412	0.00	99.98
55.25- 55.75	2	9412	0.02	99.98
54.75- 55.25	4	9410	0.04	99.96
54.25- 54.75	5	9406	0.05	99.91
53.75- 54.25	8	9401	0.08	99.86
53.25- 53.75	10	9393	0.11	99.78
52.75- 53.25	19	9383	0.20	99.67
52.25- 52.75	31	9364	0.33	99.47
51.75- 52.25	64	9333	0.68	99.14
51.25- 51.75	93	9269	0.99	98.46
50.75- 51.25	103	9176	1.09	97.47
50.25- 50.75	62	9073	0.66	96.38
49.75- 50.25	519	9011	5.51	95.72
49.25- 49.75	319	8492	3.39	90.21
48.75- 49.25	520	8173	5.52	86.82
48.25- 48.75	575	7653	6.11	81.29
47.75- 48.25	735	7078	7.81	75.19
47.25- 47.75	715	6343	7.60	67.38
46.75- 47.25	750	5628	7.97	59.78
46.25- 46.75	775	4878	8.23	51.82
45.75- 46.25	897	4103	9.53	43.58
45.25- 45.75	721	3206	7.66	34.06
44.75- 45.25	642	2485	6.82	26.40
44.25- 44.75	500	1843	5.31	19.58
43.75- 44.25	464	1343	4.93	14.27
43.25- 43.75	266	879	2.83	9.34
42.75- 43.25	239	613	2.54	6.51
42.25- 42.75	120	374	1.27	3.97
41.75- 42.25	94	254	1.00	2.70
41.25- 41.75	56	160	0.59	1.70
40.75- 41.25	42	104	0.45	1.10
40.25- 40.75	9	62	0.10	0.66
39.75- 40.25	34	53	0.36	0.56
39.25- 39.75	5	19	0.05	0.20
38.75- 39.25	10	14	0.11	0.15
38.25- 38.75	3	4	0.03	0.04
37.75- 38.25	0	1	0.00	0.01
37.25- 37.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
46.67	MEAN VALUE	18.37
0.02	SE(MEAN)	0.01
2.30	SD DEVIATION	0.91
0.02	SE(SD DEV)	0.01

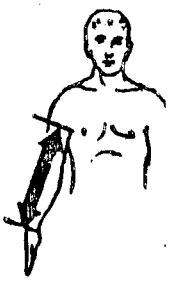
****

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 3.29
COEF. OF VARIATION = 4.94

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
52.11	99TH	20.52
51.46	98TH	20.26
51.04	97TH	20.09
50.47	95TH	19.87
49.61	90TH	19.53
49.04	85TH	19.31
48.59	80TH	19.13
48.20	75TH	18.98
47.86	70TH	18.84
47.55	65TH	18.72
47.25	60TH	18.60
46.96	55TH	18.49
46.68	50TH	18.38
46.40	45TH	18.27
46.11	40TH	18.15
45.81	35TH	18.04
45.50	30TH	17.91
45.17	25TH	17.78
44.79	20TH	17.63
44.34	15TH	17.46
43.78	10TH	17.23
42.91	5TH	16.89
42.33	3RD	16.67
41.89	2RD	16.49
41.18	1ST	16.21

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SLEEVE LENGTH (SPINE TO WRIST)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
98.25- 99.25	1	9414	0.01	100.00
97.25- 98.25	0	9413	0.00	99.99
96.25- 97.25	1	9413	0.01	99.99
95.25- 96.25	3	9412	0.03	99.98
94.25- 95.25	2	9409	0.02	99.95
93.25- 94.25	9	9407	0.10	99.93
92.25- 93.25	15	9398	0.16	99.83
91.25- 92.25	21	9383	0.22	99.67
90.25- 91.25	19	9362	0.20	99.45
89.25- 90.25	131	9343	1.39	99.25
88.25- 89.25	185	9212	1.97	97.85
87.25- 88.25	294	9027	3.12	95.89
86.25- 87.25	446	8733	4.74	92.77
85.25- 86.25	622	8287	6.61	88.03
84.25- 85.25	862	7665	9.16	81.42
83.25- 84.25	878	6803	9.33	72.26
82.25- 83.25	1078	5925	11.45	62.94
81.25- 82.25	1140	4847	12.11	51.49
80.25- 81.25	631	3707	6.70	39.38
79.25- 80.25	1245	3076	13.22	32.67
78.25- 79.25	586	1831	6.22	19.45
77.25- 78.25	537	1245	5.70	13.22
76.25- 77.25	288	708	3.06	7.52
75.25- 76.25	183	420	1.94	4.46
74.25- 75.25	103	237	1.09	2.52
73.25- 74.25	69	134	0.73	1.42
72.25- 73.25	38	65	0.40	0.69
71.25- 72.25	12	27	0.13	0.29
70.25- 71.25	7	15	0.07	0.16
69.25- 70.25	7	8	0.07	0.08
68.25- 69.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
82.15	MEAN VALUE	32.34
0.04	SE(MEAN)	0.01
3.50	SD DEVIATION	1.38
0.03	SE(SD DEV)	0.01

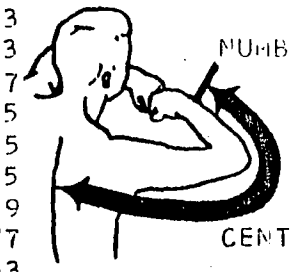
****

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 4.27

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
90.09	99TH	35.47
89.32	98TH	35.16
88.78	97TH	34.95
88.00	95TH	34.64
86.72	90TH	34.14
85.83	85TH	33.79
85.12	80TH	33.51
84.51	75TH	33.27
83.96	70TH	33.06
83.46	65TH	32.86
82.98	60TH	32.67
82.53	55TH	32.49
82.08	50TH	32.32
81.64	45TH	32.14
81.19	40TH	31.97
80.74	35TH	31.79
80.26	30TH	31.60
79.75	25TH	31.40
79.18	20TH	31.17
78.51	15TH	30.91
77.67	10TH	30.59
76.38	5TH	30.07
75.49	3RD	29.72
74.81	2ND	29.45
73.67	1ST	29.00

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
61.35- 61.65	3	9414	0.03	100.00
61.05- 61.35	0	9411	0.00	99.97
60.75- 61.05	3	9411	0.03	99.97
60.45- 60.75	6	9408	0.06	99.94
60.15- 60.45	0	9402	0.00	99.87
59.85- 60.15	15	9402	0.16	99.87
59.55- 59.85	1	9387	0.01	99.71
59.25- 59.55	24	9386	0.25	99.70
58.95- 59.25	74	9362	0.79	99.45
58.65- 58.95	3	9288	0.03	98.66
58.35- 58.65	149	9285	1.58	98.63
58.05- 58.35	3	9136	0.03	97.05
57.75- 58.05	301	9133	3.20	97.02
57.45- 57.75	404	8832	4.29	93.82
57.15- 57.45	21	8428	0.22	89.53
56.85- 57.15	630	8407	6.69	89.30
56.55- 56.85	47	7777	0.50	82.61
56.25- 56.55	780	7730	8.29	82.11
55.95- 56.25	1096	6950	11.64	73.83
55.65- 55.95	61	5854	0.65	62.18
55.35- 55.65	1049	5793	11.14	61.54
55.05- 55.35	56	4744	0.59	50.39
54.75- 55.05	1273	4688	13.52	49.80
54.45- 54.75	972	3415	10.33	36.28
54.15- 54.45	43	2443	0.46	25.95
53.85- 54.15	915	2400	9.72	25.49
53.55- 53.85	49	1485	0.52	15.77
53.25- 53.55	572	1436	6.08	15.25
52.95- 53.25	434	864	4.61	9.18
52.65- 52.95	12	430	0.13	4.57
52.35- 52.65	195	418	2.07	4.44
52.05- 52.35	4	223	0.04	2.37
51.75- 52.05	108	219	1.15	2.33
51.45- 51.75	68	111	0.72	1.18
51.15- 51.45	4	43	0.04	0.46
50.85- 51.15	29	39	0.31	0.41
50.55- 50.85	0	10	0.00	0.11
50.25- 50.55	8	10	0.08	0.11
49.95- 50.25	2	2	0.02	0.02

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
55.29	MEAN VALUE	21.77
0.02	SE(MEAN)	0.01
1.56	SD DEVIATION	0.61
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 3.04
COEF. OF VARIATION = 2.82

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
58.97	99TH	23.22
58.55	98TH	23.05
58.27	97TH	22.94
57.89	95TH	22.79
57.30	90TH	22.56
56.90	85TH	22.40
56.59	80TH	22.28
56.32	75TH	22.17
56.08	70TH	22.08
55.86	65TH	21.99
55.65	60TH	21.91
55.45	55TH	21.83
55.25	50TH	21.75
55.06	45TH	21.68
54.86	40TH	21.60
54.66	35TH	21.52
54.45	30TH	21.44
54.22	25TH	21.35
53.97	20TH	21.25
53.68	15TH	21.13
53.31	10TH	20.99
52.75	5TH	20.77
52.39	3RD	20.62
52.11	2RD	20.52
51.67	1ST	20.34

TOTAL SERIES

VARIABLE 3

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

NECK CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
44.75- 45.25	1	9414	0.01	100.00
44.25- 44.75	5	9413	0.05	99.99
43.75- 44.25	5	9408	0.05	99.94
43.25- 43.75	4	9403	0.04	99.88
42.75- 43.25	7	9399	0.07	99.84
42.25- 42.75	8	9392	0.08	99.77
41.75- 42.25	43	9384	0.46	99.68
41.25- 41.75	27	9341	0.29	99.22
40.75- 41.25	82	9314	0.87	98.94
40.25- 40.75	73	9232	0.78	98.07
39.75- 40.25	204	9159	2.17	97.29
39.25- 39.75	182	8955	1.93	95.12
38.75- 39.25	358	8773	3.80	93.19
38.25- 38.75	292	8415	3.10	89.39
37.75- 38.25	703	8123	7.47	86.29
37.25- 37.75	616	7420	6.54	78.82
36.75- 37.25	1033	6804	10.97	72.28
36.25- 36.75	852	5771	9.05	61.30
35.75- 36.25	1301	4919	13.82	52.25
35.25- 35.75	913	3618	9.70	38.43
34.75- 35.25	986	2705	10.47	28.73
34.25- 34.75	559	1719	5.94	18.26
33.75- 34.25	603	1160	6.41	12.32
33.25- 33.75	227	557	2.41	5.92
32.75- 33.25	201	330	2.14	3.51
32.25- 32.75	63	129	0.67	1.37
31.75- 32.25	38	66	0.40	0.70
31.25- 31.75	15	28	0.16	0.30
30.75- 31.25	10	13	0.11	0.14
30.25- 30.75	0	3	0.00	0.03
29.75- 30.25	3	3	0.03	0.03

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
36.34	MEAN VALUE	14.31
0.02	SE(MEAN)	0.01
1.86	SD DEVIATION	0.73
0.01	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.46
KURTOSIS---VETA II = 3.60
COEF. OF VARIATION = 5.12

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
41.39	99TH	16.29
40.67	98TH	16.01
40.22	97TH	15.84
39.64	95TH	15.61
38.79	90TH	15.27
38.24	85TH	15.06
37.83	80TH	14.89
37.48	75TH	14.76
37.18	70TH	14.64
36.91	65TH	14.53
36.66	60TH	14.43
36.43	55TH	14.34
36.20	50TH	14.25
35.98	45TH	14.17
35.76	40TH	14.08
35.54	35TH	13.99
35.31	30TH	13.90
35.06	25TH	13.80
34.79	20TH	13.70
34.49	15TH	13.58
34.11	10TH	13.43
33.55	5TH	13.21
33.18	3RD	13.06
32.90	2ND	12.95
32.45	1ST	12.77

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
146.75-148.25	1	9414	0.01	100.00
145.25-146.75	0	9413	0.00	99.99
143.75-145.25	0	9413	0.00	99.99
142.25-143.75	1	9413	0.01	99.99
140.75-142.25	2	9412	0.02	99.98
139.25-140.75	2	9410	0.02	99.96
137.75-139.25	2	9408	0.02	99.94
136.25-137.75	2	9406	0.02	99.91
134.75-136.25	3	9404	0.03	99.89
133.25-134.75	9	9401	0.10	99.86
131.75-133.25	11	9392	0.12	99.77
130.25-131.75	21	9381	0.22	99.65
128.75-130.25	28	9360	0.30	99.43
127.25-128.75	47	9332	0.50	99.13
125.75-127.25	46	9285	0.49	98.63
124.25-125.75	54	9239	0.57	98.14
122.75-124.25	90	9185	0.96	97.57
121.25-122.75	94	9095	1.00	96.61
119.75-121.25	168	9001	1.78	95.61
118.25-119.75	155	8833	1.65	93.83
116.75-118.25	248	8678	2.63	92.18
115.25-116.75	293	8430	3.11	89.55
113.75-115.25	432	8137	4.59	86.44
112.25-113.75	571	7705	6.07	81.85
110.75-112.25	848	7134	9.01	75.78
109.25-110.75	931	6286	9.89	66.77
107.75-109.25	1032	5355	10.96	56.88
106.25-107.75	967	4323	10.27	45.92
104.75-106.25	1022	3356	10.86	35.65
103.25-104.75	740	2334	7.86	24.79
101.75-103.25	705	1594	7.49	16.93
100.25-101.75	292	889	3.10	9.44
98.75-100.25	358	597	3.80	6.34
97.25- 98.75	104	239	1.10	2.54
95.75- 97.25	76	135	0.81	1.43
94.25- 95.75	31	59	0.33	0.63
92.75- 94.25	19	28	0.20	0.30
91.25- 92.75	6	9	0.06	0.10
89.75- 91.25	2	3	0.02	0.03
88.25- 89.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
108.93	MEAN VALUE	42.89
0.06	SE(MEAN)	0.03
6.31	SD DEVIATION	2.48
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.84
KURTOSIS---VETA II = 4.62
COEF. OF VARIATION = 5.79

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
128.67	99TH	50.66
125.14	98TH	49.27
123.10	97TH	48.47
120.55	95TH	47.46
117.09	90TH	46.10
115.03	85TH	45.29
113.54	80TH	44.70
112.34	75TH	44.23
111.32	70TH	43.83
110.44	65TH	43.48
109.63	60TH	43.16
108.89	55TH	42.87
108.18	50TH	42.59
107.49	45TH	42.32
106.82	40TH	42.05
106.14	35TH	41.79
105.44	30TH	41.51
104.71	25TH	41.22
103.90	20TH	40.90
102.97	15TH	40.54
101.80	10TH	40.08
100.03	5TH	39.38
98.84	3RD	38.91
97.93	2RD	38.56
96.43	1ST	37.97

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

CHEST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
123.75-125.25	1	9414	0.01	100.00
122.25-123.75	0	9413	0.00	99.99
120.75-122.25	2	9413	0.02	99.99
119.25-120.75	0	9411	0.00	99.97
117.75-119.25	0	9411	0.00	99.97
116.25-117.75	1	9411	0.01	99.97
114.75-116.25	1	9410	0.01	99.96
113.25-114.75	6	9409	0.06	99.95
111.75-113.25	9	9403	0.10	99.88
110.25-111.75	7	9394	0.07	99.79
108.75-110.25	28	9387	0.30	99.71
107.25-108.75	26	9359	0.28	99.42
105.75-107.25	57	9333	0.61	99.14
104.25-105.75	48	9276	0.51	98.53
102.75-104.25	79	9228	0.84	98.02
101.25-102.75	112	9149	1.19	97.19
99.75-101.25	168	9037	1.78	96.00
98.25- 99.75	176	8869	1.87	94.21
96.75- 98.25	318	8693	3.38	92.34
95.25- 96.75	418	8375	4.44	88.96
93.75- 95.25	701	7957	7.45	84.52
92.25- 93.75	870	7256	9.24	77.08
90.75- 92.25	1065	6386	11.31	67.84
89.25- 90.75	1065	5321	11.31	56.52
87.75- 89.25	1273	4256	13.52	45.21
86.25- 87.75	915	2983	9.72	31.69
84.75- 86.25	850	2068	9.03	21.97
83.25- 84.75	526	1218	5.59	12.94
81.75- 83.25	362	692	3.85	7.35
80.25- 81.75	174	330	1.85	3.51
78.75- 80.25	91	156	0.97	1.66
77.25- 78.75	37	65	0.39	0.69
75.75- 77.25	19	28	0.20	0.30
74.25- 75.75	8	9	0.08	0.10
72.75- 74.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
90.37	MEAN VALUE	35.58
0.06	SE(MEAN)	0.02
5.46	SD DEVIATION	2.15
0.04	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.72
KURTOSIS---VETA II = 4.47
COEF. OF VARIATION = 6.04

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
107.07	99TH	42.15
104.08	98TH	40.98
102.37	97TH	40.30
100.24	95TH	39.46
97.37	90TH	38.33
95.66	85TH	37.66
94.43	80TH	37.18
93.42	75TH	36.78
92.57	70TH	36.45
91.82	65TH	36.15
91.13	60TH	35.88
90.49	55TH	35.62
89.86	50TH	35.38
89.26	45TH	35.14
88.66	40TH	34.90
88.05	35TH	34.66
87.41	30TH	34.41
86.73	25TH	34.15
85.98	20TH	33.85
85.12	15TH	33.51
84.02	10TH	33.08
82.38	5TH	32.43
81.30	3RD	32.01
80.50	2RD	31.69
79.23	1ST	31.19

THE SUMMARY STATISTICS AND FREQUENCY TABLES

.....

WAIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
112.25-113.75	1	9414	0.01	100.00
110.75-112.25	0	9413	0.00	99.99
109.25-110.75	1	9413	0.01	99.99
107.75-109.25	5	9412	0.05	99.98
106.25-107.75	6	9407	0.06	99.93
104.75-106.25	6	9401	0.06	99.86
103.25-104.75	8	9395	0.08	99.80
101.75-103.25	21	9387	0.22	99.71
100.25-101.75	10	9366	0.11	99.49
98.75-100.25	35	9356	0.37	99.38
97.25- 98.75	32	9321	0.34	99.01
95.75- 97.25	55	9289	0.58	98.67
94.25- 95.75	59	9234	0.63	98.09
92.75- 94.25	61	9175	0.65	97.46
91.25- 92.75	68	9114	0.72	96.81
89.75- 91.25	125	9046	1.33	96.09
88.25- 89.75	115	8921	1.22	94.76
86.75- 88.25	208	8806	2.21	93.54
85.25- 86.75	222	8598	2.36	91.33
83.75- 85.25	409	8376	4.34	88.97
82.25- 83.75	401	7967	4.26	84.63
80.75- 82.25	675	7566	7.17	80.37
79.25- 80.75	729	6891	7.74	73.20
77.75- 79.25	892	6162	9.48	65.46
76.25- 77.75	911	5270	9.68	55.98
74.75- 76.25	974	4359	10.35	46.30
73.25- 74.75	829	3385	8.81	35.96
71.75- 73.25	853	2556	9.06	27.15
70.25- 71.75	581	1703	6.17	18.09
68.75- 70.25	561	1122	5.96	11.92
67.25- 68.75	244	561	2.59	5.96
65.75- 67.25	174	317	1.85	3.37
64.25- 65.75	72	143	0.76	1.52
62.75- 64.25	52	71	0.55	0.75
61.25- 62.75	13	19	0.14	0.20
59.75- 61.25	5	6	0.05	0.06
58.25- 59.75	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
77.53	MEAN VALUE	30.53
0.07	SE(MEAN)	0.03
6.71	SD DEVIATION	2.64
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.88
KURTOSIS---VETA II = 4.57
COEF. OF VARIATION = 8.66

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
99.08	99TH	39.01
95.11	98TH	37.44
92.83	97TH	36.55
90.02	95TH	35.44
86.26	90TH	33.96
84.04	85TH	33.09
82.44	80TH	32.46
81.16	75TH	31.95
80.08	70TH	31.53
79.13	65TH	31.15
78.27	60TH	30.81
77.47	55TH	30.50
76.71	50TH	30.20
75.97	45TH	29.91
75.25	40TH	29.62
74.52	35TH	29.34
73.77	30TH	29.04
72.98	25TH	28.73
72.11	20TH	28.39
71.13	15TH	28.00
69.90	10TH	27.52
68.10	5TH	26.81
66.94	3RD	26.35
66.09	2RD	26.02
64.76	1ST	25.49

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HIP CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
124.25-125.25	1	9414	0.01	100.00
123.25-124.25	0	9413	0.00	99.99
122.25-123.25	0	9413	0.00	99.99
121.25-122.25	0	9413	0.00	99.99
120.25-121.25	0	9413	0.00	99.99
119.25-120.25	0	9413	0.00	99.99
118.25-119.25	0	9413	0.00	99.99
117.25-118.25	0	9413	0.00	99.99
116.25-117.25	0	9413	0.00	99.99
115.25-116.25	0	9413	0.00	99.99
114.25-115.25	0	9413	0.00	99.99
113.25-114.25	2	9413	0.02	99.99
112.25-113.25	6	9411	0.06	99.97
111.25-112.25	2	9405	0.02	99.90
110.25-111.25	4	9403	0.04	99.88
109.25-110.25	6	9399	0.06	99.84
108.25-109.25	4	9393	0.04	99.78
107.25-108.25	12	9389	0.13	99.73
106.25-107.25	27	9377	0.29	99.61
105.25-106.25	28	9350	0.30	99.32
104.25-105.25	36	9322	0.38	99.02
103.25-104.25	49	9286	0.52	98.64
102.25-103.25	52	9237	0.55	98.12
101.25-102.25	92	9185	0.98	97.57
100.25-101.25	57	9093	0.61	96.59
99.25-100.25	197	9036	2.09	95.98
98.25- 99.25	222	8839	2.36	93.89
97.25- 98.25	268	8617	2.85	91.53
96.25- 97.25	357	8349	3.79	88.69
95.25- 96.25	423	7992	4.49	84.89
94.25- 95.25	536	7569	5.69	80.40
93.25- 94.25	685	7033	7.28	74.71
92.25- 93.25	787	6348	8.36	67.43
91.25- 92.25	831	5561	8.83	59.07
90.25- 91.25	838	4730	8.90	50.24
89.25- 90.25	864	3892	9.18	41.34
88.25- 89.25	738	3028	7.84	32.16
87.25- 88.25	632	2290	6.71	24.33
86.25- 87.25	509	1658	5.41	17.61
85.25- 86.25	400	1149	4.25	12.21
84.25- 85.25	299	749	3.18	7.96
83.25- 84.25	186	450	1.98	4.78
82.25- 83.25	115	264	1.22	2.80
81.25- 82.25	76	149	0.81	1.58
80.25- 81.25	36	73	0.38	0.78
79.25- 80.25	25	37	0.27	0.39
78.25- 79.25	5	12	0.05	0.13
77.25- 78.25	5	7	0.05	0.07
76.25- 77.25	1	2	0.01	0.02
75.25- 76.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
91.63	MEAN VALUE	36.07
0.05	SE(MEAN)	0.02
4.79	SD DEVIATION	1.89
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.54
KURTOSIS---VETA II = 4.01
COEF. OF VARIATION = 5.23

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
105.24	99TH	41.43
102.94	98TH	40.53
101.61	97TH	40.00
99.94	95TH	39.35
97.64	90TH	38.44
96.24	85TH	37.89
95.21	80TH	37.48
94.35	75TH	37.15
93.62	70TH	36.86
92.96	65TH	36.60
92.35	60TH	36.36
91.77	55TH	36.13
91.21	50TH	35.91
90.66	45TH	35.69
90.11	40TH	35.47
89.54	35TH	35.25
88.95	30TH	35.02
88.32	25TH	34.77
87.61	20TH	34.49
86.80	15TH	34.17
85.78	10TH	33.77
84.28	5TH	33.18
83.32	3RD	32.80
82.61	2RD	32.53
81.53	1ST	32.10

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

VERTICAL TRUNCK CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF.	FPCT	CUMPCT
194.25-195.75	1	9414	0.01	100.00
192.75-194.25	1	9413	0.01	99.99
191.25-192.75	0	9412	0.00	99.98
189.75-191.25	0	9412	0.00	99.98
188.25-189.75	0	9412	0.00	99.98
186.75-188.25	2	9412	0.02	99.98
185.25-186.75	0	9410	0.00	99.96
183.75-185.25	6	9410	0.06	99.96
182.25-183.75	3	9404	0.03	99.89
180.75-182.25	8	9401	0.08	99.86
179.25-180.75	12	9393	0.13	99.78
177.75-179.25	10	9381	0.11	99.65
176.25-177.75	23	9371	0.24	99.54
174.75-176.25	21	9348	0.22	99.30
173.25-174.75	33	9327	0.35	99.08
171.75-173.25	66	9294	0.70	98.73
170.25-171.75	70	9228	0.74	98.02
168.75-170.25	107	9158	1.14	97.28
167.25-168.75	153	9051	1.63	96.14
165.75-167.25	204	8898	2.17	94.52
164.25-165.75	228	8694	2.42	92.35
162.75-164.25	335	8466	3.56	89.93
161.25-162.75	391	8131	4.15	86.37
159.75-161.25	590	7740	6.27	82.22
158.25-159.75	523	7150	5.56	75.95
156.75-158.25	721	6627	7.66	70.40
155.25-156.75	721	5906	7.66	62.74
153.75-155.25	853	5185	9.06	55.08
152.25-153.75	768	4332	8.16	46.02
150.75-152.25	794	3564	8.43	37.86
149.25-150.75	621	2770	6.60	29.42
147.75-149.25	659	2149	7.00	22.83
146.25-147.75	394	1490	4.19	15.83
144.75-146.25	405	1096	4.30	11.64
143.25-144.75	243	691	2.58	7.34
141.75-143.25	181	448	1.92	4.76
140.25-141.75	84	267	0.89	2.84
138.75-140.25	89	183	0.95	1.94
137.25-138.75	39	94	0.41	1.00
135.75-137.25	25	55	0.27	0.58
134.25-135.75	12	30	0.13	0.32
132.75-134.25	9	18	0.10	0.19
131.25-132.75	7	9	0.07	0.10
129.75-131.25	2	2	0.02	0.02

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
154.80	MEAN VALUE	60.94
0.08	SE(MEAN)	0.03
7.43	SD DEVIATION	2.92
0.05	SE(SD DEV)	0.02

****

SYMMETRY---VETA I = 0.37
KURTOSIS---VETA II = 3.62
COEF. OF VARIATION = 4.80

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
174.48	99TH	68.69
171.62	98TH	67.57
169.89	97TH	66.89
167.64	95TH	66.00
164.37	90TH	64.71
162.29	85TH	63.89
160.71	80TH	63.27
159.39	75TH	62.75
158.23	70TH	62.30
157.19	65TH	61.89
156.22	60TH	61.50
155.30	55TH	61.14
154.40	50TH	60.79
153.52	45TH	60.44
152.64	40TH	60.09
151.74	35TH	59.74
150.79	30TH	59.37
149.79	25TH	58.97
148.67	20TH	58.53
147.38	15TH	58.02
145.76	10TH	57.38
143.34	5TH	56.43
141.75	3RD	55.81
140.57	2RD	55.34
138.67	1ST	54.59

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

****

ARMSCYE CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
58.25- 59.25	1	9414	0.01	100.00
57.25- 58.25	1	9413	0.01	99.99
56.25- 57.25	2	9412	0.02	99.98
55.25- 56.25	6	9410	0.06	99.96
54.25- 55.25	7	9404	0.07	99.89
53.25- 54.25	16	9397	0.17	99.82
52.25- 53.25	29	9381	0.31	99.65
51.25- 52.25	28	9352	0.30	99.34
50.25- 51.25	55	9324	0.58	99.04
49.25- 50.25	98	9269	1.04	98.46
48.25- 49.25	135	9171	1.43	97.42
47.25- 48.25	171	9036	1.82	95.98
46.25- 47.25	240	8865	2.55	94.17
45.25- 46.25	331	8625	3.52	91.62
44.25- 45.25	510	8294	5.42	88.10
43.25- 44.25	673	7784	7.15	82.69
42.25- 43.25	904	7111	9.60	75.54
41.25- 42.25	1127	6207	11.97	65.93
40.25- 41.25	1305	5080	13.86	53.96
39.25- 40.25	1400	3775	14.87	40.10
38.25- 39.25	902	2375	9.58	25.23
37.25- 38.25	669	1473	7.11	15.65
36.25- 37.25	433	804	4.60	8.54
35.25- 36.25	196	371	2.08	3.94
34.25- 35.25	105	175	1.12	1.86
33.25- 34.25	39	70	0.41	0.74
32.25- 33.25	18	31	0.19	0.33
31.25- 32.25	8	13	0.08	0.14
30.25- 31.25	3	5	0.03	0.05
29.25- 30.25	2	2	0.02	0.02

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
41.55	MEAN VALUE	16.36
0.03	SE(MEAN)	0.01
3.38	SD DEVIATION	1.33
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.68
KURTOSIS---VETA II = 4.12
COEF. OF VARIATION = 8.15

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
51.31	99TH	20.20
49.76	98TH	19.59
48.81	97TH	19.22
47.59	95TH	18.73
45.83	90TH	18.04
44.74	85TH	17.61
43.93	80TH	17.30
43.27	75TH	17.04
42.71	70TH	16.82
42.22	65TH	[illegible]
41.78	60TH	16.45
41.36	55TH	16.28
40.97	50TH	16.13
40.59	45TH	15.98
40.22	40TH	15.84
39.85	35TH	15.69
39.48	30TH	15.54
39.08	25TH	15.39
38.65	20TH	15.22
38.16	15TH	15.02
37.53	10TH	14.78
36.57	5TH	14.40
35.88	3RD	14.13
35.34	2RD	13.91
34.36	1ST	13.54

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

UPPER ARM CIRCUMFERENCE, RELAXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
38.25- 38.75	1	9414	0.01	100.00
37.75- 38.25	0	9413	0.00	99.99
37.25- 37.75	1	9413	0.01	99.99
36.75- 37.25	0	9412	0.00	99.98
36.25- 36.75	1	9412	0.01	99.98
35.75- 36.25	4	9411	0.04	99.97
35.25- 35.75	2	9407	0.02	99.93
34.75- 35.25	10	9405	0.11	99.90
34.25- 34.75	7	9395	0.07	99.80
33.75- 34.25	17	9388	0.18	99.72
33.25- 33.75	18	9371	0.19	99.54
32.75- 33.25	44	9353	0.47	99.35
32.25- 32.75	30	9309	0.32	98.88
31.75- 32.25	78	9279	0.83	98.57
31.25- 31.75	27	9201	0.29	97.74
30.75- 31.25	137	9174	1.46	97.45
30.25- 30.75	72	9037	0.76	96.00
29.75- 30.25	246	8965	2.61	95.23
29.25- 29.75	101	8719	1.07	92.62
28.75- 29.25	385	8618	4.09	91.54
28.25- 28.75	160	8233	1.70	87.45
27.75- 28.25	649	8073	6.89	85.76
27.25- 27.75	280	7424	2.97	78.86
26.75- 27.25	1093	7144	11.61	75.89
26.25- 26.75	398	6051	4.23	64.28
25.75- 26.25	1293	5653	13.73	60.05
25.25- 25.75	483	4360	5.13	46.31
24.75- 25.25	1298	3877	13.79	41.18
24.25- 24.75	466	2579	4.95	27.40
23.75- 24.25	937	2113	9.95	22.45
23.25- 23.75	269	1176	2.86	12.49
22.75- 23.25	474	907	5.04	9.63
22.25- 22.75	147	433	1.56	4.60
21.75- 22.25	178	286	1.89	3.04
21.25- 21.75	36	108	0.38	1.15
20.75- 21.25	45	72	0.48	0.76
20.25- 20.75	12	27	0.13	0.29
19.75- 20.25	13	15	0.14	0.16
19.25- 19.75	0	2	0.00	0.02
18.75- 19.25	1	2	0.01	0.02
18.25- 18.75	0	1	0.00	0.01
17.75- 18.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
26.07	MEAN VALUE	10.26
0.02	SE(MEAN)	0.01
2.30	SD DEVIATION	0.91
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.68
KURTOSIS---VETA II = 4.00
COEF. OF VARIATION = 8.63

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
32.96	99TH	12.98
31.78	98TH	12.51
31.08	97TH	12.24
30.22	95TH	11.90
29.03	90TH	11.43
28.30	85TH	11.14
27.78	80TH	10.94
27.35	75TH	10.77
26.98	70TH	10.62
26.65	65TH	10.49
26.36	60TH	10.38
26.08	55TH	10.27
25.81	50TH	10.16
25.55	45TH	10.06
25.30	40TH	9.96
25.04	35TH	9.86
24.77	30TH	9.75
24.49	25TH	9.64
24.17	20TH	9.52
23.82	15TH	9.38
23.38	10TH	9.20
22.73	5TH	8.95
22.31	3RD	8.78
22.00	2RD	8.66
21.52	1ST	8.47

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BICEPS CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
40.75- 41.25	1	9414	0.01	100.00
40.25- 40.75	1	9413	0.01	99.99
39.75- 40.25	1	9412	0.01	99.98
39.25- 39.75	2	9411	0.02	99.97
38.75- 39.25	6	9409	0.06	99.95
38.25- 38.75	5	9403	0.05	99.88
37.75- 38.25	9	9398	0.10	99.83
37.25- 37.75	10	9389	0.11	99.73
36.75- 37.25	21	9379	0.22	99.63
36.25- 36.75	10	9358	0.11	99.41
35.75- 36.25	47	9348	0.50	99.30
35.25- 35.75	38	9301	0.40	98.80
34.75- 35.25	77	9263	0.82	98.40
34.25- 34.75	33	9186	0.35	97.58
33.75- 34.25	117	9153	1.24	97.23
33.25- 33.75	53	9036	0.56	95.98
32.75- 33.25	210	8983	2.23	95.42
32.25- 32.75	85	8773	0.90	93.19
31.75- 32.25	307	8688	3.26	92.29
31.25- 31.75	129	8381	1.37	89.03
30.75- 31.25	571	8252	6.07	87.66
30.25- 30.75	241	7681	2.56	81.59
29.75- 30.25	973	7440	10.34	79.03
29.25- 29.75	280	6467	2.97	68.70
28.75- 29.25	1082	6187	11.49	65.72
28.25- 28.75	399	5105	4.24	54.23
27.75- 28.25	1298	4706	13.79	49.99
27.25- 27.75	410	3408	4.36	36.20
26.75- 27.25	1070	2998	11.37	31.85
26.25- 26.75	305	1928	3.24	20.48
25.75- 26.25	750	1623	7.97	17.24
25.25- 25.75	208	873	2.21	9.27
24.75- 25.25	347	665	3.69	7.06
24.25- 24.75	95	318	1.01	3.38
23.75- 24.25	116	223	1.23	2.37
23.25- 23.75	44	107	0.47	1.14
22.75- 23.25	39	63	0.41	0.67
22.25- 22.75	7	24	0.07	0.25
21.75- 22.25	12	17	0.13	0.18
21.25- 21.75	2	5	0.02	0.05
20.75- 21.25	2	3	0.02	0.03
20.25- 20.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
28.64	MEAN VALUE	11.28
0.03	SE(MEAN)	0.01
2.51	SD DEVIATION	0.99
0.02	SE(SD DEV)	0.01

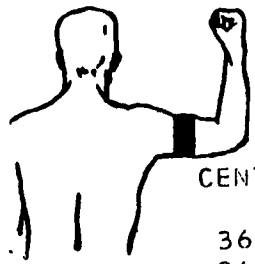
****

SYMMETRY---VETA I = 0.65
KURTOSIS---VETA II = 3.98
COEF. OF VARIATION = 8.77

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
36.06	99TH	14.20
34.84	98TH	13.72
34.11	97TH	13.43
33.19	95TH	13.07
31.90	90TH	12.56
31.12	85TH	12.25
30.54	80TH	12.02
30.06	75TH	11.84
29.66	70TH	11.68
29.30	65TH	11.54
28.98	60TH	11.41
28.67	55TH	11.29
28.38	50TH	11.17
28.09	45TH	11.06
27.82	40TH	10.95
27.53	35TH	10.84
27.25	30TH	10.73
26.94	25TH	10.61
26.60	20TH	10.47
26.22	15TH	10.32
25.73	10TH	10.13
25.01	5TH	9.85
24.53	3RD	9.66
24.16	2ND	9.51
23.56	1ST	9.28

VARIABLE

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

FOREARM CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
33.75- 34.05	6	9414	0.06	100.00
33.45- 33.75	3	9408	0.03	99.94
33.15- 33.45	0	9405	0.00	99.90
32.85- 33.15	13	9405	0.14	99.90
32.55- 32.85	0	9392	0.00	99.77
32.25- 32.55	4	9392	0.04	99.77
31.95- 32.25	36	9388	0.38	99.72
31.65- 31.95	3	9352	0.03	99.34
31.35- 31.65	17	9349	0.18	99.31
31.05- 31.35	7	9332	0.07	99.13
30.75- 31.05	96	9325	1.02	99.05
30.45- 30.75	47	9229	0.50	98.03
30.15- 30.45	17	9182	0.18	97.54
29.85- 30.15	265	9165	2.81	97.36
29.55- 29.85	26	8900	0.28	94.54
29.25- 29.55	93	8874	0.99	94.26
28.95- 29.25	536	8781	5.69	93.28
28.65- 28.95	51	8245	0.54	87.58
28.35- 28.65	224	8194	2.38	87.04
28.05- 28.35	86	7970	0.91	84.66
27.75- 28.05	909	7884	9.66	83.75
27.45- 27.75	431	6975	4.58	74.09
27.15- 27.45	147	6544	1.56	69.51
26.85- 27.15	1303	6397	13.84	67.95
26.55- 26.85	124	5094	1.32	54.11
26.25- 26.55	478	4970	5.08	52.79
25.95- 26.25	1288	4492	13.68	47.72
25.65- 25.95	67	3204	0.71	34.03
25.35- 25.65	478	3137	5.08	33.32
25.05- 25.35	152	2659	1.61	28.25
24.75- 25.05	981	2507	10.42	26.63
24.45- 24.75	338	1526	3.59	16.21
24.15- 24.45	97	1188	1.03	12.62
23.85- 24.15	539	1091	5.73	11.59
23.55- 23.85	35	552	0.37	5.86
23.25- 23.55	145	517	1.54	5.49
22.95- 23.25	218	372	2.32	3.95
22.65- 22.95	12	154	0.13	1.64
22.35- 22.65	46	142	0.49	1.51
22.05- 22.35	7	96	0.07	1.02
21.75- 22.05	47	89	0.50	0.95
21.45- 21.75	16	42	0.17	0.45
21.15- 21.45	2	26	0.02	0.28
20.85- 21.15	15	24	0.16	0.25
20.55- 20.85	1	9	0.01	0.10
20.25- 20.55	5	8	0.05	0.08
19.95- 20.25	2	3	0.02	0.03
19.65- 19.95	0	1	0.00	0.01
19.35- 19.65	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
26.51	MEAN VALUE	10.44
0.02	SE(MEAN)	0.01
1.90	SD DEVIATION	0.75
0.01	SE(SD DEV)	0.01

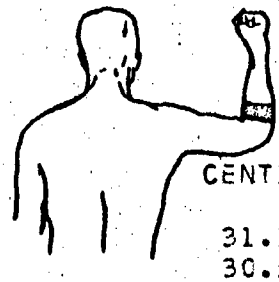
****

SYMMETRY---VETA I = 0.20
KURTOSIS---VETA II = 3.25
COEF. OF VARIATION = 7.15

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
31.11	99TH	12.25
30.58	98TH	12.04
30.23	97TH	11.90
29.76	95TH	11.72
29.01	90TH	11.42
28.51	85TH	11.22
28.11	80TH	11.07
27.77	75TH	10.93
27.47	70TH	10.81
27.19	65TH	10.71
26.94	60TH	10.61
26.69	55TH	10.51
26.45	50TH	10.41
26.21	45TH	10.32
25.97	40TH	10.23
25.73	35TH	10.13
25.48	30TH	10.03
25.21	25TH	9.92
24.91	20TH	9.81
24.57	15TH	9.67
24.15	10TH	9.51
23.53	5TH	9.26
23.12	3RD	9.10
22.83	2RD	8.99
22.35	1ST	8.80

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

WRIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
20.35- 20.55	1	9414	0.01	100.00
20.15- 20.35	0	9413	0.00	99.99
19.95- 20.15	11	9413	0.12	99.99
19.75- 19.95	0	9402	0.00	99.87
19.55- 19.75	1	9402	0.01	99.87
19.35- 19.55	13	9401	0.14	99.86
19.15- 19.35	9	9388	0.10	99.72
18.95- 19.15	144	9379	1.53	99.63
18.75- 18.95	4	9235	0.04	98.10
18.55- 18.75	15	9231	0.16	98.06
18.35- 18.55	125	9216	1.33	97.90
18.15- 18.35	70	9091	0.74	96.57
17.95- 18.15	862	9021	9.16	95.83
17.75- 17.95	70	8159	0.74	86.67
17.55- 17.75	108	8089	1.15	85.93
17.35- 17.55	576	7981	6.12	84.78
17.15- 17.35	318	7405	3.38	78.66
16.95- 17.15	1989	7087	21.13	75.28
16.75- 16.95	241	5098	2.56	54.15
16.55- 16.75	245	4857	2.60	51.59
16.35- 16.55	1104	4612	11.73	48.99
16.15- 16.35	413	3508	4.39	37.26
15.95- 16.15	1674	3095	17.78	32.88
15.75- 15.95	133	1421	1.41	15.09
15.55- 15.75	129	1288	1.37	13.68
15.35- 15.55	470	1159	4.99	12.31
15.15- 15.35	171	689	1.82	7.32
14.95- 15.15	377	518	4.00	5.50
14.75- 14.95	23	141	0.24	1.50
14.55- 14.75	18	118	0.19	1.25
14.35- 14.55	54	100	0.57	1.06
14.15- 14.35	9	46	0.10	0.49
13.95- 14.15	33	37	0.35	0.39
13.75- 13.95	0	4	0.00	0.04
13.55- 13.75	1	4	0.01	0.04
13.35- 13.55	3	3	0.03	0.03



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
16.67	MEAN VALUE	6.56
0.01	SE(MEAN)	0.00
0.93	SD DEVIATION	0.36
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.15
KURTOSIS---VETA II = 3.14
COEF. OF VARIATION = 5.55

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
19.03	99TH	7.49
18.68	98TH	7.36
18.48	97TH	7.28
18.22	95TH	7.17
17.84	90TH	7.02
17.60	85TH	6.93
17.42	80TH	6.86
17.27	75TH	6.80
17.13	70TH	6.74
17.01	65TH	6.70
16.89	60TH	6.65
16.78	55TH	6.61
16.67	50TH	6.56
16.56	45TH	6.52
16.45	40TH	6.48
16.33	35TH	6.43
16.21	30TH	6.38
16.08	25TH	6.33
15.93	20TH	6.27
15.76	15TH	6.21
15.55	10TH	6.12
15.22	5TH	5.99
15.00	3RD	5.91
14.85	2RD	5.84
14.60	1ST	5.75

*IN CENTIMETERS

TOTAL SERIES

VARIABLE

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

HAND CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
25.95- 26.15	1	9414	0.01	100.00
25.75- 25.95	0	9413	0.00	99.99
25.55- 25.75	0	9413	0.00	99.99
25.35- 25.55	0	9413	0.00	99.99
25.15- 25.35	0	9413	0.00	99.99
24.95- 25.15	5	9413	0.05	99.99
24.75- 24.95	0	9408	0.00	99.94
24.55- 24.75	0	9408	0.00	99.94
24.35- 24.55	7	9408	0.07	99.94
24.15- 24.35	6	9401	0.06	99.86
23.95- 24.15	80	9395	0.85	99.80
23.75- 23.95	2	9315	0.02	98.95
23.55- 23.75	9	9313	0.10	98.93
23.35- 23.55	54	9304	0.57	98.83
23.15- 23.35	19	9250	0.20	98.26
22.95- 23.15	475	9231	5.05	98.06
22.75- 22.95	24	8756	0.25	93.01
22.55- 22.75	32	8732	0.34	92.76
22.35- 22.55	404	8700	4.29	92.42
22.15- 22.35	138	8296	1.47	88.12
21.95- 22.15	1500	8158	15.93	86.66
21.75- 21.95	132	6658	1.40	70.72
21.55- 21.75	111	6526	1.18	69.32
21.35- 21.55	824	6415	8.75	68.14
21.15- 21.35	284	5591	3.02	59.39
20.95- 21.15	2085	5307	22.15	56.37
20.75- 20.95	180	3222	1.91	34.23
20.55- 20.75	164	3042	1.74	32.31
20.35- 20.55	753	2878	8.00	30.57
20.15- 20.35	207	2125	2.20	22.57
19.95- 20.15	1113	1918	11.82	20.37
19.75- 19.95	46	805	0.49	8.55
19.55- 19.75	72	759	0.76	8.06
19.35- 19.55	271	687	2.88	7.30
19.15- 19.35	51	416	0.54	4.42
18.95- 19.15	231	365	2.45	3.88
18.75- 18.95	17	134	0.18	1.42
18.55- 18.75	16	117	0.17	1.24
18.35- 18.55	53	101	0.56	1.07
18.15- 18.35	9	48	0.10	0.51
17.95- 18.15	33	39	0.35	0.41
17.75- 17.95	0	6	0.00	0.06
17.55- 17.75	1	6	0.01	0.06
17.35- 17.55	1	5	0.01	0.05
17.15- 17.35	3	4	0.03	0.04
16.95- 17.15	1	1	0.01	0.01

*IN CENTIMETERS

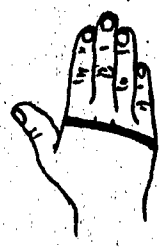
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
21.13	MEAN VALUE	8.32
0.01	SE(MEAN)	0.00
1.06	SD DEVIATION	0.42
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 5.03

****



NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
23.80	99TH	9.37
23.41	98TH	9.21
23.17	97TH	9.12
22.88	95TH	9.01
22.47	90TH	8.85
22.21	85TH	8.74
22.01	80TH	8.66
21.84	75TH	8.60
21.69	70TH	8.54
21.55	65TH	8.48
21.42	60TH	8.43
21.29	55TH	8.38
21.17	50TH	8.33
21.04	45TH	8.28
20.91	40TH	8.23
20.78	35TH	8.18
20.63	30TH	8.12
20.48	25TH	8.06
20.30	20TH	7.99
20.08	15TH	7.91
19.81	10TH	7.80
19.39	5TH	7.63
19.11	3RD	7.53
18.91	2RD	7.44
18.58	1ST	7.32

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR CROTCH-THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
71.25- 72.25	1	9413	0.01	100.00
70.25- 71.25	0	9412	0.00	99.99
69.25- 70.25	4	9412	0.04	99.99
68.25- 69.25	3	9408	0.03	99.95
67.25- 68.25	11	9405	0.12	99.91
66.25- 67.25	11	9394	0.12	99.80
65.25- 66.25	17	9383	0.18	99.68
64.25- 65.25	24	9366	0.25	99.50
63.25- 64.25	44	9342	0.47	99.25
62.25- 63.25	52	9298	0.55	98.78
61.25- 62.25	89	9246	0.95	98.23
60.25- 61.25	127	9157	1.35	97.28
59.25- 60.25	174	9030	1.85	95.93
58.25- 59.25	242	8856	2.57	94.08
57.25- 58.25	348	8614	3.70	91.51
56.25- 57.25	445	8266	4.73	87.81
55.25- 56.25	527	7821	5.60	83.09
54.25- 55.25	696	7294	7.39	77.49
53.25- 54.25	834	6598	8.86	70.09
52.25- 53.25	892	5764	9.48	61.23
51.25- 52.25	919	4872	9.76	51.76
50.25- 51.25	925	3953	9.83	42.00
49.25- 50.25	960	3028	10.20	32.17
48.25- 49.25	688	2068	7.31	21.97
47.25- 48.25	474	1380	5.04	14.66
46.25- 47.25	376	906	3.99	9.62
45.25- 46.25	239	530	2.54	5.63
44.25- 45.25	159	291	1.69	3.09
43.25- 44.25	63	132	0.67	1.40
42.25- 43.25	29	69	0.31	0.73
41.25- 42.25	16	40	0.17	0.42
40.25- 41.25	15	24	0.16	0.25
39.25- 40.25	7	9	0.07	0.10
38.25- 39.25	1	2	0.01	0.02
37.25- 38.25	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
52.56	MEAN VALUE	20.69
0.04	SE(MEAN)	0.02
4.19	SD DEVIATION	1.65
0.03	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.42
KURTOSIS---VETA II = 3.52
COEF. OF VARIATION = 7.96

****

NUMBER OF SUBJECTS = 9413.

****

THE PERCENTILES

CENTIMETERS		INCHES
63.71	99TH	25.08
62.05	98TH	24.43
61.05	97TH	24.03
59.73	95TH	23.52
57.83	90TH	22.77
56.61	85TH	22.29
55.70	80TH	21.93
54.93	75TH	21.63
54.26	70TH	21.36
53.67	65TH	21.13
53.11	60TH	20.91
52.59	55TH	20.70
52.08	50TH	20.50
51.58	45TH	20.31
51.09	40TH	20.11
50.59	35TH	19.92
50.07	30TH	19.71
49.51	25TH	19.49
48.90	20TH	19.25
48.21	15TH	18.98
47.34	10TH	18.64
46.06	5TH	18.13
45.23	3RD	17.81
44.61	2RD	17.56
43.62	1ST	17.17

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

LOWER THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
48.75- 49.25	1	9414	0.01	100.00
48.25- 48.75	1	9413	0.01	99.99
47.75- 48.25	1	9412	0.01	99.98
47.25- 47.75	3	9411	0.03	99.97
46.75- 47.25	8	9408	0.08	99.94
46.25- 46.75	3	9400	0.03	99.85
45.75- 46.25	13	9397	0.14	99.82
45.25- 45.75	4	9384	0.04	99.68
44.75- 45.25	17	9380	0.18	99.64
44.25- 44.75	11	9363	0.12	99.46
43.75- 44.25	37	9352	0.39	99.34
43.25- 43.75	15	9315	0.16	98.95
42.75- 43.25	66	9300	0.70	98.79
42.25- 42.75	27	9234	0.29	98.09
41.75- 42.25	149	9207	1.58	97.80
41.25- 41.75	64	9058	0.68	96.22
40.75- 41.25	259	8994	2.75	95.54
40.25- 40.75	106	8735	1.13	92.79
39.75- 40.25	419	8629	4.45	91.66
39.25- 39.75	170	8210	1.81	87.21
38.75- 39.25	660	8040	7.01	85.40
38.25- 38.75	233	7380	2.48	78.39
37.75- 38.25	923	7147	9.80	75.92
37.25- 37.75	350	6224	3.72	66.11
36.75- 37.25	1096	5874	11.64	62.40
36.25- 36.75	318	4778	3.38	50.75
35.75- 36.25	1139	4460	12.10	47.38
35.25- 35.75	319	3321	3.39	35.28
34.75- 35.25	954	3002	10.13	31.89
34.25- 34.75	326	2048	3.46	21.75
33.75- 34.25	703	1722	7.47	18.29
33.25- 33.75	180	1019	1.91	10.82
32.75- 33.25	369	839	3.92	8.91
32.25- 32.75	104	470	1.10	4.99
31.75- 32.25	187	366	1.99	3.89
31.25- 31.75	40	179	0.42	1.90
30.75- 31.25	72	139	0.76	1.48
30.25- 30.75	21	67	0.22	0.71
29.75- 30.25	33	46	0.35	0.49
29.25- 29.75	4	13	0.04	0.14
28.75- 29.25	2	9	0.02	0.10
28.25- 28.75	1	7	0.01	0.07
27.75- 28.25	5	6	0.05	0.06
27.25- 27.75	0	1	0.00	0.01
26.75- 27.25	0	1	0.00	0.01
26.25- 26.75	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
36.70	MEAN VALUE	14.45
0.03	SE(MEAN)	0.01
2.63	SD DEVIATION	1.04
0.02	SE(SD DEV)	0.01

****

SYMMETRY---VETA I = 0.36
KURTOSIS---VETA II = 3.56
COEF. OF VARIATION = 7.18

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
43.75	99TH	17.22
42.66	98TH	16.80
42.02	97TH	16.54
41.19	95TH	16.22
40.03	90TH	15.76
39.30	85TH	15.47
38.75	80TH	15.25
38.29	75TH	15.07
37.89	70TH	14.92
37.53	65TH	14.77
37.19	60TH	14.64
36.87	55TH	14.52
36.56	50TH	14.39
36.25	45TH	14.27
35.94	40TH	14.15
35.63	35TH	14.03
35.30	30TH	13.90
34.94	25TH	13.76
34.54	20TH	13.60
34.08	15TH	13.42
33.50	10TH	13.19
32.64	5TH	12.85
32.08	3RD	12.63
31.67	2RD	12.47
31.02	1ST	12.21

TOTAL SERIES

VARIABLE 57

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CALF CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
44.25- 44.75	1	9414	0.01	100.00
43.75- 44.25	2	9413	0.02	99.99
43.25- 43.75	1	9411	0.01	99.97
42.75- 43.25	3	9410	0.03	99.96
42.25- 42.75	4	9407	0.04	99.93
41.75- 42.25	14	9403	0.15	99.88
41.25- 41.75	5	9389	0.05	99.73
40.75- 41.25	13	9384	0.14	99.68
40.25- 40.75	18	9371	0.19	99.54
39.75- 40.25	53	9353	0.56	99.35
39.25- 39.75	29	9300	0.31	98.79
38.75- 39.25	83	9271	0.88	98.48
38.25- 38.75	65	9188	0.69	97.60
37.75- 38.25	176	9123	1.87	96.91
37.25- 37.75	149	8947	1.58	95.04
36.75- 37.25	331	8798	3.52	93.46
36.25- 36.75	251	8467	2.67	89.94
35.75- 36.25	530	8216	5.63	87.27
35.25- 35.75	396	7686	4.21	81.64
34.75- 35.25	848	7290	9.01	77.44
34.25- 34.75	599	6442	6.36	68.43
33.75- 34.25	1113	5843	11.82	62.07
33.25- 33.75	535	4730	5.68	50.24
32.75- 33.25	1105	4195	11.74	44.56
32.25- 32.75	565	3090	6.00	32.82
31.75- 32.25	876	2525	9.31	26.82
31.25- 31.75	353	1649	3.75	17.52
30.75- 31.25	592	1296	6.29	13.77
30.25- 30.75	238	704	2.53	7.48
29.75- 30.25	273	466	2.90	4.95
29.25- 29.75	72	193	0.76	2.05
28.75- 29.25	78	121	0.83	1.29
28.25- 28.75	15	43	0.16	0.46
27.75- 28.25	14	28	0.15	0.30
27.25- 27.75	7	14	0.07	0.15
26.75- 27.25	5	7	0.05	0.07
26.25- 26.75	1	2	0.01	0.02
25.75- 26.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.77	MEAN VALUE	13.29
0.02	SE(MEAN)	0.01
2.26	SD DEVIATION	0.89
0.02	SE(SD DEV)	0.01

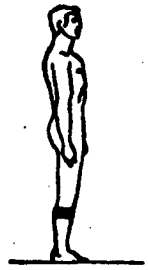
****

SYMMETRY---VETA I = 0.42
KURTOSIS---VETA II = 3.49
COEF. OF VARIATION = 6.70

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
39.91	99TH	15.71
38.97	98TH	15.34
38.42	97TH	15.12
37.71	95TH	14.85
36.69	90TH	14.45
36.05	85TH	14.19
35.57	80TH	14.00
35.16	75TH	13.84
34.81	70TH	13.70
34.49	65TH	13.58
34.19	60TH	13.46
33.91	55TH	13.35
33.63	50TH	13.24
33.35	45TH	13.13
33.08	40TH	13.02
32.80	35TH	12.91
32.51	30TH	12.80
32.20	25TH	12.68
31.85	20TH	12.54
31.46	15TH	12.39
30.98	10TH	12.20
30.30	5TH	11.93
29.88	3RD	11.76
29.59	2ND	11.65
29.16	1ST	11.48

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

ANKLE CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
26.95- 27.15	1	9414	0.01	100.00
26.75- 26.95	0	9413	0.00	99.99
26.55- 26.75	0	9413	0.00	99.99
26.35- 26.55	2	9413	0.02	99.99
26.15- 26.35	0	9411	0.00	99.97
25.95- 26.15	6	9411	0.06	99.97
25.75- 25.95	1	9405	0.01	99.90
25.55- 25.75	1	9404	0.01	99.89
25.35- 25.55	7	9403	0.07	99.88
25.15- 25.35	2	9396	0.02	99.81
24.95- 25.15	38	9394	0.40	99.79
24.75- 24.95	6	9356	0.06	99.38
24.55- 24.75	5	9350	0.05	99.32
24.35- 24.55	36	9345	0.38	99.27
24.15- 24.35	22	9309	0.23	98.88
23.95- 24.15	205	9287	2.18	98.65
23.75- 23.95	20	9082	0.21	96.47
23.55- 23.75	24	9062	0.25	96.26
23.35- 23.55	143	9038	1.52	96.01
23.15- 23.35	80	8895	0.85	94.49
22.95- 23.15	669	8815	7.11	93.64
22.75- 22.95	96	8146	1.02	86.53
22.55- 22.75	88	8050	0.93	85.51
22.35- 22.55	421	7962	4.47	84.58
22.15- 22.35	248	7541	2.63	80.10
21.95- 22.15	1395	7293	14.82	77.47
21.75- 21.95	220	5898	2.34	62.65
21.55- 21.75	127	5678	1.35	60.31
21.35- 21.55	781	5551	8.30	58.97
21.15- 21.35	398	4770	4.23	50.67
20.95- 21.15	1567	4372	16.65	46.44
20.75- 20.95	241	2805	2.56	29.80
20.55- 20.75	175	2564	1.86	27.24
20.35- 20.55	626	2389	6.65	25.38
20.15- 20.35	205	1763	2.18	18.73
19.95- 20.15	919	1558	9.76	16.55
19.75- 19.95	92	639	0.98	6.79
19.55- 19.75	50	547	0.53	5.81
19.35- 19.55	193	497	2.05	5.28
19.15- 19.35	59	304	0.63	3.23
18.95- 19.15	159	245	1.69	2.60
18.75- 18.95	16	86	0.17	0.91
18.55- 18.75	10	70	0.11	0.74
18.35- 18.55	29	60	0.31	0.64
18.15- 18.35	9	31	0.10	0.33
17.95- 18.15	15	22	0.16	0.23
17.75- 17.95	3	7	0.03	0.07
17.55- 17.75	0	4	0.00	0.04
17.35- 17.55	4	4	0.04	0.04

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
21.41	MEAN VALUE	8.43
0.01	SE(MEAN)	0.00
1.19	SD DEVIATION	0.47
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.28
KURTOSIS---VETA II = 3.29
COEF. OF VARIATION = 5.58

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
24.48	99TH	9.64
24.08	98TH	9.48
23.83	97TH	9.38
23.50	95TH	9.25
23.00	90TH	9.06
22.67	85TH	8.93
22.42	80TH	8.83
22.21	75TH	8.74
22.02	70TH	8.67
21.84	65TH	8.60
21.68	60TH	8.54
21.53	55TH	8.48
21.38	50TH	8.42
21.23	45TH	8.36
21.08	40TH	8.30
20.92	35TH	8.24
20.76	30TH	8.17
20.59	25TH	8.11
20.40	20TH	8.03
20.19	15TH	7.95
19.93	10TH	7.85
19.55	5TH	7.70
19.31	3RD	7.60
19.15	2RD	7.54
18.89	1ST	7.44

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD HEIGHT (TRAGION-TU-VERTEX)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
15.55- 15.75	1	9414	0.01	100.00
15.35- 15.55	1	9413	0.01	99.99
15.15- 15.35	3	9412	0.03	99.98
14.95- 15.15	3	9409	0.03	99.95
14.75- 14.95	19	9406	0.20	99.91
14.55- 14.75	23	9387	0.24	99.71
14.35- 14.55	63	9364	0.67	99.47
14.15- 14.35	143	9301	1.52	98.80
13.95- 14.15	209	9158	2.22	97.28
13.75- 13.95	281	8949	2.98	95.06
13.55- 13.75	406	8668	4.31	92.08
13.35- 13.55	703	8262	7.47	87.76
13.15- 13.35	908	7559	9.65	80.30
12.95- 13.15	956	6651	10.18	70.65
12.75- 12.95	900	5693	9.56	60.47
12.55- 12.75	976	4793	10.37	50.91
12.35- 12.55	993	3817	10.55	40.55
12.15- 12.35	817	2824	8.68	30.00
11.95- 12.15	588	2007	6.25	21.32
11.75- 11.95	435	1419	4.62	15.07
11.55- 11.75	309	984	3.28	10.45
11.35- 11.55	269	675	2.86	7.17
11.15- 11.35	137	406	1.46	4.31
10.95- 11.15	131	269	1.39	2.86
10.75- 10.95	50	138	0.53	1.47
10.55- 10.75	36	88	0.38	0.93
10.35- 10.55	32	52	0.34	0.55
10.15- 10.35	13	20	0.14	0.21
9.95- 10.15	5	7	0.05	0.07
9.75- 9.95	2	2	0.02	0.02



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.71	MEAN VALUE	5.01
0.01	SE(MEAN)	0.00
0.76	SD DEVIATION	0.30
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = -0.20
KURTOSIS---VETA II = 3.21
COEF. OF VARIATION = 6.00

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
14.43	99TH	5.68
14.23	98TH	5.60
14.10	97TH	5.55
13.93	95TH	5.49
13.67	90TH	5.38
13.50	85TH	5.31
13.36	80TH	5.26
13.24	75TH	5.21
13.13	70TH	5.17
13.03	65TH	5.13
12.93	60TH	5.09
12.84	55TH	5.05
12.74	50TH	5.02
12.65	45TH	4.98
12.55	40TH	4.94
12.45	35TH	4.90
12.34	30TH	4.86
12.22	25TH	4.81
12.09	20TH	4.76
11.93	15TH	4.70
11.73	10TH	4.62
11.41	5TH	4.49
11.19	3RD	4.41
11.03	2RD	4.34
10.76	1ST	4.24

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD LENGTH.

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
21.35- 21.55	1	9414	0.01	100.00
21.15- 21.35	2	9413	0.02	99.99
20.95- 21.15	6	9411	0.06	99.97
20.75- 20.95	12	9405	0.13	99.90
20.55- 20.75	21	9393	0.22	99.78
20.35- 20.55	62	9372	0.66	99.55
20.15- 20.35	96	9310	1.02	98.90
19.95- 20.15	243	9214	2.58	97.88
19.75- 19.95	280	8971	2.97	95.29
19.55- 19.75	543	8691	5.77	92.32
19.35- 19.55	728	8148	7.73	86.55
19.15- 19.35	866	7420	9.20	78.82
18.95- 19.15	1145	6554	12.16	69.62
18.75- 18.95	831	5409	8.83	57.46
18.55- 18.75	943	4578	10.02	48.63
18.35- 18.55	903	3635	9.59	38.61
18.15- 18.35	704	2732	7.48	29.02
17.95- 18.15	649	2028	6.89	21.54
17.75- 17.95	382	1379	4.06	14.65
17.55- 17.75	337	997	3.58	10.59
17.35- 17.55	272	660	2.89	7.01
17.15- 17.35	176	388	1.87	4.12
16.95- 17.15	115	212	1.22	2.25
16.75- 16.95	42	97	0.45	1.03
16.55- 16.75	33	55	0.35	0.58
16.35- 16.55	18	22	0.19	0.23
16.15- 16.35	2	4	0.02	0.04
15.95- 16.15	2	2	0.02	0.02

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.74	MEAN VALUE	7.38
0.01	SE(MEAN)	0.00
0.75	SD DEVIATION	0.30
0.01	SE(SD DEV)	0.00

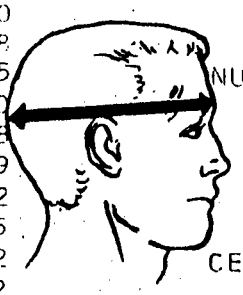
****

SYMMETRY---VETA I = -0.21
KURTOSIS---VETA II = 2.94
COEF. OF VARIATION = 4.02

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
20.39	99TH	8.03
20.19	98TH	7.95
20.07	97TH	7.90
19.91	95TH	7.84
19.68	90TH	7.75
19.52	85TH	7.68
19.39	80TH	7.63
19.27	75TH	7.59
19.17	70TH	7.55
19.07	65TH	7.51
18.98	60TH	7.47
18.88	55TH	7.43
18.78	50TH	7.40
18.69	45TH	7.36
18.59	40TH	7.32
18.48	35TH	7.28
18.37	30TH	7.23
18.24	25TH	7.18
18.10	20TH	7.13
17.93	15TH	7.06
17.73	10TH	6.98
17.42	5TH	6.86
17.24	3RD	6.79
17.11	2RD	6.74
16.93	1ST	6.66

TOTAL SERIES

VARIABLE 50

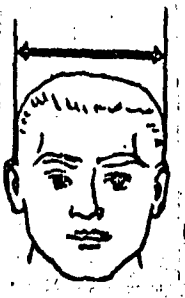
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD BREADTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
17.25-	17.35	4	9414	0.04	100.00
17.15-	17.25	6	9410	0.06	99.96
17.05-	17.15	1	9404	0.01	99.89
16.95-	17.05	10	9403	0.11	99.88
16.85-	16.95	8	9393	0.08	99.78
16.75-	16.85	6	9385	0.06	99.69
16.65-	16.75	12	9379	0.13	99.63
16.55-	16.65	19	9367	0.20	99.50
16.45-	16.55	44	9348	0.47	99.30
16.35-	16.45	40	9304	0.42	98.83
16.25-	16.35	58	9264	0.62	98.41
16.15-	16.25	118	9206	1.25	97.79
16.05-	16.15	93	9088	0.99	96.54
15.95-	16.05	196	8995	2.08	95.55
15.85-	15.95	117	8799	1.24	93.47
15.75-	15.85	237	8682	2.52	92.22
15.65-	15.75	262	8445	2.78	89.71
15.55-	15.65	282	8183	3.00	86.92
15.45-	15.55	406	7901	4.31	83.93
15.35-	15.45	291	7495	3.09	79.62
15.25-	15.35	393	7204	4.17	76.52
15.15-	15.25	429	6811	4.56	72.35
15.05-	15.15	392	6382	4.16	67.79
14.95-	15.05	664	5990	7.05	63.63
14.85-	14.95	386	5326	4.10	56.58
14.75-	14.85	588	4940	6.25	52.48
14.65-	14.75	519	4352	5.51	46.23
14.55-	14.65	595	3833	6.32	40.72
14.45-	14.55	605	3238	6.43	34.40
14.35-	14.45	454	2633	4.82	27.97
14.25-	14.35	449	2179	4.77	23.15
14.15-	14.25	401	1730	4.26	18.38
14.05-	14.15	329	1329	3.49	14.12
13.95-	14.05	352	1000	3.74	10.62
13.85-	13.95	123	648	1.31	6.88
13.75-	13.85	179	525	1.90	5.58
13.65-	13.75	112	346	1.19	3.68
13.55-	13.65	100	234	1.06	2.49
13.45-	13.55	51	134	0.54	1.42
13.35-	13.45	26	83	0.28	0.88
13.25-	13.35	14	57	0.15	0.61
13.15-	13.25	20	43	0.21	0.46
13.05-	13.15	6	23	0.06	0.24
12.95-	13.05	7	17	0.07	0.18
12.85-	12.95	3	10	0.03	0.11
12.75-	12.85	2	7	0.02	0.07
12.65-	12.75	2	5	0.02	0.05
12.55-	12.65	2	3	0.02	0.03
12.45-	12.55	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
14.86	MEAN VALUE	5.85
0.01	SE(MEAN)	0.00
0.67	SD DEVIATION	0.26
0.00	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.25
KURTOSIS---VETA II = 2.92
COEF. OF VARIATION = 4.52

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

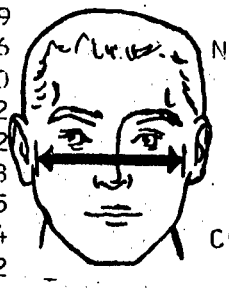
CENTIMETERS		INCHES
16.47	99TH	6.48
16.30	98TH	6.42
16.19	97TH	6.37
16.03	95TH	6.31
15.76	90TH	6.21
15.58	85TH	6.13
15.43	80TH	6.08
15.31	75TH	6.03
15.20	70TH	5.98
15.10	65TH	5.94
15.00	60TH	5.91
14.91	55TH	5.87
14.82	50TH	5.84
14.74	45TH	5.80
14.65	40TH	5.77
14.56	35TH	5.73
14.47	30TH	5.70
14.38	25TH	5.66
14.28	20TH	5.62
14.16	15TH	5.58
14.02	10TH	5.52
13.83	5TH	5.44
13.70	3RD	5.39
13.61	2RD	5.36
13.47	1ST	5.30

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
FACE BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
14.95- 15.15	1	9414	0.01	100.00
14.75- 14.95	0	9413	0.00	99.99
14.55- 14.75	0	9413	0.00	99.99
14.35- 14.55	3	9413	0.03	99.99
14.15- 14.35	5	9410	0.05	99.96
13.95- 14.15	17	9405	0.18	99.90
13.75- 13.95	38	9388	0.40	99.72
13.55- 13.75	70	9350	0.74	99.32
13.35- 13.55	172	9280	1.83	98.58
13.15- 13.35	227	9108	2.41	96.75
12.95- 13.15	463	8881	4.92	94.34
12.75- 12.95	539	8418	5.73	89.42
12.55- 12.75	806	7879	8.56	83.69
12.35- 12.55	1063	7073	11.29	75.13
12.15- 12.35	1138	6010	12.09	63.84
11.95- 12.15	1324	4872	14.06	51.75
11.75- 11.95	908	3548	9.65	37.69
11.55- 11.75	912	2640	9.69	28.04
11.35- 11.55	672	1728	7.14	18.36
11.15- 11.35	452	1056	4.80	11.22
10.95- 11.15	379	604	4.03	6.42
10.75- 10.95	109	225	1.16	2.39
10.55- 10.75	62	116	0.66	1.23
10.35- 10.55	38	54	0.40	0.57
10.15- 10.35	14	16	0.15	0.17
9.95- 10.15	2	2	0.02	0.02

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.13	MEAN VALUE	4.78
0.01	SE(MEAN)	0.00
0.64	SD DEVIATION	0.25
0.00	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 2.97
COEF. OF VARIATION = 5.28

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
13.67	99TH	5.38
13.48	98TH	5.31
13.37	97TH	5.26
13.21	95TH	5.20
12.96	90TH	5.10
12.80	85TH	5.04
12.67	80TH	4.99
12.56	75TH	4.95
12.46	70TH	4.91
12.37	65TH	4.87
12.29	60TH	4.84
12.20	55TH	4.80
12.12	50TH	4.77
12.04	45TH	4.74
11.96	40TH	4.71
11.88	35TH	4.68
11.79	30TH	4.64
11.69	25TH	4.60
11.59	20TH	4.56
11.47	15TH	4.52
11.32	10TH	4.46
11.10	5TH	4.37
10.96	3RD	4.31
10.86	2ND	4.27
10.70	1ST	4.21

TOTAL SERIES

VARIABLE 5

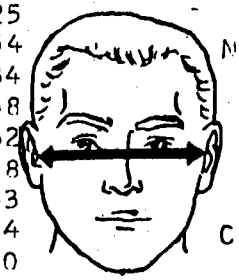
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BITRAGION DIAMETER

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
15.35- 15.45	2	9414	0.02	100.00
15.25- 15.35	2	9412	0.02	99.98
15.15- 15.25	1	9410	0.01	99.96
15.05- 15.15	3	9409	0.03	99.95
14.95- 15.05	7	9406	0.07	99.91
14.85- 14.95	6	9399	0.06	99.84
14.75- 14.85	19	9393	0.20	99.78
14.65- 14.75	22	9374	0.23	99.58
14.55- 14.65	42	9352	0.45	99.34
14.45- 14.55	61	9310	0.65	98.90
14.35- 14.45	67	9249	0.71	98.25
14.25- 14.35	113	9182	1.20	97.54
14.15- 14.25	156	9069	1.66	96.34
14.05- 14.15	194	8913	2.06	94.68
13.95- 14.05	371	8719	3.94	92.62
13.85- 13.95	221	8348	2.35	88.68
13.75- 13.85	413	8127	4.39	86.33
13.65- 13.75	446	7714	4.74	81.94
13.55- 13.65	645	7268	6.85	77.20
13.45- 13.55	668	6623	7.10	70.35
13.35- 13.45	626	5955	6.65	63.26
13.25- 13.35	664	5329	7.05	56.61
13.15- 13.25	703	4665	7.47	49.55
13.05- 13.15	655	3962	6.96	42.09
12.95- 13.05	796	3307	8.46	35.13
12.85- 12.95	407	2511	4.32	26.67
12.75- 12.85	552	2104	5.86	22.35
12.65- 12.75	360	1552	3.82	16.49
12.55- 12.65	365	1192	3.88	12.66
12.45- 12.55	302	827	3.21	8.78
12.35- 12.45	170	525	1.81	5.58
12.25- 12.35	125	355	1.33	3.77
12.15- 12.25	90	230	0.96	2.44
12.05- 12.15	69	140	0.73	1.49
11.95- 12.05	40	71	0.42	0.75
11.85- 11.95	11	31	0.12	0.33
11.75- 11.85	9	20	0.10	0.21
11.65- 11.75	3	11	0.03	0.12
11.55- 11.65	6	8	0.06	0.08
11.45- 11.55	2	2	0.02	0.02

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
13.27	MEAN VALUE	5.22
0.01	SE(MEAN)	0.00
0.54	SD DEVIATION	0.21
0.00	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.14
KURTOSIS---VETA II = 3.01
COEF. OF VARIATION = 4.03

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
14.57	99TH	5.74
14.41	98TH	5.67
14.31	97TH	5.63
14.17	95TH	5.58
13.97	90TH	5.50
13.83	85TH	5.44
13.72	80TH	5.40
13.63	75TH	5.36
13.54	70TH	5.33
13.47	65TH	5.30
13.40	60TH	5.27
13.33	55TH	5.25
13.26	50TH	5.22
13.19	45TH	5.19
13.12	40TH	5.17
13.05	35TH	5.14
12.98	30TH	5.11
12.90	25TH	5.08
12.81	20TH	5.05
12.71	15TH	5.01
12.59	10TH	4.96
12.41	5TH	4.88
12.29	3RD	4.84
12.21	2RD	4.81
12.08	1ST	4.76

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FACE LENGTH (MENTON-NASAL ROUT DEPRESSION)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
14.55- 14.65	1	9414	0.01	100.00
14.45- 14.55	0	9413	0.00	99.99
14.35- 14.45	6	9413	0.06	99.99
14.25- 14.35	1	9407	0.01	99.93
14.15- 14.25	2	9406	0.02	99.91
14.05- 14.15	6	9404	0.06	99.89
13.95- 14.05	7	9398	0.07	99.83
13.85- 13.95	16	9391	0.17	99.76
13.75- 13.85	18	9375	0.19	99.59
13.65- 13.75	29	9357	0.31	99.39
13.55- 13.65	28	9328	0.30	99.09
13.45- 13.55	63	9300	0.67	98.79
13.35- 13.45	59	9237	0.63	98.12
13.25- 13.35	89	9178	0.95	97.49
13.15- 13.25	141	9089	1.50	96.55
13.05- 13.15	142	8948	1.51	95.05
12.95- 13.05	277	8806	2.94	93.54
12.85- 12.95	311	8529	3.30	90.60
12.75- 12.85	306	8218	3.25	87.30
12.65- 12.75	458	7912	4.87	84.05
12.55- 12.65	358	7454	3.80	79.18
12.45- 12.55	661	7096	7.02	75.38
12.35- 12.45	466	6435	4.95	68.36
12.25- 12.35	533	5969	5.66	63.41
12.15- 12.25	615	5436	6.53	57.74
12.05- 12.15	505	4821	5.36	51.21
11.95- 12.05	851	4316	9.04	45.85
11.85- 11.95	568	3465	6.03	36.81
11.75- 11.85	440	2897	4.67	30.77
11.65- 11.75	491	2457	5.22	26.10
11.55- 11.65	365	1966	3.88	20.88
11.45- 11.55	417	1601	4.43	17.01
11.35- 11.45	244	1184	2.59	12.58
11.25- 11.35	241	940	2.56	9.99
11.15- 11.25	221	699	2.35	7.43
11.05- 11.15	135	478	1.43	5.08
10.95- 11.05	148	343	1.57	3.64
10.85- 10.95	55	195	0.58	2.07
10.75- 10.85	41	140	0.44	1.49
10.65- 10.75	31	99	0.33	1.05
10.55- 10.65	21	68	0.22	0.72
10.45- 10.55	28	47	0.30	0.50
10.35- 10.45	8	19	0.06	0.20
10.25- 10.35	4	11	0.04	0.12
10.15- 10.25	4	7	0.04	0.07
10.05- 10.15	0	3	0.00	0.03
9.95- 10.05	3	3	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.14	MEAN VALUE	4.78
0.01	SE(MEAN)	0.00
0.61	SD DEVIATION	0.24
0.00	SE(SD DEV)	0.00

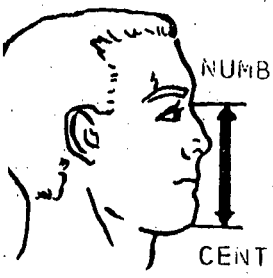
****

SYMMETRY---VETA I = 0.07
KURTOSIS---VETA II = 3.06
COEF. OF VARIATION = 5.05

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

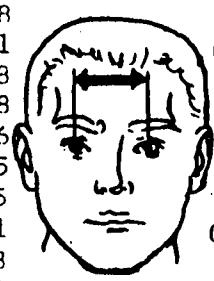
CENTIMETERS		INCHES
13.61	99TH	5.36
13.43	98TH	5.29
13.31	97TH	5.24
13.16	95TH	5.18
12.93	90TH	5.09
12.77	85TH	5.03
12.65	80TH	4.98
12.55	75TH	4.94
12.46	70TH	4.90
12.37	65TH	4.87
12.29	60TH	4.84
12.22	55TH	4.81
12.14	50TH	4.78
12.06	45TH	4.75
11.98	40TH	4.72
11.90	35TH	4.69
11.82	30TH	4.65
11.73	25TH	4.62
11.63	20TH	4.58
11.51	15TH	4.53
11.36	10TH	4.47
11.15	5TH	4.39
11.01	3RD	4.33
10.91	2RD	4.29
10.75	1ST	4.23

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR INTERPUPILLARY DISTANCE

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
7.45-	7.55	1	9414	0.01	100.00
7.35-	7.45	1	9413	0.01	99.99
7.25-	7.35	0	9412	0.00	99.98
7.15-	7.25	6	9412	0.06	99.98
7.05-	7.15	13	9406	0.14	99.91
6.95-	7.05	56	9393	0.59	99.78
6.85-	6.95	59	9337	0.63	99.18
6.75-	6.85	113	9278	1.20	98.56
6.65-	6.75	170	9165	1.81	97.35
6.55-	6.65	286	8995	3.04	95.55
6.45-	6.55	690	8709	7.33	92.51
6.35-	6.45	506	8019	5.37	85.18
6.25-	6.35	843	7513	8.95	79.81
6.15-	6.25	1069	6670	11.36	70.85
6.05-	6.15	972	5601	10.33	59.50
5.95-	6.05	1815	4629	19.28	49.17
5.85-	5.95	732	2814	7.78	29.89
5.75-	5.85	776	2082	8.24	22.12
5.65-	5.75	517	1306	5.49	13.87
5.55-	5.65	346	789	3.68	8.38
5.45-	5.55	319	443	3.39	4.71
5.35-	5.45	46	124	0.49	1.32
5.25-	5.35	36	78	0.38	0.83
5.15-	5.25	28	42	0.30	0.45
5.05-	5.15	9	14	0.10	0.15
4.95-	5.05	5	5	0.05	0.05

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
6.09	MEAN VALUE	2.40
0.00	SE(MEAN)	0.00
0.32	SD DEVIATION	0.13
0.00	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.18
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 5.30

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
6.92	99TH	2.72
6.80	98TH	2.68
6.73	97TH	2.65
6.64	95TH	2.61
6.51	90TH	2.56
6.42	85TH	2.53
6.35	80TH	2.50
6.30	75TH	2.48
6.25	70TH	2.46
6.20	65TH	2.44
6.16	60TH	2.43
6.12	55TH	2.41
6.08	50TH	2.39
6.04	45TH	2.38
6.00	40TH	2.36
5.96	35TH	2.35
5.92	30TH	2.33
5.87	25TH	2.31
5.82	20TH	2.29
5.76	15TH	2.27
5.69	10TH	2.24
5.58	5TH	2.20
5.51	3RD	2.17
5.46	2ND	2.15
5.38	1ST	2.12

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

FOOT LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
31.95- 32.25	1	9414	0.01	100.00
31.65- 31.95	0	9413	0.00	99.99
31.35- 31.65	0	9413	0.00	99.99
31.05- 31.35	0	9413	0.00	99.99
30.75- 31.05	2	9413	0.02	99.99
30.45- 30.75	1	9411	0.01	99.97
30.15- 30.45	0	9410	0.00	99.96
29.85- 30.15	6	9410	0.06	99.96
29.55- 29.85	4	9404	0.04	99.89
29.25- 29.55	37	9400	0.39	99.85
28.95- 29.25	78	9363	0.83	99.46
28.65- 28.95	6	9285	0.06	98.63
28.35- 28.65	160	9279	1.70	98.57
28.05- 28.35	23	9119	0.24	96.87
27.75- 28.05	304	9096	3.23	96.62
27.45- 27.75	674	8792	7.16	93.39
27.15- 27.45	81	8118	0.86	86.23
26.85- 27.15	995	8037	10.57	85.37
26.55- 26.85	81	7042	0.86	74.80
26.25- 26.55	1376	6961	14.62	73.94
25.95- 26.25	1539	5585	16.35	59.33
25.65- 25.95	60	4046	0.64	42.98
25.35- 25.65	1439	3986	15.29	42.34
25.05- 25.35	106	2547	1.13	27.06
24.75- 25.05	1000	2441	10.62	25.93
24.45- 24.75	736	1441	7.82	15.31
24.15- 24.45	38	705	0.40	7.49
23.85- 24.15	396	667	4.21	7.09
23.55- 23.85	11	271	0.12	2.88
23.25- 23.55	174	260	1.85	2.76
22.95- 23.25	62	86	0.66	0.91
22.65- 22.95	0	24	0.00	0.25
22.35- 22.65	20	24	0.21	0.25
22.05- 22.35	1	4	0.01	0.04
21.75- 22.05	2	3	0.02	0.03
21.45- 21.75	1	1	0.01	0.01

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
25.98	MEAN VALUE	10.23
0.01	SE(MEAN)	0.00
1.20	SD DEVIATION	0.47
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.14
COEF. OF VARIATION = 4.63

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
29.06	99TH	11.44
28.60	98TH	11.26
28.33	97TH	11.15
27.99	95TH	11.02
27.51	90TH	10.83
27.20	85TH	10.71
26.97	80TH	10.62
26.77	75TH	10.54
26.59	70TH	10.47
26.43	65TH	10.41
26.28	60TH	10.35
26.13	55TH	10.29
25.98	50TH	10.23
25.83	45TH	10.17
25.68	40TH	10.11
25.53	35TH	10.05
25.36	30TH	9.98
25.18	25TH	9.91
24.98	20TH	9.83
24.74	15TH	9.74
24.44	10TH	9.62
24.01	5TH	9.45
23.74	3RD	9.34
23.54	2ND	9.27
23.26	1ST	9.16

TOTAL SERIES

VARIABLE c2

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

INSTEP LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
22.75- 23.25	1	6080	0.02	100.00
22.25- 22.75	0	6079	0.00	99.98
21.75- 22.25	1	6079	0.02	99.98
21.25- 21.75	1	6078	0.02	99.97
20.75- 21.25	25	6077	0.41	99.95
20.25- 20.75	11	6052	0.18	99.54
19.75- 20.25	119	6041	1.96	99.36
19.25- 19.75	125	5922	2.06	97.40
18.75- 19.25	615	5797	10.12	95.35
18.25- 18.75	388	5182	6.38	85.23
17.75- 18.25	1339	4794	22.02	78.85
17.25- 17.75	579	3455	9.52	56.83
16.75- 17.25	1426	2876	23.45	47.30
16.25- 16.75	491	1450	8.08	23.85
15.75- 16.25	649	959	10.67	15.77
15.25- 15.75	170	310	2.80	5.10
14.75- 15.25	110	140	1.81	2.30
14.25- 14.75	13	30	0.21	0.49
13.75- 14.25	12	17	0.20	0.28
13.25- 13.75	1	5	0.02	0.08
12.75- 13.25	3	4	0.05	0.07
12.25- 12.75	0	1	0.00	0.02
11.75- 12.25	0	1	0.00	0.02
11.25- 11.75	1	1	0.02	0.02



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
17.46	MEAN VALUE	6.87
0.01	SE(MEAN)	0.01
1.14	SD DEVIATION	0.45
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 3.24
COEF. OF VARIATION = 6.52

****

NUMBER OF SUBJECTS = 6080.

****

THE PERCENTILES

CENTIMETERS		INCHES
20.17	99TH	7.94
19.85	98TH	7.81
19.64	97TH	7.73
19.37	95TH	7.62
18.93	90TH	7.45
18.64	85TH	7.34
18.41	80TH	7.25
18.22	75TH	7.17
18.04	70TH	7.10
17.88	65TH	7.04
17.73	60TH	6.98
17.58	55TH	6.92
17.44	50TH	6.87
17.30	45TH	6.81
17.15	40TH	6.75
17.01	35TH	6.70
16.85	30TH	6.63
16.69	25TH	6.57
16.50	20TH	6.50
16.29	15TH	6.41
16.02	10TH	6.31
15.63	5TH	6.15
15.38	3RD	6.05
15.19	2ND	5.98
14.90	1ST	5.86

TH CENTIMETERS

TAL SERIES

VARIABLE 63

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOOT BREADTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
12.45-	12.55	15	9414	0.16	100.00
12.35-	12.45	0	9399	0.00	99.84
12.25-	12.35	1	9399	0.01	99.84
12.15-	12.25	0	9398	0.00	99.83
12.05-	12.15	0	9398	0.00	99.83
11.95-	12.05	115	9398	1.22	99.83
11.85-	11.95	0	9283	0.00	98.61
11.75-	11.85	1	9283	0.01	98.61
11.65-	11.75	4	9282	0.04	98.60
11.55-	11.65	0	9278	0.00	98.56
11.45-	11.55	480	9278	5.10	98.56
11.35-	11.45	2	8798	0.02	93.46
11.25-	11.35	6	8796	0.06	93.44
11.15-	11.25	4	8790	0.04	93.37
11.05-	11.15	4	8786	0.04	93.33
10.95-	11.05	1546	8782	16.42	93.29
10.85-	10.95	3	7236	0.03	76.86
10.75-	10.85	3	7233	0.03	76.83
10.65-	10.75	20	7230	0.21	76.80
10.55-	10.65	9	7210	0.10	76.59
10.45-	10.55	2697	7201	28.65	76.49
10.35-	10.45	6	4504	0.06	47.84
10.25-	10.35	9	4498	0.10	47.78
10.15-	10.25	16	4489	0.17	47.68
10.05-	10.15	14	4473	0.15	47.51
9.95-	10.05	2680	4459	28.47	47.37
9.85-	9.95	0	1779	0.00	18.90
9.75-	9.85	0	1779	0.00	18.90
9.65-	9.75	12	1779	0.13	18.90
9.55-	9.65	5	1767	0.05	18.77
9.45-	9.55	1315	1762	13.97	18.72
9.35-	9.45	1	447	0.01	4.75
9.25-	9.35	2	446	0.02	4.74
9.15-	9.25	4	444	0.04	4.72
9.05-	9.15	0	440	0.00	4.67
8.95-	9.05	381	440	4.05	4.67
8.85-	8.95	0	59	0.00	0.63
8.75-	8.85	0	59	0.00	0.63
8.65-	8.75	0	59	0.00	0.63
8.55-	8.65	0	59	0.00	0.63
8.45-	8.55	52	59	0.55	0.63
8.35-	8.45	0	7	0.00	0.07
8.25-	8.35	0	7	0.00	0.07
8.15-	8.25	0	7	0.00	0.07
8.05-	8.15	0	7	0.00	0.07
7.95-	8.05	7	7	0.07	0.07

*IN CENTIMETERS



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
10.30	MEAN VALUE	4.05
0.01	SE(MEAN)	0.00
0.65	SD DEVIATION	0.25
0.00	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.07
KURTOSIS---VETA II = 3.11
COEF. OF VARIATION = 6.28

****

NUMBER OF SUBJECTS = 9414.

****

THE PERCENTILES

CENTIMETERS		INCHES
11.92	99TH	4.69
11.68	98TH	4.60
11.53	97TH	4.54
11.35	95TH	4.47
11.10	90TH	4.37
10.94	85TH	4.31
10.81	80TH	4.26
10.71	75TH	4.22
10.62	70TH	4.18
10.53	65TH	4.15
10.45	60TH	4.12
10.37	55TH	4.08
10.30	50TH	4.05
10.22	45TH	4.02
10.14	40TH	3.99
10.06	35TH	3.96
9.98	30TH	3.93
9.88	25TH	3.89
9.78	20TH	3.85
9.66	15TH	3.80
9.51	10TH	3.74
9.28	5TH	3.66
9.14	3RD	3.60
9.05	2RD	3.56
8.90	1ST	3.50

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEEL BREADTH

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
8.45-	8.55	1	9413	0.01	100.00
8.35-	8.45	1	9412	0.01	99.99
8.25-	8.35	0	9411	0.00	99.98
8.15-	8.25	2	9411	0.02	99.98
8.05-	8.15	11	9409	0.12	99.96
7.95-	8.05	50	9398	0.53	99.84
7.85-	7.95	3	9348	0.03	99.31
7.75-	7.85	9	9345	0.10	99.28
7.65-	7.75	45	9336	0.48	99.18
7.55-	7.65	72	9291	0.76	98.70
7.45-	7.55	159	9219	1.69	97.94
7.35-	7.45	227	9060	2.41	96.25
7.25-	7.35	163	8833	1.73	93.84
7.15-	7.25	489	8670	5.19	92.11
7.05-	7.15	558	8181	5.93	86.91
6.95-	7.05	2372	7623	25.20	80.98
6.85-	6.95	69	5251	0.73	55.78
6.75-	6.85	835	5182	8.87	55.05
6.65-	6.75	666	4347	7.08	46.18
6.55-	6.65	1299	3681	13.80	39.11
6.45-	6.55	849	2382	9.02	25.31
6.35-	6.45	544	1533	5.78	16.29
6.25-	6.35	223	989	2.37	10.51
6.15-	6.25	341	766	3.62	8.14
6.05-	6.15	177	425	1.88	4.52
5.95-	6.05	229	248	2.43	2.63
5.85-	5.95	0	19	0.00	0.20
5.75-	5.85	5	19	0.05	0.20
5.65-	5.75	8	14	0.08	0.15
5.55-	5.65	2	6	0.02	0.06
5.45-	5.55	4	4	0.04	0.04



*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
6.79	MEAN VALUE	2.67
0.00	SE(MEAN)	0.00
0.37	SD DEVIATION	0.15
0.00	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.35
COEF. OF VARIATION = 5.42

****

NUMBER OF SUBJECTS = 9413.

****

THE PERCENTILES

CENTIMETERS		INCHES
7.72	99TH	3.04
7.56	98TH	2.98
7.48	97TH	2.94
7.37	95TH	2.90
7.24	90TH	2.85
7.15	85TH	2.82
7.09	80TH	2.79
7.03	75TH	2.77
6.98	70TH	2.75
6.93	65TH	2.73
6.89	60TH	2.71
6.85	55TH	2.70
6.80	50TH	2.68
6.76	45TH	2.66
6.71	40TH	2.64
6.66	35TH	2.62
6.60	30TH	2.60
6.55	25TH	2.58
6.48	20TH	2.55
6.40	15TH	2.52
6.30	10TH	2.48
6.17	5TH	2.43
6.09	3RD	2.40
6.04	2RD	2.38
5.97	1ST	2.35

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BALL-OF-FOOT CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
30.75- 31.05	4	9413	0.04	100.00
30.45- 30.75	0	9409	0.00	99.96
30.15- 30.45	0	9409	0.00	99.96
29.85- 30.15	16	9409	0.17	99.96
29.55- 29.85	0	9393	0.00	99.79
29.25- 29.55	5	9393	0.05	99.79
28.95- 29.25	124	9388	1.32	99.73
28.65- 28.95	1	9264	0.01	98.42
28.35- 28.65	32	9263	0.34	98.41
28.05- 28.35	23	9231	0.24	98.07
27.75- 28.05	582	9208	6.18	97.82
27.45- 27.75	84	8626	0.89	91.64
27.15- 27.45	63	8542	0.67	90.75
26.85- 27.15	1536	8479	16.32	90.08
26.55- 26.85	24	6943	0.25	73.76
26.25- 26.55	222	6919	2.36	73.50
25.95- 26.25	2542	6697	27.01	71.15
25.65- 25.95	27	4155	0.29	44.14
25.35- 25.65	220	4128	2.34	43.85
25.05- 25.35	141	3908	1.50	41.52
24.75- 25.05	2243	3767	23.83	40.02
24.45- 24.75	104	1524	1.10	16.19
24.15- 24.45	107	1420	1.14	15.09
23.85- 24.15	960	1313	10.20	13.95
23.55- 23.85	8	353	0.08	3.75
23.25- 23.55	54	345	0.57	3.67
22.95- 23.25	241	291	2.56	3.09
22.65- 22.95	2	50	0.02	0.53
22.35- 22.65	7	48	0.07	0.51
22.05- 22.35	6	41	0.06	0.44
21.75- 22.05	32	35	0.34	0.37
21.45- 21.75	0	3	0.00	0.03
21.15- 21.45	0	3	0.00	0.03
20.85- 21.15	3	3	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
25.77	MEAN VALUE	10.15
0.01	SE(MEAN)	0.01
1.29	SD DEVIATION	0.51
0.01	SE(SD DEV)	0.00

****

SYMMETRY---VETA I = 0.09
KURTOSIS---VETA II = 3.10
COEF. OF VARIATION = 5.01

****



NUMBER OF SUBJECTS = 9413.

****

THE PERCENTILES

CENTIMETERS		INCHES
28.94	99TH	11.39
28.42	98TH	11.19
28.14	97TH	11.08
27.79	95TH	10.94
27.32	90TH	10.76
27.03	85TH	10.64
26.81	80TH	10.55
26.61	75TH	10.48
26.43	70TH	10.41
26.27	65TH	10.34
26.11	60TH	10.28
25.95	55TH	10.22
25.79	50TH	10.15
25.63	45TH	10.09
25.46	40TH	10.03
25.29	35TH	9.96
25.10	30TH	9.88
24.89	25TH	9.80
24.66	20TH	9.71
24.39	15TH	9.60
24.06	10TH	9.47
23.60	5TH	9.29
23.34	3RD	9.19
23.19	2RD	9.13
23.01	1ST	9.06

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEEL-ANKLE DIAGONAL

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
39.45- 39.75	1	9413	0.01	99.99
39.15- 39.45	0	9412	0.00	99.98
38.85- 39.15	4	9412	0.04	99.98
38.55- 38.85	0	9408	0.00	99.94
38.25- 38.55	3	9408	0.03	99.94
37.95- 38.25	32	9405	0.33	99.90
37.65- 37.95	2	9373	0.02	99.35
37.35- 37.65	12	9351	0.13	99.33
37.05- 37.35	9	9339	0.10	99.20
36.75- 37.05	212	9330	2.25	99.11
36.45- 36.75	26	9118	0.28	96.86
36.15- 36.45	24	9092	0.25	96.58
35.85- 36.15	631	9068	6.70	96.32
35.55- 35.85	10	8437	0.11	89.62
35.25- 35.55	96	8427	1.02	89.52
34.95- 35.25	1537	8331	16.33	88.50
34.65- 34.95	8	6794	0.08	72.17
34.35- 34.65	127	6786	1.35	72.08
34.05- 34.35	121	6659	1.29	70.74
33.75- 34.05	2250	6538	23.90	69.45
33.45- 33.75	74	4288	0.79	45.55
33.15- 33.45	209	4214	2.22	44.76
32.85- 33.15	2169	4005	23.04	42.54
32.55- 32.85	13	1836	0.14	19.50
32.25- 32.55	103	1823	1.09	19.36
31.95- 32.25	1163	1720	12.35	18.27
31.65- 31.95	4	557	0.04	5.92
31.35- 31.65	34	553	0.36	5.87
31.05- 31.35	48	519	0.51	5.51
30.75- 31.05	345	471	3.66	5.00
30.45- 30.75	8	126	0.08	1.34
30.15- 30.45	8	118	0.08	1.25
29.85- 30.15	92	110	0.98	1.17
29.55- 29.85	0	18	0.00	0.19
29.25- 29.55	1	18	0.01	0.19
28.95- 29.25	16	17	0.17	0.18
28.65- 28.95	0	1	0.00	0.01
28.35- 28.65	0	1	0.00	0.01
28.05- 28.35	0	1	0.00	0.01
27.75- 28.05	0	1	0.00	0.01
27.45- 27.75	0	1	0.00	0.01
27.15- 27.45	0	1	0.00	0.01
26.85- 27.15	0	1	0.00	0.01
26.55- 26.85	0	1	0.00	0.01
26.25- 26.55	0	1	0.00	0.01
25.95- 26.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.73	MEAN VALUE	13.28
0.02	SE(MEAN)	0.01
1.47	SD DEVIATION	0.58
0.01	SE(SD DEV)	0.00

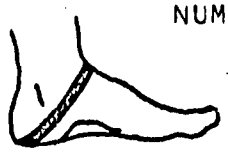
****

SYMMETRY---VETA I = 0.09
KURTOSIS---VETA II = 3.23
COEF. OF VARIATION = 4.35

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
37.12	99TH	14.61
36.84	98TH	14.50
36.62	97TH	14.42
36.28	95TH	14.28
35.70	90TH	14.06
35.30	85TH	13.90
34.98	80TH	13.77
34.70	75TH	13.66
34.46	70TH	13.57
34.24	65TH	13.48
34.04	60TH	13.40
33.85	55TH	13.33
33.67	50TH	13.25
33.49	45TH	13.18
33.31	40TH	13.11
33.13	35TH	13.04
32.94	30TH	12.97
32.75	25TH	12.89
32.53	20TH	12.81
32.27	15TH	12.70
31.94	10TH	12.57
31.40	5TH	12.36
30.99	3RD	12.20
30.66	2RD	12.07
30.05	1ST	11.83

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....

INSTEP CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*		F	CUMF	FPCT	CUMPCT
33.75-	34.05	2	9392	0.02	99.77
33.45-	33.75	1	9390	0.01	99.75
33.15-	33.45	1	9389	0.01	99.73
32.85-	33.15	7	9388	0.07	99.72
32.55-	32.85	0	9381	0.00	99.65
32.25-	32.55	2	9381	0.02	99.65
31.95-	32.25	47	9379	0.50	99.63
31.65-	31.95	0	9332	0.00	99.13
31.35-	31.65	2	9332	0.02	99.13
31.05-	31.35	2	9330	0.02	99.11
30.75-	31.05	104	9328	1.10	99.09
30.45-	30.75	0	9224	0.00	97.98
30.15-	30.45	4	9224	0.04	97.98
29.85-	30.15	327	9220	3.47	97.94
29.55-	29.85	14	8893	0.15	94.47
29.25-	29.55	47	8879	0.50	94.32
28.95-	29.25	818	8832	8.69	93.82
28.65-	28.95	19	8014	0.20	85.13
28.35-	28.65	89	7995	0.95	84.93
28.05-	28.35	64	7906	0.68	83.98
27.75-	28.05	1564	7842	16.61	83.30
27.45-	27.75	144	6278	1.53	66.69
27.15-	27.45	131	6134	1.39	65.16
26.85-	27.15	2081	6003	22.11	63.77
26.55-	26.85	34	3922	0.36	41.66
26.25-	26.55	189	3888	2.01	41.30
25.95-	26.25	1988	3699	21.12	39.29
25.65-	25.95	18	1711	0.19	18.18
25.35-	25.65	165	1693	1.75	17.98
25.05-	25.35	101	1528	1.07	16.23
24.75-	25.05	985	1427	10.46	15.16
24.45-	24.75	37	442	0.39	4.70
24.15-	24.45	27	405	0.29	4.30
23.85-	24.15	312	378	3.31	4.02
23.55-	23.85	2	66	0.02	0.70
23.25-	23.55	9	64	0.10	0.68
22.95-	23.25	49	55	0.52	0.58
22.65-	22.95	1	6	0.01	0.06
22.35-	22.65	1	5	0.01	0.05
22.05-	22.35	1	4	0.01	0.04
21.75-	22.05	3	3	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
26.95	MEAN VALUE	10.61
0.02	SE(MEAN)	0.01
1.56	SD DEVIATION	0.62
0.01	SE(SD DEV)	0.00

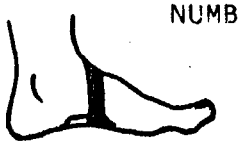
****

SYMMETRY---VETA I = 0.48
KURTOSIS---VETA II = 3.00
COEF. OF VARIATION = 5.80

****

NUMBER OF SUBJECTS = 9414.

****



THE PERCENTILES

CENTIMETERS		INCHES
31.14	99TH	12.26
30.57	98TH	12.03
30.22	97TH	11.90
29.75	95TH	11.71
29.06	90TH	11.44
28.61	85TH	11.27
28.27	80TH	11.13
27.98	75TH	11.01
27.72	70TH	10.91
27.49	65TH	10.82
27.28	60TH	10.74
27.07	55TH	10.66
26.87	50TH	10.58
26.68	45TH	10.50
26.48	40TH	10.43
26.28	35TH	10.35
26.08	30TH	10.27
25.86	25TH	10.18
25.62	20TH	10.09
25.35	15TH	9.98
25.02	10TH	9.85
24.55	5TH	9.67
24.27	3RD	9.55
24.06	2RD	9.47
23.75	1ST	9.35

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

. . . . .

AGE

The 'Total Series' for this variable is missing, see the other services (i.e., the Army, Air Force, and Navy).

PART III

Extreme Value Statistics

PART III

TABLE OF CONTENTS

Variable	Page
WEARS EYE GLASSES	III-1
NORMAL VISION	III-1
COLOR PERCEPTION	III-1
HANDEDNESS	III-1
WEIGHT	III-1
RELATIVE TOE LENGT	III-1
STATURE	III-1
CERVICAL HEIGHT	III-1
SHOULDER HEIGHT	III-2
WAIST HEIGHT	III-2
CROTCH HEIGHT	III-2
KNEE HEIGHT	III-2
CALF HEIGHT	III-2
FUNCTIONAL REACH	III-2
COAT LENGTH	III-2
HIP BREADTH	III-2
CHEST BREADTH	III-3
CHEST DEPTH	III-3
HAND LENGTH	III-3
PALM LENGTH	III-3
HAND BREADTH	III-3
ARM REACH UP	III-3
SITTING HEIGHT	III-3
EYE HEIGHT SIT	III-3
MIDSHOULDER HT/SIT	III-4
SHOULDER HT/SIT	III-4
KNEE HEIGHT/SIT	III-4
POPLITEAL HEIGHT	III-4
ARM REACH FORWARD	III-4
SHOULDER-ELBOW LTH	III-4
FOREARM-HAND LTH	III-4
SHOULDER BREADTH	III-4
ELBOW-ELBOW BRDTH	III-5
AGE AT ENLISTMENT	III-5
HIP BREADTH/SIT	III-5
BUTTOCK-KNEE LTH	III-5
BUTTOCK-POP LTH	III-5
BACK-WAIST LENGTH	III-5
SHOULDER LENGTH	III-5
INTERSCYE BREADTH	III-5
INTERSCYE MAXIMUM	III-6
SLEEVE INSEAM	III-6
SLEEVE LENGTH	III-6
HEAD CIRC	III-6

TABLE OF CONTENTS
(Continued)

Variable	Page
NECK CIRC	III-6
SHOULDER CIRC	III-6
CHEST CIRC	III-6
WAIST CIRC	III-6
HIP CIRC	III-7
VERTICAL TRUNK CIR	III-7
ARMSCYE CIRC	III-7
UPPER ARM CIRC	III-7
BICEPS CIRC	III-7
FOREARM CIRC	III-7
WRIST CIRC	III-7
HAND CIRC	III-7
CROTCH-THIGH CIRC	III-8
LOWER THIGH CIRC	III-8
CALF CIRC	III-8
ANKLE CIRC	III-8
HEAD HEIGHT	III-8
HEAD LENGTH	III-8
HEAD BREADTH	III-8
FACE BREADTH	III-8
BITRAGION DIAMETER	III-9
FACE LENGTH	III-9
INTERPUPILLARY DIS	III-9
FOOT LENGTH	III-9
INSTEP LENGTH	III-9
FOOT BREADTH	III-9
HEEL BREADTH	III-9
BALL OF FOOT CIRC	III-9
HEEL-ANKLE DIAG	III-10
INSTEP CIRC	III-10
AGE	III-10
N OLDER BROTHERS	III-10
N YOUNGER BROTHERS	III-10
N OLDER SISTERS	III-10
N YOUNGER SISTERS	III-10
N WIVES PRESENT	III-10
N WIVES DIVORCED	III-11
PLACE OF BIRTH	III-11
RESIDENCE ENT MIL	III-11
ETHNIC DERIVATION	III-11
1ST LANGUAGE	III-11
2ND LANGUAGE	III-11
3RD LANGUAGE	III-11
MAKTAB	III-11

TABLE OF CONTENTS

(Continued)

Variable	Page
ELEMENTARY SCHOOL	III-12
HIGH SCHOOL	III-12
COLLEGE	III-12
BEYOND HIGH SCHOOL	III-12
OCCUPATION	III-12
SERVICE	III-12
LENGTH OF SERVICE	III-12
RANK	III-12
MILITARY DUTY	III-13

STATISTICS FOR VARIABLES 1 THROUGH 8

	1 WEARS EYE GLASSES		2 NORMAL VISION		3 COLOR PERCEPTION		4 HANDEDNESS		5 WEIGHT		6 RELATIVE TOE LENGTH		7 STATURE		8 CERVICAL HEIGHT	
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	1.0	32	1.0	1	1.0	1	1.0	1	40.0	7820	1.0	1	1470.0	5696	1240.0	7709
2RD SMALLEST	1.0	31	1.0	2	1.0	2	1.0	2	40.0	6361	1.0	3	1477.0	3727	1240.0	851
3RD SMALLEST	1.0	29	1.0	3	1.0	3	1.0	3	41.0	9253	1.0	4	1478.0	5902	1250.0	7247
4TH SMALLEST	1.0	24	1.0	4	1.0	4	1.0	5	41.0	5165	1.0	6	1480.0	7793	1253.0	2230
5TH SMALLEST	1.0	23	1.0	5	1.0	5	1.0	6	42.0	607	1.0	7	1480.0	7247	1256.0	7793
6TH SMALLEST	1.0	22	1.0	6	1.0	6	1.0	7	43.0	8542	1.0	8	1490.0	8375	1257.0	5902
7TH SMALLEST	1.0	21	1.0	7	1.0	7	1.0	8	43.0	7850	1.0	9	1490.0	6316	1260.0	8131
8TH SMALLEST	1.0	8	1.0	8	1.0	8	1.0	9	43.0	7825	1.0	12	1492.0	851	1264.0	8375
9TH SMALLEST	1.0	12	1.0	9	1.0	9	1.0	10	43.0	6049	1.0	16	1495.0	7709	1264.0	5696
XTH SMALLEST	1.0	14	1.0	10	1.0	10	1.0	11	43.0	2921	1.0	18	1500.0	2198	1265.0	6538
******																
XTH LARGEST	2.0	9	2.0	32	2.0	20	3.0	92	95.0	5293	3.0	10	1850.0	5206	1597.0	6141
9TH LARGEST	2.0	10	2.0	35	2.0	27	3.0	103	95.0	6320	3.0	13	1853.0	125	1600.0	111
8TH LARGEST	2.0	11	2.0	37	2.0	43	3.0	111	96.0	3020	3.0	14	1853.0	2553	1607.0	2553
7TH LARGEST	2.0	13	2.0	41	2.0	78	3.0	126	96.0	4883	3.0	17	1856.0	6479	1607.0	5206
6TH LARGEST	2.0	15	2.0	44	2.0	106	3.0	188	96.0	7281	3.0	22	1858.0	5192	1615.0	5192
5TH LARGEST	2.0	16	2.0	52	2.0	119	3.0	190	96.0	9284	3.0	23	1860.0	651	1615.0	6661
4TH LARGEST	2.0	17	2.0	58	2.0	128	3.0	293	97.0	4700	3.0	24	1874.0	6661	1630.0	651
3RD LARGEST	2.0	18	2.0	59	2.0	146	3.0	433	100.0	5138	3.0	25	1890.0	3033	1630.0	3033
2RD LARGEST	2.0	19	2.0	67	2.0	159	3.0	510	100.0	6640	3.0	27	1895.0	8857	1633.0	8857
1ST LARGEST	2.0	20	2.0	69	2.0	206	3.0	663	113.0	4769	3.0	33	1926.0	7024	1654.0	7024
THE MEAN VALUE	2.00		1.00		1.00		1.00		61.69		1.50		1668.50		1424.19	
STD. DEVIATION	0.16		0.17		0.08		0.23		7.72		0.73		57.67		54.90	
COFF/VARIATION	7.77		17.45		8.41		22.95		12.51		48.80		3.46		3.85	
BETA ONE	-6.12		5.37		11.72		6.65		0.86		1.12		0.10		0.13	
BETA TWO	38.42		29.82		138.47		49.89		4.68		2.76		3.06		3.06	
(N-20)-AVG EST	2.00		1.00		1.00		1.00		61.62		1.50		1668.50		1424.12	
(N-20)-S.D.EST	0.15		0.17		0.08		0.22		7.68		0.74		57.63		54.87	
PCT DIFF/MEANS	0.		0.		0.		0.		-1.		0.		0.		-0.	
PCT DIF/ST DVS	-1.		-1.		-7.		-3.		-0.		1.		-0.		-0.	
SIZE OF SAMPLE	9413		9410		9411		9407		9414		9404		9414		9414	

STATISTICS FOR VARIABLES 9 THROUGH 16

	9 SHOULDER HEIGHT		10 WAIST HEIGHT		11 CROTCH HEIGHT		12 KNEE HEIGHT		13 CALF HEIGHT		14 FUNCTIONAL REACH		15 COAT LENGTH		16 HIP BREADTH	
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	1180.0	7709	836.0	851	590.0	6538	420.0	851	250.0	841	620.0	8556	569.0	5861	263.0	7820
2RD SMALLEST	1185.0	6316	845.0	6538	615.0	6247	421.0	5407	260.0	4651	620.0	3979	576.0	2482	266.0	2212
3RD SMALLEST	1195.0	851	855.0	8510	617.0	6316	421.0	4751	262.0	4586	623.0	4077	578.0	4466	267.0	5681
4TH SMALLEST	1200.0	8131	855.0	7709	620.0	5676	422.0	8683	263.0	4718	624.0	4692	580.0	2472	270.0	9212
5TH SMALLEST	1200.0	3592	855.0	6316	627.0	9076	422.0	5100	267.0	4711	625.0	6341	585.0	5043	270.0	6233
6TH SMALLEST	1204.0	8338	862.0	8375	630.0	7037	422.0	2382	271.0	4751	633.0	5015	588.0	845	270.0	999
7TH SMALLEST	1205.0	7793	868.0	4651	630.0	1806	425.0	5231	272.0	8641	633.0	2844	589.0	3	272.0	7352
8TH SMALLEST	1205.0	7247	870.0	8488	635.0	7793	425.0	1745	273.0	4990	634.0	6045	590.0	4711	274.0	7057
9TH SMALLEST	1205.0	6538	870.0	4466	635.0	5671	427.0	7793	274.0	759	635.0	5186	590.0	2499	275.0	7709
XTH SMAL EST	1205.0	5902	873.0	4875	635.0	3894	430.0	4875	275.0	4835	635.0	358	590.0	2230	275.0	6926
******																
XTH LARGEST	1545.0	6921	1150.0	2109	895.0	7195	580.0	2261	417.0	2	898.0	6163	785.0	7659	374.0	4404
9TH LARGEST	1546.0	2553	1156.0	111	895.0	8659	580.0	3041	418.0	8500	909.0	20	785.0	7859	374.0	5176
8TH LARGEST	1549.0	651	1160.0	1040	900.0	2273	580.0	4408	420.0	3055	910.0	9329	786.0	8301	375.0	3603
7TH LARGEST	1549.0	5206	1160.0	2622	900.0	2784	580.0	5444	421.0	6007	914.0	2161	790.0	8325	375.0	7281
6TH LARGEST	1555.0	2520	1160.0	5192	904.0	651	580.0	5579	425.0	2863	925.0	10	790.0	8530	377.0	6517
5TH LARGEST	1560.0	6479	1160.0	7024	904.0	3836	581.0	9036	425.0	5813	927.0	5527	792.0	5138	378.0	5662
4TH LARGEST	1562.0	6661	1163.0	2989	910.0	2989	583.0	411	425.0	5994	930.0	6856	792.0	8532	380.0	8786
3RD LARGEST	1585.0	8857	1165.0	651	917.0	263	584.0	9022	425.0	8786	932.0	1824	798.0	426	381.0	6483
2RD LARGEST	1589.0	5192	1198.0	8857	920.0	2261	585.0	5527	425.0	9022	934.0	3836	802.0	7024	390.0	5138
1ST LARGEST	1594.0	7024			944.0	8857	596.0	8857	425.0	9036	936.0	111	807.0	9156	420.0	4769
THE MEAN VALUE	1367.25				767.62		500.19		340.50		767.94		685.94		321.69	
STD. DEVIATION	54.02				42.17		24.07		21.92		41.40		31.68		15.59	
COEF/VARIATION	3.95				5.49		4.81		6.44		5.39		4.62		4.85	
BETA ONE	0.13				0.05		0.11		0.10		0.15		0.04		0.20	
BETA TWO	3.05				3.03		2.99		3.17		3.09		3.04		3.28	
(N-20)-AVG EST	1367.25		1001.44		767.62		500.19		340.44		767.94		685.94		321.62	
(N-20)-S.D.EST	53.97		44.26		42.13		24.07		21.87		41.31		31.67		15.54	
PCT DIFF/MEANS	0.				0.		0.		-0.		0.		0.		-0.	
PCT DIF/ST DVS	-0.				-0.		-0.		-0.		-0.		-0.		-0.	
SIZE OF SAMPLE	9414		9414		9414		9414		9414		9414		9414		9414	

STATISTICS FOR VARIABLES 17 THROUGH 24

	17 CHEST BREADTH		18 CHEST DEPTH		19 HAND LENGTH		20 PALM LENGTH		21 HAND BREADTH		22 ARM REACH UP		23 SITTING HEIGHT		24 EYE HEIGHT S	
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	223.0	8457	165.0	852	155.0	7430	84.0	4466	69.0	7053	1176.0	999	749.0	3727	631.0	3727
2RD SMALLEST	227.0	7746	168.0	2924	157.0	7709	85.0	7355	71.0	7381	1190.0	5902	765.0	999	635.0	5902
3RD SMALLEST	235.0	8184	170.0	1041	157.0	4466	85.0	988	72.0	7355	1195.0	9016	766.0	7247	655.0	3181
4TH SMALLEST	236.0	2206	171.0	7230	158.0	6230	87.0	5742	73.0	7230	1200.0	6304	770.0	845	656.0	999
5TH SMALLEST	238.0	2344	173.0	2211	159.0	851	87.0	4465	73.0	4937	1202.0	3345	772.0	7709	657.0	9015
6TH SMALLEST	239.0	8338	175.0	5020	160.0	9166	88.0	7600	74.0	7775	1205.0	2846	775.0	5967	660.0	3076
7TH SMALLEST	240.0	4361	175.0	787	160.0	6599	88.0	4931	74.0	7472	1206.0	851	777.0	5681	662.0	3457
8TH SMALLEST	240.0	2070	176.0	6437	160.0	5742	88.0	990	74.0	7013	1207.0	2033	779.0	7057	665.0	4711
9TH SMALLEST	240.0	2057	177.0	8567	161.0	7600	88.0	190	74.0	1131	1208.0	7709	780.0	5851	665.0	3409
XTH SMALLEST	241.0	4898	179.0	162	162.0	4931	89.0	2533	74.0	222	1208.0	4875	783.0	3621	666.0	3192
******																
XTH LARGEST	371.0	8874	288.0	4744	215.0	3759	122.0	2979	100.0	3033	1515.0	651	979.0	6141	868.0	9147
9TH LARGEST	372.0	1385	288.0	4958	216.0	2540	122.0	3121	100.0	3312	1517.0	7543	981.0	403	870.0	6141
8TH LARGEST	372.0	2862	290.0	6216	216.0	3306	122.0	3706	101.0	2862	1520.0	1464	985.0	4785	871.0	7024
7TH LARGEST	373.0	1413	291.0	3033	216.0	4153	123.0	3961	101.0	5200	1523.0	7562	988.0	9147	872.0	4785
6TH LARGEST	380.0	9040	292.0	4883	217.0	989	123.0	4407	101.0	9284	1525.0	8857	989.0	502	875.0	4999
5TH LARGEST	383.0	5293	293.0	9040	217.0	1601	123.0	4801	102.0	1826	1526.0	8786	990.0	7024	877.0	6661
4TH LARGEST	385.0	2622	295.0	2838	217.0	8857	123.0	7024	102.0	7543	1529.0	7024	993.0	9259	878.0	284
3RD LARGEST	385.0	4083	305.0	4769	221.0	2161	124.0	8136	103.0	589	1537.0	6479	997.0	9290	879.0	7328
2RD LARGEST	397.0	4769	310.0	5293	221.0	2869	125.0	4593	103.0	4246	1538.0	6661	1000.0	6661	880.0	9259
1ST LARGEST	398.0	9094	311.0	2622	223.0	3544	126.0	2161	109.0	3836	1556.0	254	1003.0	284	881.0	9290
THE MEAN VALUE	293.69		221.25		186.75		104.56		87.31		1360.19		878.75		767.12	
STD. DEVIATION	17.76		15.52		8.60		5.24		4.18		49.35		32.64		32.52	
COFF/VARIATION	6.05		7.02		4.61		5.01		4.78		3.63		3.71		4.24	
BETA ONE	0.48		0.57		0.13		0.14		0.05		0.06		0.04		0.01	
BETA TWO	4.16		4.12		3.06		3.19		3.07		3.05		2.98		2.96	
(N-20)-AVG EST	293.69		221.19		186.75		104.56		87.31		1360.19		878.69		767.12	
(N-20)-S.D.EST	17.63		15.42		8.59		5.23		4.17		49.33		32.62		32.49	
PCT DIFF/MEANS	0.		-0.		0.		0.		0.		0.		-0.		0.	
PCT DIF/ST DVS	-1.		-1.		-0.		-0.		-0.		-0.		-0.		-0.	
SIZE OF SAMPLE	9414		9414		9414		9414		9414		9414		9414		9414	

STATISTICS FOR VARIABLES 25 THROUGH 32

	25 MIDSHOULDER HT/SIT		26 SHOULDER HT/ SIT		27 KNEE HEIGHT/ SIT		28 POPLITEAL HE IGHT		29 ARM REACH FO RWARD		30 SHOULDER-ELB OW LTH		31 FOREARM-HAND LTH		32 SHOULDER BRE ADTH	
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	494.0	3727	465.0	999	443.0	7709	330.0	6230	710.0	7875	295.0	6247	390.0	6183	339.0	6233
2RD SMALLEST	499.0	999	466.0	3727	443.0	5548	335.0	2382	721.0	373	295.0	860	392.0	651	340.0	2070
3RD SMALLEST	508.0	7709	482.0	6152	444.0	5696	339.0	8683	722.0	825	300.0	6137	394.0	6137	341.0	1090
4TH SMALLEST	516.0	7247	482.0	5681	445.0	9016	339.0	4742	725.0	7800	301.0	986	395.0	9016	345.0	1836
5TH SMALLEST	517.0	6152	487.0	8043	445.0	3133	341.0	1330	726.0	171	303.0	3773	399.0	7521	350.0	6361
6TH SMALLEST	518.0	8043	488.0	7709	446.0	7793	342.0	3061	728.0	3971	303.0	2093	399.0	4425	354.0	6209
7TH SMALLEST	521.0	5681	490.0	8523	446.0	4213	344.0	7709	730.0	9016	303.0	851	401.0	4931	354.0	1615
8TH SMALLEST	521.0	2326	491.0	7866	448.0	1745	344.0	1745	733.0	938	304.0	6599	403.0	5015	354.0	837
9TH SMALLEST	523.0	8523	491.0	7096	448.0	3	345.0	7256	734.0	674	304.0	5546	403.0	4443	355.0	2146
XTH SMALLEST	524.0	3478	491.0	5689	449.0	1755	345.0	5696	734.0	73	305.0	4443	403.0	1998	355.0	237
******																
XTH LARGEST	692.0	6894	670.0	2553	589.0	2261	465.0	3836	960.0	1687	407.0	2835	524.0	4404	514.0	8602
9TH LARGEST	694.0	5058	670.0	3426	591.0	2109	466.0	1553	960.0	1697	408.0	6661	524.0	6921	515.0	2862
8TH LARGEST	694.0	6856	670.0	5058	592.0	111	466.0	2520	960.0	1891	408.0	7024	526.0	4153	515.0	4521
7TH LARGEST	695.0	403	670.0	6141	593.0	2954	467.0	9022	960.0	1923	409.0	3564	527.0	6052	515.0	6320
6TH LARGEST	696.0	7543	670.0	6856	594.0	1842	468.0	2109	960.0	2014	410.0	426	527.0	6661	520.0	2954
5TH LARGEST	697.0	502	671.0	9259	595.0	4408	471.0	2261	960.0	2311	410.0	651	529.0	3306	530.0	5159
4TH LARGEST	702.0	5192	675.0	2161	596.0	651	472.0	5361	965.0	2592	412.0	4856	530.0	8857	533.0	5293
3RD LARGEST	702.0	6141	677.0	502	598.0	3836	473.0	7024	965.0	4162	413.0	7195	533.0	651	535.0	8874
2RD LARGEST	703.0	9259	684.0	4999	602.0	8857	475.0	5579	970.0	651	415.0	5138	533.0	7024	543.0	4083
1ST LARGEST	710.0	4999	690.0	5192	608.0	7024	482.0	651	975.0	1842	417.0	8857	540.0	8827	543.0	4769
THE MEAN VALUE	607.62		580.37		515.25		401.62		847.75		355.31		460.50		424.31	
STD. DEVIATION	27.23		28.52		22.30		18.00		35.96		16.15		19.57		23.48	
COFF/VARIATION	4.48		4.91		4.33		4.48		4.24		4.54		4.25		5.53	
BETA ONE	0.04		0.07		0.10		0.14		0.06		0.06		0.09		0.47	
BETA TWO	3.00		2.99		3.12		3.32		3.09		3.10		3.08		3.80	
(N-20)-AVG EST	607.62		580.37		515.25		401.62		847.75		355.31		460.50		424.31	
(N-20)-S.D.EST	27.21		28.50		22.28		17.95		35.96		16.13		19.56		23.38	
PCT DIFF/MEANS	0.		0.		0.		0.		0.		0.		0.		0.	
PCT DIF/ST DVS	-0.		-0.		-0.		-0.		-0.		-0.		-0.		-0.	
SIZE OF SAMPLE	9414		9414		9414		9414		9412		9413		9413		9413	

STATISTICS FOR VARIABLES 33 THROUGH 40

	33 ELBOW-ELBOW BRDTH		34 AGE AT ENLISTMENT		35 HIP BREADTH/SIT		36 BUTTOCK-KNEE LTH		37 BUTTOCK-POP LTH		38 BACK-WAIST LENGTH		39 SHOULDER LEN GTH		40 INTERSCYE BREADTH	
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	298.0	5896			271.0	3727	470.0	6692	375.0	6692	350.0	2221	115.0	4833	280.0	7455
2RD SMALLEST	304.0	6036	11.9	2775	272.0	7820	475.0	7820	380.0	6538	352.0	1626	116.0	5499	289.0	1348
3RD SMALLEST	305.0	2070	12.6	8626	274.0	5932	477.0	6538	380.0	363	354.0	2219	120.0	3914	300.0	7131
4TH SMALLEST	308.0	8044	12.7	4697	274.0	4595	480.0	9016	383.0	3730	360.0	1651	125.0	3831	300.0	6492
5TH SMALLEST	310.0	5621	13.0	1120	275.0	7057	480.0	7793	384.0	8375	362.0	69	125.0	2066	300.0	5937
6TH SMALLEST	312.0	7046	13.2	7153	275.0	6926	485.0	8375	385.0	8832	364.0	2213	130.0	3733	300.0	5794
7TH SMALLEST	312.0	980	13.4	4047	276.0	596	485.0	6304	385.0	2230	365.0	872	130.0	3699	300.0	5416
8TH SMALLEST	313.0	5873	13.5	2780	280.0	7823	485.0	363	385.0	342	367.0	1655	130.0	2202	300.0	2070
9TH SMALLEST	313.0	2182	13.7	2967	280.0	607	488.0	2032	386.0	851	368.0	2207	130.0	2070	300.0	56
XTH SMALLEST	314.0	7408	14.0	7219	282.0	7793	488.0	851	388.0	5671	369.0	190	130.0	1950	300.0	24
******																
XTH LARGEST	579.0	4802	34.9	405	401.0	2664	634.0	3798	520.0	4408	560.0	2645	195.0	5775	493.0	7543
9TH LARGEST	580.0	4521	34.9	423	402.0	6709	634.0	5138	520.0	5369	563.0	5590	195.0	8789	495.0	1242
8TH LARGEST	580.0	5070	35.8	3953	403.0	2622	635.0	5369	521.0	2531	565.0	2531	195.0	8827	495.0	4571
7TH LARGEST	580.0	5162	36.2	453	403.0	6517	636.0	2531	522.0	33	568.0	2553	195.0	8834	498.0	2586
6TH LARGEST	580.0	8874	36.9	2829	403.0	6640	636.0	5527	522.0	469	569.0	3033	195.0	8835	500.0	2244
5TH LARGEST	584.0	4883	37.0	2874	406.0	7281	638.0	8857	523.0	9066	570.0	2551	195.0	8849	500.0	4162
4TH LARGEST	589.0	5213	41.0	2838	407.0	5293	645.0	2622	525.0	799	570.0	4639	195.0	8874	500.0	5138
3RD LARGEST	590.0	8602	43.0	2833	408.0	5138	647.0	411	525.0	5176	570.0	5052	195.0	8977	500.0	7361
2RD LARGEST	594.0	2862	43.8	862	415.0	3020	650.0	5176	530.0	7024	570.0	7415	195.0	9094	515.0	8874
1ST LARGEST	622.0	5293	44.8	1037	424.0	4769	655.0	7024	532.0	411	590.0	5463	197.0	4684	525.0	8670
THE MEAN VALUE	419.44		20.44		331.19		555.81		453.44		470.87		157.44		392.12	
STD. DEVIATION	35.12				18.36		23.57		21.37		27.24		10.19		30.29	
COFF/VARIATION	8.37				5.54		4.24		4.71		5.79		6.47		7.72	
BETA ONE	0.80				0.46		0.12		0.07		-0.11		0.41		0.05	
BETA TWO	4.59				3.54		3.05		3.04		3.46		3.29		3.20	
(N-20)-AVG EST	419.37		20.44		331.12		555.81		453.44		470.87		157.44		392.12	
(N-20)-S.D.EST	34.90		2.09		18.32		23.55		21.36		27.13		10.18		30.26	
PCT DIFF/MEANS	-0.		0.		-0.		0.		0.		0.		0.		0.	
PCT DIF/ST DVS	-1.		-9.		-0.		-0.		-0.		-0.		-0.		-0.	
SIZE OF SAMPLE	9411		9414		9412		9413		9413		9414		9414		9414	

STATISTICS FOR VARIABLES 41 THROUGH 48

	41 INTERSCYE MAXIMUM		42 SLEEVE INSEAM		43 SLEEVE LENGTH		44 HEAD CIRC		45 NECK CIRC		46 SHOULDER CIRC		47 CHEST CIRC		48 WAIST CIRC	
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	382.0	1574	373.0	6877	689.0	190	500.0	5696	300.0	8518	890.0	6361	730.0	7913	590.0	4815
2RD SMALLEST	384.0	6473	383.0	4425	700.0	6485	500.0	4491	300.0	607	910.0	7913	745.0	7825	600.0	5327
3RD SMALLEST	385.0	6304	385.0	3122	700.0	2494	505.0	8330	300.0	237	910.0	7825	745.0	7795	600.0	1836
4IH SMALLEST	385.0	212	386.0	1640	700.0	1745	505.0	7246	310.0	6299	915.0	6049	750.0	1041	610.0	3207
5TH SMALLEST	387.0	3478	389.0	6241	700.0	1622	505.0	5673	310.0	6265	915.0	607	755.0	6361	610.0	2960
6TH SMALLEST	388.0	7760	389.0	2202	700.0	1007	505.0	4036	310.0	2907	915.0	237	755.0	2087	610.0	808
7TH SMALLEST	389.0	4699	390.0	4651	700.0	878	505.0	3371	310.0	2087	920.0	7795	755.0	2057	615.0	7850
8IH SMALLEST	390.0	6901	390.0	3905	701.0	2230	505.0	2925	310.0	1608	925.0	8567	755.0	225	615.0	1041
9TH SMALLEST	390.0	3758	390.0	2221	705.0	6223	505.0	2093	310.0	816	925.0	1836	757.0	223	620.0	3971
XTH SMALLEST	390.0	237	390.0	1745	705.0	872	505.0	318	310.0	580	930.0	6265	758.0	2344	620.0	2921
******																
XIH LARGEST	700.0	4835	544.0	6290	937.0	1177	605.0	4700	440.0	2569	1365.0	6320	1140.0	5159	1070.0	6320
9TH LARGEST	700.0	4884	545.0	9116	937.0	1464	605.0	4818	440.0	2622	1375.0	9040	1140.0	6640	1075.0	3010
8TH LARGEST	700.0	5000	549.0	426	940.0	2954	605.0	4967	440.0	4769	1380.0	6640	1143.0	3033	1075.0	8918
7TH LARGEST	700.0	5047	550.0	667	947.0	4404	605.0	5399	440.0	5000	1390.0	2622	1145.0	6320	1080.0	5000
6TH LARGEST	700.0	5058	551.0	1318	950.0	3306	610.0	83	445.0	4083	1395.0	5159	1145.0	9094	1080.0	6444
5TH LARGEST	700.0	5138	552.0	1999	955.0	989	610.0	1385	445.0	5293	1405.0	5293	1160.0	6216	1085.0	7281
4TH LARGEST	713.0	2622	553.0	262	959.0	426	610.0	5431	445.0	6390	1410.0	4083	1165.0	9040	1085.0	9284
3RD LARGEST	730.0	4083	553.0	5572	960.0	3836	615.0	4884	445.0	6710	1410.0	6216	1210.0	2622	1090.0	6104
2RD LARGEST	730.0	5293	578.0	651	971.0	20	615.0	5000	445.0	8874	1430.0	9094	1210.0	5293	1095.0	9040
1ST LARGEST	732.0	4769	584.0	6661	988.0	651	615.0	9329	450.0	2407	1470.0	4769	1245.0	4769	1135.0	4769
THE MEAN VALUE	559.75		466.62		821.50		552.94		363.44		1089.31		903.69		775.31	
STD. DEVIATION	41.85		23.04		35.04		15.58		18.60		63.06		54.57		67.11	
COFF/VARIATION	7.48		4.94		4.26		2.82		5.12		5.79		6.04		8.66	
BETA ONE	-0.28		0.02		0.02		0.08		0.46		0.84		0.72		0.88	
BETA TWO	4.05		3.30		3.20		3.04		3.60		4.62		4.47		4.57	
(N-20)-AVG EST	559.75		466.62		821.50		552.94		363.44		1089.12		903.56		775.19	
(N-20)-S.D.EST	41.66		22.96		34.94		15.57		18.54		62.68		54.25		66.88	
PCT DIFF/MEANS	0.		0.		0.		0.		0.		-0.		-0.		-0.	
PCT DIF/ST DVS	-0.		-0.		-0.		-0.		-0.		-1.		-1.		-0.	
SIZE OF SAMPLE	9414		9414		9414		9414		9414		9414		9414		9414	

STATISTICS FOR VARIABLES 49 THROUGH 56

	49 HIP CIRC		50 VERTICAL TRU NK CIR		51 ARMSCYE CIRC		52 UPPER ARM CI RC		53 BICEPS CIRC		54 FOREARM CIRC		55 WRIST CIRC		56 HAND CIRC	
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	760.0	7820	1300.0	4252	300.0	1700	182.0	237	207.0	237	195.0	6819	135.0	7443	170.0	4937
2RD SMALLEST	765.0	6361	1310.0	3750	301.0	1814	190.0	5165	210.0	6819	200.0	7352	135.0	7308	172.0	2924
3RD SMALLEST	780.0	9253	1315.0	4188	305.0	7381	200.0	7382	210.0	5165	200.0	1474	135.0	946	173.0	7352
4TH SMALLEST	780.0	7236	1320.0	5902	310.0	7879	200.0	7236	214.0	1836	203.0	7443	136.0	7292	173.0	5165
5TH SMALLEST	780.0	4833	1320.0	3410	310.0	2238	200.0	6819	215.0	887	205.0	7382	140.0	922	174.0	839
6TH SMALLEST	780.0	2960	1325.0	3956	314.0	2256	200.0	5712	220.0	5712	205.0	2294	140.0	893	176.0	576
7TH SMALLEST	780.0	2921	1325.0	3744	315.0	1491	200.0	2337	220.0	2344	205.0	1379	140.0	587	180.0	2096
8TH SMALLEST	790.0	6062	1325.0	3459	318.0	1881	200.0	2326	220.0	2326	205.0	803	140.0	841	180.0	1836
9TH SMALLEST	790.0	5712	1325.0	2096	320.0	5843	200.0	2087	220.0	2087	208.0	237	140.0	839	180.0	1347
XTH SMALLEST	790.0	1376	1330.0	8007	320.0	2138	200.0	1836	220.0	1376	210.0	2087	140.0	804	180.0	1078
******																
XTH LARGEST	1120.0	4303	1840.0	4802	554.0	3020	350.0	6434	390.0	5000	330.0	5073	200.0	2862	245.0	3390
9TH LARGEST	1125.0	6320	1840.0	4835	555.0	4083	355.0	6451	390.0	6659	335.0	4883	200.0	3020	245.0	6006
8TH LARGEST	1125.0	9284	1845.0	2868	560.0	1158	355.0	6678	390.0	8786	335.0	5030	200.0	4802	245.0	7132
7TH LARGEST	1130.0	3020	1845.0	3020	560.0	2664	360.0	4083	390.0	8911	335.0	6530	200.0	4883	245.0	8397
6TH LARGEST	1130.0	5138	1845.0	4965	560.0	4697	360.0	4769	390.0	8918	340.0	4769	200.0	5878	250.0	4083
5TH LARGEST	1130.0	6216	1850.0	760	560.0	4835	360.0	4920	395.0	5002	340.0	4964	200.0	6444	250.0	4246
4TH LARGEST	1130.0	6623	1870.0	5293	565.0	3029	360.0	8901	395.0	6640	340.0	6640	200.0	6533	250.0	5430
3RD LARGEST	1140.0	5000	1875.0	6661	570.0	4958	365.0	6659	400.0	6216	340.0	6685	200.0	7132	250.0	7723
2RD LARGEST	1140.0	5293	1930.0	2622	580.0	5070	375.0	6640	406.0	9094	340.0	8901	200.0	8363	250.0	9284
1ST LARGEST	1245.0	4769	1950.0	4769	590.0	4769	385.0	9094	410.0	4769	340.0	9094	205.0	6659	260.0	3836
THE MEAN VALUE	916.25		1548.00		415.50		260.62		286.44		265.06		166.69		211.31	
STD. DEVIATION	47.92		74.28		33.84		23.03		25.12		18.96		9.26		10.63	
COFF/VARIATION	5.23		4.80		8.15		8.84		8.77		7.15		5.55		5.03	
BETA ONE	0.54		0.37		0.68		0.68		0.65		0.20		0.15		0.02	
BETA TWO	4.02		3.62		4.12		4.00		3.98		3.26		3.14		3.20	
(N-20)-AVG EST	916.19		1547.94		415.44		260.56		286.44		265.06		166.69		211.31	
(N-20)-S.D.EST	47.68		74.00		33.70		22.95		25.04		18.92		9.25		10.61	
PCT DIFF/MEANS	-0.		-0.		-0.		-0.		0.		0.		0.		0.	
PCT DIF/ST DVS	-1.		-0.		-0.		-0.		-0.		-0.		-0.		-0.	
SIZE OF SAMPLE	9414		9414		9414		9414		9414		9414		9414		9414	

STATISTICS FOR VARIABLES 57 THROUGH 64

	57 CROTCH-THIGH CIRC		58 LOWER THIGH CIRC		59 CALF CIRC		60 ANKLE CIRC		61 HEAD HEIGHT		62 HEAD LENGTH		63 HEAD BREADTH		64 FOREHEAD BREADTH	
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	380.0	5165	265.0	5165	260.0	999	175.0	8586	99.0	9403	160.0	6476	125.0	1239	100.0	6632
2RD SMALLEST	390.0	9253	280.0	8586	265.0	7236	175.0	2300	99.0	13	161.0	3371	126.0	8999	101.0	770
3RD SMALLEST	400.0	7917	280.0	7446	270.0	7812	175.0	946	100.0	9404	162.0	1834	126.0	7568	102.0	5996
4TH SMALLEST	400.0	6361	280.0	7442	270.0	5437	175.0	841	100.0	2833	163.0	8467	127.0	9153	102.0	596
5TH SMALLEST	400.0	5712	280.0	7366	270.0	1973	178.0	5165	100.0	2464	164.0	8564	127.0	7913	102.0	779
6TH SMALLEST	400.0	1381	280.0	7236	270.0	946	178.0	3727	101.0	9388	164.0	6877	128.0	7361	102.0	753
7TH SMALLEST	400.0	725	285.0	1623	271.0	6314	178.0	2960	101.0	984	164.0	6870	128.0	5180	102.0	691
8TH SMALLEST	400.0	21	290.0	9253	273.0	7439	180.0	2859	102.0	7679	164.0	5015	129.0	4907	102.0	221
9TH SMALLEST	401.0	1551	290.0	2924	275.0	5165	180.0	2196	102.0	6225	164.0	3953	129.0	3431	103.0	791
XTH SMALLEST	403.0	4053	295.0	7833	275.0	2087	180.0	2176	102.0	1475	165.0	6784	129.0	1855	103.0	772
******																
XTH LARGEST	680.0	6104	470.0	4769	424.0	5176	258.0	4884	149.0	5177	209.0	8604	172.0	764	141.0	5186
9TH LARGEST	682.0	6181	470.0	6181	425.0	5000	260.0	119	149.0	5355	210.0	199	172.0	3392	142.0	5399
8TH LARGEST	685.0	6640	470.0	6659	426.0	3020	260.0	3047	150.0	7202	210.0	1376	172.0	4848	142.0	9284
7TH LARGEST	690.0	2968	470.0	8787	430.0	4965	260.0	4769	151.0	4818	210.0	5552	172.0	4920	143.0	392
6TH LARGEST	690.0	8602	475.0	2914	431.0	6444	260.0	5293	151.0	5816	210.0	6910	172.0	5000	143.0	2743
5TH LARGEST	700.0	3020	475.0	7281	432.0	8918	260.0	6216	152.0	4709	210.0	7543	172.0	5246	143.0	7144
4TH LARGEST	700.0	5058	475.0	8874	435.0	6216	260.0	6444	152.0	5128	211.0	5322	173.0	284	145.0	93
3RD LARGEST	700.0	6216	480.0	6216	440.0	6700	265.0	419	153.0	4700	212.0	8444	173.0	4903	145.0	8302
2RD LARGEST	700.0	6320	485.0	2244	440.0	7281	265.0	6845	155.0	7024	212.0	8756	173.0	8112	145.0	8311
1ST LARGEST	720.0	4769	492.0	418	445.0	6640	270.0	3122	157.0	9132	214.0	1795	173.0	9127	150.0	2790
THE MEAN VALUE	525.62		367.00		337.69		214.06		127.12		187.37		148.62		121.31	
STD. DEVIATION	41.86		26.34		22.63		11.94		7.63		7.53		6.71		6.40	
COFF/VARIATION	7.96		7.18		6.70		5.58		6.01		4.02		4.52		5.28	
BETA ONE	0.42		0.36		0.42		0.28		-0.20		-0.21		0.25		0.08	
BETA TWO	3.52		3.56		3.49		3.28		3.22		2.94		2.92		2.97	
(N-20)-AVG EST	525.56		366.94		337.69		214.06		127.12		187.37		148.62		121.31	
(N-20)-S.D.EST	41.76		26.25		22.57		11.91		7.63		7.53		6.71		6.40	
PCT DIFF/MEANS	-0.		-0.		0.		0.		0.		0.		0.		0.	
PCT DIF/ST DVS	-0.		-0.		-0.		-0.		-0.		0.		-0.		-0.	
SIZE OF SAMPLE	9413		9414		9414		9414		9414		9414		9414		9414	

STATISTICS FOR VARIABLES 65 THROUGH 72

	65 BITRAGION DIAMETER		66 FACE LENGTH		67 INTERPUPILLARY DIS		68 FOOT LENGTH		69 INSTEP LENGTH		70 FOOT BREADTH		71 HEEL BREADTH		72 BALL OF FOOT CIRC	
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	115.0	7057	100.0	5100	50.0	7868	215.0	2032	95.0	6023	80.0	6344	55.0	9007	210.0	6344
2RD SMALLEST	115.0	5673	100.0	211	50.0	7212	220.0	4566	100.0	5938	80.0	6121	55.0	2960	210.0	6329
3RD SMALLEST	116.0	6094	100.0	151	50.0	7209	220.0	3901	100.0	5936	80.0	2773	55.0	2219	210.0	6281
4TH SMALLEST	116.0	4768	102.0	7381	50.0	5515	222.0	2230	100.0	5930	80.0	2176	55.0	735	220.0	2479
5TH SMALLEST	116.0	3364	102.0	6321	50.0	4331	225.0	3409	100.0	5925	80.0	2033	56.0	8542	220.0	2176
6TH SMALLEST	116.0	2314	102.0	3953	51.0	7790	225.0	2963	100.0	5860	80.0	1556	56.0	843	220.0	2096
7TH SMALLEST	116.0	1668	102.0	1511	51.0	7468	225.0	2675	100.0	5839	80.0	1065	57.0	2963	220.0	2087
8TH SMALLEST	116.0	355	103.0	6276	51.0	5679	225.0	2196	100.0	5823	85.0	978	57.0	2705	220.0	1969
9TH SMALLEST	117.0	1960	103.0	2673	51.0	5092	225.0	1806	100.0	5698	85.0	911	57.0	2479	220.0	1856
XTH SMALLEST	117.0	1600	103.0	2148	51.0	4472	225.0	735	100.0	5621	85.0	905	57.0	1806	220.0	1080
******																
XTH LARGEST	150.0	5122	142.0	2712	71.0	1385	300.0	2460	210.0	284	125.0	5	81.0	593	300.0	3537
9TH LARGEST	150.0	5269	142.0	9327	71.0	2192	300.0	3107	210.0	760	125.0	608	81.0	724	300.0	3545
8TH LARGEST	151.0	2529	143.0	7531	72.0	501	300.0	3765	215.0	9069	125.0	1713	81.0	855	300.0	3564
7TH LARGEST	151.0	4143	144.0	965	72.0	2826	300.0	6661	220.0	7562	125.0	2214	81.0	1218	300.0	3603
6TH LARGEST	151.0	5094	144.0	1317	72.0	3608	300.0	6697	230.0	9164	125.0	2947	81.0	1791	300.0	3630
5TH LARGEST	152.0	4848	144.0	3092	72.0	3759	300.0	6723	260.0	3054	125.0	3263	81.0	2161	300.0	3836
4TH LARGEST	153.0	2971	144.0	3570	72.0	4930	307.0	760	260.0	5766	125.0	3305	82.0	589	310.0	1522
3RD LARGEST	153.0	4920	144.0	8229	72.0	5562	310.0	6845	265.0	3056	125.0	3537	82.0	3312	310.0	3769
2RD LARGEST	154.0	2598	144.0	8236	74.0	9284	310.0	7562	270.0	3040	125.0	3836	84.0	989	310.0	5579
1ST LARGEST	154.0	6709	146.0	3986	75.0	4143	320.0	5579	360.0	4766	125.0	3873	85.0	760	310.0	7302
THE MEAN VALUE	132.75		121.37		60.94		259.87				103.00		67.94		257.69	
STD. DEVIATION	5.35		6.13		3.23		12.02				6.47		3.68		12.91	
COFF/VARIATION	4.03		5.05		5.29		4.63				6.28		5.42		5.01	
BETA ONE	0.14		0.07		0.18		0.11				0.07		0.11		0.09	
BETA TWO	3.00		3.06		3.20		3.14				3.11		3.35		3.10	
(N-20)-AVG EST	132.75		121.37		60.94		259.87				103.00		67.94		257.69	
(N-20)-S.D.EST	5.35		6.13		3.22		12.01				6.47		3.68		12.90	
PCT DIFF/MEANS	0.		0.		0.		0.				0.		0.		0.	
PCT DIF/ST DVS	-0.		-0.		-0.		-0.		-1.		-0.		-0.		-0.	
SIZE OF SAMPLE	9414		9414		9414		9414		9414		9414		9413		9413	

STATISTICS FOR VARIABLES 73 THROUGH 80

	73 HEEL-ANKLE D IAG		74 INSTEP CIRC		75 AGE		76 N OLDER BROTHERS		77 N YOUNGER BR OTHERS		78 N OLDER SISTERS		79 N YOUNGER SISTERS		80 N WIVES PRESENT	
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	262.0	8542	220.0	2096	18.0	9158	0.0	1	0.0	47	0.0	25	0.0	27	0.0	22
2RD SMALLEST	285.0	2960	220.0	2087	18.0	6186	0.0	2	0.0	46	0.0	22	0.0	23	0.0	21
3RD SMALLEST	290.0	4566	220.0	1298	18.0	5998	0.0	3	0.0	41	0.0	1	0.0	21	0.0	2
4TH SMALLEST	290.0	4436	223.0	735	18.0	2386	0.0	4	0.0	34	0.0	4	0.0	1	0.0	5
5TH SMALLEST	290.0	2963	225.0	165	18.0	2382	0.0	6	0.0	21	0.0	11	0.0	5	0.0	8
6TH SMALLEST	290.0	2176	227.0	9	18.0	2380	0.0	9	0.0	7	0.0	12	0.0	7	0.0	9
7TH SMALLEST	290.0	2162	230.0	841	18.0	2174	0.0	10	0.0	12	0.0	15	0.0	10	0.0	12
8TH SMALLEST	290.0	2096	230.0	609	18.0	1145	0.0	13	0.0	13	0.0	17	0.0	11	0.0	13
9TH SMALLEST	290.0	735	230.0	515	18.0	1080	0.0	14	0.0	16	0.0	19	0.0	13	0.0	16
XTH SMALLEST	290.0	515	230.0	499	18.0	191	0.0	17	0.0	17	0.0	20	0.0	14	0.0	17
******																
XTH LARGEST	382.0	2139	330.0	1275	50.0	4692	7.0	86	7.0	1564	7.0	209	7.0	473	2.0	3601
9TH LARGEST	382.0	8786	330.0	1522	50.0	5165	7.0	208	7.0	1780	7.0	698	7.0	1211	2.0	4242
8TH LARGEST	383.0	54	330.0	3366	50.0	5298	7.0	450	8.0	636	7.0	811	7.0	1859	2.0	4632
7TH LARGEST	383.0	2460	330.0	3422	51.0	4835	7.0	1460	8.0	2990	7.0	1240	7.0	2014	2.0	4733
6TH LARGEST	385.0	6845	330.0	3650	52.0	2848	7.0	1562	8.0	5973	7.0	8193	7.0	2222	2.0	4962
5TH LARGEST	390.0	3182	330.0	4142	53.0	5287	7.0	7341	8.0	7725	7.0	8538	8.0	2040	2.0	5317
4TH LARGEST	390.0	3312	334.0	4521	54.0	2829	8.0	836	8.0	8210	8.0	8897	8.0	2418	2.0	6142
3RD LARGEST	390.0	4404	336.0	2460	54.0	2833	8.0	1368	8.0	8382	8.0	9279	9.0	6954	2.0	6509
2RD LARGEST	390.0	5579	340.0	3426	58.0	2874	9.0	7885	11.0	200	9.0	4887	11.0	4975	2.0	6569
1ST LARGEST	395.0	8403	340.0	4404	60.0	2838	10.0	4379	11.0	2992	10.0	4507	13.0	7397	2.0	6647
THE MEAN VALUE	337.31		269.50		23.75		0.94		1.56		0.94		1.31		0.38	
STD. DEVIATION	14.68		15.64		5.71		1.17		1.46		1.14		1.38		0.49	
COFF/VARIATION	4.35		5.80		24.03		124.59		93.75		121.69		105.00		129.58	
BETA ONE	0.09		0.36		2.04		1.58		0.97		1.53		1.14		0.58	
BETA TWO	3.23		3.37		7.09		6.15		3.84		6.08		4.62		1.45	
(N-20)-AVG EST	337.31		269.50		23.69		0.94		1.56		0.94		1.31		0.38	
(N-20)-S.D.EST	14.66		15.61		5.69		1.16		1.46		1.13		1.37		0.49	
PCT DIFF/MEANS	0.		0.		-1.		0.		0.		0.		0.		0.	
PCT DIF/ST DVS	-0.		-0.		-0.		-1.		-0.		-1.		-0.		1.	
SIZE OF SAMPLE	9414		9414		9414		9414		9414		9414		9414		9414	

STATISTICS FOR VARIABLES 81 THROUGH 88

	81		82		83		84		85		86		87		88	
	N WIVES DIVORCED		PLACE OF BIRTH		RESIDENCE EN T MIL		ETHNIC DERIVATION		1ST LANGUAGE		2ND LANGUAGE		3RD LANGUAGE		MAKTAB	
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	0.0	1	1.0	23	1.0	1	1.0	1	1.0	1	0.0	127	0.0	4	0.0	1
2RD SMALLEST	0.0	2	1.0	1	1.0	2	1.0	4	1.0	2	0.0	124	0.0	5	0.0	2
3RD SMALLEST	0.0	3	1.0	2	1.0	3	1.0	5	1.0	3	0.0	122	0.0	7	0.0	3
4TH SMALLEST	0.0	4	1.0	3	1.0	7	1.0	7	1.0	4	0.0	119	0.0	9	0.0	4
5TH SMALLEST	0.0	5	1.0	9	1.0	8	1.0	9	1.0	6	0.0	109	0.0	11	0.0	5
6TH SMALLEST	0.0	6	1.0	11	1.0	9	1.0	12	1.0	7	0.0	100	0.0	12	0.0	6
7TH SMALLEST	0.0	7	1.0	13	1.0	11	1.0	14	1.0	8	0.0	91	0.0	14	0.0	7
8TH SMALLEST	0.0	8	1.0	16	1.0	12	1.0	15	1.0	9	0.0	82	0.0	15	0.0	8
9TH SMALLEST	0.0	9	1.0	19	1.0	13	1.0	16	1.0	10	0.0	81	0.0	16	0.0	9
XTH SMALLEST	0.0	10	1.0	20	1.0	14	1.0	17	1.0	11	0.0	10	0.0	17	0.0	10
******																
XTH LARGEST	2.0	4252	21.0	186	21.0	2721	16.0	13	14.0	5	14.0	643	14.0	64	7.0	834
9TH LARGEST	2.0	4368	21.0	188	21.0	2850	16.0	639	14.0	1184	14.0	646	14.0	66	7.0	921
8TH LARGEST	2.0	5076	21.0	2543	21.0	2941	16.0	843	14.0	1195	14.0	648	14.0	69	7.0	1039
7TH LARGEST	2.0	6391	21.0	2643	21.0	4653	16.0	928	14.0	1216	14.0	649	14.0	497	7.0	1137
6TH LARGEST	2.0	6514	21.0	2721	21.0	4980	16.0	934	14.0	1246	14.0	828	14.0	557	7.0	2867
5TH LARGEST	2.0	6595	21.0	2834	21.0	5089	16.0	1184	14.0	1254	14.0	840	14.0	1254	7.0	3027
4TH LARGEST	3.0	3033	21.0	2850	21.0	5113	16.0	1195	14.0	1255	14.0	842	14.0	1364	7.0	6404
3RD LARGEST	3.0	4994	21.0	2941	21.0	5292	16.0	1216	14.0	1283	14.0	864	14.0	2017	9.0	2794
2RD LARGEST	3.0	6600	21.0	4653	23.0	412	16.0	1254	14.0	1287	14.0	873	14.0	2355	9.0	6637
1ST LARGEST	3.0	7177	23.0	2867	23.0	416			14.0	7881	14.0	881	14.0	2409	9.0	6867
THE MEAN VALUE	0.02		6.69		6.56		2.81		1.94		2.37		0.69		0.09	
STD. DEVIATION	0.15		4.89		4.87		2.97		1.70		3.68		2.43		0.55	
COFF/VARIATION	875.54		73.05		74.26		105.53		87.70		155.10		353.65		600.46	
BETA ONE	10.56		0.81		0.83		1.35		1.70		1.39		3.62		8.11	
BETA TWO	140.34		3.18		3.22		3.51		5.93		3.42		14.76		82.83	
(N-20)-AVG EST	0.01		6.69		6.50		2.81		1.94		2.37		0.69		0.08	
(N-20)-S.D.EST	0.13		4.92		4.90		2.97		1.67		3.71		2.42		0.50	
PCT DIFF/MEANS	-2.		0.		-1.		0.		0.		0.		0.		-1.	
PCT DIF/ST DVS	-15.		1.		1.		0.		-2.		1.		-0.		-9.	
SIZE OF SAMPLE	9414		9407		9401		9383		9407		9414		9414		9414	

STATISTICS FOR VARIABLES 89 THROUGH 96

	89 ELEMENTARY SCHOOL		90 HIGH SCHOOL		91 COLLEGE		92 BEYOND HIGH SCHOOL		93 OCCUPATION		94 SERVICE		95 LENGTH OF SERVICE		96 RANK	
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	0.0	1156	0.0	247	0.0	109	0.0	3	1.0	78	1.0	1	1.0	408	1.0	7196
2RD SMALLEST	0.0	1153	0.0	204	0.0	104	0.0	4	1.0	68	1.0	2	1.0	407	1.0	6371
3RD SMALLEST	0.0	1149	0.0	182	0.0	100	0.0	5	1.0	67	1.0	3	1.0	406	1.0	6370
4TH SMALLEST	0.0	1148	0.0	180	0.0	96	0.0	8	1.0	1	1.0	4	1.0	405	1.0	4635
5TH SMALLEST	0.0	1146	0.0	179	0.0	91	0.0	9	1.0	2	1.0	5	1.0	404	1.0	4692
6TH SMALLEST	0.0	1145	0.0	176	0.0	87	0.0	10	1.0	3	1.0	6	1.0	403	1.0	2955
7TH SMALLEST	0.0	1142	0.0	109	0.0	86	0.0	11	1.0	6	1.0	7	1.0	402	1.0	2952
8TH SMALLEST	0.0	1120	0.0	91	0.0	85	0.0	12	1.0	14	1.0	8	1.0	401	1.0	718
9TH SMALLEST	0.0	1037	0.0	87	0.0	82	0.0	13	1.0	15	1.0	9	1.0	400	2.0	6368
XTH SMALLEST	0.0	87	0.0	82	0.0	81	0.0	14	1.0	20	1.0	10	1.0	399	2.0	2954
******																
XTH LARGEST	10.0	2422	10.0	13	12.0	406	4.0	2350	9.0	176	3.0	2350	348.0	7232	16.0	11
9TH LARGEST	10.0	2602	10.0	124	12.0	415	4.0	2354	9.0	179	3.0	2351	351.0	4692	16.0	12
8TH LARGEST	10.0	2793	10.0	317	12.0	416	4.0	2356	9.0	204	3.0	2352	351.0	4960	16.0	13
7TH LARGEST	11.0	2453	10.0	378	12.0	418	4.0	2361	9.0	396	3.0	2353	360.0	1120	16.0	14
6TH LARGEST	11.0	2980	10.0	959	12.0	422	4.0	8595	9.0	455	3.0	2354	360.0	4962	16.0	15
5TH LARGEST	11.0	4067	10.0	1008	13.0	67	4.0	8760	9.0	752	3.0	2355	363.0	5165	16.0	16
4TH LARGEST	11.0	5260	10.0	5436	13.0	399	5.0	6	9.0	756	3.0	2356	363.0	5298	16.0	17
3RD LARGEST	12.0	2595	11.0	336	13.0	401	5.0	7	9.0	801	3.0	2357	366.0	2658	16.0	18
2RD LARGEST	12.0	6580	11.0	1400	13.0	423	6.0	2365	9.0	928	3.0	2358	372.0	7219	16.0	19
1ST LARGEST			11.0	6580	13.0	427	7.0	2	9.0	1163					16.0	20
THE MEAN VALUE	3.69		1.75		0.31		0.06		5.69		1.19				13.75	
STD. DEVIATION	2.94		2.54		1.23		0.28		1.92		0.58				3.33	
COFF/VARIATION	79.81		145.07		394.00		440.12		33.82		49.17				24.24	
BETA ONE	-0.11		1.11		5.64		11.51		0.08		2.28				-1.18	
BETA TWO	3.75		2.75		37.79		170.43		2.10		6.78				3.28	
(N-20)-AVG EST	3.69		1.75		0.25		0.06		5.69		1.19		39.00		13.75	
(N-20)-S.D.EST	2.94		2.55		1.18		0.23		1.94		0.59		66.70		3.35	
PCT DIFF/MEANS	0.		0.		-5.		0.		0.		0.		-1.		0.	
PCT DIF/ST DVS	-0.		1.		-4.		-17.		1.		1.		-1.		0.	
SIZE OF SAMPLE	9414		9414		9414		9414		9388		9414		9402		9410	

STATISTICS FOR VARIABLES 97 THROUGH 97

	97 MILITARY OUT Y									
	VALUE	SBJCT	VALUE SBJCT	VALUE SBJCT	VALUE SBJCT	VALUE SBJCT	VALUE SBJCT	VALUE SBJCT	VALUE SBJCT	VALUE SBJCT
1ST SMALLEST	0.0	1								
2RD SMALLEST	0.0	2								
3RD SMALLEST	0.0	3								
4TH SMALLEST	0.0	4								
5TH SMALLEST	0.0	5								
6TH SMALLEST	0.0	6								
7TH SMALLEST	0.0	7								
8TH SMALLEST	0.0	8								
9TH S ALLEST	0.0	9								
XTH SMALLEST	0.0	10								
******										
XTH LARGEST	19.0	1113								
9TH LARGEST	19.0	1120								
8TH LARGEST	19.0	1121								
7TH LARGEST	19.0	1135								
6TH LARGEST	19.0	1137								
5TH LARGEST	19.0	1139								
4TH LARGEST	19.0	1140								
3RD LARGEST	19.0	1142								
2RD LARGEST	19.0	1407								
1ST LARGEST										
THE MEAN VALUE	2.65									
STD. DEVIATION	4.51									
COEF/VARIATION	170.43									
BETA ONE	2.01									
BETA TWO	6.51									
(N-20)-AVG EST	2.63									
(N-20)-S.D.EST	4.53									
PCT DIFF/MEANS	-0.									
PCT DIF/ST DVS	0.									
SIZE OF SAMPLE	9414									

PART IV

Bivariate Frequency Tables

PART IV

TABLE OF CONTENTS

X-Variable		Y-Variable(s)*	Pages
Weight	-	Height	IV-1
Weight	-	Variables 3-58, 62, 64-68	IV-2 - IV-63
Height	-	Variables 3-57, 62-68	IV-64 - IV-125
Head Circumference	-	Variables 55-61	IV-126 - IV-132
Head Height	-	Variables 56-61	IV-133 - IV-138
Head Length	-	Variables 57-61	IV-139 - IV-143
Head Breadth	-	Variables 58-61	IV-144 - IV-147
Face Breadth	-	Variables 59-61	IV-148 - IV-150
Bitragion Diameter	-	Variables 60-61	IV-151 - IV-152
Face Length	-	Variable 61	IV-153
Foot Length	-	Variables 63-68	IV-154 - IV-159
Foot Breadth	-	Variables 65-68	IV-160 - IV-163
Heel Breadth	-	Variables 66-68	IV-164 - IV-166
Ball-of-Foot	-	Variables 67-68	IV-167 - IV-168
Heel-Ankle Diagonal	-	Variable 68	IV-169
Foot Length	-	Variables 8, 53	IV-170 - IV-171
Hand Length	-	Variables 15, 16, 49, 50	IV-172 - IV-175
Palm Length	-	Variables 16, 49, 50	IV-176 - IV-178
Hand Breadth	-	Variables 49, 50	IV-179 - IV-180
Wrist Circumference	-	Variable 50	IV-181
Chest Circumference	-	Variables 37, 42, 34, 32, 36, 39, 43	IV-182 - IV-188
Neck Circumference	-	Variable 37	IV-189
Sitting Height	-	Variables 9, 27, 29, 22, 30	IV-190 - IV-194
Waist Circumference	-	Variables 5, 43, 6	IV-195 - IV-197
Waist Height	-	Variable 6	IV-198

* For identification of number variables see Table 1 or each Bivariate Frequency Table in series.

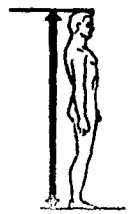
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HEIGHT (STATURE)

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
193.25																	1									1
191.25																										0
189.25													1				1									2
187.25																	1									1
185.25							1	1	1	1	2	1	4		1		1	1								14
183.25								1	6	6	6	6	2	1	1	2	2	3								36
181.25						2	3	6	8	6	9	11	4	2	1	3	1	1	2							59
179.25					1	3	10	10	23	22	25	19	9	10	1	1	3	1	4		1					143
177.25					3	9	35	27	43	34	61	23	13	15	9	10		1	1							284
175.25				2	4	16	43	51	91	58	54	35	15	8	8	13	6	1	1	1						407
173.25				6	9	61	119	102	160	69	91	40	18	18	4	5	3	2	2		1					710
171.25			1	6	27	92	177	125	193	102	89	45	29	26	9	7	8		2						1	939
169.25		1		12	34	123	243	163	199	103	85	41	17	12	7	11	4		2							1057
167.25		1	9	44	80	203	328	193	235	111	55	33	16	14	8	3	3	2								1338
165.25	1		9	63	122	252	308	193	204	80	53	26	17	6	4	4	5		1							1348
163.25		7	14	77	120	237	276	144	116	60	33	13	5	4	1											1107
161.25	1	6	14	84	112	216	202	96	80	14	8	8	2		1		1									845
159.25	1	9	23	61	82	130	103	38	30	4	9	1		2												493
157.25		6	21	51	66	94	48	28	15	3	2	1		1												336
155.25	1	9	10	37	23	44	24	8	4	1	2	1														164
153.25	1	7	12	21	19	16	8	1	1		1															87
151.25		7	4	8	2	7	2	1																		31
149.25		2	1	3		1																				7
147.25		2	2	1																						5
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.524)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 0.701* Y - 55.329 / S.E. = 6.57
FOR Y ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- Y = 0.391* X +142.749 / S.E. = 4.91



Height (Stature)

Subject stands erect. Measure maximum distance from floor to top of head.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CERVICALE HEIGHT

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
166.25																	1									1
164.25													1													1
162.25											2						2									4
160.25							1		2	3		1	1		1		1	2								12
158.25							1	2	6	1	5	4	4	2	1	1	3	1								31
156.25							5	5	6	11	12	4	4	3	2	4	1	1	4		1					63
154.25						6	17	13	34	17	25	22	9	9	7	4	2	2	3							170
152.25				1	3	10	31	36	55	40	47	31	15	13	6	8	1									297
150.25				1	6	23	49	57	69	44	66	31	12	17	4	10	7		2							396
148.25				7	13	59	100	100	154	88	94	43	29	23	6	8	5	3	1	1					1	735
146.25				10	28	88	210	131	237	113	101	57	21	14	14	13	5	1	3		1					1047
144.25		2	4	16	52	167	310	206	250	116	85	40	24	20	4	6	7	2	1							1312
142.25		1	7	61	102	262	373	201	236	117	64	33	17	8	6	4	4		1							1497
140.25	1	3	13	65	98	222	261	159	156	71	44	25	11	5	3	1										1138
138.25		4	12	81	132	240	270	131	109	34	24	8	4	1	1											1051
136.25	1	10	27	86	111	203	155	87	65	12	7	4		3			1									772
134.25	1	11	18	66	95	120	91	48	21	5	7	1		1												485
132.25	1	10	16	51	39	67	41	9	8	2																244
130.25	1	7	13	17	19	27	11	2			2															99
128.25		4	5	10	4	11	3	1																		38
126.25		4	3	4	2	1	1		1																	16
124.25		1	2																							3
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.529)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.744* Y - 44.326 / S.E. = 6.55
FOR Y ... MEAN = 142.41 S.D. = 5.49 ... REQ EQ-- Y = 0.376* X +119.241 / S.E. = 4.66



Cervical Height

Subject stands erect. Measure vertical distance from floor to base of nece (protrusion of the spinous process of the seventh cervical vertebra) with anthropometer parallel to the spinal column along the back.

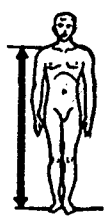
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =SHOULDER (ACROMION) HEIGHT

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
160.25																	1									1
158.25											1		1													2
156.25													2				1									3
154.25								1	4	1	3	1	1		2											13
152.25							1	1	1	3	2	3	2	1		1	5	2								22
150.25						1	5	3	10	11	11	7	5	4	3	1	2	2	3							68
148.25					1	4	19	17	24	13	28	19	7	13	6	6	1	1	1		1					161
146.25				2	3	12	33	33	62	41	49	28	17	10	6	9	2	1	3							311
144.25				2	6	29	63	62	98	70	88	37	17	17	7	13	3	2	2						1	517
142.25				2	19	71	139	114	188	91	82	54	27	19	7	8	6	2	3	1						833
140.25			2	10	24	104	206	148	206	93	93	34	19	20	7	10	8	1	1							986
138.25		1	4	34	66	164	311	190	234	121	74	51	24	18	10	6	5	1	1		1					1316
136.25	1	2	9	50	85	237	331	179	212	88	74	34	18	8	4	2	4									1338
134.25	1	8	17	90	137	271	323	177	184	91	43	21	7	3	2	3			1							1379
132.25		6	17	89	143	247	241	150	101	35	22	10	5	4	1		1									1072
130.25		6	20	69	98	180	154	70	55	13	9	4					1									679
128.25	1	12	18	62	71	99	66	30	19	2	4	1		1												386
126.25	1	6	12	32	34	46	27	8	9		2			1												178
124.25		9	11	24	9	31	10	5	1	1																101
122.25	1	4	6	5	6	6	1		1																	30
120.25		2	4	4	2	4																				16
118.25		1		1																						2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.512)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.732* Y - 38.450 / S.E. = 6.63
FOR Y ... MEAN = 136.72 S.D. = 5.40 ... REQ EQ-- Y = 0.359* X +114.596 / S.E. = 4.64



Shoulder Height

Subject stands erect. Measure vertical distance from floor to outer edge of right shoulder (acromion).

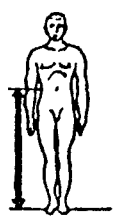
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =WAIST (TOP OF HIP BONE) HEIGHT

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
120.00													1													1
118.50																										0
117.00									1		1															2
115.50									2		1	1	1				1	1								7
114.00							1		2	1	2		1	1				1								9
112.50						2	1	4	3	9	7	5	5	1	1	1	1									40
111.00						2	4	13	12	14	10	6	2	6	1		1	1	1							73
109.50					2	6	16	15	24	13	20	14	6	5	4	3	5	1	2							136
108.00					1	11	31	25	56	27	43	22	8	7	5	5	5	2	3		1					252
106.50			1		14	35	67	62	91	52	61	30	16	11	6	10	1		2							459
105.00			1	8	11	60	128	89	145	70	79	45	14	17	11	11	6	1	1		1				1	699
103.50		1	2	16	37	106	182	131	193	84	82	37	24	15	7	9	2	3	1							932
102.00			6	33	48	148	257	152	187	119	84	48	24	19	4	11	8	1	2	1						1152
100.50	1	2	7	39	73	176	259	155	214	81	58	35	16	14	11	4	4	1								1150
99.00		4	10	68	110	244	309	165	171	79	67	22	20	9	3	3	3		3							1290
97.50		7	15	69	110	234	250	144	118	58	34	20	6	7	1	2	2									1077
96.00	1	8	14	74	107	184	192	114	97	41	18	13	4	2			1									870
94.50	1	9	20	66	72	117	127	64	47	18	11	6	2	3												563
93.00	1	10	17	51	70	119	58	40	27	6	4		2	2	1											408
91.50		8	10	25	26	35	34	13	16	1	1															169
90.00		2	8	19	16	16	9	2	2	1	2															77
88.50		5	6	4	3	7	4		1																	30
87.00	1		1	2	4	3	1																			12
85.50		1	1	1		1																				4
84.00			1	1																						2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.436)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.761* Y - 14.578 / S.E. = 6.94
FOR Y ... MEAN = 100.14 S.D. = 4.43 ... REQ EQ-- Y = 0.250* X + 84.734 / S.E. = 3.98



Waist Height

Subject stands erect. Measure vertical distance from floor to top of right hip bone.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CROTCH HEIGHT

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
95.00													1													1
93.50																										0
92.00							1		1																	2
90.50							1		1	1	1		1													5
89.00						1	2	3	8	3	5	3	2													27
87.50				1		8	8	9	10	6	8	6	2				1	2								61
86.00					2	8	22	14	22	19	13	7	4	3	5	3	2	1	2		1					128
84.50		1			13	28	35	36	50	26	29	15	6	2	2	2	2	1								248
83.00			3	11	16	51	90	68	78	42	53	25	8	5	2	3	2	1	3							461
81.50			4	12	27	92	142	97	147	66	54	28	17	9	5	4	4									708
80.00		1	5	36	59	124	205	120	146	74	83	38	14	14	7	8	4	2	3							943
78.50		5	9	53	71	184	242	183	215	77	67	42	20	22	6	8	1	1								1206
77.00	1	6	15	72	101	214	291	142	180	102	71	31	15	17	7	9	3	1	2							1280
75.50	2	9	17	74	136	236	293	156	206	101	55	27	26	17	5	7	5				1				1	1374
74.00		9	25	62	90	205	209	128	125	64	82	37	11	15	6	4	7	1	1							1081
72.50	1	11	19	57	90	134	179	101	101	48	33	23	18	7	5	6	4	2	1							840
71.00		3	6	44	47	88	104	72	57	25	14	10	4	2	4	4	2		2	1						489
69.50	1	5	7	20	25	72	57	28	35	13	6	8	2	3	1	1	3		1							288
68.00		3	6	21	19	38	33	21	19	6	5	2	1	3												177
66.50		3	1	7	3	14	13	8	7	1	3	2														62
65.00		1	2	2	3	4	2	2			2															18
63.50			1	2	2	3	1				1															10
62.00				1		2			1																	4
60.50																										0
59.00				1																						1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.200)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 0.366* Y + 33.535 / S.E. = 7.56
FOR Y ... MEAN = 76.76 S.D. = 4.21 ... REG EQ-- Y = 0.109* X + 70.045 / S.E. = 4.13



Crotch Height

Subject stands erect. Measure vertical distance from floor to crotch.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Crotch Height.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =KNEE HEIGHT

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
59.25													1													1
58.25							1		4	1	3			1	1	1										12
57.25							2	1	4	6	3	3	1				1	2								23
56.25					2		6	8	9	9	9	5	5	1	1	2	1	2	1							61
55.25					1	11	14	20	26	18	25	20	7	10	2	2	5	1	2							164
54.25				2	4	23	31	42	59	32	38	18	9	6	6	2	2				1					275
53.25		1	2	7	21	67	108	83	130	63	81	34	14	10	6	7	3		3							640
52.25			3	21	28	97	205	149	193	102	89	52	22	16	7	12	7	1	2							1006
51.25		2	7	30	60	158	314	175	263	105	100	48	28	24	8	10	4	1	2							1339
50.25		4	12	55	93	245	293	200	226	116	83	45	22	16	7	10	5	2	2							1436
49.25	1	5	11	86	126	274	355	180	208	100	79	32	21	17	8	9	5	2	1	1						1521
48.25		8	26	81	137	258	277	171	146	64	34	27	15	8	4	3	6		2		1					1268
47.25	2	13	26	85	113	196	169	90	86	38	23	10	5	5	5		1	1							1	869
46.25	1	8	14	59	62	107	90	43	28	11	11	5	2	2		1										444
45.25		12	9	31	46	54	51	17	22	6	5	5		1												259
44.25	1	3	7	11	7	10	12	7	4	3	1			2												68
43.25		1	2	6	3	4	2	1																		19
42.25			1	2	1	2		1	1		1															9
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.357)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.143* Y + 4.463 / S.E. = 7.21
FOR Y ... MEAN = 50.01 S.D. = 2.41 ... REQ EQ-- Y = 0.111* X + 43.174 / S.E. = 2.25



Knee Height

Subject stands erect. Measure vertical distance from floor to top of right kneecap.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CALF HEIGHT

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
42.25							1	1	3		1				1	1			1							9
41.25					1		1	1	4	4	2	3														16
40.25					2	3		2	4	3	3	8	2			1	1									29
39.25		1			4	10	17	8	21	10	18	8	3	1	1	1	1	1								105
38.25				5	5	33	42	30	51	34	24	18	9	6	1	2	1	4	1							266
37.25			3	15	14	59	93	90	98	54	54	24	14	10	7	2	7	1	3							548
36.25	1	1	7	27	59	136	218	132	204	94	84	37	24	14	6	11	4	2	2		1					1064
35.25		2	5	41	85	198	285	184	231	101	102	53	29	19	11	8	6	1								1361
34.25		2	16	76	118	263	381	230	257	125	111	61	27	26	11	18	9	1	3	1					1	1737
33.25	1	14	24	97	128	288	331	209	225	107	64	42	16	16	9	5	2	1	2							1581
32.25		17	27	92	117	239	270	145	162	76	69	28	16	14	5	4	4	1	1		1					1288
31.25	2	7	16	64	89	162	177	93	99	35	32	13	9	7	2	4	1		1							813
30.25	1	6	8	30	54	73	79	41	37	20	13	6	3	4	1		3		1							380
29.25		5	8	21	21	33	22	16	10	9	6	2		1		1	1									156
28.25		1	4	5	7	6	9	5	3	1	1	1		1												44
27.25			1	3		2	3	1			1					1										12
26.25		1				1	1			1																4
25.25			1																							1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.233)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 0.820* Y + 33.714 / S.E. = 7.51
FOR Y ... MEAN = 34.04 S.D. = 2.19 ... REG EQ-- Y = 0.066* X + 29.976 / S.E. = 2.13



Calf Height

Subject stands erect. Measure vertical distance from floor to point of maximum calf circumference on right leg.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =FUNCTIONAL ARM REACH-FORWARD

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
93.50												2	1			1										4
92.00							1		1			1														3
90.50						1					1			1												3
89.00				1		3	8	5	6	2	4	6	1		1	1	1									39
87.50					1	2	5	4	14	6	3	4	1	1	2	3	1									47
86.00					5	11	10	23	25	15	8	13	5	2			2		1							120
84.50					3	18	47	19	46	34	33	11	7	9	4	2	4	2	1		1					241
83.00			2	8	11	40	89	60	89	56	54	30	10	14	5	10	3	1	2							484
81.50		1	1	14	30	66	139	99	125	55	63	35	23	11	6	7	4	3	4							686
80.00	1		2	24	33	113	183	126	168	83	81	45	17	14	4	9	8	4	1							916
78.50		2	7	36	69	166	233	165	217	109	79	44	19	15	7	5	8		3		1					1185
77.00	1	5	13	59	101	248	284	190	216	89	73	32	21	18	8	10	3		1						1	1373
75.50		14	16	65	111	231	278	148	177	77	67	27	17	11	9	4	4	1	2	1						1260
74.00		7	20	65	112	226	266	143	147	69	61	23	19	14	6	3	2	1								1184
72.50	1	6	24	78	94	163	204	103	105	38	32	16	7	7	2	3										883
71.00		8	12	53	65	126	112	69	49	24	20	9	3		1	1										552
69.50	2	4	12	34	33	55	39	19	15	9	5	6	1	1												235
68.00		5	5	19	28	29	16	13	6	5	1			1												128
66.50		3	3	12	4	6	7			2																37
65.00		2	3	5	2		5	2	1																	20
63.50				2	1	1	2		2	1																9
62.00				1	1	1	2																			5
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.315)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 0.587* Y + 16.553 / S.E. = 7.32
FOR Y ... MEAN = 76.79 S.D. = 4.14 ... REG EQ-- Y = 0.169* X + 66.377 / S.E. = 3.93



Functional Arm Reach Forward

Subject stands erect with his shoulders pressed against wall, right arm extended forward, palm down, and top of thumb and forefinger pressed together, forming an oval. Measure perpendicular distance from wall behind shoulder to tip of thumb.

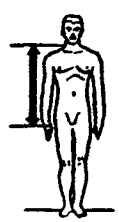
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =COAT LENGTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
80.25												1		1			1									3
79.25								2			1										1					4
78.25						1	1	1	1	3	1	1	3	1			1		2							16
77.25						1	3	4	4	3	4		2		1	1		1								24
76.25						1	11	10	12	13	8	14	3	2	1	5	1	2	1							84
75.25					1	5	11	10	26	19	28	12	8	5	2	3	2									132
74.25					3	8	37	29	60	30	29	22	8	2	2	4	2		2							238
73.25				3	14	32	62	50	69	60	35	30	11	14	2	4	2	1	1							390
72.25				8	14	71	112	89	123	64	61	23	11	9	6	4	4	2			1					602
71.25			2	12	23	91	165	106	174	65	80	44	13	19	9	6	6	1	1	1						818
70.25			4	23	54	114	234	128	193	92	81	28	17	12	5	8	4	1	2							1000
69.25		3	9	44	72	189	245	176	197	79	74	40	22	12	4	8	6	1								1181
68.25	2	6	10	61	94	184	297	162	166	81	57	33	11	14	10	4	3	1	3							1199
67.25	2	5	7	63	101	229	234	149	132	63	44	23	19	6	5	6	4	2	1							1095
66.25		5	14	59	84	198	184	114	98	43	31	18	10	8	6	5	2								1	880
65.25		8	16	59	93	141	152	75	81	24	22	7	10	7	2		1		1							699
64.25		11	19	57	55	107	93	48	43	17	15	4		5					1							475
63.25		5	11	35	49	88	35	15	17	10	6	2	4			1	1									279
62.25	1	5	10	24	23	27	32	11	7	6	4	1		1												152
61.25		1	13	14	15	8	11	7	1	1	2	1		1												75
60.25		6	2	9	5	8	9	1	1	1	2															44
59.25		2	3	4	2	3	2		3																	19
58.25				1	1				1																	3
57.25					1			1																		2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.370)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.901* Y - 0.175 / S.E. = 7.17
FOR Y ... MEAN = 68.60 S.D. = 3.17 ... REQ EQ-- Y = 0.152* X + 59.229 / S.E. = 2.94



Coat Length

Subject stands erect, arms and fingers hanging down. Measure vertical distance between base of neck at right shoulder and first knuckle of right thumb.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HIP BREADTH-STANDING

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
41.75																									1	1
40.75																										0
39.75																										0
38.75																					1					1
37.75											1			2	1	1	2		2							9
36.75											4	9	4	3	10	11	5	3	8	1						58
35.75							2	1	15	18	36	33	22	32	15	17	16	5	5		1					218
34.75						6	21	37	72	85	130	92	52	40	18	23	14	4								594
33.75				1	8	41	139	163	350	218	222	109	49	36	9	7	3									1355
32.75		1		11	44	211	505	425	533	234	152	51	17	5	2											2191
31.75			10	59	154	521	752	385	323	99	33	7	8	1												2352
30.75	1	7	30	173	279	519	401	153	100	17	5	3														1688
29.75		15	48	163	178	183	96	22	14	3	2															724
28.75	3	23	22	58	39	25	11	2	2																	185
27.75		9	9	9	1		3																			31
26.75	1	2	1	2	1																					7
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.755)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.741* Y - 58.715 / S.E. = 5.06
FOR Y ... MEAN = 32.17 S.D. = 1.56 ... REQ EQ-- Y = 0.153* X + 22.740 / S.E. = 1.02
STOP 0



Hip Breadth, Standing

Subject stands erect. Measure maximum distance across the hips.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CHEST BREADTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
39.75																1									1	2
38.75																	1	1	1							3
37.75												1					1									2
36.75												2		1		1		2	1	1						8
35.75									2	1	2	3		4	2	5	9	2	3		1					34
34.75									2	1	3	5	6	8	8	4	7	4	7		1					56
33.75							2	2	6	6	14	19	14	9	11	14	16	2	2							117
32.75						2	5	12	28	35	60	54	44	37	18	17	3	1	1							317
31.75				2	1	11	49	57	155	101	141	81	45	40	10	11	3									707
30.75				4	13	67	225	228	370	224	197	96	28	15	5	6										1478
29.75			3	20	61	250	493	400	475	192	118	32	14	5	1											2064
28.75		2	11	68	195	517	664	326	267	96	42	6	1													2195
27.75	1	7	34	172	234	427	374	138	89	17	6	4														1503
26.75		17	38	135	147	180	101	23	15		2	1														659
25.75	3	18	24	61	44	45	15	2		1																213
24.75	1	11	7	12	8	4	1																			44
23.75		2	3	2	1	2																				10
22.75						1	1																			2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.743)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.231* Y - 33.277 / S.E. = 5.16
FOR Y ... MEAN = 29.37 S.D. = 1.78 ... REQ EQ-- Y = 0.171* X + 18.835 / S.E. = 1.19



Chest Breadth

Subject stands erect and breathes normally. Measure breadth of chest at nipple level.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CHEST DEPTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
30.75																		1	1						1	3
29.75														1			1									2
28.75														3		1	3	2	2		2					13
27.75												2	2	3	3	5	6	2	2							25
26.75									3	4	5	14	8	12	10	13	9	3	7	1						89
25.75				1			3	2	14	15	32	37	26	23	16	15	16	2	2							204
24.75						7	16	34	81	46	88	67	44	49	15	17	4	2	1							471
23.75				2	11	45	125	139	280	156	202	104	54	23	11	3	1									1156
22.75			1	25	56	214	454	390	503	260	177	58	16	3		5										2162
21.75		4	19	77	208	544	705	415	380	154	68	19	2	2												2597
20.75		12	33	184	263	470	478	165	124	35	10	2														1776
19.75	4	22	41	142	139	195	134	41	23	4	2	1														748
18.75	1	11	24	34	27	27	15	2	1		1															143
17.75		6	2	10		3																				21
16.75		2		1		1																				4
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.723)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ— X = 3.595* Y - 17.892 / S.E. = 5.33
FOR Y ... MEAN = 22.12 S.D. = 1.55 ... REG EQ— Y = 0.145* X + 13.184 / S.E. = 1.07



Chest Depth

Subject stands erect and breathes normally. Measure depth of chest from right side at nipple level.

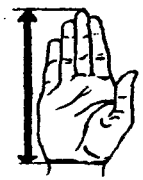
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HAND LENGTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
22.40											1															1
22.10												1				1										2
21.80								1					1					1								3
21.50							1	1	2		5	3		1		1	1		1							16
21.20							1	1	6		3	2	1	1			1									16
20.90							5	7	12	9	10	4	8	4	2	1	2	1	2							67
20.60							11	4	16	13	22	5	5	2		2	2	1	1							84
20.30					4	9	27	23	50	34	39	27	11	8	2	3	1	3								241
20.00				3	10	25	68	75	105	65	64	39	18	12	6	7	4	1	2							504
19.70			1	3	11	51	92	82	115	66	53	32	9	9	6	3	4		2		1					540
19.40		1	4	13	22	94	174	142	180	87	68	42	19	17	6	11	8	1								889
19.10		1	4	19	56	164	251	167	196	101	73	36	18	18	6	6	5	1	2						1	1125
18.80			8	37	85	177	295	174	190	92	83	31	18	16	10	11	2		1							1230
18.50		2	8	69	93	239	290	161	172	86	65	32	17	11	9	4	5		1	1	1					1266
18.20	1	6	15	75	105	235	286	150	163	52	49	25	13	8	3	6	2		2							1196
17.90	1	9	19	89	130	237	197	100	99	39	23	10	9	8	2	3	1	2	1							979
17.60		5	14	52	79	132	111	57	56	15	12	10	3	2			1	1								550
17.30	2	13	21	49	56	86	71	28	33	11	13	4	1	1	3											392
17.00	1	10	13	39	33	31	39	10	10	3		1	1													191
16.70		7	10	17	12	17	7	4	2	1	2			1			1									81
16.40		1	2	5	7	4	2		1																	22
16.10		1		5		4	2	1	1																	14
15.80		1	1		1	1																				4
15.50				1																						1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.413)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.709* Y - 7.653 / S.E. = 7.03
FOR Y ... MEAN = 18.68 S.D. = 0.86 ... REQ EQ-- Y = 0.046* X + 15.845 / S.E. = 0.78



Hand Length

Subject stands erect with right hand extended forward, palm up and fingers straight. Measure distance from wrist (navicular) to tip of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =PALM LENGTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
12.65												1														1
12.45											1		1													2
12.25							2	1			3	1					1									8
12.05						2	2	2	3	1	3	7	2	3		1	2	1								29
11.85					1	1	3	6	9	6	9	7	2	5	1	1	2									53
11.65				1	1	5	15	10	24	17	16	3	12	3	4	3	1	2	2							119
11.45					5	12	28	37	47	32	34	21	8	9	2	3	2	2	1		1					244
11.25			1	6	8	29	60	51	87	44	48	31	10	7	2	7	3	1								395
11.05			3	9	20	85	155	114	142	85	77	42	19	15	6	10	6	1	3						1	793
10.85			4	25	45	138	194	123	182	91	72	36	20	18	5	8	4		3							968
10.65		3	4	41	62	161	250	198	201	101	86	48	22	17	10	11	8	2	2		1					1228
10.45		3	12	55	108	246	347	199	225	121	77	38	18	12	8	8	5									1482
10.25	1	5	18	66	118	243	337	182	216	75	77	33	16	15	8	2	2	1	1	1						1417
10.05	1	13	27	97	132	273	272	158	155	56	54	20	16	13	4	2	3		3							1299
9.85	1	7	16	65	71	139	119	52	57	26	14	10	3	1	4	1	1	1								588
9.65	2	14	20	45	69	97	76	26	37	11	7	4	3	1		1										413
9.45		7	6	39	35	50	42	19	13	6	7	1			1											226
9.25		4	4	13	13	13	24	7	8	2		1						1								90
9.05			5	9	12	9	1	2	3							1										42
8.85				4	2	2	3	1																		12
8.65		1				1																				2
8.45				1	2																					3
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.362)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 5.338* Y + 5.840 / S.E. = 7.19
FOR Y ... MEAN = 10.45 S.D. = 0.52 ... REG EQ-- Y = 0.025* X + 8.911 / S.E. = 0.49



Palm Length

With right hand in same position as for No. 19, measure distance from wrist to base of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HAND BREADTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
10.95													1													1
10.75																										0
10.55																										0
10.35											2															2
10.15														1		2		1	1							5
9.95					1		4		6	4	11	8	2			2	2									40
9.75						2	4	4	23	13	18	14	4	7	3	3		3								98
9.55						5	19	26	53	44	36	25	17	7	4	5	4	1	2							248
9.35			1	2	6	20	77	86	119	96	97	43	12	17	7	2	4	1	2		1					593
9.15		1		3	19	71	154	148	237	126	96	53	25	22	9	9	12	2	4	1					1	993
8.95	1		5	20	67	240	424	307	363	144	130	69	34	22	14	19	6		2		1					1868
8.75		1	7	37	94	264	371	218	231	94	67	35	24	20	6	7	5	2	2							1485
8.55		5	15	91	147	378	424	214	203	82	69	23	19	11	6	6	5	2	1							1701
8.35		8	31	119	175	279	281	123	101	45	40	22	12	7	5	3	1									1252
8.15		11	24	100	113	158	110	48	45	17	15	8	2	3	1	1	1									657
7.95	3	15	20	65	58	67	54	12	22	7	2	3		2					1							331
7.75	1	11	14	30	18	20	5	2	4	2	1	1														109
7.55		5	2	5	5	1	2				1															21
7.35				2	1	1	1		2																	7
7.15			1	1																						2
6.95				1																						1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.471)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 8.700* Y - 14.342 / S.E. = 6.81
FOR Y ... MEAN = 8.73 S.D. = 0.42 ... REQ EQ-- Y = 0.025* X + 7.192 / S.E. = 0.37



Hand Breadth

With right hand in same position as for No. 19 and No. 20, measure maximum breadth across base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

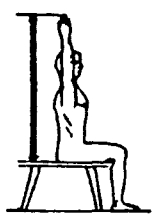
X =WEIGHT
AND
Y =ARM REACH-UPWARD

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
156.25									1																	1
154.25													1				1									2
152.25											1	2	3			1	1		1							9
150.25						1		1	5	5	8	5	6	2	2											35
148.25							7	6	13	16	16	14	5	3	1	1	1	1	3		1					88
146.25						5	18	10	33	25	26	17	6	6	2	5	3	3	1							160
144.25				1	3	9	34	40	87	47	69	34	15	17	5	4	6	3	1							375
142.25				4	10	40	96	115	153	87	92	43	21	27	11	9	7	2			1					718
140.25				4	21	90	201	121	208	116	97	59	19	19	7	16	5		4	1					1	989
138.25			5	24	48	185	302	213	254	118	93	43	25	11	10	9	5	1	3							1349
136.25		1	6	53	96	236	389	243	237	110	67	35	25	13	8	6	6	1	1							1533
134.25	1	1	13	72	126	305	349	174	188	73	50	30	13	8	4	6	4	1	1							1419
132.25		3	19	93	151	256	275	143	143	47	36	13	7	7	4	2	1									1200
130.25	1	7	18	92	105	188	148	74	60	19	17	5	6	2	1											743
128.25	2	19	29	65	79	119	70	27	20	9	7	3		3												452
126.25	1	8	16	41	39	45	29	17	5	1	6			1												209
124.25		11	10	19	20	21	9	4	2	1		1														98
122.25		3	3	5	5	4	3																			23
120.25		2	1	3	1	2																				9
118.25		2																								2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.492)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.770* Y - 43.104 / S.E. = 6.72
FOR Y ... MEAN = 136.02 S.D. = 4.93 ... REQ EQ-- Y = 0.315* X +116.605 / S.E. = 4.29



Arm Reach Upward

Subject extends right arm and fingers upward. Measure vertical distance from seat to tip of middle finger.

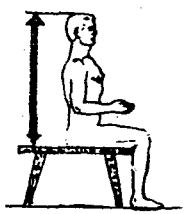
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =SITTING HEIGHT

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
100.50												1					1									2
99.00										1	1	1	2				1									6
97.50							1	1	4	4	7	1	1	1	2	1	1		1							25
96.00						1	3	3	15	9	17	14	10	5	1	3	2		2							85
94.50						7	30	24	35	29	39	28	7	11	6	9	2	5	1							233
93.00		1		3	5	31	62	63	99	61	63	40	18	18	7	4	9	3	6		1				1	495
91.50				8	19	66	165	116	176	127	123	59	32	24	11	13	9	2	2	1	1					954
90.00			1	29	52	139	269	198	291	143	118	56	29	31	11	19	4									1390
88.50			6	39	86	226	363	242	298	133	98	53	30	14	11	7	6	1	1							1614
87.00	2	1	16	71	138	312	396	223	256	90	69	26	12	8	5	3	3	1	1							1633
85.50		10	18	115	146	313	353	190	152	39	31	22	8	5	1		1									1404
84.00		9	25	88	130	218	181	94	60	25	14	2	1	1			1		1							850
82.50	2	10	23	61	82	133	82	28	20	11	4	1	2	1												460
81.00	1	12	16	34	34	46	19	6	2	2	1															173
79.50		9	12	21	10	12	6		1																	71
78.00		2	1	7	2	2																				14
76.50		2	2																							4
75.00		1																								1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.507)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.199* Y - 43.725 / S.E. = 6.65
FOR Y ... MEAN = 87.87 S.D. = 3.26 ... REQ EQ-- Y = 0.214* X + 74.680 / S.E. = 2.81



Sitting Height

Measure vertical distance from seat to top of head.

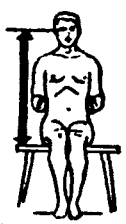
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =EYE HEIGHT-SITTING

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
88.50										2		2														4
87.00							1		3			1	2	1			2									10
85.50							1	2	6	5	11	11	4	3	3	2	2		2							52
84.00						3	19	15	27	14	26	17	9	11	3	2	2	2							1	151
82.50				2	5	21	45	36	49	42	53	36	9	15	7	12	6	6	4		2					350
81.00		1		7	8	46	102	106	144	81	94	44	35	20	11	14	7	2	3	1						726
79.50			3	17	47	122	227	158	245	164	125	65	29	24	10	14	9	1	3							1263
78.00			2	39	70	201	350	211	297	152	113	61	25	16	10	8	6		2							1563
76.50	2	2	13	64	107	280	410	238	278	104	81	31	16	16	7	6	3									1658
75.00		8	19	97	158	308	343	218	188	58	51	23	13	8	3		1	1	1							1498
73.50	1	9	24	101	149	263	252	130	114	35	21	7	5	2	1	1	2									1117
72.00	1	11	22	65	80	160	125	54	34	10	5	5	4	1												577
70.50	1	11	22	48	63	72	45	19	22	5	5		1	2												316
69.00		10	8	24	13	24	5	1	1	2		1														89
67.50			7	10	3	4	4		1																	29
66.00		3		2	1	2	1																			9
64.50																										0
63.00		2																								2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.481)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.141* Y - 25.895 / S.E. = 6.77
FOR Y ... MEAN = 76.71 S.D. = 3.25 ... REQ EQ-- Y = 0.202* X + 64.260 / S.E. = 2.85



Eye Height

Measure vertical distance from seat to level of inner corner of right eye. It is not necessary to touch the latter point with the instrument, since it can be located by sighting along the anthropometer arm.

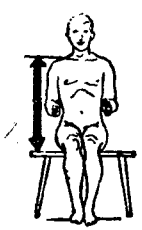
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =MID-SHOULDER HEIGHT-SITTING

Y /X= =/	41 .00	44. .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
70.75												1		1												2
69.75									1		3					2	1									7
68.75							1	2	5	2	3	2	2	2	1	1			1							22
67.75						2	6	4	2	7	13	9	8	3	2		3				1					60
66.75					1	3	13	7	22	10	20	17	8	9	5	4	7	3	2							131
65.75						12	31	20	49	27	30	26	13	18	7	7	2	4	7		1					254
64.75					5	25	53	67	86	57	73	36	17	18	8	12	9	1	1	1						469
63.75		1		6	13	59	131	83	152	93	87	50	20	17	9	9	6	2							1	739
62.75			2	17	29	89	210	139	222	137	109	58	26	20	9	10	3	2	2							1084
61.75			3	29	69	156	246	187	235	113	85	44	22	10	6	7	5									1217
60.75	2	1	5	43	78	235	331	217	231	85	65	32	17	8	5	7	3		1							1366
59.75		2	14	74	106	235	312	182	198	72	59	16	12	10	2		1									1295
58.75		6	20	78	122	238	301	143	95	40	21	8	5	2	1				1							1081
57.75		7	21	82	107	203	161	77	74	21	12	3	1	1												770
56.75	1	9	21	53	89	138	76	43	24	8	5	2														469
55.75	1	10	16	46	57	76	33	8	8	2			1													258
54.75	1	13	8	28	18	22	18	7	3																	118
53.75		1	5	14	10	9	6	2	2																	49
52.75		4	2	4		4	1																			15
51.75			3	2																						5
50.75		1																								1
49.75		2																								2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.526)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.491* Y - 28.960 / S.E. = 6.56
FOR Y ... MEAN = 60.76 S.D. = 2.72 ... REQ EQ-- Y = 0.186* X + 49.295 / S.E. = 2.32



Mid-Shoulder Height

Measure vertical distance from seat to point midway between neck-shoulder junction and top of outer edge of right shoulder.

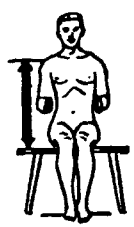
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =SHOULDER (ACROMION) HEIGHT SITTING

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
68.75											1			1												2
67.75											1	1														2
66.75							1	1	4	3	5	2	1	1	1	1	1		1							22
65.75						1	4	2	5	6	8	5	3	5		1	1									41
64.75					1	5	10	6	8	10	12	6	7	4	4	2	1	1	1		1				1	80
63.75					2	7	13	16	33	13	21	23	14	10	5	4	9	3	4							177
62.75				3	3	28	49	46	71	43	37	33	13	15	7	6	5	2	4		1					366
61.75		1		5	8	38	99	75	103	62	80	35	18	19	5	10	6	3	1	1						569
60.75				11	19	59	155	92	157	98	88	38	19	16	8	7	5	2								774
59.75			4	23	52	131	183	136	207	119	103	57	25	16	8	11	4	1	2							1082
58.75	1	1	5	34	66	168	271	180	228	90	76	45	16	13	12	12	3									1221
57.75	1	3	13	51	103	219	313	192	213	90	65	28	20	3	1	3	4									1322
56.75		2	20	88	97	236	306	180	162	69	49	17	9	11	4	2	1		1							1254
55.75		3	15	64	105	219	250	133	116	38	18	7	3	3												974
54.75		11	19	68	87	172	137	70	57	22	13	5	4	1					1							667
53.75	2	9	18	45	85	110	70	37	28	8	6			1												419
52.75		10	11	49	43	80	44	16	12	3	2	2														272
51.75	1	10	7	23	25	21	17	3	5																	112
50.75		3	4	7	5	7	5	2																		33
49.75		1	3		3	5	2	1																		15
48.75		1	1	3			1																			6
47.75				2																						2
46.75		2																								2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.477)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.291* Y - 13.291 / S.E. = 6.78
FOR Y ... MEAN = 58.03 S.D. = 2.85 ... REQ EQ-- Y = 0.176* X + 47.187 / S.E. = 2.51



Shoulder Height

Measure vertical distance from seat to top of outer edge of right shoulder.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =KNEE HEIGHT-SITTING

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
60.75																	1									1
59.75											2		2	1				1								6
58.75							1		2	1	1	1	2	2			1		1							12
57.75							1	3	7	10	7	6	2	1	2	1	3	3	2		1					49
56.75					1	4	4	13	16	13	21	18	10	6	6	7	2	1	1							123
55.75					4	10	28	29	56	37	59	33	14	16	5	3	5	1	3							303
54.75			1	1	6	30	66	64	118	65	78	33	13	15	5	9	5	1	4						1	515
53.75				4	15	75	176	153	214	109	108	49	38	20	16	20	8	3		1						1009
52.75		1	3	20	49	144	305	184	287	154	123	73	30	20	9	13	6	2	2							1425
51.75		2	9	55	107	262	405	273	291	132	74	45	22	22	6	5	4		1		1					1716
50.75		7	9	72	118	326	373	214	209	80	72	27	12	8	3	1	4		1							1536
49.75	2	7	30	105	176	308	316	144	142	50	25	11	6	4	3		1									1330
48.75	2	11	20	93	113	183	153	75	39	17	10	4		3												723
47.75		9	24	76	73	120	74	27	23	4	2	4	1													437
46.75		10	13	32	29	27	23	8	3	2	3			1												151
45.75		5	6	14	7	13	5	1	2																	53
44.75	1	5	5	4	6	4																				25
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.515)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.781* Y - 30.144 / S.E. = 6.62
FOR Y ... MEAN = 51.53 S.D. = 2.23 ... REQ EQ-- Y = 0.149* X + 42.347 / S.E. = 1.91

2
49
1
50
2
50
1
51
2
51
1
52
2
52
1
53
2
53
1
54
2
54
1



Knee Height

Measure vertical distance from footrest to top of right knee.

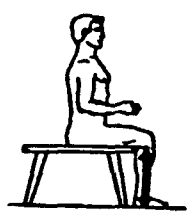
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =POPLITEAL HEIGHT-SITTING

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
48.25											1															1
47.25							1		2		1						1									5
46.25						1	2	1	7	2	2	1	6	2	1											25
45.25					1	2	4	9	7	9	9	1	3	1	1	1										48
44.25				1	2	14	17	26	34	26	24	24	6	3	3	1	1	1	1							184
43.25			1	5	17	44	83	60	87	46	56	28	15	11	5	4	4	4	2							472
42.25		1	2	8	33	104	199	135	212	98	106	38	12	16	6	6	6		1							983
41.25		5	9	61	86	221	374	254	297	149	123	57	33	23	12	12	7	3	2	1	1					1730
40.25		3	17	105	153	357	449	251	324	162	116	68	30	26	10	13	6	1	4						1	2096
39.25	2	13	29	103	164	367	432	243	246	108	82	50	23	22	10	19	6	1	3							1923
38.25	1	17	29	96	149	221	227	129	132	49	46	24	16	5	3	2	5	1	1		1					1154
37.25	1	8	17	67	66	125	101	61	42	18	12	9	8	6	3		4	1	1							550
36.25	1	6	11	22	26	36	36	18	13	6	3	2		4		1										185
35.25		3	4	7	4	9	4	1	4		2	2			1											41
34.25		1	1	1	3	3	1		2	1	2															15
33.25						2																				2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.273)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.172* Y + 14.562 / S.E. = 7.42
FOR Y ... MEAN = 40.16 S.D. = 1.80 ... REQ EQ-- Y = 0.064* X + 36.216 / S.E. = 1.73



Popliteal Height

Measure vertical distance from footrest to underside of right knee.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Popliteal Height.

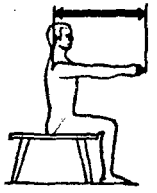
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =ARM REACH-FORWARD

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
98.00														1												1
96.50						1		1	4	4	1	2	1					1	1		1					17
95.00					1	1	1	2	12	5	7	3	2	2			3		1							40
93.50					2	3	5	10	15	15	13	12	4	3	4	5	2	1								94
92.00					2	7	30	18	50	21	32	25	10	5	2	7	6	1	3							219
90.50				1	14	19	65	58	96	50	58	32	17	17	9	8	5	4								453
89.00			3	8	21	53	106	95	149	79	83	37	22	24	9	7	4	1	4							705
87.50			4	22	37	139	248	182	233	122	88	52	21	18	10	14	5	1	1		1				1	1199
86.00	1	1	6	31	69	205	301	202	250	122	118	54	30	12	11	8	10	2	2	1						1436
84.50	1	1	14	76	99	299	336	199	233	106	71	33	23	17	7	7	4	1	2							1529
83.00		4	15	75	144	286	366	178	175	80	63	26	12	12	1	2	1		1							1441
81.50	1	12	19	93	142	229	253	143	107	36	28	17	6	5		1										1092
80.00	1	10	26	68	80	149	127	67	53	23	15	8	3	3	2											635
78.50		12	18	55	53	65	60	20	21	7	3	2	1													317
77.00	1	8	8	33	27	30	24	9	8	2	4	1														155
75.50		7	7	9	7	10	4	4	2	1	1															52
74.00		1		3	4	7	4			1																20
72.50		1		1	2	2																				6
71.00				1																						1
TOTALS	5	57	120	476	704	1505	1930	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9412

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.431)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.925* Y - 16.790 / S.E. = 6.97
FOR Y ... MEAN = 84.78 S.D. = 3.59 ... REQ EQ-- Y = 0.201* X + 72.392 / S.E. = 3.24



Arm Reach Forward

Subject's right arm and fingers are extended forward parallel to the floor. Measure distance from back of right shoulder (greatest bulge of trapezius) to tip of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

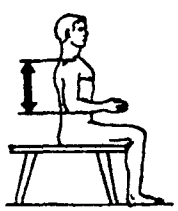
X =WEIGHT
AND
Y =SHOULDER-ELBOW LENGTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
41.50											1		1								1					3
41.00											2			1			3									6
40.50						1		1	1	1	1	1	2		1	1			1							11
40.00							2	3	5	2	1	4	3	2		2	2									26
39.50						1	4	6	13	11	8	14	6	4	2	2		4	1							76
39.00					1	8	12	7	18	18	16	15	9	8	3	5	4	2	3							129
38.50					3	6	24	35	39	37	37	25	10	8	6	5	3		2							240
38.00			1		5	13	38	50	63	43	38	18	6	12	4	4	2	1	1							299
37.50				5	9	41	80	64	122	65	74	35	17	13	9	7	6	1	2		1					551
37.00				7	17	67	135	87	147	71	79	41	18	13	12	10	3		2							709
36.50		1	3	19	35	125	220	162	205	93	75	45	26	17	6	13	9	2	2	1						1059
36.00			5	32	50	136	216	129	197	82	71	34	16	15	5	2	3	1	1							995
35.50		3	7	48	89	243	310	175	195	106	79	32	16	9	2	6	3	1							1	1325
35.00		2	17	50	70	175	254	143	128	48	44	16	12	9	3	2	1									974
34.50		7	18	68	122	226	257	128	118	44	31	8	6	3	1		1									1038
34.00	1	7	17	74	100	143	141	94	75	26	14	9	2	2	1											706
33.50	1	6	13	66	74	146	120	53	44	22	6	3	1													555
33.00	2	9	11	44	53	93	67	35	20	2	5	2	1	2												346
32.50	1	7	11	27	37	43	29	12	11	2	1			1												182
32.00		6	9	17	18	23	11	2	4		1	2														93
31.50		6	5	8	11	8	5	1	2	1	1															48
31.00		2	1	5	8	4	5	1																		26
30.50		1	1	6	1	3																				12
30.00					1	1																				2
29.50			1						1																	2
TOTALS	5	57	120	476	704	1506	1930	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.479)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.290* Y - 19.731 / S.E. = 6.77
FOR Y ... MEAN = 35.53 S.D. = 1.61 ... REQ EQ-- Y = 0.100* X + 29.366 / S.E. = 1.42



Shoulder-Elbow Length

Subject's right upper arm hangs down at his side, forearm is extended forward at right angles. Measure the vertical distance from the edge of right shoulder to right elbow.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =FOREARM HAND LENGTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
54.25											1															1
53.25											1	1	1				1									4
52.25								3	1	1	4	4	2	1		1	1	1	2							21
51.25						1	5	6	11	10	16	8	3	2	1	3	2		1							69
50.25					4	2	18	18	43	23	34	27	14	8	6	4	2	3								206
49.25					4	19	65	61	117	78	72	31	16	13	6	4	4	3	2		1					496
48.25				12	21	74	163	128	201	108	113	52	21	26	4	11	7	2	3							946
47.25			3	21	54	164	346	220	309	144	120	67	31	24	15	12	7		2	1	1					1541
46.25		1	11	73	122	287	430	271	301	126	99	55	27	20	11	17	10		2						1	1864
45.25	2	4	20	92	173	390	439	258	220	116	70	37	21	14	8	3	4	3	3							1877
44.25		14	26	110	149	306	279	133	137	43	33	12	13	6	4	4	2									1271
43.25	1	14	25	77	95	180	118	71	55	18	12	7	3	4												680
42.25	1	16	21	62	57	63	53	15	10	6	10	3		1												318
41.25	1	5	10	22	21	13	12	3	2	1																90
40.25		2	3	7	4	5	2	1	1																	25
39.25		1	1			2																				4
TOTALS	5	57	120	476	704	1506	1930	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.445)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.756* Y - 19.227 / S.E. = 6.91
FOR Y ... MEAN = 46.05 S.D. = 1.96 ... REQ EQ-- Y = 0.113* X + 39.082 / S.E. = 1.75



Forearm-Hand Length

Subject's right upper arm hangs down at his side, forearm and fingers extended forward at right angles. Measure the distance from the elbow to the tip of the middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =SHOULDER BREADTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
54.25																	1								1	2
53.25																1		1	1							3
52.25																		1								1
51.25														1		4	3	2	4		1					15
50.25												2	2	4	3	2	8	4	4							29
49.25					1	1	2	1		1	3	5	7	15	7	11	8	2	3	1	1					69
48.25					1		2	1	2	1	10	15	10	20	12	10	9		2							95
47.25			2	1		1	2	4	7	10	23	43	30	28	18	18	5	1	1							194
46.25					1	4	6	15	36	42	88	58	45	20	12	9	2									338
45.25				1		6	27	51	121	114	137	74	32	19	3	3	2									590
44.25				1	5	27	121	157	326	185	169	60	17	11		1	2									1082
43.25			1	7	16	111	359	278	377	175	92	32	7					1								1456
42.25			1	23	90	252	531	338	289	92	43	11	1													1671
41.25		1	8	76	162	461	491	220	177	41	15	4		1												1657
40.25		6	18	117	209	370	252	88	58	11	5		1													1135
39.25	1	14	39	135	129	189	92	31	12	2																644
38.25		11	20	74	69	66	35	4	3																	282
37.25	2	17	22	35	18	14	9																			117
36.25	1	7	3	6	2	2																				21
35.25	1	1	4		1	1																				8
34.25			2			1	1																			4
TOTALS	5	57	120	476	704	1506	1930	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.783)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 2.573* Y - 47.546 / S.E. = 4.80
FOR Y ... MEAN = 42.43 S.D. = 2.35 ... REG EQ-- Y = 0.238* X + 27.763 / S.E. = 1.46



Shoulder Breadth

Subject's upper arms hang down at his sides and forearms are extended forward at right angles, elbows against the body. Measure the maximum distance across the upper arm muscles.

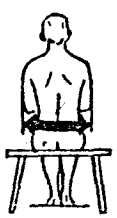
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =ELBOW-TO-ELBOW BREADTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
61.50																			1							1
60.00																		1								1
58.50													1	1		2	2		2							8
57.00														2		2		3	1							8
55.50											1	3	1		2		1	1							1	10
54.00						1	1	1	1	2	2	2	3	10	4	5	6	2	4							44
52.50						1			2	2	7	12	5	12	9	8	12	1	2	1	2					76
51.00							2	2	1	5	8	13	14	23	13	8	7	3	2							101
49.50						4	6	10	23	21	21	28	21	19	13	10	2	1	2							181
48.00				1	2	7	15	21	36	25	47	43	35	20	8	14	7		1							282
46.50			1	1	7	8	32	32	79	75	96	69	27	17	3	6	2									455
45.00				2	12	34	94	109	184	125	149	66	24	11	2	1										813
43.50			1	7	18	85	231	226	350	178	129	45	17	4	1	1	1									1294
42.00			3	27	66	247	475	374	389	169	98	19	3			2										1872
40.50		1	11	64	143	410	556	244	228	56	22	2	1													1738
39.00		5	20	127	223	461	384	131	90	14	4	1														1460
37.50	1	12	33	153	154	182	104	26	17	1																683
36.00	1	29	36	77	67	51	17	4	2																	284
34.50	2	7	9	14	9	4	4	3	2	1		1														56
33.00	1	3	6	2		5	6	2	4																	29
31.50				1	3	3	2	2			1															12
30.00						3																				3
TOTALS	5	57	120	476	704	1506	1929	1187	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9411

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.741)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.629* Y - 6.697 / S.E. = 5.19
FOR Y ... MEAN = 41.94 S.D. = 3.51 ... REQ EQ-- Y = 0.337* X + 21.175 / S.E. = 2.36



Elbow-Elbow Breadth

Subject is in the same position as for No. 32. From behind the subject, measure the maximum distance across the elbows.

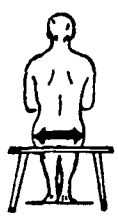
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HIP BREADTH-SITTING

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
42.25																									1	1
41.25																			1		1					2
40.25															1	2	1	1	3		1					9
39.25											1	2	1	1	5	8	4	6	8							36
38.25								1	2	1	4	7	11	15	12	10	13	2	3	1						82
37.25							2	1	8	13	20	41	32	30	17	17	12	2								195
36.25					1	4	10	11	35	57	107	91	47	44	16	13	9	1								446
35.25					4	9	43	60	177	159	201	91	39	22	4	9	1									819
34.25				1	9	57	218	253	436	241	172	56	17	5												1465
33.25		1	1	12	44	246	604	460	495	146	71	12	4	1												2097
32.25		2	2	59	168	577	714	323	205	54	8	3	1	1												2117
31.25		5	32	172	275	462	280	66	43	3	1	1														1340
30.25	1	17	45	167	167	130	56	13	7																	603
29.25	1	23	31	55	35	20	1																			166
28.25	2	7	7	8	1	1	1																			27
27.25	1	2	2	2																						7
TOTALS	5	57	120	476	704	1506	1929	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9412

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.817)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.433* Y - 52.049 / S.E. = 4.45
FOR Y ... MEAN = 33.11 S.D. = 1.84 ... REQ EQ-- Y = 0.194* X + 21.157 / S.E. = 1.06



Hip Breadth, Sitting

Measure maximum distance across the hips.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =BUTTOCK-KNEE LENGTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
65.25																	2									2
64.25													1	1				1								3
63.25									2		2	3	2		2			2			1					14
62.25								2	4	3	6	3	2	1	1	3	4		2							31
61.25					1	4	7	6	8	10	15	14	11	5	5	5	5	3	5							104
60.25						3	14	17	44	30	32	34	9	11	5	8	4	2	3	1					1	218
59.25				1	5	16	45	49	85	68	84	34	23	21	11	13	6	2	3							466
58.25		1	1	2	13	51	123	101	179	93	104	52	27	31	13	12	7	2	1		1					814
57.25			1	11	31	95	248	167	257	109	113	56	24	24	10	9	6		1							1162
56.25			4	33	55	200	313	214	286	148	100	55	24	15	6	5	3									1461
55.25	1	2	11	53	108	274	400	244	256	116	71	32	22	7	1	4	1									1603
54.25		5	8	91	158	321	364	216	167	63	37	14	5	2			2									1453
53.25		12	28	100	130	273	242	103	81	29	13	5		1												1017
52.25	2	8	23	90	116	168	124	56	29	4	5	1	2		1											629
51.25	1	11	24	49	52	72	35	11	7	1	1	1														265
50.25		12	14	31	27	19	10	1	3		2															119
49.25		5	5	12	7	9	5	1																		44
48.25		1	1	2		1																				5
47.25	1			1	1																					3
TOTALS	5	57	120	476	704	1506	1930	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.570)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.867* Y - 42.132 / S.E. = 6.34
FOR Y ... MEAN = 55.58 S.D. = 2.36 ... REQ EQ-- Y = 0.174* X + 44.853 / S.E. = 1.94



Buttock-Knee Length

Measure distance from rear projection of right buttock to front of right kneecap.

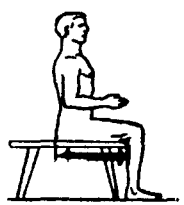
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =BUTTOCK-POPLITEAL LENGTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
52.75												1	1	1			2									5
51.75						3	2	3	2	5	6	4	2	1	3	2	2	2	1							38
50.75				1	1	2	4	7	13	9	16	8	2	3	3	4	4		1		1					79
49.75					3	5	21	25	42	34	21	31	16	12	6	7	6	4	2							235
48.75		1	1	3	6	23	60	59	93	58	77	36	18	18	7	9	5		5		1					480
47.75			2	8	27	79	158	120	176	94	99	43	33	25	16	12	4	4	4	1					1	906
46.75		1	2	31	59	155	280	189	295	136	136	64	20	27	8	11	5	2	2							1423
45.75			9	47	91	245	389	225	307	135	113	55	28	22	8	8	4									1666
44.75	1	13	17	78	136	314	388	241	234	106	62	41	22	7	2	5	4									1671
43.75	1	9	20	102	144	292	342	186	134	61	35	12	6	2	1	1	3									1351
42.75	1	7	26	93	126	222	190	93	75	30	11	9	3		1		1									888
41.75	1	9	24	64	52	118	69	28	29	6	6		1	1												408
40.75		14	8	38	42	32	21	9	8		1															175
39.75	1	3	7	5	13	13	5	3			2															52
38.75			3	5	3	3	1																			15
37.75			1	1	1																					3
TOTALS	5	57	120	476	704	1506	1930	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.470)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.699* Y - 15.408 / S.E. = 6.81
FOR Y ... MEAN = 45.34 S.D. = 2.14 ... REQ EQ-- Y = 0.130* X + 37.331 / S.E. = 1.89
STOP 0



Buttock-Popliteal Length

Measure distance from rear projection of right buttock to back of right knee.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Buttock-Popliteal Length.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =BACK-WAIST LENGTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
59.25								1																		1
58.25																										0
57.25						1		1		1		1	1				1									6
56.25					1					2		1	3													7
55.25						1	2	1	1		5		1	3		2	1	1								18
54.25						3	1	5	4	8	3	3	2	4	5	2	2	2								44
53.25				1	1	2	11	6	19	12	15	13	5	7	5	2	3		2							104
52.25				2	2	8	26	23	48	24	32	26	13	8	4	11	3	1	2		1					234
51.25				2	5	22	52	37	76	43	45	25	12	15	7	9	6		2							358
50.25		1		12	31	60	135	107	171	86	97	56	29	28	10	9	8	3	3	1					1	848
49.25				24	27	108	180	117	175	96	84	40	24	14	11	12	5	5	1		1					924
48.25	2	1	6	38	72	184	310	192	279	116	106	44	27	12	3	6	3		1							1402
47.25		3	11	51	82	216	282	172	199	103	71	44	17	14	3	1	4		3							1276
46.25		7	11	67	123	298	316	218	178	82	56	24	8	6	1	5	3									1403
45.25		7	18	81	131	208	239	125	124	42	43	17	5	5	2											1047
44.25	1	9	26	76	95	168	174	92	73	30	14	6	1	1	3				1							770
43.25	2	10	16	57	55	110	93	48	30	12	7	2	3	1												446
42.25		8	13	37	38	64	64	27	18	9	5	1		1			1									286
41.25		7	11	13	19	25	26	11	11	5	2	1	1													132
40.25		4	3	9	12	14	9	3	2	2					1											59
39.25				3	5	4	4	1		1																18
38.25			1	2	1	1	3																			8
37.25			2		4	6	2	1																		15
36.25						3	1		1																	5
35.25			2	1																						3
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.436)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 1.234* Y + 3.529 / S.E. = 6.95
FOR Y ... MEAN = 47.08 S.D. = 2.72 ... REG EQ-- Y = 0.154* X + 37.592 / S.E. = 2.45



Back-Waist Length

Measure along spinal crease of back from base of neck to level of waist (top of hip bones).

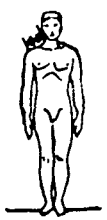
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =SHOULDER LENGTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
19.60								1	2		3		2		1	2										11
19.10						3	2	3	7	3	6	4		1												29
18.60				3	1	6	12	11	8	6	14	9	4	4		2	1	2								83
18.10				3	4	18	29	21	34	26	20	18	12	8	3	1	3	2	2							204
17.60			1	9	9	23	50	43	48	47	29	23	13	8	6	4	5	2	5	1					1	327
17.10			3	19	41	91	138	97	128	71	69	40	12	20	8	12	10	1	6		2					766
16.60			2	21	48	117	178	128	179	106	96	50	37	25	11	11	7	4	1							1021
16.10		5	13	62	103	245	380	266	327	139	153	70	28	28	14	10	6	1	1							1351
15.60		6	10	64	104	251	343	208	263	119	88	40	26	14	7	6	6									1555
15.10	1	15	34	138	189	400	481	273	280	103	72	33	15	10	4	7	1									2056
14.60	1	10	27	68	121	197	200	86	99	33	22	9	3	1	1	2										880
14.10	3	16	20	74	64	118	97	46	28	20	12	6				2										506
13.60		3	5	9	15	27	14	4	5	1	1	1					1									86
13.10		1	5	5	4	9	5	1	1			1														32
12.60				1	1																					2
12.10							1																			1
11.60		1				1																				2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.355)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.690* Y + 19.292 / S.E. = 7.21
FOR Y ... MEAN = 15.74 S.D. = 1.02 ... REQ EQ-- Y = 0.047* X + 12.843 */ S.E. = 0.95



Shoulder Length

Measure along top of right shoulder from junction of neck to level of waist (top of hip bones).

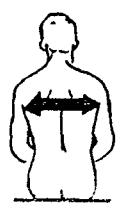
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =INTERSCYE BREADTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
52.25											1															1
51.25																1										1
50.25							1		1			1						1			1					5
49.25						2	2	2	2	1	1	1	1			1										13
48.25						1	3	1	1	4		3	1			2	1		2						1	20
47.25					1		3	3	7	3	7	7	1	5	2	1	6									46
46.25					1	3	9	11	17	12	8	10	6	3	2	4	3	2	2	1						94
45.25				1		6	13	16	27	15	17	15	3	7	5	5	8	1	1							140
44.25					2	13	42	44	59	37	28	29	12	10	3	4	2	2	3		1					291
43.25				2	13	50	82	73	116	58	66	33	19	22	4	5	6	3	1							553
42.25				3	20	63	119	122	171	75	65	35	22	18	11	9	5	1	2							741
41.25			3	17	29	96	172	122	175	81	76	30	20	16	8	5	2	2	3							857
40.25			3	38	82	233	331	194	228	113	106	59	30	16	11	11	1		1							1457
39.25		1	12	48	98	206	294	166	196	82	78	30	21	12	5	7	3									1259
38.25		5	16	52	104	230	256	128	150	83	52	17	8	6	2	3	1									1113
37.25	1	9	14	81	112	186	200	116	111	40	39	14	3	3	1	1	2									933
36.25	2	11	20	72	84	150	161	78	67	38	18	10	3													714
35.25		13	16	55	70	109	113	55	30	19	14	3		1	1											499
34.25		9	16	50	38	81	74	31	30	8	1	3	2													343
33.25	1	5	11	27	20	40	34	14	13	3	4	2														174
32.25	1		5	18	15	20	15	8	7	2	1	2														94
31.25		3	4	10	12	10	3	4	1		1															48
30.25		1		2	2	7	3				1															16
29.25					1																					1
28.25											1															1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.436)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.112* Y + 18.021 / S.E. = 6.94
FOR Y ... MEAN = 39.22 S.D. = 3.03 ... REQ EQ-- Y = 0.171* X + 28.678 / S.E. = 2.72



Interscye Breadth

Subject's arms are hanging down. Measure across back between armpit creases (scye points).

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =INTERSCYE MAXIMUM

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
72.50																	1		1						1	3
71.00																		1								1
69.50											3	1		1		1	3	2	2	1	1					15
68.00											1	1	5	5	1	5	6	1	1							26
66.50				1				2	1	3	5	12	5	13	4	9	5	2	4							66
65.00						1	1	2	11	6	13	20	9	14	11	6	2	1	4							101
63.50						3	8	19	33	29	41	25	20	17	10	7	7	1	2		1					223
62.00						8	26	31	86	56	60	42	28	19	8	10	9	2	1							386
60.50				1	13	41	124	122	198	109	116	63	34	31	12	12	4	2								882
59.00				6	28	77	166	166	217	116	103	49	20	7	6	5	2									968
57.50		2	2	21	64	198	319	238	324	136	108	42	18	7	2	3										1484
56.00		1	13	41	97	251	366	227	216	89	56	18	7		1		1									1384
54.50	1	4	10	74	139	283	413	179	144	63	31	13	3	1												1358
53.00		5	20	80	113	262	209	92	67	30	14	3														895
51.50		10	17	101	135	208	158	50	46	20	13	6	1	1		1										767
50.00	1	13	23	82	46	100	62	13	23	8	9	3	1	1												385
48.50	2	6	25	28	30	29	25	14	15	3	2	2	1	1												183
47.00	1	9	2	18	13	12	18	6	11	2	2	2														96
45.50		2	6	7	12	14	19	12	6	3		1														82
44.00		2	2	5	8	10	9	6	6		3			1												52
42.50		1		5	2	4	1	6	1	1	2	1														24
41.00				2	1	1		2			1															7
39.50		2		2	3	2	5	1	4		2															21
38.00				2		2	1																			5
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.578)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.066* Y + 1.960 / S.E. = 6.30
FOR Y ... MEAN = 55.98 S.D. = 4.19 ... REQ EQ-- Y = 0.314* X + 36.624 / S.E. = 3.42



Interscye Maximum

Subject's arms and hands are extended fully forward. Measure minimum distance across the back between the scye points.

*.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =SLEEVE INSEAM

Y /X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TOTALS
58.75																	1									1
57.75											1															1
56.75																										0
55.75							1		1																	2
54.75					1		1	2	2	1			1	1												9
53.75							1	2	6		3		3				1	2								18
52.75					2	2	9	3	11	5	3	8		1	2		1	1	2							50
51.75				2	6	8	13	18	36	20	16	16	8	2	6	5			1							157
50.75					3	16	28	20	26	15	16	16	7	8		3	3	2	1		1					165
49.75			3	13	19	86	140	107	155	109	96	46	19	20	5	8	9	1	2							838
48.75		1	5	25	42	145	216	138	197	111	102	40	25	16	13	10	7	1	1							1095
47.75			7	42	87	181	323	183	258	110	117	62	29	17	13	10	5	2	2		1				1	1450
46.75	2	7	17	77	114	246	317	213	234	107	76	45	27	19	5	11	5		3							1525
45.75	1	9	20	82	158	294	387	214	204	87	75	32	13	18	5	9	5	2	2	1						1618
44.75		12	24	89	105	231	242	142	145	54	47	17	13	10	3	3	3	1	1							1142
43.75	2	15	17	68	75	165	124	98	80	39	19	17	5	3	3											730
42.75		6	12	42	51	75	85	31	33	12	8	2	1	1												359
41.75		3	8	22	25	30	28	8	14	2	4	3	1	2												150
40.75		1	4	2	6	18	8	6	3	1	2															51
39.75		3	1	9	6	6	6	3	4	1																39
38.75			2	3	3	3	1							1												13
37.75					1																					1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.318)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.066* Y + 11.885 / S.E. = 7.32
FOR Y ... MEAN = 46.67 S.D. = 2.30 ... REQ EQ-- Y = 0.095* X + 40.810 / S.E. = 2.18



Sleeve Inseam

Subject's arms and fingers are straight and right arm is held away from the body at a 45-degree angle. Measure distance from front edge of right armpit to notch between thumb and wrist.

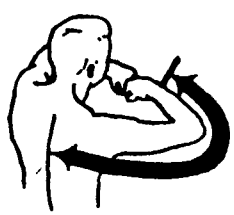
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =SLEEVE LENGTH (SPINE TO WRIST)

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
99.00											1															1
97.50											1															1
96.00													1	1				1								3
94.50											1	1						1								3
93.00									3	1	5	3	3		1	1	3	1	1		1					23
91.50						1	2		3	1	5	4	7	5	2	1	1	2								34
90.00					1	3	9	9	23	15	22	17	7	7	6	9	3	1	5							137
88.50			1		3	14	28	24	66	48	54	35	15	15	4	9	6		3	1						326
87.00				3	5	30	64	81	132	85	89	37	20	21	11	10	8	1	2							599
85.50				7	23	67	204	130	229	115	111	53	35	23	14	10	4	1	1		1				1	1029
84.00			3	16	50	144	263	204	276	123	117	58	24	22	10	9	12		2							1333
82.50			6	42	80	267	411	261	268	127	92	49	25	11	4	6	2	3	1							1655
81.00	1		7	46	87	225	319	191	170	57	38	26	13	8	1	4	1									1194
79.50		9	26	127	191	401	365	199	152	67	37	15	1	5				1								1596
78.00	1	12	26	108	142	181	150	57	57	23	8	5	1		1											772
76.50		16	27	62	61	109	69	22	21	7	4			1	1											400
75.00	2	10	13	34	32	37	29	5	8	4																174
73.50		7	10	21	21	18	12	4	1	1		1														96
72.00	1	3		7	2	7	2	1																		23
70.50			1	3	5	2	3																			14
69.00					1																					1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.535)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.180* Y - 35.302 / S.E. = 6.52
FOR Y ... MEAN = 82.15 S.D. = 3.50 ... REQ EQ-- Y = 0.243* X + 67.170 / S.E. = 2.96



Sleeve Length

Subject's upper arms are raised and pointing horizontally, forearms crooked at a 90-degree angle, and hands making fists. Place the two fists against each other in front, knuckles touching. Measure from spinal crease, over the right elbow, to right wrist (middle of styloid process).

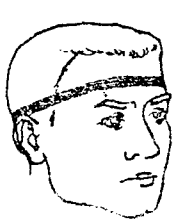
'....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HEAD CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
61.70														1					2							3
61.20									1					1			1									3
60.70											2	1	1	1						1						6
60.20							1		3		2	1	2			3	2		1							15
59.70							1	2	2	4	5	2		5	1	1	1		1							25
59.20						2	4	2	8	8	7	14	10	6	3	4	3	2	1							74
58.70					2	6	14	11	30	19	23	8	8	11	2	6	5	2	1						1	149
58.20			1		10	11	30	27	45	47	45	30	14	14	5	5	10	2								296
57.70				1	9	33	50	38	86	60	54	34	14	17	9	4	4		2							415
57.20		1	2	5	9	64	97	84	123	57	72	49	34	15	10	15	4	4	4		2					651
56.70			3	16	24	70	149	126	149	78	76	43	20	15	9	10	2									790
56.20		3	4	28	48	143	218	171	208	110	102	42	20	15	7	8	3	2	1							1133
55.70	2		4	32	65	153	229	150	207	92	87	37	16	7	4	3	3		2							1093
55.20		3	15	59	94	239	292	191	211	87	68	19	4	4	2		1									1289
54.70	1	2	11	50	105	209	278	144	131	48	25	15	3	4	2		1									1029
54.20		7	24	72	108	198	272	109	107	37	12	4	4	3	1											958
53.70		10	9	72	83	151	136	66	49	17	4	2														599
53.20		12	10	65	69	118	87	48	37	5	1	3	1													456
52.70		5	12	37	38	54	41	8	8	2																205
52.20	2	9	12	18	20	26	14	6	3	3																113
51.70		2	5	15	14	15	12	4	1				1													69
51.20		3	7	2	6	11	4																			33
50.70				4		2	1	1																		8
50.20			1			1																				2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.510)

FOR X ... MEAN = 51.63 S.D. = 7.72 ... REG EQ-- X = 2.525* Y - 77.984 / S.E. = 6.64
FOR Y ... MEAN = 55.29 S.D. = 1.56 ... REG EQ-- Y = 0.103* X + 48.945 / S.E. = 1.34



Head

Measure maximum circumference at forehead, above ears.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =NECK CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
45.25															1											1
44.25															1	2	2	2	2						1	10
43.25													1	3	1	1	2		2		1					11
42.25											4	3	2	11	5	5	10	3	6	1	1					51
41.25									1	5	13	14	17	19	6	10	16	5	3							109
40.25						1		11	29	26	42	49	33	34	21	21	6	2	2							277
39.25				1		8	28	35	86	80	116	79	49	27	12	15	4									540
38.25					10	28	109	158	242	146	160	83	31	18	6	4										995
37.25			2	12	31	138	328	304	415	188	156	53	14	6	2											1649
36.25		1	2	41	119	351	619	367	395	163	70	19	5	1												2153
35.25		4	11	97	234	485	558	231	192	62	21	3				1										1899
34.25		14	31	177	216	362	232	76	47	4	2	1														1162
33.25	2	15	45	114	79	117	49	5	2																	428
32.25	1	14	24	28	13	14	6				1															101
31.25	1	8	5	5	2	2	1	1																		25
30.25	1	1		1																						3
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.747)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.098* Y - 50.955 / S.E. = 5.13
FOR Y ... MEAN = 36.34 S.D. = 1.86 ... REQ EQ-- Y = 0.180* X + 25.248 / S.E. = 1.24



Neck

Measure circumference just below top of Adams's apple.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =SHOULDER CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
147.00																									1	1
144.50																										0
142.00																1	1	1								3
139.50																		2	1							3
137.00																1	1		1		1					4
134.50													1	1	1	2	2		4							11
132.00												1		3	3	3	9	3	2	1						25
129.50												3	2	8	5	7	14	2	5		1					47
127.00									1		4	11	7	20	11	16	5	4	2							81
124.50								1		2	11	14	22	26	15	11	5									107
122.00								1	4	11	30	47	34	31	13	11	3									185
119.50						1	7	3	29	27	76	60	37	19	4	6										269
117.00						4	7	26	84	70	127	71	30	7	3											429
114.50						12	33	67	171	167	149	58	17	4		1										679
112.00			1	4	7	30	160	233	456	231	133	28	1													1284
109.50				3	21	115	446	406	398	134	45	11														1579
107.00		1	2	20	78	393	671	326	218	28	10															1747
104.50		1	5	71	197	494	460	98	36	3			1													1366
102.00		4	22	154	265	374	123	24	12	1																979
99.50		6	39	160	116	72	20	3																		416
97.00		21	34	55	19	9	2																			140
94.50	2	13	15	8	1	2	1																			42
92.00	2	11	2	1																						16
89.50	1																									1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.869)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 1.064* Y - 54.274 / S.E. = 3.81
FOR Y ... MEAN = 108.93 S.D. = 6.31 ... REG EQ-- Y = 0.710* X + 65.176 / S.E. = 3.12

2
40
1
41
2
41
1
42
2
42
1
43
2
43
1



Shoulder

Measure circumference of upper body, over bulges of upper arm muscles.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CHEST CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	116 .00	TOTALS
124.00																									1	1	1
121.50																		1	1								2
119.00																											0
116.50																	1	1									2
114.00																1	3	1	1		1						7
111.50														2	1	3	3	1	4		1						15
109.00												2	3	7	5	7	12	3	5	1							45
106.50											1	7	9	13	12	18	13	5	4								82
104.00									2	4	13	20	15	26	15	11	5										111
101.50						1	1		4	8	25	52	26	20	8	11	3										159
99.00						2	3	10	40	40	107	75	53	44	13	6											393
96.50				1	2	6	29	58	143	127	162	72	33	5	1	1											640
94.00				3	3	34	132	187	433	259	166	57	12	2		1											1289
91.50			1	1	25	110	399	371	431	170	92	16	1														1617
89.00			1	23	93	426	756	415	281	53	18	2															2068
86.50		4	12	83	245	509	432	122	61	10	1	1															1480
84.00		4	28	193	227	340	140	19	12	2																	965
81.50	1	15	43	117	91	74	34	5	2																		382
79.00	2	18	26	48	17	3	4	1		1																	120
76.50	2	12	9	7	1	1																					32
74.00		4																									4
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1		9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.849)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 1.201* Y - 46.905 / S.E. = 4.08
FOR Y ... MEAN = 90.37 S.D. = 5.46 ... REG EQ-- Y = 0.600* X + 53.393 / S.E. = 2.88



Chest

Subject is breathing normally. Measure chest circumference at nipple level.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =WAIST CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
114.50																									1	1
112.00																										0
109.50																	2		2							4
107.00																1	1	2	3	1	1					9
104.50															2	2	4	2	2		1					13
102.00													1	5	2	9	8	2	3							30
99.50												5	5	4	13	8	7	2	3							47
97.00											4	12	10	14	8	14	11	2	1							76
94.50								1		4	13	18	14	19	12	8	3		1							93
92.00								2	4	5	30	27	24	26	5	10	3	1								137
89.50							4	10	21	33	33	43	26	16	5	5	1	1								198
87.00						5	11	14	53	63	84	54	31	19	6	1										341
84.50					4	6	35	59	142	133	129	55	19	12	1	1										596
82.00			1		2	30	120	158	282	169	142	53	17	3	1											978
79.50				3	17	101	279	258	363	146	88	20	2													1277
77.00			2	21	55	261	497	345	308	82	50	13	3	1												1638
74.50		1	6	43	119	373	482	196	163	26	8	3														1420
72.00		1	11	113	208	425	356	103	62	7	3															1289
69.50		9	30	146	189	227	117	36	10	5	1	1														771
67.00	1	23	40	108	86	62	25	6	1	1																353
64.50	1	15	24	32	21	15	3																			111
62.00	3	8	4	9	3	1	1																			29
59.50			2	1																						3
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.820)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 0.942* Y - 11.407 / S.E. = 4.42
FOR Y ... MEAN = 77.53 S.D. = 6.71 ... REG EQ-- Y = 0.713* X + 33.592 / S.E. = 3.85



Waist

Circumference at level of navel with abdomen relaxed. Place tape around waist with abdomen "sucked in". Ask subject to relax ("let it out") and loosen tape as abdomen is relaxed. Read circumference when fully relaxed.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HIP CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
124.25																									1	1
122.25																										0
120.25																										0
118.25																										0
116.25																										0
114.25																			2							2
112.25																	2	1	3	1	1					8
110.25															1		3	1	4		1					10
108.25															3	3	7	1	2							16
106.25													1	6	10	17	12	5	4							55
104.25												4	8	18	22	20	10	3								85
102.25									1	1	5	25	28	49	13	15	6	1								144
100.25									2	10	60	83	62	29	5	3										254
98.25						1	2	10	42	88	176	113	40	16	1	1										490
96.25					1		9	45	219	219	216	59	11	1												780
94.25				1	2	10	109	237	511	237	102	10	2													1221
92.25					4	93	484	474	438	99	18	8														1618
90.25				5	38	350	783	340	167	12	5	2														1702
88.25			4	37	188	612	435	69	18	5	2															1370
86.25			7	148	295	348	91	9	7	3	1															909
84.25		5	45	192	142	84	10	3	4																	485
82.25		20	50	78	33	7	2	1																		191
80.25	2	26	12	14	1	1	5																			61
78.25	1	6	2	1																						10
76.25	2																									2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.910)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.466* Y - 72.700 / S.E. = 3.20
FOR Y ... MEAN = 91.63 S.D. = 4.79 ... REQ EQ-- Y = 0.565* X + 56.810 / S.E. = 1.98



Hip

Measure circumference around hips at level of greatest buttock protrusion.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =VERTICAL TRUNCK CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
194.25																		1							1	2
191.25																										0
188.25																	1		1							2
185.25													1			1	1		3							6
182.25											1				1	1	5		2		1					11
179.25									1		1		1	3		2	8	3	3							22
176.25								1			2	1		9	6	10	9	1	3	1	1					44
173.25									5	4	7	9	16	17	14	11	8	6	2							99
170.25							2	4	9	11	22	36	25	31	11	20	5		1							177
167.25						3	11	13	33	38	81	64	52	33	16	10	2	1								357
164.25					1	7	30	44	113	100	130	79	34	17	3	4	1									563
161.25				1	3	25	96	138	278	188	153	73	15	8	3											981
158.25				6	16	76	250	202	353	171	126	35	7	1	1											1244
155.25				11	33	210	457	341	349	120	47	5	1													1574
152.25				35	116	338	533	296	197	34	11	2														1562
149.25		2	11	86	180	437	390	111	53	6	4															1280
146.25		8	24	132	180	285	129	28	12	1																799
143.25	1	15	35	131	122	95	20	3	2																	424
140.25	3	14	30	53	46	20	3	2	1	1																173
137.25		11	17	18	4	4	4	3	3																	64
134.25	1	5	3	3		3	4	2																		21
131.25		2			3	3	1																			9
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.808)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 0.839* Y - 68.246 / S.E. = 4.55
FOR Y ... MEAN = 154.80 S.D. = 7.43 ... REG EQ-- Y = 0.778* X +106.851 / S.E. = 4.38



Vertical Trunk

Measure vertical circumference through the crotch, over the right buttock, and over the midpoint of the right shoulder.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =ARMSCYE CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
58.50													1												1	2
57.00												1	2		1	2	4	1	1							11
55.50								1			1	1	2	4	1		1		6	1						18
54.00							1	1	2	2	5	3	12	3	4	10	6	4	1		1					55
52.50							2	1	6	5	8	10	7	6	1	2	4	4	1							57
51.00				1		4	3	12	21	16	33	27	17	29	11	18	8	2	3		1					206
49.50					2	3	12	14	23	30	37	20	15	21	9	8	3		1							198
48.00			2	1	6	13	46	53	93	70	92	56	38	20	9	11	8	1								519
46.50				3	3	20	66	83	112	76	87	54	24	12	13	5	3		1							562
45.00		1	3	9	36	112	251	215	349	189	168	72	21	16	5	1	1									1449
43.50			1	19	41	154	326	214	283	105	72	26	7	5		1	1									1255
42.00	1	4	12	92	181	522	734	405	368	136	63	31	6	3	1	1										2560
40.50		7	11	96	163	289	245	104	88	26	17	1														1047
39.00		18	46	140	189	299	207	73	52	18	1	1					1									1045
37.50	1	10	23	78	42	60	28	7	3	1																253
36.00	2	14	19	32	36	26	7	2	3		1															142
34.50	1	3	2	2	4	3	1		3			1														20
33.00				3	1	1		3	2																	10
31.50			1				1		1																	3
30.00																										
TOTAL$	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = . 0.672)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ— X = 1.534* Y - 2.104 / S.E. = 5.71
FOR Y ... MEAN = 41.55 S.D. = 3.38 ... REG EQ— Y = 0.295* X + 23.367 / S.E. = 2.50



Armscye

Subject's right arm is hanging straight down. Measure vertical circumference with tape as high as possible under right armpit and passing over acromion (knob on top of outside edge of right shoulder).

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =UPPER ARM CIRCUMFERENCE, RELAXED

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
38.25																1										1
37.25																					1					1
36.25														1	1	1	1								1	5
35.25													1	2	3	1	1	1	3							12
34.25								1			2	2	2	4		1	5	2	5							24
33.25									4	2	5	7	5	12	3	13	7	2	1		1					62
32.25								1	4	6	10	14	16	10	13	12	14	3	4	1						108
31.25							2	2	11	8	33	27	19	29	13	9	7	2	2							164
30.25						1	12	10	43	31	73	57	40	21	14	12	3	1								318
29.25				1	1	4	27	47	84	92	98	59	33	26	6	6	2									486
28.25					4	38	85	124	202	133	125	64	18	11	2	3										809
27.25				9	18	97	282	251	357	178	131	38	12													1373
26.25			2	20	70	229	451	328	345	137	74	28	5	2												1691
25.25			8	77	159	405	541	253	242	61	26	6	1	1				1								1781
24.25		6	24	135	209	403	369	130	98	21	6	2														1403
23.25		13	30	113	155	243	132	34	17	5	1															743
22.25		20	31	94	73	71	26	7	2		1															325
21.25	3	11	18	23	14	10	2																			81
20.25	1	6	7	4	1	5	1																			25
19.25	1																									1
18.25		1																								1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.757)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 2.539* Y - 4.552 / S.E. = 5.04
FOR Y ... MEAN = 26.07 S.D. = 2.30 ... REG EQ-- Y = 0.226* X + 12.138 / S.E. = 1.50



Upper Arm

Measure circumference of right upper arm midway between shoulder and elbow with biceps relaxed.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =BICEPS CIRCUMFERENCE, FLEXED

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
40.75																1									1	2
39.75														1				1			1					3
38.75														2	2	2	1		4							11
37.75									1		1	2	1	2	2	1	4	2	3							19
36.75								1		1	4	3	3	6		2	5	2	4							31
35.75								1	2	3	7	15	6	12	8	14	11	3	1	1	1					85
34.75							1		8	8	14	10	14	22	11	11	10		1							110
33.75							4	3	12	12	33	25	31	17	16	9	5	2	1							170
32.75						2	6	16	44	41	64	57	26	20	8	8	3									295
31.75					1	6	21	50	81	64	95	55	35	16	5	6	1									436
30.75					4	29	92	119	200	141	125	65	14	15	2	5		1								812
29.75				6	13	93	233	225	327	161	136	37	16	4	1			1								1253
28.75		1		15	60	185	389	290	308	134	69	24	4	1					1							1481
27.75			6	58	128	341	536	270	263	73	23	8	1	1												1708
26.75		2	15	95	191	388	393	139	117	22	10	2	1													1375
25.75		9	32	141	164	315	181	60	40	12	3	1														958
24.75		21	21	101	100	110	69	13	4	2	1															442
23.75	2	10	28	47	35	31	4	1	2																	160
22.75		8	15	8	8	6	1																			46
21.75	2	4	3	5																						14
20.75	1	2																								3
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.755)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 2.319* Y - 4.791 / S.E. = 5.06
FOR Y ... MEAN = 28.64 S.D. = 2.51 ... REG EQ-- Y = 0.246* X + 13.481 / S.E. = 1.65



Biceps

Measure circumference on right arm with biceps flexed and hand making a fist.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =FOREARM CIRCUMFERENCE, FLEXED

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
33.85															1	2	2		2		1				1	9
32.85											2		1	6	1	2	2	1	2							17
31.85										1	6	8	4	6	6	10	6	6	3							56
30.85						1	1	9	6	7	24	16	23	22	10	13	16	2	4	1						155
29.85				1			3	21	61	54	72	69	40	27	17	13	9	3	2		1					393
28.85					2	15	57	94	183	143	140	84	42	23	14	12	4		1							814
27.85				9	19	69	265	243	353	199	178	63	24	25	3	5	1		1							1457
26.85			2	23	73	301	514	367	400	158	94	35	12	6	3	2										1990
25.85		1	13	70	153	414	551	253	259	67	52	23	4	4												1864
24.85	1	9	28	143	237	400	357	140	117	35	15	6	1													1489
23.85		25	35	136	147	208	141	51	28	9	2		1													783
22.85	2	10	18	72	55	84	39	8	2	1																291
21.85	1	4	17	16	17	11	2	2																		70
20.85	1	6	7	4	1	3																				22
19.85		2		2																						4
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.698)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.842* Y - 13.706 / S.E. = 5.52
FOR Y ... MEAN = 26.51 S.D. = 1.90 ... REQ EQ-- Y = 0.172* X + 15.908 / S.E. = 1.36



Forearm

Measure maximum circumference around right forearm with muscle flexed and hand making a fist.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =WRIST CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
20.40																1										1
20.10								1				2	1			1	1	1	4							11
19.80																										0
19.50											3	1		3	2		1	1	2		1					14
19.20									1	1		2	2	1			2	2							1	12
18.90							4	5	16	9	30	19	15	13	9	12	7	1	3	1	1					145
18.60					1		1	8	19	15	23	13	8	15	6	9	12		1							131
18.30							1	4	17	15	17	6	3	4	6	5			1							79
18.00				2	3	22	81	105	183	118	130	96	46	40	13	13	9	4	3							868
17.70				1	2	4	24	22	37	25	27	14	6	5	2	2	1									172
17.40				2	5	22	99	108	149	92	84	46	20	11	5	5	4									652
17.10			3	20	55	261	512	379	461	230	172	64	34	22	9	5	1	2	1							2231
16.80			1	4	11	58	104	60	81	27	15	9	2		2	2										376
16.50			3	52	78	241	326	183	192	72	37	16	11	1		2										1214
16.20			1	19	37	97	136	68	56	15	15	1	2	3	1											451
15.90	1	8	21	128	256	468	448	187	161	42	29	12	2	1		2	2	1								1769
15.60		6	20	72	112	162	105	35	23	8	3	1														547
15.30		3	8	53	46	54	41	7	8	3																223
15.00	1	24	36	91	71	92	43	16	3	2		1														380
14.70	1	2	4	8	11	12																				38
14.40	2	5	11	18	7	9	4		2			1														59
14.10		9	9	5	9	4	1																			37
13.80																										0
13.50			3	1																						4
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.648)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ— X = 5.402* Y - 28.418 / S.E. = 5.88
FOR Y ... MEAN = 16.67 S.D. = 0.93 ... REQ EQ— Y = 0.078* X + 11.862 / S.E. = 0.70

2
11
1
12
2
12
1
13
2
13
1
14
2
14
1
17
2
17
1
18



Wrist

Measure circumference of right wrist above protrusion of the wristbone.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HAND CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
25.95													1													1
25.55																										0
25.15											2			1			1		1							5
24.75																										0
24.35									1	2	3	3	1		1			1	1							13
23.95							4	3	8	8	15	14	8	6		5	3	2	5						1	82
23.55						2	4	4	13	10	5	7	5	3		5	3	2								63
23.15					3	8	47	68	102	70	91	33	15	23	15	8	4	2	3	1	1					494
22.75						2	8	9	7	6	14	5	3		1			1								56
22.35				2	10	33	76	63	126	66	62	47	15	13	8	10	8	2	1							542
21.95			3	12	45	154	321	257	342	183	139	73	40	23	11	15	12	1			1					1632
21.55			5	19	35	134	189	149	182	75	66	35	16	14	6	5	2		3							935
21.15	1	5	11	104	179	456	597	325	334	152	99	43	26	19	8	5	5									2369
20.75		1	3	10	26	65	98	46	59	11	13	4	3	1	3	1										344
20.35		5	12	62	108	201	231	123	104	37	42	16	9	7		1	2									960
19.95	1	12	34	123	170	287	241	100	99	34	22	15	8	7	1	4			1							1159
19.55		8	13	68	64	81	51	19	17	8	6	5	1	2												343
19.15	2	12	22	51	40	61	44	18	12	8	6	3	1		1			1								282
18.75		3	3	6	9	8	2			2																33
18.35		7	10	7	9	9	13	3	3	1																62
17.95		2	4	10	5	5	4	1		1		1														33
17.55				1	1																					2
17.15	1	2		1																						4
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.485)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.523* Y - 12.826 / S.E. = 6.75
FOR Y ... MEAN = 21.13 S.D. = 1.06 ... REQ EQ-- Y = 0.067* X + 17.005 / S.E. = 0.93



Hand

Measure circumference of right hand around base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CROTCH-THIGH CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
72.50																									1	1
71.00																										0
69.50																1	2	1	2							6
68.00															1	1	6		3		1					12
66.50										1			3	6		6	3	2	3		1					25
65.00								1			1	1	1	3	2	6	9	2	1							27
63.50								1	1	2	5	6	18	13	16	10	8	3	6	1						90
62.00									4	2	13	13	12	17	11	15	5	3								95
60.50						1	10	6	17	40	51	66	34	34	14	11	3	1								288
59.00				1	2	5	9	16	41	31	57	44	20	19	5	3	2									255
57.50				1	6	6	29	54	177	142	188	80	35	18	5	3	1									745
56.00				4	2	13	46	74	175	101	96	40	17	4		3										575
54.50		1		2	12	64	259	307	409	220	114	37	8	4	1											1438
53.00				3	6	101	291	239	240	61	34	9														984
51.50		1	2	24	61	371	616	306	225	58	17	5	2	1			1									1690
50.00		1	3	46	132	371	354	113	78	10	3	1	2													1114
48.50		2	15	137	253	370	226	50	26	5	2	1														1087
47.00		5	20	95	133	130	53	11	1		2	1														451
45.50	1	23	43	126	77	62	21	5	8	1	1															368
44.00		13	23	27	14	6	2	3	4		1															93
42.50	1	8	10	7	4	4	6	1	1																	42
41.00		2	3	2	2	1	6	1	1																	18
39.50	2	1	1	1		1	1		1																	8
38.00	1																									1
TOTALS	5	57	120	476	704	1506	1929	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.805)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 1.485* Y - 16.425 / S.E. = 4.58
FOR Y ... MEAN = 52.56 S.D. = 4.18 ... REG EQ-- Y = 0.436* X + 25.692 / S.E. = 2.48



Crotch-Thigh

Measure circumference of right thigh just below buttock crease.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =LOWER THIGH CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
48.75													1					1								2
47.75								1								1		1	1							4
46.75											1		1		2	3	2	1							1	11
45.75									1			2	1	2		2	3	1	4		1					17
44.75						1	3				2		1	2	5	3	6	1	3		1					28
43.75								1	2		3	6	5	5	4	11	9	3	3							52
42.75				1		2	2	1	6	4	7	12	15	13	6	10	7	2	4	1						93
41.75				1	1	2	3	6	9	17	37	36	38	30	13	11	7	2								213
40.75				1	1	4	9	10	48	40	98	63	31	29	15	13	3									365
39.75				1	3	8	29	43	121	122	131	71	27	20	8	3	2									589
38.75				2	3	23	77	126	262	169	136	61	20	10	2	2										893
37.75			3	5	6	55	226	266	375	178	108	37	11	3												1273
36.75			1	11	31	202	416	326	275	93	44	10	1	4												1414
35.75		1	2	35	85	327	529	230	198	35	12	4														1458
34.75			6	60	170	441	369	133	86	11	3	1														1280
33.75		5	12	113	199	296	206	31	16	3	1			1												883
32.75		6	24	123	145	110	46	12	4		1	1					1									473
31.75		19	37	80	44	30	13	1	3																	227
30.75	1	15	23	33	13	2	1	1	2	2																93
29.75	2	8	11	8	3	3			1		1															37
28.75	1	1					1																			3
27.75		2	1	2																						5
26.75	1																									1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.788)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.309* Y - 23.100 / S.E. = 4.75
FOR Y ... MEAN = 36.70 S.D. = 2.63 ... REQ EQ-- Y = 0.269* X + 20.117 / S.E. = 1.62



Lower Thigh

Measure circumference of right thigh just above kneecap.

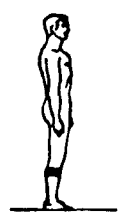
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CALF CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
44.25																	1		1		1					3
43.25																	1	1	2							4
42.25													1	1	1	5	4	1	4						1	18
41.25												1		3	2	3	5	1	2		1					18
40.25								1	1	2	5	6	8	10	9	13	9	3	3	1						71
39.25								1	2	6	21	17	17	10	9	13	8	5	3							112
38.25							2	4	21	22	57	44	31	39	10	5	5	1								241
37.25			2	1			14	24	80	72	107	74	42	29	15	14	6									480
36.25				1	2	13	53	80	176	152	164	77	33	19	9	2										781
35.25				2	11	52	191	221	379	182	129	54	15	5		3										1244
34.25			1	12	45	182	445	366	411	155	69	22	4													1712
33.25		1	3	37	97	375	549	271	211	60	25	8	1	2												1640
32.25		1	7	85	189	438	420	171	105	16	7	1		1												1441
31.25		7	23	156	205	308	191	33	16	4	1					1										945
30.25		19	41	119	128	117	62	15	7	3																511
29.25	2	20	31	52	24	20	1																			150
28.25	2	2	10	9	3	1	1	1																		29
27.25	1	5	2	2			1										1									12
26.25		2																								2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.787)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 2.682* Y - 28.929 / S.E. = 4.77
FOR Y ... MEAN = 33.77 S.D. = 2.26 ... REG EQ-- Y = 0.231* X + 19.529 / S.E. = 1.40



Calf

Measure on right leg at point of greatest calf circumference.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =ANKLE CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
27.15														1												1
26.75																										0
26.35															1	1										2
25.95											1		1				1	1	2						1	7
25.55									1	1				1	2	1			1		1					8
25.15									3	1	6	5	4	4	1	6	4	2	3		1					40
24.75							1				1	2	3		1	1	1	1								11
24.35				1			3		5	8	9	4	6	3	4	7	4	2	2							58
23.95				1		3	6	10	36	27	45	26	13	19	6	14	12	3	4							225
23.55					1	2	5	8	30	17	40	17	12	15	6	5	7		1	1						167
23.15				1		15	76	86	147	100	143	80	35	30	13	12	8	1	2							749
22.75			1	1	1	7	23	21	41	30	24	16	11	4	3	1										184
22.35				1	8	45	82	87	174	90	79	46	18	20	10	7	1	1								669
21.95			1	16	36	151	363	294	341	169	124	69	27	13	6	4	1									1615
21.55			1	15	36	108	207	180	203	82	41	14	13	6	1			1								908
21.15		2	5	61	142	449	547	296	278	98	51	23	9	2	1		1									1965
20.75		2	2	24	39	104	125	55	37	18	10															416
20.35		3	12	59	139	205	225	80	75	22	8	2		1												831
19.95		14	34	143	188	307	218	61	34	9	3															1011
19.55	1	9	16	71	52	55	31	5	3																	243
19.15	2	13	27	57	48	49	15	4	1	2																218
18.75		2	5	5	6	5	2	1																		26
18.35	1	6	11	13	5	1	1																			38
17.95	1	5	3	7	2																					18
17.55		1	2		1																					4
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.675)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 4.364* Y - 31.794 / S.E. = 5.70
FOR Y ... MEAN = 21.41 S.D. = 1.19 ... REQ EQ-- Y = 0.104* X + 14.998 / S.E. = 0.88



Ankle

Measure on right leg at point of least circumference above ankle bone.

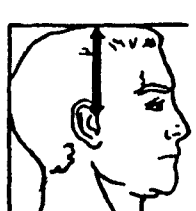
...A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HEAD HEIGHT (TRAGION-TO-VERTEX)

Y /X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TOTALS
15.60									1								1									2
15.30									1			1								1						3
15.00					1			3		2	2	2		1												11
14.70						4	8	2	6	5	3	3			1			1	1							34
14.40				3	6	10	17	15	23	11	22	2	4	1	2	3	3		2		1				1	126
14.10				8	11	30	51	34	48	31	23	15	12	10	5	6	2	1	2							289
13.80			6	13	26	55	72	58	84	53	40	17	17	10	2	10	5	1	2		1					472
13.50		2	7	32	38	135	163	116	164	85	66	50	16	16	6	9	10	1	2							918
13.20		4	17	46	90	188	263	172	213	77	79	38	22	18	9	13	5	3	1							1258
12.90		3	17	65	108	249	348	171	225	106	107	45	22	22	8	6	4	1	1							1508
12.60		8	22	83	112	262	326	194	224	110	89	46	24	17	10	7	5	2	3							1544
12.30	2	13	16	68	97	211	260	166	176	80	77	34	17	11	7	2	3	1	1							1242
12.00	2	11	14	52	95	124	179	110	103	40	34	18	5	5	2	3	1									798
11.70		8	7	39	57	104	112	68	58	34	18	18	6	3	1			1								534
11.40		4	6	30	34	62	71	49	46	17	12	10	3	1			1									346
11.10		3	7	22	17	43	35	16	22	11	7	1	2	3	2											191
10.80				4	6	18	13	7	6	4	6	3	2													69
10.50	1	1	1	7	2	9	9	5	6	7				1												49
10.20				3	3	1	3	2	2			1														15
9.90				1	1	1			1	1																5
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.201)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 2.033* Y + 35.783 / S.E. = 7.56
FOR Y ... MEAN = 12.71 S.D. = 0.76 ... REG EQ-- Y = 0.020* X + 11.481 / S.E. = 0.75



Head Height

Measure vertical distance from notch in front of right ear (tragion) to top of head with large sliding caliper.

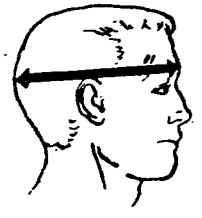
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HEAD LENGTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
21.35										1		2														3
20.95				1			1	1	5	5	4					1										18
20.55			1			5	10	13	14	8	11	5	5	3		3	3	1	1							83
20.15			1	3	11	35	54	40	62	30	34	26	13	14	2	3	7	1	3							339
19.75	1	3	3	13	33	88	121	105	165	89	83	40	25	20	10	8	9	3	3	1						523
19.35		1	11	47	84	209	284	218	271	144	143	73	36	30	14	14	9	3	1		1				1	1594
18.95	1	4	22	73	124	321	429	258	323	138	128	67	30	18	12	14	7	4	2		1					1976
18.55	1	12	22	118	164	317	424	231	232	115	94	46	23	21	10	11	5									1646
18.15		13	22	100	131	247	292	163	195	75	57	26	11	8	5	4			4							1355
17.75	1	13	17	60	71	127	178	72	90	44	22	13	5	2	2	1			1							719
17.35	1	7	10	35	51	99	101	64	43	19	7	5	4	2												446
16.95		3	9	18	22	37	29	22	8	6	2	1														157
16.55		1	2	7	13	18	7	1	1					1												51
16.15				1		3																				4
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.287)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 2.939* Y + 6.568 / S.E. = 7.39
FOR Y ... MEAN = 18.74 S.D. = 0.75 ... REG EQ-- Y = 0.028* X + 17.009 / S.E. = 0.72



Head Length

Measure maximum length of the head from slightly above the eyes on the forehead to the back of the head with the spreading caliper.

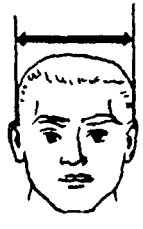
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HEAD BREADTH

Y /X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TOTALS
17.35							1				1	1		1												4
17.15								1	3					2					1							7
16.95							1	1	4	4	3	2	1	1	1											18
16.75					1	3	3	2	4	1		3		1												18
16.55				1	3	6	13	6	9	9	7	2	2	1	1	2	1									63
16.35				3	2	9	15	12	23	10	9	4	7	1	1	1				1						98
16.15			1	4	10	24	36	24	36	24	23	12	3	6	1	5	1		1							211
15.95				6	14	46	58	37	41	30	22	17	10	12	4	9	3	1	2						1	315
15.75		2	4	19	20	61	97	65	71	50	43	30	14	8	5	1	1	3	4		1					499
15.55		1	8	14	49	86	133	89	113	60	45	39	13	11	4	10	9	3	1							688
15.35			6	23	32	87	146	94	96	68	63	23	16	15	6	2	4	2	1							684
15.15		3	7	30	52	123	164	93	132	65	71	29	18	12	8	7	5	1	1							821
14.95	1	2	8	39	64	154	214	159	166	82	71	37	19	13	7	8	3	1	1		1					1050
14.75	1	6	12	60	84	182	229	136	170	88	67	30	14	10	5	6	4	1	2							1107
14.55		7	14	67	83	205	260	159	199	56	65	35	16	16	5	3	9		1							1200
14.35	1	9	11	49	81	178	200	96	134	57	47	19	10	5	4	2										903
14.15	1	9	12	46	76	145	155	109	104	30	22	10	6	3	1	1										730
13.95		6	15	42	64	83	100	58	60	21	14	8	2	1		1										475
13.75		7	9	38	40	68	52	26	27	9	9	2	1		2	1										291
13.55	1	3	9	24	16	31	34	15	10	6	2															151
13.35		1	1	6	10	9	7	3	2	1																40
13.15			3	4	1	4	5	2	3	3		1														25
12.95				1	2	2	3		1		1															10
12.75		1					2		1																	4
12.55							2	1																		3
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.259)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 2.975* Y + 17.416 / S.E. = 7.45
FOR Y ... MEAN = 14.86 S.D. = 0.67 ... REG EQ-- Y = 0.022* X + 13.506 / S.E. = 0.65



Head Breadth

Measure, from behind subject, maximum breadth of head (usually above and behind the ears) with the spreading caliper.

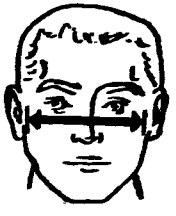
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =FACE BREADTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
14.90								1																		1
14.60									2	1																3
14.30										1			1	2					1							5
14.00						1		5	7	6	2	1	1	1	1	1		2								28
13.70					1	3	9	11	15	15	17	7	6	7	3		2		1							97
13.40				1	7	13	29	31	43	29	44	22	10	14	8	5	5	3	3							267
13.10				9	13	49	92	67	123	70	73	43	22	17	4	8	4								1	595
12.80		2	1	14	31	91	170	129	162	95	87	42	22	13	16	9	6	3	3							896
12.50	1	1	5	33	54	178	310	217	294	129	128	70	33	25	4	13	11	1	3		2					1512
12.20			6	60	110	268	360	235	272	115	97	50	20	21	11	8	7	1	2							1643
11.90		10	29	96	152	335	392	206	249	109	69	36	21	8	3	6	3		2	1						1727
11.60		15	31	104	132	281	310	160	134	60	41	25	10	9	4	5	1	2								1324
11.30		12	17	71	112	166	137	67	67	30	17	7	4	1		3	1									712
11.00	3	10	18	60	58	87	87	40	30	10	8	1	2	1	1	1										417
10.70	1	5	11	21	26	25	23	9	7	4	1															133
10.40		2	2	6	7	8	9	8	3		1															46
10.10				1	1	1	2	2	1																	8
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.388)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ— X = 4.676* Y + 4.917 / S.E. = 7.11
FOR Y ... MEAN = 12.13 S.D. = 0.64 ... REG EQ— Y = 0.032* X + 10.156 / S.E. = 0.59



Face Breadth

Measure maximum breadth between the cheekbone bulges with the spreading caliper.

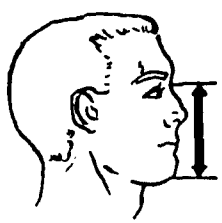
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =FOOT LENGTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
32.20											1															1
31.70																										0
31.20												1			1											2
30.70																	1									1
30.20							1				3		1				1									6
29.70								2	6	7	4	4	5	1	2	4	1	2	2							40
29.20					1	3	4	11	11	9	11	10	7	2	1	4	4		1							79
28.70						8	17	14	31	16	28	24	5	13	2	2	2	1	1							164
28.20					3	7	38	34	67	52	60	29	15	7	1	5	4	2	1							325
27.70			1	3	12	46	100	92	140	90	80	50	21	23	5	7	3	1	4							678
27.20			5	9	16	107	195	169	214	125	102	44	25	22	13	18	7	2	1	1	1					1076
26.70		2	5	32	65	191	306	188	268	113	105	52	28	12	11	9	5	1	4						1	1398
26.20			7	55	128	244	371	237	267	117	77	40	19	16	8	5	4	1	1		1					1598
25.70		4	10	78	117	300	369	192	219	80	52	33	14	15	7	2	4									1496
25.20	1	10	18	90	138	253	250	136	96	40	38	9	11	7	2	1	4	1								1105
24.70	1	15	26	88	107	191	147	70	53	16	16	7			1	1		1								740
24.20	2	11	16	65	70	93	101	32	27	7	6	1	1	1	1											434
23.70	1	7	18	34	32	42	26	9	6	2	1					1										179
23.20		4	8	16	12	19	4	2	2		1															68
22.70		4	4	4	3	2	1		2																	20
22.20			2	1																						3
21.70				1																						1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.465)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.987* Y - 15.986 / S.E. = 6.83
FOR Y ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ-- Y = 0.072* X + 21.547 / S.E. = 1.06



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =FOOT BREADTH

Y /X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TOTALS
12.45								2	5	2	2	2	2													15
12.25								1																		1
12.05					1	4	11	12	29	14	13	14	8	6		2	1									115
11.85									1																	1
11.65									2		1	1														4
11.45				8	14	22	80	55	103	55	66	27	11	17	5	8	5	2	3		1					432
11.25						1	2	2	1		1		1	1	1											10
11.05		1	4	14	56	146	294	223	289	167	150	79	43	32	15	17	12	3	3	1					1	1550
10.85					1	2		1	1		1															6
10.65				2	1	3	2	5	4	6	3	2	1													29
10.45	1	3	15	75	131	401	589	391	465	213	174	99	43	35	20	20	17	5	6							2703
10.25				1	4	5	5	6	1		2			1												25
10.05	1	8	42	150	231	530	604	326	355	167	135	60	32	24	10	10	3	2	3		1					2694
9.85																										0
9.65		1		5	2	4	3	1				1														17
9.45	2	26	32	138	187	295	262	125	130	46	36	16	11	2	4	2	2									1316
9.25				1		2	2		1																	6
9.05	1	15	21	63	64	82	72	35	20	4	1	3														381
8.85																										0
8.65																										0
8.45		3	5	16	11	9	3	2	2					1												52
8.25																										0
8.05			1	3	1		1	1																		7
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.366)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 4.369* Y + 16.638 / S.E. = 7.18
FOR Y ... MEAN = 10.30 S.D. = 0.65 ... REG EQ-- Y = 0.031* X + 8.388 / S.E. = 0.60



Foot Length

Subject's right foot is placed in foot box with heel touching the end barricade and with right edge of widest part of foot touching the side barricade. Measure the maximum length of the foot from back of heel to tip of longest toe.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HEEL BREADTH

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
8.55																	1									1
8.35																		1								1
8.15										1	3	6	2		1											13
7.95						1	1	3	4	6	15	10	3	2	2	1	3		2							53
7.75				1		3	6	3	7	4	9	6	2	5	1	3	1	1	1		1					54
7.55				2	2	10	25	21	38	34	32	21	12	11	4	8	3	2	5	1						231
7.35				4	6	19	42	44	78	58	52	34	11	15	9	6	8	3	1							390
7.15			1	12	24	76	169	156	225	113	115	52	39	28	12	15	6	3	1							1047
6.95		2	11	41	104	330	486	361	451	231	188	93	54	37	14	20	11	1	4		1				1	2441
6.75		2	11	40	112	239	380	223	236	98	80	41	16	11	6	3	2	1								1501
6.55	1	12	26	152	220	479	496	258	275	99	69	33	7	8	6	3	4									2148
6.35	1	14	30	79	112	179	195	59	57	16	12	7	4	1					1							767
6.15	1	17	23	98	77	117	91	40	29	13	8	1	1	1			1									518
5.95	2	7	15	42	43	50	37	20	9	1	2		1													229
5.75		1	1	4	3	2	2																			13
5.55		2	2	1	1																					6
TOTALS	5	57	120	476	704	1505	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.469)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 9.836* Y - 5.171 / S.E. = 6.81
FOR Y ... MEAN = 6.79 S.D. = 0.37 ... REG EQ-- Y = 0.022* X + 5.436 / S.E. = 0.33



Heel Breadth

Subject stands on flat surface. Measure maximum breadth of right heel behind and below the projections of the ankle bones with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =BALL-OF-FOOT CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
31.10									2	1	1															4
30.60																										0
30.10										3	3	3	3	1	1		1		1							16
29.60									1			2	1			1										5
29.10						2	5	7	23	16	26	16	9	5	4	6	2	1	2							124
28.60								1	7	7	5	6	1	2	1	2			1							33
28.10				1	3	21	61	56	123	89	97	51	34	25	5	11	13	5	3	1					1	600
27.60					1	2	15	12	21	16	16	9	5	4	1	1	1	1								105
27.10				10	27	105	292	259	337	186	157	83	37	34	19	19	10	2	4		2					1583
26.60				4	10	23	44	32	39	20	15	11	5	5	3	1										212
26.10		1	8	50	131	398	611	385	456	200	155	78	34	33	13	11	10	2	4							2560
25.60		1	2	11	10	39	68	27	38	15	23	4	1	2	1	1										243
25.10	1	5	33	150	248	539	576	298	278	100	70	35	19	6	6	6	3									2373
24.60		1	6	16	18	34	36	12	11	2	2	1	1													140
24.10	2	21	40	133	186	280	187	87	67	15	13	5	2	2	1			1								1042
23.60		1	2	11	3	11	8		1	2	1															40
23.10	2	17	22	75	57	48	23	11	5	2	1															263
22.60		2		2	3		1	1																		9
22.10		8	7	11	5	4	3																			38
21.60																										0
21.10				1	2																					3
TOTALS	5	57	120	475	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.521)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 3.112* Y - 18.566 / S.E. = 6.59
FOR Y ... MEAN = 25.77 S.D. = 1.29 ... REG EQ-- Y = 0.087* X + 20.409 / S.E. = 1.10



Ball-of-Foot Circumference

Subject stands on flat surface. Measure maximum circumference of right foot at ball of foot with tape.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HEEL-ANKLE DIAGONAL

Y /X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TOTALS
39.45											2	2	1													5
38.45							1	1	6	2	10	8	7	5	3	3	4	3	2							55
37.45						2	8	5	29	33	50	32	21	20	3	15	6	4	6							234
36.45					3	17	61	63	145	88	119	73	32	26	18	18	13	1	2		2				1	682
35.45				2	17	99	249	267	370	231	186	92	44	34	16	15	12	3	5	1						1643
34.45		1	3	35	100	353	601	420	505	192	149	65	32	22	10	8	4	1								2501
33.45		3	23	118	236	556	692	326	285	102	54	29	15	11	5											2455
32.45	1	13	41	172	240	369	254	88	60	24	14	3		1			1									1281
31.45	4	25	32	111	85	99	49	17	6	2	1															431
30.45		8	16	33	22	11	14	1	3																	108
29.45		5	5	5	1		1																			17
28.45		1																								1
27.45																										0
26.45		1																								1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.618)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 3.251* Y - 48.041 / S.E. = 6.07
FOR Y ... MEAN = 33.73 S.D. = 1.47 ... REG EQ-- Y = 0.117* X + 26.524 / S.E. = 1.15



Heel-Ankle Diagonal

Subject stands on flat surface. With tape, measure the diagonal circumference around the right ankle, around rear tip of the heel, and over instep where foot joins the leg.

....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =INSTEP CIRCUMFERENCE

Y /X= =/	41 .00	44 .00	47 .00	50 .00	53 .00	56 .00	59 .00	62 .00	65 .00	68 .00	71 .00	74 .00	77 .00	80 .00	83 .00	86 .00	89 .00	92 .00	95 .00	98 .00	101 .00	104 .00	107 .00	110 .00	113 .00	TOTALS
34.00											1			1												2
33.50											1					1										2
33.00									1	1	1		1	2				1								7
32.50											1	1														2
32.00				1	1	1	4	2	14	8	8	7		1												47
31.50							1	1				1														3
31.00					1	4	9	8	22	14	20	9	9	3		5	1		2							107
30.50						1	1			1																3
30.00					1	13	42	49	60	34	60	21	15	10	9	6	8	2			1					331
29.50						7	5	7	10	9	6	2	3	1	2	3	1	1	1							58
29.00				8	10	64	146	116	159	101	88	47	28	21	9	8	10	4	5							824
28.50					5	9	16	15	14	15	13	12	5	6	3	1	1									115
28.00		1	2	17	60	188	290	235	317	144	160	75	41	36	14	16	9	3	5	1	1					1615
27.50				5	11	30	39	35	29	29	15	10	2	4	1	1	1									212
27.00		2	9	49	121	344	474	314	405	171	112	76	25	18	10	15	7	1	1						1	2155
26.50			2	14	9	32	58	32	29	17	11		2	1	4		1									212
26.00		6	29	129	200	408	515	251	248	95	66	29	17	14	3	3	1									2014
25.50		3	4	17	29	48	59	18	19	3	7	6	2													215
25.00	3	13	34	127	179	262	220	82	76	28	13	7	2	1					1							1048
24.50		2	6	13	11	8	10	2			1															53
24.00	1	16	22	80	55	79	39	21	6	2	1	1														323
23.50		1		5	2	2	1																			11
23.00	1	11	10	11	8	6	1			1																49
22.50			1		1					1																3
22.00		2	1																							3
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.465)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REG EQ-- X = 2.294* Y - 0.203 / S.E. = 6.83
FOR Y ... MEAN = 26.95 S.D. = 1.56 ... REG EQ-- Y = 0.094* X + 21.161 / S.E. = 1.38



Instep Circumference

Subject stands on flat surface. With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =CERVICALE HEIGHT

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
166.25																								1	1
164.25																						1			1
162.25																				2	1	1			4
160.25																		1	6	5					12
158.25																	1	6	17	7					31
156.25															2	2	25	27	7						63
154.25														6	15	54	67	22	6						170
152.25													1	19	88	147	40	2							297
150.25												1	17	127	178	66	8	1							398
148.25											5	33	244	325	111	15	2								735
146.25										10	48	309	490	179	11										1047
144.25									3	10	89	436	545	176	51	2									1312
142.25									10	78	562	687	149	8	3										1497
140.25							2	5	54	378	532	145	19	3											1138
138.25							2	45	363	486	137	17	1												1051
136.25						3	47	236	349	123	14														772
134.25				1	7	29	180	178	55	31	4														485
132.25				2	19	89	97	26	10	1															244
130.25		1		9	39	39	7	3	1																99
128.25			3	12	18	4	1																		38
126.25		3	2	7	4																				16
124.25		1	2																						3
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.962)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.011* Y + 22.866 / S.E. = 1.57
FOR Y ... MEAN = 142.41 S.D. = 5.49 ... REQ EQ-- Y = 0.916* X - 10.417 / S.E. = 1.50



Cervical Height

Subject stands erect. Measure vertical distance from floor to base of neck (protrusion of the spinous process of the seventh cervical vertebra) with anthropometer parallel to the spinal column along the back.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =SHOULDER (ACROMION) HEIGHT

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
160.25																								1	1
158.25																				1		1			2
156.25																				2	1				3
154.25																		2	5	6					13
152.25																1	3	3	11	3		1			22
150.25															1	5	23	27	10	2					68
148.25														2	13	58	58	22	8						161
146.25												1	4	31	102	124	43	4	2						311
144.25												9	70	181	166	75	15	1							517
142.25										1	13	121	277	295	108	17	1								833
140.25									1	19	122	302	379	143	16	4									986
138.25								2	22	173	468	425	175	50	1										1316
136.25							1	13	137	488	501	164	26	8											1338
134.25						2	24	179	429	505	201	32	7												1379
132.25					1	18	112	382	389	136	30	3	1												1072
130.25				1	13	91	209	228	108	26	3														679
128.25				13	59	147	109	38	20																386
126.25			2	21	59	66	27	3																	178
124.25		1	15	36	28	11	9		1																101
122.25	1	2	7	14	3	1	2																		30
120.25	4	2	7	2	1																				16
118.25		2																							2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.943)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ— X = 1.007* Y + 29.168 / S.E. = 1.92
FOR Y ... MEAN = 136.72 S.D. = 5.40 ... REQ EQ— Y = 0.883* X - 10.604 / S.E. = 1.80



Shoulder Height

Subject stands erect. Measure vertical distance from floor to outer edge of right shoulder (acromion).

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =WAIST (TOP OF HIP BONE) HEIGHT

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
120.00																						1			1
118.50																									0
117.00																			1	1					2
115.50																		2	3	1				1	7
114.00																	4	1	2	2					9
112.50															4	5	8	10	7	5		1			40
111.00												1	1	1	11	21	19	11	7	1					73
109.50												5	4	14	23	35	32	11	9	2	1				136
108.00										1	1	8	26	47	48	64	36	17	3	1					252
106.50							1			1	12	28	89	130	97	69	26	3	2	1					459
105.00										8	42	98	194	172	124	42	14	3	2						699
103.50								3	8	66	166	216	225	157	57	31	2	1							932
102.00							2	6	28	140	293	302	213	118	38	11	1								1152
100.50				1	1	1	7	24	116	272	336	218	114	51	4	5									1150
99.00				1	6	4	22	127	292	373	265	122	59	16	1	1	1								1290
97.50					2	25	83	217	289	276	135	34	13	3											1077
96.00				3	6	53	115	227	233	154	62	17													870
94.50			2	5	30	75	139	149	99	41	16	5	1	1											563
93.00	1		7	17	59	110	90	73	31	10	7	3													408
91.50			7	23	30	49	26	16	9	6	3														169
90.00		1	6	20	22	17	6	3	2																77
88.50	3	2	6	10	7	1	1																		30
87.00	1		3	5	1	1	1																		12
85.50		3		1																					4
84.00		1		1																					2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.863)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 1.125* Y + 54.187 / S.E. = 2.91
FOR Y ... MEAN = 100.14 S.D. = 4.43 ... REG EQ-- Y = 0.663* X - 10.477 / S.E. = 2.23



Waist Height

Subject stands erect. Measure vertical distance from floor to top of right hip bone.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =CROTCH HEIGHT

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
95.00																						1			1
93.50																	1			1					2
92.00															1		1	1	1	1					5
90.50											1					4	6	8	7	1					27
89.00													3	2	9	17	12	9	8	1					61
87.50										4	2	3	13	13	18	26	23	7	11	6	1			1	128
86.00									1	1	8	14	30	49	46	51	26	15	5	2					248
84.50								1	1	12	24	52	94	102	80	56	28	6	3	2					461
83.00									8	29	76	110	153	161	96	51	19	3	1			1			708
81.50				1				6	27	90	154	186	207	141	62	47	17	5							943
80.00						2	6	40	91	194	293	216	177	112	51	18	4	2							1206
78.50				1	3	10	28	94	172	278	269	204	125	62	22	5	4	3							1280
77.00					7	31	83	184	256	307	237	139	71	38	17	3	1								1374
75.50			2	4	16	52	83	183	240	223	148	72	35	15	3	5									1081
74.00			2	8	37	77	109	170	168	115	82	39	18	12	1	1	1								840
72.50			3	14	24	71	84	88	86	64	27	14	11	2	1										489
71.00			3	18	29	47	60	51	35	19	15	7	2	1											288
69.50	1		3	21	29	30	32	19	16	10	2	1													177
68.00	2	3	12	11	12	8	5	8	6	2															62
66.50	1	3	6	4	4	5	3																		18
65.00			2	3	2	2		1																	10
63.50	1		1	1	1	1																			4
62.00		1																							0
60.50				1																					1
59.00																									
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.754)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.032* Y + 87.627 / S.E. = 3.79
FOR Y ... MEAN = 76.76 S.D. = 4.21 ... REQ EQ-- Y = 0.551* X - 15.169 / S.E. = 2.77



Crotch Height

Subject stands erect. Measure vertical distance from floor to crotch.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Crotch Height.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =KNEE HEIGHT

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
59.25																						1			1
58.25																	6		4	2					12
57.25														4	1	1	6	2	5	3				1	23
56.25										2			1	4	11	12	8	12	9	2					61
55.25											3	5	8	13	29	51	31	15	6	1	1	1			164
54.25										1	7	14	40	51	59	49	27	16	9	2					275
53.25							1	6	13	34	66	83	118	122	92	67	29	5	2	2					640
52.25							1	6	22	61	116	177	236	197	104	58	22	5		1					1006
51.25							5	29	70	181	277	276	236	167	59	24	10	4	1						1339
50.25				1	1	6	18	68	160	301	319	228	175	97	43	14	4			1					1436
49.25				1	7	25	62	182	281	351	293	175	90	39	9	6									1521
48.25			2	4	25	57	122	223	286	257	173	72	30	16		1									1268
47.25			1	16	40	98	133	203	177	116	64	15	5			1									869
46.25		1	8	21	42	77	93	85	66	29	10	12													444
45.25	1	3	9	28	37	55	44	36	24	13	9														259
44.25	3	2	6	11	5	13	11	7	8	1	1														68
43.25			5	4	3	5	2																		19
42.25	1	1		1	4		1			1															9
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.773)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.851* Y + 74.269 / S.E. = 3.66
FOR Y ... MEAN = 50.01 S.D. = 2.41 ... REQ EQ-- Y = 0.323* X - 3.877 / S.E. = 1.53



Knee Height

Subject stands erect. Measure vertical distance from floor to top of right kneecap.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =CALF HEIGHT

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
42.25												1	1		2	2	1		1	1					9
41.25													2	2	2	5	1	1	2	1					16
40.25											1	2	2	1	4	5	5	8						1	29
39.25					1		1	4	4	4	6	4	12	22	10	12	11	6	6	1		1			105
38.25				1		2	3	4	7	12	23	19	50	49	37	26	17	8	6		1	1			266
37.25					2		2	8	20	44	65	72	92	84	61	46	30	9	8	5					548
36.25					2	9	15	41	62	159	147	149	145	134	85	67	30	13	2	4					1064
35.25			1	3	3	17	40	70	137	201	213	200	164	141	83	54	19	7	7	1					1361
34.25			2	4	12	40	73	161	207	265	278	219	202	137	72	39	18	3	4	1					1737
33.25	1		5	15	27	59	96	163	236	252	251	186	146	85	33	17	5	4							1581
32.25		1	4	20	33	68	101	176	222	200	196	126	76	40	12	8	5								1288
31.25		3	5	14	34	74	80	125	127	125	117	55	35	13	4	1	1								813
30.25	1	1	4	13	20	46	52	61	51	66	32	19	9	2	1	2									380
29.25	1	2	7	12	22	16	21	23	25	15	7	2	2		1										156
28.25	2		1	2	6	5	6	7	7	5	1	2													44
27.25				3	1		3	2	1			1	1												12
26.25			2						1		1														4
25.25					1																				1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.521)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.371* Y +120.172 / S.E. = 4.92
FOR Y ... MEAN = 34.04 S.D. = 2.19 ... REQ EQ-- Y = 0.198* X + 1.008 / S.E. = 1.87



Calf Height

Subject stands erect. Measure vertical distance from floor to point of maximum calf circumference on right leg.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =FUNCTIONAL ARM REACH-FORWARD

Y /X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
93.50															1			2	1						4
92.00													1				1		1						3
90.50												1			1		1								3
89.00								2	3	2	2	2	3	4	4	4	3	6	2	1	1				39
87.50						1				5	4	6	6	7	5	7	1	3	1	1					47
86.00						1		1	2	8	12	16	25	16	15	10	7	2	2	2				1	120
84.50						2		4	6	16	24	25	40	36	28	21	17	11	8	1		2			241
83.00						5	3	19	20	44	54	60	68	67	57	49	22	9	6	1					484
81.50					1	2	16	27	40	59	84	82	107	108	59	56	28	9	5	3					686
80.00				1	6	12	22	44	59	114	144	127	131	113	60	47	23	5	6	2					916
78.50				3	4	24	30	72	113	183	188	167	142	109	78	36	19	11	4	2					1185
77.00			3	8	13	33	58	107	171	225	229	173	156	109	54	22	10	1		1					1373
75.50	1		4	8	22	43	65	129	183	242	195	147	112	64	20	17	8								1260
74.00			1	10	27	53	80	152	199	199	195	124	72	44	16	9	3								1184
72.50	3	2	5	20	21	58	80	127	142	133	127	83	46	23	7	6									883
71.00		1	4	15	24	41	66	97	104	82	55	29	26	7	1										552
69.50	1	2	4	9	19	28	37	41	36	24	14	13	4	2	1										235
68.00			2	7	15	22	27	19	19	9	6	2													128
66.50			6	1	7	4	6	3	5	2	3														37
65.00		2	2	4	4	2	1		3		1			1											20
63.50					1	3	1		2	1	1														9
62.00				1		2	1	1																	5
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.516)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 0.719* Y +111.633 / S.E. = 4.94
FOR Y ... MEAN = 76.79 S.D. = 4.14 ... REG EQ-- Y = 0.371* X + 14.892 / S.E. = 3.55



Functional Arm Reach Forward

Subject stands erect with his shoulders pressed against wall, right arm extended forward, palm down, and top of thumb and forefinger pressed together, forming an oval. Measure perpendicular distance from wall behind shoulder to tip of thumb.

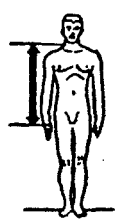
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =COAT LENGTH

Y /X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
80.25																	1		1					1	3
79.25														3			1								4
78.25												1	1	1	4	4	2	1				2			16
77.25												2	4	1	7	3	2	2	2	1					24
76.25											4	5	8	12	15	19	7	7	5	2					84
75.25									2	5	5	8	13	26	19	22	12	15	5						132
74.25									4	8	29	18	36	42	44	24	18	9	4	2					238
73.25							1	4	10	23	33	46	71	53	60	43	24	8	9	5					390
72.25						1	3	12	23	63	92	85	112	92	44	33	25	9	5	3					602
71.25				1		3	13	21	53	81	136	116	137	109	68	51	23	3	2		1				818
70.25				1	2	7	19	45	94	141	165	146	153	123	48	38	13	4	1						1000
69.25				2	4	20	28	107	109	196	228	186	121	106	35	28	10	1							1181
68.25			2	6	7	21	48	93	184	236	218	155	121	69	26	7	3		2	1					1199
67.25				8	15	40	63	139	178	225	162	131	77	33	15	7	2								1095
66.25				7	26	35	86	131	156	144	113	89	50	26	14	3									880
65.25	2	1	5	11	28	55	84	108	132	108	87	41	21	11	4	1									699
64.25	1		2	9	25	61	58	90	83	71	43	16	10	3	2	1									475
63.25		2	4	12	21	40	46	54	40	30	17	7	4		2										279
62.25		1	6	12	17	24	21	25	26	13	3	4													152
61.25	1	2	6	5	11	16	14	8	9	1	1	1													75
60.25	1		3	7	7	10	8	3	3	1	1														44
59.25		1	3	5	1	2	1	4	1	1															19
58.25				1				1		1															3
57.25						1					1														2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.631)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.149* Y + 88.029 / S.E. = 4.47
FOR Y ... MEAN = 68.60 S.D. = 3.17 ... REQ EQ-- Y = 0.347* X + 10.701 / S.E. = 2.46



Coat Length .

Subject stands erect, arms and fingers hanging down. Measure vertical distance between base of neck at right shoulder and first knuckle of right thumb.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =HIP BREADTH-STANDING

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
41.75													1												1
40.75																									0
39.75																									0
38.75																	1								1
37.75												1	2		1	1	3		1						9
36.75								2		2	3	3	8	8	6	6	6	6	2	3	1	2			58
35.75								4	5	17	26	20	29	24	32	31	11	10	7	2					218
34.75					1	6	7	4	29	58	61	85	93	85	62	49	32	9	10	3					594
33.75				1	4	10	22	52	99	158	200	194	196	167	110	78	35	16	7	5				1	1355
32.75			2	2	23	25	67	165	220	341	360	310	253	205	99	67	33	14	5						2191
31.75		1	4	16	31	90	130	245	325	372	355	273	239	147	71	32	15	2	4						2352
30.75	1	1	10	30	46	117	136	238	272	273	234	126	93	63	22	16	7	2		1					1688
29.75	1	2	5	24	42	58	97	110	126	101	83	37	21	9	4	4									724
28.75	1	1	8	7	17	26	25	21	28	23	15	7	4	2											185
27.75	2	2	1	3		4	9	4	2	2	1	1													31
26.75			1	4					1	1															7
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.491)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.816* Y +108.427 / S.E. = 5.02
FOR Y ... MEAN = 32.17 S.D. = 1.56 ... REQ EQ-- Y = 0.133* X + 9.979 / S.E. = 1.36



Hip Breadth, Standing

Subject stands erect. Measure maximum distance across the hips.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =CHEST BREADTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
39.75													2												2
38.75													1		1				1						3
37.75												1			1										2
36.75												2		2	1		1	1	1						8
35.75										6	3	9	2	4	3	1	2		1	2		1			34
34.75								1	3	5	6	6	8	11	5	1	4	4	2						56
33.75						1	1	5	6	12	15	18	21	7	12	9	5	1	1	1	1			1	117
32.75					1	2	5	10	26	36	42	45	47	27	34	23	10	3	4	1		1			317
31.75				2	7	4	16	41	55	90	86	70	115	80	53	50	18	12	6	2					707
30.75				4	11	30	52	102	153	204	207	200	179	149	75	58	36	9	6	3					1478
29.75			4	11	24	65	79	182	243	293	319	266	197	178	91	61	28	16	5	2					2064
28.75	2	1	9	23	49	80	129	213	280	322	332	245	216	136	74	45	23	9	6	1					2195
27.75	1	2	4	24	34	86	118	177	195	242	230	143	94	73	40	25	10	3	1	1					1503
26.75	1	3	10	12	20	48	66	80	100	100	75	35	44	35	12	9	5	1	2	1					659
25.75		1	2	9	16	17	20	25	34	32	18	17	8	7	5	1	1								213
24.75	1		1	2	1	3	5	7	10	4	4		4	1		1									44
23.75			1		1		2	2	2	1	1														10
22.75										1			1												2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.308)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.002* Y +137.414 / S.E. = 5.49
FOR Y ... MEAN = 29.37 S.D. = 1.78 ... REQ EQ-- Y = 0.095* X + 13.524 / S.E. = 1.69



Chest Breadth

Subject stands erect and breathes normally. Measure breadth of chest at nipple level.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =CHEST DEPTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
30.75													2						1						3
29.75						1						1													2
28.75										3	2	2	1	2			1		1			1			13
27.75								1		3	4	6	4	3	2	2									25
26.75					1	1	3	3	4	10	13	9	13	6	14	3	5	1	3						89
25.75				1	2	1	7	5	16	21	26	28	37	16	16	11	8	4	2	2				1	204
24.75			1	2	1	4	9	26	42	45	65	75	69	53	24	29	14	7	3	1		1			471
23.75			1	2	7	28	37	66	106	168	166	144	137	98	85	60	27	13	8	2	1				1156
22.75			3	10	28	59	90	187	235	336	304	274	232	186	92	66	36	11	8	5					2162
21.75	3	1	7	29	48	95	138	261	340	397	386	256	231	190	107	61	26	11	6	4					2597
20.75	2	2	9	26	45	95	143	194	238	238	238	183	155	104	47	28	21	6	2						1776
19.75		2	6	11	24	39	54	88	98	102	112	67	51	46	16	21	5	4	2						748
18.75		2	2	5	7	13	7	10	25	24	20	10	5	4	4	3		2							143
17.75			2	1	1		5	3	1	1	2	1	2	2											21
16.75								1	2			1													4
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.240)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 0.892* Y +147.115 / S.E. = 5.60
FOR Y ... MEAN = 22.12 S.D. = 1.55 ... REG EQ-- Y = 0.065* X + 11.275 / S.E. = 1.51



Chest Depth

Subject stands erect and breathes normally. Measure depth of chest from right side at nipple level.

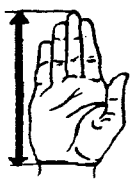
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =HAND LENGTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
22.40														1											1
22.10															1				1						2
21.80															1				1			1			3
21.50											1	2	1	1	1	3	2	2	2					1	16
21.20										1			1	4	2		1	3	1	2		1			16
20.90										2	6	7	7	8	9	7	15	3	1	2					67
20.60									1	1		9	8	14	14	16	9	8	4						84
20.30									5	8	21	23	37	38	31	33	23	11	7	4					241
20.00							1	7	11	33	49	60	97	81	68	54	24	9	8	1	1				504
19.70							2	9	24	45	81	95	94	73	52	32	20	11	2						540
19.40				1	1	4	12	35	64	109	139	136	128	116	75	42	18	2	4	3					889
19.10					5	9	28	62	106	163	195	159	152	123	56	43	17	3	4						1125
18.80					2	18	37	98	135	209	224	167	154	103	41	25	8	6	1	2					1230
18.50			2	8	12	44	57	123	197	246	200	153	106	65	35	14	3	1							1266
18.20			1	6	15	47	70	146	205	217	209	124	87	44	12	12	1								1196
17.90	1		5	19	28	57	109	160	162	173	120	70	44	22	5	2	2								979
17.60		1	1	10	32	57	70	84	93	87	50	32	16	15	1	1									550
17.30		1	5	12	37	50	60	71	57	40	36	14	5	2	2										392
17.00	2	3	6	14	19	31	28	34	31	12	6	3	1		1										191
16.70	1		8	11	7	12	13	12	13	1	1	2													81
16.40	1		1	4	2	5	4	3		1			1												22
16.10			2	1	3	2	1	1	3			1													14
15.80		2		1			1																		4
15.50					1																				1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.610)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 4.095* Y + 90.352 / S.E. = 4.57
FOR Y ... MEAN = 18.68 S.D. = 0.86 ... REG EQ-- Y = 0.091* X + 3.497 / S.E. = 0.68



Hand Length

Subject stands erect with right hand extended forward, palm up and fingers straight. Measure distance from wrist (navicular) to tip of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

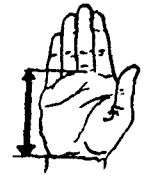
X =HEIGHT (STATURE)
AND
Y =PALM LENGTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
12.65																			1						1
12.45													2												2
12.25											1		1	2		2	1							1	8
12.05											2	4	2	2	2	3	7	3	3	1					29
11.85										4	2	6	3	6	7	7	9	3	3	1		2			53
11.65									3	8	8	17	21	17	13	10	10	7	2	3					119
11.45								3	8	11	22	31	44	45	31	25	16	5	3						244
11.25						1	2	8	19	42	49	59	61	51	36	38	14	8	2	4	1				395
11.05				1	1	2	16	26	54	82	113	114	110	95	81	54	23	12	7	2					793
10.85				1	6	8	20	57	79	121	155	132	146	119	54	33	21	7	7	2					968
10.65				3	5	24	32	78	140	194	207	175	128	113	60	41	17	4	6	1					1228
10.45			4	5	10	39	58	133	182	259	244	167	162	109	58	34	10	6	2						1482
10.25		1	1	8	22	58	91	161	190	228	232	152	125	75	38	23	9	3							1417
10.05	1	1	5	22	33	76	107	153	199	229	175	126	95	48	19	8	1	1							1299
9.85	1		5	16	26	35	61	101	109	83	69	45	18	13	3	2	1								588
9.65	2	1	7	10	33	40	54	65	76	50	31	16	12	8	3	3	2								413
9.45		2	3	13	19	24	32	42	26	25	19	10	6	3		1	1								226
9.25	1	1	3	3	4	17	12	11	12	9	7	2	2	4	1		1								90
9.05		1	1	2	3	10	7	6	6	2	1	1	1		1										42
8.85			1	2	1	2	1	1	3		1														12
8.65			1		1																				2
8.45				1					1	1															3
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.501)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 5.515* Y +109.206 / S.E. = 4.99
FOR Y ... MEAN = 10.45 S.D. = 0.52 ... REQ EQ-- Y = 0.046* X + 2.777 / S.E. = 0.45



Palm Length

With right hand in same position as for No. 19, measure distance from wrist to base of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =HAND BREADTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
10.95																		1							1
10.75																									0
10.55																									0
10.35										1				1											2
10.15																	1	3	1						5
9.95								1		2	6	4	3	6	6	2	4	1	3			2			40
9.75								3	2	11	13	9	15	11	13	6	7	4	3	1					98
9.55							4	7	14	20	35	31	26	46	28	18	9	4	4	1	1				248
9.35			1		1	3	6	18	39	72	71	95	82	70	55	35	25	12	5	2				1	593
9.15			1	1	4	14	18	46	76	123	146	137	127	119	70	57	36	10	6	2					993
8.95			4	1	20	41	63	151	195	257	284	239	235	157	99	79	24	10	6	3					1868
8.75		1	3	6	21	63	64	125	172	244	226	162	157	116	55	40	16	5	7	2					1485
8.55		2	2	19	28	65	117	183	230	265	251	188	165	82	45	32	14	9	1	3					1701
8.35	1		9	18	32	63	105	169	192	192	161	120	75	71	26	12	6								1252
8.15	2	2	3	20	23	48	55	85	112	102	92	42	38	22	8	2	1								657
7.95		1	4	15	22	23	39	44	57	43	40	23	11	8	1										331
7.75	2	1	4	5	10	13	17	7	14	14	11	5	5		1										109
7.55				2	3	3	4	2	3	1	1			1		1									21
7.35							1	2		1	1	2													7
7.15								1	1																2
6.95								1																	1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.392)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 5.422* Y +119.499 / S.E. = 5.30
FOR Y ... MEAN = 8.73 S.D. = 0.42 ... REG EQ-- Y = 0.028* X + 4.061 / S.E. = 0.38



Hand Breadth

With right hand in same position as for No. 19 and No. 20, measure maximum breadth across base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =ARM REACH-UPWARD

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
156.25															1										1
154.25																				1	1				2
152.25																1	2	1	2	1		1		1	9
150.25															1	7	9	10	4	4					35
148.25											1		1	8	11	18	16	14	14	4		1			88
146.25										1		1	16	19	24	44	31	17	4	3					160
144.25										2	7	17	50	74	87	79	36	13	9	1					375
142.25								2	2	11	46	90	152	184	125	62	38	4	2						718
140.25							2	3	12	66	126	197	233	189	96	53	11		1						989
138.25						2	4	25	89	207	296	285	261	131	36	13									1349
136.25					3	4	17	95	183	337	382	264	152	73	18	5									1533
134.25			1		7	14	57	177	298	329	296	151	61	21	7										1419
132.25			1	3	11	59	134	244	292	257	137	40	10	9	1	2									1200
130.25			1	10	27	98	127	178	148	104	39	6	3	2											743
128.25			3	21	53	94	97	85	61	28	6	4													452
126.25	1	2	11	29	31	39	41	28	19	6		2													209
124.25	1	2	9	17	25	22	12	6	3		1														98
122.25	2		3	4	5	4	2	2			1														23
120.25		3	2	2	2																				9
118.25	1			1																					2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.823)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.962* Y + 35.997 / S.E. = 3.27
FOR Y ... MEAN = 136.02 S.D. = 4.93 ... REQ EQ-- Y = 0.704* X + 18.558 / S.E. = 2.80



Arm Reach Upward

Subject extends right arm and fingers upward. Measure vertical distance from seat to tip of middle finger.

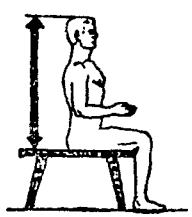
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =SITTING HEIGHT

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
100.50																			1		1				2
99.00																	1	1	1	2				1	6
97.50													1	1	1	5	3	4	4	6					25
96.00												1	4	7	8	16	17	19	9	3		1			85
94.50										2	3	11	22	28	43	57	37	17	10	2		1			233
93.00								1	2	9	26	54	75	103	100	71	40	9	4	1					495
91.50								4	5	46	103	152	210	201	119	74	27	9	4						954
90.00					1	1	5	25	69	158	254	276	275	191	75	47	10		3						1390
88.50				1	1	7	27	72	160	331	355	281	203	120	40	11	5								1614
87.00				3	4	24	73	203	292	361	346	154	104	48	16	3	2								1633
85.50				4	20	72	117	260	325	279	181	98	36	8	3		1								1404
84.00			5	15	36	101	137	175	176	118	53	24	7	2	1										850
82.50		2	5	23	58	79	91	85	59	36	14	5	1	1	1										460
81.00	1		10	24	29	34	37	13	13	7	3	1	1												173
79.50	2	3	10	11	12	16	4	6	6	1															71
78.00		1	1	5	3	2	1	1																	14
76.50	1	1		1			1																		4
75.00	1																								1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.777)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 1.373* Y + 46.202 / S.E. = 3.63
FOR Y ... MEAN = 87.87 S.D. = 3.26 ... REG EQ-- Y = 0.439* X + 14.624 / S.E. = 2.05



Sitting Height

Measure vertical distance from seat to top of head.

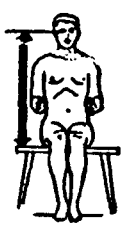
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =EYE HEIGHT-SITTING

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
88.50																1			2	1					4
87.00														1		1	1	2	1	2	1			1	10
85.50												1	5	5	7	7	6	12	6	2		1			52
84.00									2	1	4	4	11	20	30	33	24	11	7	4					151
82.50								2		7	17	30	49	64	59	64	32	16	7	3					350
81.00								4	4	36	69	103	136	149	97	71	34	13	7	2		1			726
79.50					1	1	6	18	56	140	200	210	250	183	106	57	26	4	5						1263
78.00				1		8	26	71	150	239	289	275	228	158	69	35	12	1	1						1563
76.50				2	7	30	59	171	245	331	329	218	136	86	24	13	7								1658
75.00			1	6	14	72	102	225	295	289	248	128	79	28	9	2									1498
73.50			5	13	32	79	132	194	209	205	129	69	33	13	4										1117
72.00		1	3	17	53	67	101	95	99	73	41	16	7	2	1		1								577
70.50		1	12	30	36	52	49	55	40	21	10	3	5	1	1										316
69.00	3	4	4	9	14	20	15	7	5	6	2														89
67.50		1	5	7	4	7	2	2	1																29
66.00			1	2	3		1	1	1																9
64.50																									0
63.00	2																								2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.709)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.258* Y + 70.347 / S.E. = 4.07
FOR Y ... MEAN = 76.71 S.D. = 3.25 ... REQ EQ-- Y = 0.400* X + 9.970 / S.E. = 2.29



Eye Height

Measure vertical distance from seat to level of inner corner of right eye. It is not necessary to touch the latter point with the instrument, since it can be located by sighting along the anthropometer arm.

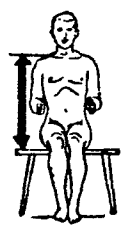
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =MID-SHOULDER HEIGHT-SITTING

Y /X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
70.75																	1			1					2
69.75																	2	1	2	2					7
68.75													1	2	4	3	3	4	2	3					22
67.75												4	3	4	5	14	14	8	2	3	1	2			60
66.75										2	5	6	12	25	25	22	17	9	6	1				1	131
65.75								1	1	6	11	25	35	43	33	52	23	13	7	4					254
64.75								1	5	17	51	62	73	77	80	57	30	7	9						469
63.75							1	7	13	61	98	123	142	132	80	53	17	7	5						739
62.75					1	3	6	29	70	116	167	190	202	153	74	47	18	6	2						1084
61.75				2	1	7	26	49	94	184	251	206	180	126	55	20	11	4	1						1217
60.75					5	23	36	136	173	280	246	186	151	84	28	12	6								1366
59.75				1	8	47	80	163	248	252	237	126	81	38	12	2									1295
58.75			1	9	21	56	104	155	217	224	150	80	35	18	9	1	1								1081
57.75			4	12	31	68	94	136	165	129	77	32	15	6		1									770
56.75			5	28	38	55	70	100	71	51	34	12	2	1	2										469
55.75		3	11	16	33	37	51	43	29	18	8	3	6												258
54.75	2	1	7	10	15	28	14	16	13	6	2	2	1	1											118
53.75		2	2	3	8	9	7	9	6	2	1														49
52.75	1		1	3	3	3	3		1																15
51.75	1			2			1		1																5
50.75		1																							1
49.75	1			1																					2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.701)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.485* Y + 76.621 / S.E. = 4.11
FOR Y ... MEAN = 60.76 S.D. = 2.72 ... REQ EQ-- Y = 0.331* X + 5.532 / S.E. = 1.94



Mid-Shoulder Height

Measure vertical distance from seat to point midway between neck-shoulder junction and top of outer edge of right shoulder.

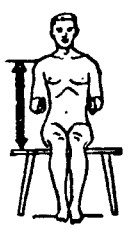
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =SHOULDER (ACROMION) HEIGHT SITTING

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
68.75																	1			1					2
67.75																	1		1						2
66.75													2	1	2	1	7	3	2	4					22
65.75											1	2		3	6	10	10	4	2	2		1			41
64.75										1		4	10	13	9	17	12	9	4	1					80
63.75										2	10	16	20	25	35	30	18	12	5	2	1	1			177
62.75									4	21	34	55	63	59	43	50	16	9	9	2				1	366
61.75							1	8	17	33	74	83	85	104	72	55	19	11	5	2					569
60.75						2	2	10	38	69	109	129	155	118	66	47	21	4	4						774
59.75				1	1	6	9	46	57	153	176	197	170	133	68	40	17	5	3						1082
58.75				2	3	15	30	87	126	195	245	172	164	102	45	21	12	1	1						1221
57.75					6	29	57	136	185	253	233	158	131	87	34	6	7								1322
56.75				4	15	47	91	152	230	238	215	120	83	35	16	6	1	1							1254
55.75			3	8	23	56	92	151	192	185	136	63	38	21	5		1								974
54.75			4	14	37	57	75	111	131	120	58	38	10	6	5	1									667
53.75			7	31	32	55	64	62	66	52	33	11	4	1	1										419
52.75		1	11	13	23	37	45	61	38	19	13	6	4	1											272
51.75	1	5	5	6	16	20	18	16	17	5		2		1											112
50.75	2		1	3	5	7	4	3	5	1	1	1													33
49.75	1			1	3	4	3	1	1	1															15
48.75		1		2		1	1	1																	6
47.75				1			1																		2
46.75	1			1																					2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.664)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.342* Y + 88.965 / S.E. = 4.31
FOR Y ... MEAN = 58.03 S.D. = 2.85 ... REQ EQ-- Y = 0.328* X + 3.308 / S.E. = 2.13



Shoulder Height

Measure vertical distance from seat to top of outer edge of right shoulder.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =KNEE HEIGHT-SITTING

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
60.75																								1	1
59.75																	1	1	1	2		1			6
58.75																	3	1	6	2					12
57.75														1	6	5	14	7	11	4	1				49
56.75													4	5	21	35	30	19	5	4					123
55.75											3	8	19	47	77	80	41	18	8	1		1			303
54.75									2	6	20	43	105	122	106	66	32	8	4	1					515
53.75								4	8	33	97	166	253	238	119	70	17	3	1						1009
52.75							1	5	46	155	300	326	308	190	65	24	3	2							1425
51.75					1	3	16	58	183	414	434	314	188	88	13	2	2								1716
50.75				1	1	10	45	188	341	405	327	147	52	17		2									1536
49.75			2		14	64	150	325	331	258	134	41	9	2											1330
48.75			4	13	37	96	166	166	146	67	18	9	1												723
47.75			6	27	62	117	83	83	42	9	5	3													437
46.75			9	28	31	38	24	13	7	1															151
45.75	1	3	7	9	16	7	8	2																	53
44.75	4	4	3	9	2	1		1	1																25
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.848)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 2.193* Y + 53.842 / S.E. = 3.06
FOR Y ... MEAN = 51.53 S.D. = 2.23 ... REG EQ-- Y = 0.328* X - 3.196 / S.E. = 1.18



Knee Height

Measure vertical distance from footrest to top of right knee.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =POPLITEAL HEIGHT-SITTING

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
48.25																				1					1
47.25																	1		3					1	5
46.25															3	1	7	7	2	4		1			25
45.25														2	8	11	8	7	9	3					48
44.25											2	3	13	20	36	45	36	18	8	3					184
43.25								1	1	10	20	37	75	90	93	76	38	19	10	2					472
42.25								4	11	46	87	134	217	220	135	87	33	5	2	1	1				983
41.25						2	6	24	95	237	335	327	316	236	86	45	15	3	2			1			1730
40.25					5	14	51	142	271	430	477	324	225	100	36	17	4								2096
39.25				5	23	53	133	313	397	397	289	190	76	35	9	2	1								1923
38.25		1	6	17	42	120	172	228	229	175	106	36	15	6	1										1154
37.25	1	1	12	27	54	103	97	101	82	42	22	6	1	1											550
36.25		1	9	27	31	34	28	25	20	9			1												185
35.25	3	2	4	6	5	9	3	6	1	2															41
34.25	1	2		5	3	1	2	1																	15
33.25					1		1																		2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.768)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 2.462* Y + 67.972 / S.E. = 3.69
FOR Y ... MEAN = 40.16 S.D. = 1.80 ... REQ EQ-- Y = 0.240* X + 0.117 / S.E. = 1.15



Popliteal Height

Measure vertical distance from footrest to underside of right knee.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Popliteal Height.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =ARM REACH-FORWARD

Y /X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
98.00																	1								1
96.50											1		2	2	3	3	2	2	1	1					17
95.00										1	1	4	4	7	4	1	7	3	4	1	1	1		1	40
93.50										4	2	8	11	8	14	15	12	10	8	2					94
92.00							1	4	1	6	15	15	21	39	31	40	22	15	8			1			219
90.50						1	2	4	10	18	31	50	82	81	68	50	30	12	7	7					453
89.00				1		2	2	14	31	55	69	102	125	116	90	59	22	8	6	3					705
87.50			1	2	1	6	18	38	81	125	195	169	215	172	94	53	25	4							1199
86.00				2	3	13	25	72	121	225	272	245	205	145	56	33	15	2	2						1436
84.50				4	8	21	64	134	206	317	297	218	140	79	20	16	4	1							1529
83.00			1	3	13	44	101	197	261	290	244	142	82	37	14	11		1							1441
81.50			4	11	33	82	112	179	211	189	138	66	38	17	8	1	2	1							1092
80.00			2	17	39	72	83	123	117	82	50	28	12	3	4	2	1								635
78.50	1	2	9	17	40	52	51	49	51	21	14	6	2	2											317
77.00	1	2	7	20	18	30	22	23	10	12	5	3		2											155
75.50	3	3	5	7	7	7	8	4	4		3				1										52
74.00			1	2	2	6	2	4	2	1															20
72.50			1	1			2				1	1													6
71.00									1																1
TOTALS	5	7	31	87	164	336	493	845	1107	1346	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9412

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.657)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 1.055* Y + 77.405 / S.E. = 4.35
FOR Y ... MEAN = 84.78 S.D. = 3.59 ... REG EQ-- Y = 0.410* X + 16.372 / S.E. = 2.71



Arm Reach Forward

Subject's right arm and fingers are extended forward parallel to the floor. Measure distance from back of right shoulder (greatest bulge of trapezius) to tip of middle finger.

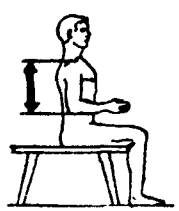
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =SHOULDER-ELBOW LENGTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
41.50																	1		1			1			3
41.00																	1		2	1	1			1	6
40.50													2		2		2	2	3						11
40.00												2		4	4	3	6	2	3	1		1			26
39.50												2	11	7	13	14	8	11	7	3					76
39.00									1	4		13	11	21	18	31	16	6	4	4					129
38.50								1	2	6	8	15	42	50	38	38	24	8	4	4					240
38.00								2	11	12	25	44	41	48	47	34	23	9	3						299
37.50							1	6	7	39	57	67	122	91	70	52	19	13	6	1					551
37.00						1	4	11	19	65	112	103	133	116	73	45	20	6	1						709
36.50					2	10	14	25	84	137	193	186	167	133	64	29	14	1							1059
36.00			1		2	8	19	65	120	169	194	158	121	89	30	13	5		1						995
35.50			1	2	4	20	37	108	168	258	268	184	144	87	27	14	2	1							1325
35.00				2	13	27	47	125	160	191	168	117	72	27	15	9	1								974
34.50				9	11	47	75	148	212	206	170	89	44	21	4	1			1						1038
34.00			4	7	26	56	95	132	137	113	67	42	17	9		1									706
33.50	1		2	16	23	56	86	99	95	81	55	26	7	5	2		1								555
33.00		1	4	17	31	47	60	64	56	43	15	7		1											346
32.50	1	1	9	15	19	27	26	35	24	15	5		4	1											182
32.00	1	1	1	11	18	19	15	15	5	4	1	1	1												93
31.50	1		6	5	9	9	7	6	2	2		1													48
31.00	1	2	2	1	3	7	3	3	3	1															26
30.50		2	1	1	2	2	2		1	1															12
30.00							2																		2
29.50				1	1																				2
TOTALS	5	7	31	87	164	336	493	845	1107	1347	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.693)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 2.476* Y + 78.878 / S.E. = 4.16
FOR Y ... MEAN = 35.53 S.D. = 1.61 ... REG EQ-- Y = 0.194* X + 3.160 / S.E. = 1.16



Shoulder-Elbow Length

Subject's right upper arm hangs down at his side, forearm is extended forward at right angles. Measure the vertical distance from the edge of right shoulder to right elbow.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =FOREARM HAND LENGTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
54.25																	1								1
53.25																		1		1		1		1	4
52.25														2	3	3	5	5	2		1				21
51.25												3	2	7	11	13	13	9	8	2		1			69
50.25										1	5	6	25	33	39	39	23	17	13	5					206
49.25								1		16	28	42	97	88	83	65	44	17	11	4					496
48.25				1			2	2	25	60	103	142	202	179	106	83	32	6	1	2					946
47.25						1	7	44	81	195	290	280	258	202	102	58	19	3	1						1541
46.25				1	2	13	36	128	243	354	387	290	206	130	49	18	6	1							1864
45.25			2		13	47	94	242	335	402	330	219	126	56	7	4									1877
44.25			2	16	33	86	160	256	252	233	143	56	19	11	3	1									1271
43.25			3	22	50	109	117	105	132	76	46	15	2	1	2										680
42.25	3	5	8	25	41	59	63	59	34	9	5	4	1	1	1										318
41.25	2		11	19	20	13	11	7	3	1	1		1		1										90
40.25		1	4	3	5	8	1	1	2																25
39.25		1	1				2																		4
TOTALS	5	7	31	87	164	336	493	845	1107	1347	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.743)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 2.190* Y + 66.006 / S.E. = 3.86
FOR Y ... MEAN = 46.05 S.D. = 1.96 ... REG EQ-- Y = 0.252* X + 4.001 / S.E. = 1.31



Forearm-Hand Length

Subject's right upper arm hangs down at his side, forearm and fingers extended forward at right angles. Measure the distance from the elbow to the tip of the middle finger.

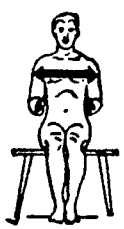
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =SHOULDER BREADTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
54.25													1		1										2
53.25												1	1	1											3
52.25																				1					1
51.25										2	1	1	2	4	1	1	1	1	1						15
50.25										3	3	5	3	2	3	2	2	1	3	1	1				29
49.25						1			2	6	8	12	11	5	11	5	5	3							69
48.25						1	1	3	3	10	12	16	19	12	4	6	3	2	2			1			95
47.25							1	5	8	15	19	28	40	27	17	16	7	5	3	2				1	194
46.25				1	3	2	6	14	29	42	38	39	44	48	26	27	9	5	4			1			338
45.25				1	5	10	16	26	43	68	84	76	74	66	52	33	23	8	4	1					590
44.25				3	6	17	27	61	98	147	143	162	146	102	65	59	25	12	4	5					1082
43.25				2	14	25	48	114	184	201	241	171	173	115	76	50	22	9	8	3					1456
42.25		1	3	10	20	52	91	152	210	243	254	244	164	121	55	32	13	3	3						1671
41.25		1	4	20	32	66	97	173	226	281	239	153	144	108	49	36	19	7	2						1657
40.25	2	1	10	19	35	67	83	150	150	179	177	80	70	66	27	7	10	1	1						1135
39.25	1	1	5	14	24	56	72	91	87	91	77	48	27	26	14	5	1	2	1	1					644
38.25	1		2	8	15	25	31	35	46	41	29	16	17	5	5	3	3								282
37.25		3	5	8	7	11	15	14	17	15	12	3	2	2	1	2									117
36.25	1		2		3	2	2	4	3	1	1	1	1												21
35.25						1	2	3		1		1													8
34.25				1			1		1	1															4
TOTALS	5	7	31	87	164	336	493	845	1107	1347	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.367)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 0.902* Y +128.574 / S.E. = 5.36
FOR Y ... MEAN = 42.43 S.D. = 2.35 ... REG EQ-- Y = 0.149* X + 17.571 / S.E. = 2.18



Shoulder Breadth

Subject's upper arms hang down at his sides and forearms are extended forward at right angles, elbows against the body. Measure the maximum distance across the upper arm muscles.

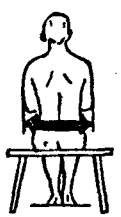
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =ELBOW-TO-ELBOW BREADTH

Y /X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
61.50													1												1
60.00																	1								1
58.50											2	1	2	2				1							8
57.00											1	1		1	2				2	1					8
55.50										2	3	1	2		1			1							10
54.00					1		2		2	7	1	7	12	4	3	1	1	1		1		1			44
52.50						1	3	3	1	13	8	10	10	10	8	6	2		1						76
51.00					1	3	1	4	7	6	23	16	13	9	6	5	4	2	1						101
49.50						4	9	7	24	18	22	24	25	17	10	13	5	1	1	1					181
48.00				3	7	2	12	16	21	38	30	41	29	31	21	16	6	3	3	1	1			1	282
46.50					2	4	11	26	51	65	54	55	63	45	24	30	16	5	3	1					455
45.00			1	4	7	19	21	77	81	114	108	105	100	68	53	30	9	7	5	3		1			813
43.50			3	3	13	41	49	92	130	185	206	171	144	109	58	46	26	11	6	1					1294
42.00		1	7	15	28	46	97	154	226	288	273	211	182	158	86	49	31	10	8	2					1872
40.50	1	2	4	16	43	80	99	173	226	245	247	194	163	106	62	40	25	9	1	2					1738
39.00		2	4	18	28	65	102	181	187	212	209	142	112	97	53	27	10	7	4						1460
37.50	2	1	5	16	16	45	53	74	96	96	104	53	55	36	14	11	4		1	1					683
36.00	2		6	9	13	21	23	26	42	41	38	20	16	12	4	7	3	1							284
34.50		1	1	1	4	2	6	4	9	12	3	2	6	3	1	1									56
33.00				1		3	3	5	2	4	2	3	3	1	1	1									29
31.50				1	1		1	3	1	1	2		1	1											12
30.00							1				1					1									3
TOTALS	5	7	31	87	164	336	493	845	1106	1347	1337	1057	939	710	407	284	143	59	36	14	1	2	0	1	9411

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.228)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.374* Y +151.160 / S.E. = 5.62
FOR Y ... MEAN = 41.94 S.D. = 3.51 ... REQ EQ-- Y = 0.139* X + 18.753 / S.E. = 3.42



Elbow-Elbow Breadth

Subject is in the same position as for No. 32. From behind the subject, measure the maximum distance across the elbows.

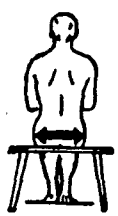
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =HIP BREADTH-SITTING

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
42.25													1												1
41.25															1		1								2
40.25												1	3	2	1		1		1						9
39.25										2	7	5	5	3	3	4	3	2		1	1				36
38.25								2	3	6	7	7	11	12	15	5	8	1	3	1		1			82
37.25						1	6	2	8	17	25	21	25	21	20	23	12	6	4	2		1		1	195
36.25					2	3	5	12	21	28	42	52	87	67	43	41	20	10	8	5					446
35.25						2	9	36	58	105	111	106	119	110	68	48	27	12	7	1					819
34.25				1	7	23	50	78	134	205	205	223	184	143	99	59	31	15	6	2					1465
33.25			2	6	22	44	78	173	244	315	351	267	238	176	78	69	23	4	6	1					2097
32.25		1	6	21	34	94	126	239	296	333	328	243	175	121	58	21	12	7	1	1					2117
31.25			6	24	46	90	108	201	206	239	177	97	71	40	19	10	4	2							1340
30.25	2	2	9	21	36	54	74	80	110	84	64	31	15	14	2	4	1								603
29.25	1	4	8	9	13	21	25	18	26	12	19	4	5	1											166
28.25	1			3	4	3	10	4	1		1														27
27.25	1			2		1	2			1															7
TOTALS	5	7	31	87	164	336	493	845	1107	1347	1337	1057	939	710	407	284	143	59	36	14	1	2	0	1	9412

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.462)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.452* Y +118.766 / S.E. = 5.11
FOR Y ... MEAN = 33.11 S.D. = 1.84 ... REQ EQ-- Y = 0.147* X + 8.587 / S.E. = 1.63



Hip Breadth, Sitting

Measure maximum distance across the hips.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =BUTTOCK-KNEE LENGTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
65.25																	1							1	2
64.25																	1		1			1			3
63.25																2	4	2	3	3					14
62.25												1		1	2	5	4	1	11	4	1	1			31
61.25											1		4	12	11	24	24	19	8	1					104
60.25										1	6	5	31	22	48	54	28	14	8	1					218
59.25									2	4	20	52	81	91	84	68	47	11	3	3					466
58.25							1	1	13	31	73	118	179	184	113	69	23	5	2	2					814
57.25							3	10	29	135	190	244	249	168	81	39	9	5							1162
56.25					1	1	8	54	133	258	337	258	212	143	40	13	2	1							1461
55.25				1	4	16	42	104	259	376	378	218	116	58	21	9		1							1603
54.25				2	7	52	120	230	299	311	234	115	50	28	4	1									1453
53.25			1	10	38	82	151	227	229	157	70	33	14	3	2										1017
52.25			4	14	41	100	103	158	111	56	27	11	3		1										629
51.25	2	1	11	25	44	59	38	47	23	13	1	1													265
50.25	2	1	8	21	24	15	19	13	9	5	1	1													119
49.25		4	5	11	5	11	7	1																	44
48.25	1	1	2				1																		5
47.25				3																					3
TOTALS	5	7	31	87	164	336	493	845	1107	1347	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.785)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.920* Y + 60.139 / S.E. = 3.58
FOR Y ... MEAN = 55.58 S.D. = 2.36 ... REQ EQ-- Y = 0.321* X + 2.019 / S.E. = 1.46



Buttock-Knee Length

Measure distance from rear projection of right buttock to front of right kneecap.

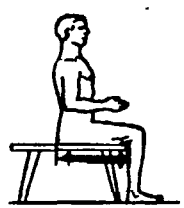
...2.A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =BUTTOCK-POPLITEAL LENGTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
52.75																1	3							1	5
51.75												1		2	3	6	5	7	9	4		1			38
50.75												1	7	7	10	18	14	7	10	3	1	1			79
49.75									1	1	13	9	31	28	42	46	34	16	12	2					235
48.75							1		2	16	22	39	92	87	86	75	43	12	1	4					480
47.75							1	6	24	72	100	147	171	163	119	61	29	9	3	1					906
46.75					1	2	6	32	76	160	248	274	279	206	75	45	12	6	1						1423
45.75					4	15	28	70	177	311	380	274	213	134	53	23	3	1							1686
44.75				6	5	37	99	185	304	365	324	173	95	56	12	9		1							1671
43.75			3	8	30	70	123	252	279	254	159	113	37	20	3										1351
42.75			4	13	38	94	142	179	182	129	68	20	11	6	2										888
41.75	1	1	8	21	47	71	63	83	45	36	20	6	3	1	2										408
40.75	1	4	7	19	28	36	23	34	15	3	3														173
39.75	2		8	12	9	11	4	3	2		1														52
38.75	1	2	1	6	2		2	1																	15
37.75				2			1																		3
TOTALS	5	7	31	87	164	336	493	845	1107	1347	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.740)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 1.997* Y + 76.297 / S.E. = 3.88
FOR Y ... MEAN = 45.34 S.D. = 2.14 ... REG EQ-- Y = 0.274* X - 0.373 / S.E. = 1.44



Buttock-Popliteal Length

Measure distance from rear projection of right buttock to back of right knee.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Buttock-Popliteal Length.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =BACK-WAIST LENGTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
59.25															1										1
58.25																									0
57.25										1			1				2			1		1			6
56.25													1		1	1	1		2	1					7
55.25												1	1	2	2	6	3	1		2					18
54.25									2			6	3	4	4	8	6	6	5						44
53.25								2		2	4	5	12	18	15	21	9	7	3	3	1	1		1	104
52.25								2	2	15	16	29	35	31	33	33	17	13	5	3					234
51.25							2	4	10	27	27	45	57	60	45	38	32	6	4	1					358
50.25					1	3	8	18	34	79	116	119	149	124	91	62	23	13	8						848
49.25				1		5	18	36	57	107	159	141	154	118	57	39	20	7	3	2					924
48.25				1	3	21	32	92	138	244	249	214	178	115	62	32	11	5	4	1					1402
47.25			1	1	9	33	60	100	179	213	232	155	130	94	42	18	6	1	2						1276
46.25			1	7	19	48	78	183	247	256	217	154	84	73	24	7	5								1403
45.25			5	13	30	55	90	128	176	189	137	78	77	35	17	13	4								1047
44.25		2	2	16	38	72	85	118	121	94	93	62	32	20	9	3	3								770
43.25		2	7	20	23	37	53	73	66	67	50	23	12	7	3	2	1								446
42.25	3	1	8	8	17	35	37	46	43	35	22	18	7	6											286
41.25		1	3	9	16	14	18	29	13	10	8	4	3	2	1	1									132
40.25	2		3	6	4	7	8	5	11	3	5	3	1	1											59
39.25		1	1	1	1	1	1	3	4	2	2		1												18
38.25					1	1		3	2	1															8
37.25				3	1	2	2	3	1	2			1												15
36.25						2			1	1	1														5
35.25				1	1		1																		3
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.562)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 1.190* Y +110.817 / S.E. = 4.77
FOR Y ... MEAN = 47.08 S.D. = 2.72 ... REG EQ-- Y = 0.265* X + 2.869 / S.E. = 2.25



Back-Waist Length

Measure along spinal crease of back from base of neck to level of waist (top of hip bones).

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =SHOULDER LENGTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
19.60									1		1	2	4				1	1	1						11
19.10								1	2	2	3	3	6	2	4	3	1		1	1					29
18.60							1		5	4	9	7	11	10	17	7	9		1	1			1		83
18.10				1	2			7	8	15	27	24	31	30	19	18	6	8	2	4	2				204
17.60				1	1	4	7	11	14	32	46	48	41	34	29	28	14	6	7	3	1				327
17.10					4	9	10	33	55	79	95	109	101	95	68	39	40	15	9	4	3				768
16.60					3	6	30	31	77	107	123	146	127	117	96	60	52	25	11	4	4	1	1		1021
16.10				2	10	16	40	66	154	213	273	250	212	224	176	86	66	40	10	11	1			1	1851
15.60	1	2	4	5	26	52	84	134	179	222	242	177	165	119	66	39	22	10	5	1					1555
15.10		1	6	18	46	88	142	214	275	325	313	223	166	117	66	31	19	5		1					2056
14.60	2		8	14	28	58	62	113	122	132	121	88	56	35	17	17	3	2	2						880
14.10	2	3	8	25	26	34	42	57	61	74	65	33	29	25	13	5	3	1							506
13.60			1	4	3	10	10	8	9	15	8	4	3	6	3	2									86
13.10		1		1		5	4	4	7	4	1	4		1											32
12.60						1			1																2
12.10								1																	1
11.60							1			1															2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.265)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.499* Y +143.254 / S.E. = 5.56
FOR Y ... MEAN = 15.74 S.D. = 1.02 ... REQ EQ-- Y = 0.047* X + 7.897 / S.E. = 0.98



Shoulder Length

Measure along top of right shoulder from junction of neck to level of waist (top of hip bones).

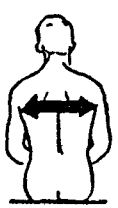
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =INTERSCYE BREADTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
52.25												1													1
51.25												1													1
50.25										1			1		2		1								5
49.25								1	3	1	1	1	2	3					1						13
48.25									1	3	3	2	5		3			2	1						20
47.25						1		2	2	6	6	5	3	10	6	2	2	1							46
46.25						2	4	2	7	15	14	12	11	10	4	4	5		3	1					94
45.25				1		2	2	10	16	14	19	18	19	14	12	6	3	1		2	1				140
44.25				1	2	5	8	13	34	42	52	33	34	34	14	9	3	6	1						291
43.25				5	4	16	17	51	66	73	83	54	72	41	23	29	12	5	1			1			553
42.25			2	2	10	23	29	46	77	97	119	109	88	50	35	31	9	7	3	3				1	741
41.25	1		1	6	9	22	32	60	84	138	122	118	98	79	39	22	15	7	3			1			857
40.25		1	3	8	17	53	73	131	173	215	196	164	141	122	71	49	24	8	8						1457
39.25			2	11	26	46	76	117	153	175	176	135	139	78	49	39	20	8	6	3					1259
38.25	3		4	9	32	44	63	112	138	148	168	122	98	87	39	24	14	4	3	1					1113
37.25			4	22	19	40	58	84	115	139	127	95	85	65	36	29	9	3	3						933
36.25	1	1	8	10	18	31	47	84	78	117	90	77	50	43	31	12	14		1	1					714
35.25		1	3	5	13	17	31	57	72	78	67	48	40	28	25	7	5	1		1					499
34.25		3	1	3	8	17	27	35	49	39	47	35	31	28	10	6	3	1							343
33.25		1	1	1	5	8	12	21	18	28	22	16	14	11	3	6	3	2	1	1					174
32.25			1	2	1	4	5	14	13	10	14	8	6	2	2	8	1	2	1						94
31.25			1	1		4	8	4	4	8	8	2	2	2	2	1				1					48
30.25						1	1	1	3	1	4	1		3	1										16
29.25									1																1
28.25																		1							1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.145)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.277* Y +155.983 / S.E. = 5.71
FOR Y ... MEAN = 39.22 S.D. = 3.03 ... REQ EQ-- Y = 0.076* X + 26.537 / S.E. = 3.00



Intersoye Breadth

Subject's arms are hanging down. Measure across back between armpit creases (scye points).

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =INTERSCYE MAXIMUM

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
72.50													2		1										3
71.00																			1						1
69.50										2	2	1	2	3	1	1	2			1					15
68.00							1			2	6	2	5	5	2	1	2								26
66.50							1	1	2	10	6	10	9	4	8	6	3	5	1						66
65.00					1		2	3	6	7	14	11	21	15	5	9	2	3		1		1			101
63.50					2	2	6	9	12	20	31	31	32	24	25	14	5	3	6	1					223
62.00					2	7	8	19	39	55	54	52	49	33	22	24	15	2	3	1	1				386
60.50				2	8	14	22	51	91	108	126	126	118	82	65	30	17	13	7	1				1	882
59.00			1	3	4	18	33	82	83	160	146	112	116	87	40	46	20	6	8	3					968
57.50			3	9	18	35	54	117	181	220	205	181	152	136	75	53	30	8	3	3		1			1484
56.00			3	14	22	49	69	138	169	197	204	181	128	102	55	28	13	7	4	1					1384
54.50	1		8	13	34	56	88	134	180	201	212	137	124	84	44	29	8	3	1	1					1358
53.00		4	6	14	20	52	73	108	115	130	132	84	58	50	24	15	7	3							895
51.50	4	1	3	12	22	49	81	93	103	117	93	61	52	32	17	16	8	3							767
50.00		1	1	9	18	27	23	35	63	52	53	31	33	19	8	3	7	1	1						385
48.50			2	4	6	14	9	19	24	26	23	9	19	16	6	3	2	1							183
47.00		1	2	3	4	7	10	5	10	16	9	11	6	5	5		1		1						96
45.50			1	1	1	1	6	14	14	11	11	7	5	5	3	2									82
44.00				1	2	2	4	6	10	5	6	5	2	5		4									52
42.50				1		1		4	3	4	2	4	2	1				1		1					24
41.00						1	1	3	1					1											7
39.50						1	2	4		4	3	1	4		1		1								21
38.00			1	1					1	1				1											5
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.254)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.349* Y +147.311 / S.E. = 5.58
FOR Y ... MEAN = 55.98 S.D. = 4.19 ... REQ EQ-- Y = 0.184* X + 25.276 / S.E. = 4.05



Interscye Maximum

Subject's arms and hands are extended fully forward. Measure minimum distance across the back between the scye points.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =SLEEVE INSEAM

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
58.75																					1				1
57.75																				1					1
56.75																									0
55.75														1	1										2
54.75													2		1			1	4	1					9
53.75												1		2	3	3	4	1	3			1			18
52.75								1	1	1		2	3	3	9	9	10	5	4	1				1	50
51.75							1	1	2	1	9	9	18	15	27	33	17	15	4	5					157
50.75									1	1	6	15	33	32	19	30	11	10	5	1		1			165
49.75						1	3	9	13	36	90	88	150	164	115	81	50	19	14	5					838
48.75			1	1		1	10	22	48	141	159	168	204	161	93	56	25	4	1						1095
47.75				1	2	6	25	65	126	221	251	247	210	163	71	41	17	3	1						1450
46.75				3	7	26	46	113	216	276	300	227	156	95	34	22	4								1525
45.75				5	23	52	106	191	271	326	289	175	99	50	22	6	3								1618
44.75			4	9	20	81	101	205	219	202	150	72	51	17	8	3									1142
43.75	1		5	23	42	74	107	136	124	95	68	37	11	4	1		2								730
42.75	1	2	8	17	32	48	57	73	64	35	7	10	1	1	2			1							359
41.75	1	3	6	17	23	24	25	17	17	8	4	3	1		1										150
40.75	1		1	3	9	12	7	6	3	2	4	2		1											51
39.75	1		4	6	4	8	5	5	2	2		1		1											39
38.75		2	2	2	2	3		1		1															13
37.75											1														1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.670)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 1.677* Y + 88.589 / S.E. = 4.28
FOR Y ... MEAN = 46.67 S.D. = 2.30 ... REG EQ-- Y = 0.268* X + 1.950 / S.E. = 1.71



Sleeve Inseam

Subject's arms and fingers are straight and right arm is held away from the body at a 45-degree angle. Measure distance from front edge of right armpit to notch between thumb and wrist.

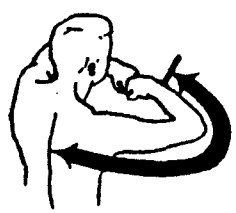
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =SLEEVE LENGTH (SPINE TO WRIST)

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
99.00																				1					1
97.50																	1								1
96.00																		1	2						3
94.50																		1	1	1					3
93.00													1	1	2	4	6	5	2		1	1			23
91.50													4	6		11	6	4	3						34
90.00									1	3	3	4	15	17	33	15	17	13	8	8					137
88.50						1		2	3	14	19	20	50	59	60	52	24	14	4	3		1			326
87.00							1	2	12	29	53	88	106	112	70	68	40	9	7	1				1	599
85.50						1	3	15	42	83	154	183	192	157	98	67	25	3	6						1029
84.00				1		2	11	47	108	193	245	223	230	150	65	35	14	6	3						1333
82.50				1	4	20	47	123	200	315	312	258	175	116	51	24	6	3							1655
81.00				4	5	20	53	151	181	270	226	135	82	40	18	7	2								1194
79.50			2	16	38	93	166	240	323	273	234	105	56	41	7	1	1								1596
78.00	2		5	25	50	77	96	153	146	102	64	25	21	4	2										772
76.50		1	11	15	31	63	62	73	61	44	20	10	4	5											400
75.00	2	1	4	9	20	37	30	26	15	16	4	4	2	2	1		1								174
73.50	1	4	6	8	12	16	19	11	12	4	2	<1													96
72.00		1	2	4	4	2	3	1	2	1	2	1													23
70.50			1	4		3	2	1	1	1			1												14
69.00						1																			1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.683)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ— X = 1.125* Y + 74.432 / S.E. = 4.21
FOR Y ... MEAN = 82.15 S.D. = 3.50 ... REQ EQ— Y = 0.415* X + 12.905 / S.E. = 2.56



Sleeve Length

Subject's upper arms are raised and pointing horizontally, forearms crooked at a 90-degree angle, and hands making fists. Place the two fists against each other in front, knuckles touching. Measure from spinal crease, over the right elbow, to right wrist (middle of styloid process).

.....A BIVARIATE FREQUENCY TABLE FOR

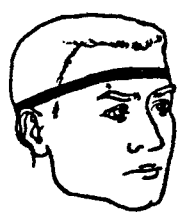
X =HEIGHT (STATURE)
AND
Y =HEAD CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
61.70										1					1		1								3
61.20												1	1			1									3
60.70												1	1		2	1	1								6
60.20											2	4		2		1	2	2	1	1					15
59.70								1	2	1		7	5	2	3	2	1	1							25
59.20								2	1	10	6	11	13	11	8	5	1	1	3	1	1				74
58.70					1	1	1	9	7	13	19	18	13	23	19	14	3	4	1	2				1	149
58.20					1	1	10	13	25	24	31	41	36	40	28	21	14	8	2	1					296
57.70					3	4	8	27	35	55	57	53	54	46	32	20	14	2	4	1					415
57.20		1	1	2	8	12	13	39	44	62	109	94	95	70	36	28	20	8	6	3					651
56.70		1		4	5	10	23	42	63	118	109	113	109	79	43	35	19	8	6	2		1			790
56.20			1	3	14	20	40	78	114	195	166	131	142	85	67	44	21	6	5	1					1133
55.70			1	7	13	30	45	88	132	152	161	150	121	91	44	28	16	8	5	1					1093
55.20			5	11	18	54	69	123	172	201	204	136	120	82	35	35	14	7	2	1					1289
54.70	2		3	7	22	28	74	103	140	166	167	101	90	61	34	19	8	3				1			1029
54.20	1		6	11	18	54	64	122	144	146	128	95	60	61	24	20	3	1							958
53.70		2	2	10	18	48	63	75	94	84	75	40	24	33	20	7	3		1						599
53.20	1	1	3	8	16	30	38	75	63	65	58	40	30	16	9	2	1								456
52.70		1	1	10	15	17	27	22	34	26	26	12	8	4	1	1									205
52.20		1	5	11	5	13	5	11	23	14	9	5	7	3			1								113
51.70			1	1	3	8	6	13	9	12	5	3	7		1										69
51.20			2	1	4	3	5	2	3	3	5	1	3	1											33
50.70				1		3	1		2		1														8
50.20	1						1																		2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.347)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 1.286* Y + 95.740 / S.E. = 5.41
FOR Y ... MEAN = 55.29 S.D. = 1.56 ... REG EQ-- Y = 0.094* X + 39.609 / S.E. = 1.46



Head

Measure maximum circumference at forehead, above ears.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =NECK CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
45.25												1													1
44.25								1		3		1	2		2				1						10
43.25										3	1		3	1		1	2								11
42.25									3	6	1	6	13	8	9	1	1	1	2						51
41.25							1	2	5	10	19	11	18	9	10	9	6	6	1	1		1			109
40.25						2	7	8	19	29	33	46	42	24	21	21	9	7	5	2	1			1	277
39.25				3	9	6	18	28	42	60	73	75	75	53	38	31	13	5	7	3		1			540
38.25			1	2	6	20	29	70	99	136	130	124	120	101	68	52	26	5	5	1					995
37.25				5	13	31	58	112	189	230	260	231	180	151	80	59	28	14	3	5					1649
36.25	1		6	22	31	74	99	205	251	300	313	244	231	168	96	57	37	11	6	1					2153
35.25	1	2	4	19	47	90	130	216	249	282	285	183	155	123	55	31	15	7	4	1					1899
34.25		2	9	21	30	68	95	128	176	199	153	102	72	58	23	18	3	3	2						1162
33.25	3	3	7	9	13	27	44	55	64	73	55	26	25	14	4	4	2								428
32.25			3	4	11	17	6	19	7	13	10	6	3		1		1								101
31.25			1	2	3	1	5	1	2	4	5	1													25
30.25					1		1		1																3
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.308)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 0.955* Y +132.141 / S.E. = 5.49
FOR Y ... MEAN = 36.34 S.D. = 1.86 ... REG EQ-- Y = 0.099* X + 19.824 / S.E. = 1.77



Neck

Measure circumference just below top of Adams's apple.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =SHOULDER CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
147.00													1												1
144.50																									0
142.00													1		1				1						3
139.50													1	1					1						3
137.00										1		2		1											4
134.50										1	2	2		1	2		1	1		1					11
132.00									1	2	4	3	7	1	2		1	1	1	1		1			25
129.50								2		7	3	8	7	5	4	2	5	2	2						47
127.00							2	1	3	10	10	11	15	10	9	6	1	1	1		1				81
124.50					1			4	7	14	12	12	22	11	10	7	4	2						1	107
122.00				1	3	3	5	5	11	16	23	24	32	21	16	14	5	2	2	2					185
119.50					3	3	10	13	26	32	32	34	23	30	18	27	9	5	2	1		1			269
117.00				1	4	8	9	22	38	44	55	67	62	42	30	22	17	4	3	1					429
114.50			1	3	3	7	18	39	63	94	87	96	90	62	55	33	17	6	3	2					679
112.00			2	3	4	28	41	95	136	172	212	159	150	124	67	45	23	11	9	3					1284
109.50			1	8	15	34	70	123	172	233	252	214	179	122	66	48	25	11	5	1					1579
107.00			5	14	24	68	86	185	231	260	250	199	153	140	62	43	17	5	4	1					1747
104.50		2	6	15	48	63	94	147	187	208	196	131	119	81	40	14	8	5	1	1					1366
102.00	3	1	4	16	29	68	81	127	134	168	127	66	60	48	17	19	7	3	1						979
99.50	1	2	4	11	16	39	48	54	72	64	54	21	10	8	6	4	2								416
97.00		2	5	10	6	8	21	21	18	15	16	8	6	1	2		1								140
94.50	1		1	4	3	7	5	6	6	6	1		1	1											42
92.00			2	1	5		2	1	2	1	2														16
89.50							1																		1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.332)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.304* Y +133.731 / S.E. = .44
FOR Y ... MEAN = 108.93 S.D. = 6.31 ... REQ EQ-- Y = 0.363* X + 48.368 / S.E. = .95



Shoulder

Measure circumference of upper body, over bulges of upper arm muscles.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =CHEST CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
124.00													1												1
121.50													1						1						2
119.00																									0
116.50												1							1						2
114.00												1	1	2	1					1		1			7
111.50								1		3	1	4		1	2		2	1							15
109.00								1	2	5	8	5	7	3	6	1	3	1	2	1					45
106.50							1		3	14	7	11	11	12	11	4	2	3	1		1			1	82
104.00						2	2	4	5	9	18	16	26	7	9	9	2	1	1						111
101.50					1	2	2	5	14	17	18	23	27	19	8	11	5	3	3	1					159
99.00					5	2	10	18	25	39	44	57	56	38	31	38	15	9	3	2		1			393
96.50				4	3	12	18	36	65	86	80	78	91	66	49	29	18	2	2	1					640
94.00			2	1	5	23	36	95	132	169	192	173	146	134	76	51	29	13	9	3					1289
91.50			3	10	23	46	63	129	174	242	250	207	182	131	68	46	24	11	5	3					1617
89.00		1	5	16	33	68	121	208	254	294	312	236	187	154	82	57	25	8	6	1					2068
86.50	2		6	20	42	78	98	169	220	219	219	129	118	82	41	19	11	6	1						1480
84.00	1	3	4	22	28	64	82	112	132	163	131	82	63	46	15	11	5		1						965
81.50	1	3	7	8	14	28	37	48	53	68	41	29	19	12	5	5	2	1		1					382
79.00	1		2	5	6	9	19	14	22	15	14	3	2	2	3	3									120
76.50				1	4	2	4	4	5	5	3	2	1	1											32
74.00			2					1	1																4
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.315)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 0.333* Y +136.753 / S.E. = 5.47
FOR Y ... MEAN = 90.37 S.D. = 5.46 ... REG EQ-- Y = 0.298* X + 40.651 / S.E. = 5.18



Chest

Subject is breathing normally. Measure chest circumference at nipple level.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =WAIST CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
114.50													1												1
112.00																									0
109.50										1		2						1							4
107.00										2	1	1	1	2	1		1								9
104.50										2	3	1	2	4					1						13
102.00								1	1	2	5	5	5	1	3	3	1		2			1			30
99.50								1	3	9	9	6	6	2	4	2	3	1			1				47
97.00					1			3	7	10	7	6	15	10	6	4	2	3		2					76
94.50					1	4	2	5	4	15	14	11	13	6	3	8	5		1					1	93
92.00				1	2	2	7	4	16	13	13	17	23	8	14	12	3	1	1						137
89.50				2	2	4	5	8	19	30	18	34	30	19	12	8	2	2	2	1					198
87.00					3	3	11	17	40	41	51	47	46	35	23	8	9	4	3						341
84.50				3	6	11	16	40	55	97	86	81	74	52	28	26	12	5	4						596
82.00			1	1	15	27	40	78	102	136	132	128	97	91	57	41	18	7	4	3					978
79.50		1	6	12	17	41	46	116	147	183	195	139	138	104	63	33	24	6	5	1					1277
77.00		1	3	8	27	65	96	156	201	229	224	190	148	121	74	49	25	10	6	4		1			1638
74.50		2	5	16	29	55	73	146	176	193	226	151	134	112	47	30	13	8	3	1					1420
72.00	3		5	17	24	62	92	134	156	202	184	132	118	70	35	31	14	8	2						1289
69.50	2		4	16	16	37	60	79	112	120	99	67	58	45	27	15	8	2	2	2					771
67.00		3	6	9	11	15	31	41	46	47	51	29	24	18	7	13	1	1							353
64.50			1		7	10	10	12	16	11	16	10	6	7	2	1	2								111
62.00				2	3		4	4	5	5	2			3	1										29
59.50									1		2														3
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.202)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.173* Y +153.433 / S.E. = 5.65
FOR Y ... MEAN = 77.53 S.D. = 6.71 ... REQ EQ-- Y = 0.235* X + 38.326 / S.E. = 6.57



Waist

Circumference at level of navel with abdomen relaxed. Place tape around waist with abdomen "sucked in". Ask subject to relax ("let it out") and loosen tape as abdomen is relaxed. Read circumference when fully relaxed.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =HIP CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
124.25													1												1
122.25																									0
120.25																									0
118.25																									0
116.25																									0
114.25										1			1												2
112.25										1		2			2		1	1	1			1			8
110.25											2	1	2	2		1			1						10
108.25										3	3		4		2		3		1						16
106.25							1			5	11	9	4	5	10	2	4	1		2	1				55
104.25					1	1	1	5	2	6	8	10	13	11	9	13	2	2						1	85
102.25						1	2	1	8	11	19	17	24	17	15	10	7	6	5	1					144
100.25					1	1	1	5	15	31	23	34	47	29	22	27	12	4	1	1					254
98.25					3	4	11	14	32	44	62	63	79	65	45	34	23	3	5	2		1			490
96.25				1	2	7	17	34	62	114	112	113	97	81	60	42	16	12	8	2					780
94.25				3	5	18	35	70	132	185	182	169	153	124	63	40	25	8	6	3					1221
92.25			2	4	17	41	71	151	184	220	263	194	182	126	70	49	27	12	5						1618
90.25		1	4	10	35	66	87	163	217	253	270	216	138	124	61	31	15	7	2	2					1702
88.25			4	16	34	62	93	165	193	228	181	137	119	80	32	18	4	2	1	1					1370
86.25			4	23	28	68	71	143	145	136	115	61	50	32	12	16	4	1							909
84.25	2	4	9	12	19	42	53	64	79	77	67	25	21	10	1										485
82.25	3		4	12	12	16	36	20	26	29	16	6	4	3	3	1									191
80.25		2	4	5	7	8	9	9	9	3	4			1											61
78.25						1	4	1	3	1															10
76.25				1			1																		2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.406)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.489* Y +122.039 / S.E. = 5.27
FOR Y ... MEAN = 91.63 S.D. = 4.79 ... REQ EQ-- Y = 0.337* X + 35.403 / S.E. = 4.38



Hip

Measure circumference around hips at level of greatest buttock protrusion.

...A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =VERTICAL TRUNCK CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
194.25													1						1						2
191.25																									0
188.25													1								1				2
185.25												1	1		2			1	1						6
182.25												1	1	1	2	2	3			1					11
179.25										2	2	1	2	5	1	1	3	1	2			1		1	22
176.25					1			1	3	2	2	8	3	4	6	3	4	5	1	1					44
173.25						1			1	5	13	8	12	12	10	17	12	3	3	2					99
170.25							1	2	4	12	15	25	30	21	30	22	4	1	7	3					177
167.25							1	3	12	24	36	52	69	53	31	39	19	10	5	3					357
164.25					1	2	4	6	24	56	66	77	79	80	62	48	30	16	9	2		1			563
161.25				1	2	6	18	32	67	107	135	152	163	125	78	49	31	10	4	1					981
158.25				1	3	15	22	61	111	198	194	183	164	142	76	44	22	6	2						1244
155.25			2	2	10	28	69	129	170	256	276	221	178	128	55	35	10	5							1574
152.25			1	5	16	48	70	169	236	270	294	174	130	84	40	18	5	1		1					1562
149.25		1	3	20	36	68	108	197	227	216	176	99	69	43	12	4			1						1280
146.25	1	2	5	13	33	70	89	136	147	138	91	37	27	8		2									799
143.25	2	1	9	24	35	55	65	75	74	44	24	9	6		1										424
140.25		1	4	11	21	25	33	26	23	11	9	5	1	2	1										173
137.25	1	2	4	8	3	13	10	7	6	3	2	3	1	1											64
134.25			3	2	2	5	1		1	3	1	1	1	1											21
131.25	1				1		2	1	1	1	2														9
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.568)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.441* Y + 98.580 / S.E. = 4.74
FOR Y ... MEAN = 154.80 S.D. = 7.43 ... REQ EQ-- Y = 0.732* X + 32.668 / S.E. = 6.11



Vertical Trunk

Measure vertical circumference through the crotch, over the right buttock, and over the midpoint of the right shoulder.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =ARMSCYE CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
58.50											1		1												2
57.00											1						1								2
55.50									1	2	1	1	2		3	1									11
54.00										1	1	5	3	2	2		1	3							18
52.50							1	2	2	9	11	9	6	4	3	2	3	2	1						55
51.00							4	3	3	8	3	5	9	7	8	1		1	2	2		1			57
49.50				1	4		9	6	19	23	18	32	28	22	17	15	7		4	1					206
48.00				1			6	13	17	18	35	20	29	19	17	9	10	1	2					1	198
46.50			2	2	6	9	14	23	45	72	67	63	73	50	30	35	14	5	5	2	1	1			519
45.00			1	2	3	6	16	36	47	78	75	86	66	61	37	25	10	6	3	4					562
43.50			1	6	12	32	58	102	144	180	213	194	179	136	81	56	28	16	8	3					1449
42.00				10	9	31	48	98	154	188	185	148	146	106	57	43	21	8	2	1					1255
40.50	1		8	22	50	100	136	271	317	387	397	270	222	187	96	50	26	12	8						2560
39.00	1	1	4	10	19	56	80	130	133	162	153	103	71	56	26	26	12	4							1047
37.50	3	4	6	24	38	72	85	105	160	158	122	93	83	44	24	14	7	1	1	1					1045
36.00		1	5	5	12	20	20	32	39	40	33	15	13	12	2	2	2								253
34.50		1	4	2	10	10	13	18	23	18	19	7	6	3	3	5									142
33.00				2	1		2	3	1	4	1	2	2	1			1								20
31.50							1	2	1		1	4			1										10
30.00								1	1		1														3
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.271)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 0.462* Y +147.652 / S.E. = 5.55
FOR Y ... MEAN = 41.55 S.D. = 3.38 ... REG EQ-- Y = 0.159* X + 15.019 / S.E. = 3.26



Armscye

Subject's right arm is hanging straight down. Measure vertical circumference with tape as high as possible under right armpit and passing over acromion (knob on top of outside edge of right shoulder).

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =UPPER ARM CIRCUMFERENCE, RELAXED

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
38.25													1												1
37.25														1											1
36.25													3		2										5
35.25								1		1	3	1	1	1	2		1		1						12
34.25							2	1	1	3	1	4	3	2	1		1	3	1	1					24
33.25							1		1	7	6	10	16	7	5	3	3	1	1			1			62
32.25					3		1	3	7	17	10	15	14	11	10	9	3	2	2	1					108
31.25				2		2	3	4	12	17	27	24	23	20	13	7	6	2	1		1				164
30.25					2	4	10	16	28	49	41	49	41	33	20	13	6	2	2	1				1	318
29.25				1	5	9	17	27	60	59	64	67	63	43	30	18	15	2	3	3					486
28.25			2	3	10	21	32	70	91	121	107	87	85	63	41	41	18	11	5	1					809
27.25			5	10	14	40	72	126	156	194	214	158	149	104	61	42	14	8	4	1		1			1373
26.25		1	4	19	32	68	55	158	215	235	241	196	165	129	83	47	28	9	4	2					1691
25.25	1	1	1	16	37	65	118	171	213	269	268	191	164	131	57	40	19	10	7	2					1781
24.25	2	3	9	12	24	70	95	142	177	207	176	150	124	93	50	40	20	4	4	1					1403
23.25	1		5	13	16	39	46	76	91	116	113	73	59	52	23	11	4	3	1	1					743
22.25	1		2	6	14	14	32	36	37	40	52	26	23	19	7	11	3	2							325
21.25		2	3	3	6	2	6	10	12	10	13	3	5	1	2	2	1								81
20.25				2	1	2	2	4	6	2	2	3					1								25
19.25										1															1
18.25							1																		1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.196)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 0.490* Y +154.074 / S.E. = 5.66
FOR Y ... MEAN = 26.07 S.D. = 2.30 ... REG EQ-- Y = 0.078* X + 13.052 / S.E. = 2.26



Upper Arm

Measure circumference of right upper arm midway between shoulder and elbow with biceps relaxed.

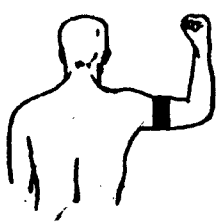
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =BICEPS CIRCUMFERENCE, FLEXED

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
40.75													2												2
39.75												1		1					1						3
38.75										1	2		2	2	3		1								11
37.75								1			4	4	4		3		1	2							19
36.75					1		1		2	5	1	4	5	3	2	2	2	2		1					31
35.75				1			3	3	5	12	6	8	16	10	9	4	3	2	3						85
34.75					1		1	2	2	22	13	18	16	10	13	5	4	1		1		1			110
33.75						4	7	7	11	23	24	22	27	12	12	11	6		3		1				170
32.75					3	2	7	20	28	31	49	41	39	35	16	12	3	4	1	3				1	295
31.75			1	2	5	7	13	28	52	42	61	65	51	45	21	20	15	4	3	1					436
30.75			1	3	7	21	32	64	77	126	114	103	80	63	48	43	20	7	2	1					812
29.75			6	8	15	31	49	101	153	175	188	130	155	99	65	44	19	7	5	2		1			1253
28.75			2	13	24	52	66	132	184	203	217	189	141	112	66	38	22	11	7	2					1481
27.75	1	2	3	17	32	67	94	168	208	245	234	193	159	136	68	45	21	8	6	1					1708
26.75		2	3	13	24	76	95	146	171	216	199	141	103	95	37	29	17	3	4	1					1375
25.75	2	1	5	15	29	40	65	94	124	152	133	89	92	56	31	20	5	4		1					958
24.75	2		6	8	13	22	32	48	59	68	60	38	37	24	11	7	2	4	1						442
23.75			2	5	7	11	19	20	22	19	27	11	6	7		3	1								160
22.75		2	1		2	3	6	9	6	5	5		3		2	1	1								46
21.75			1	2			2	2	3	2	1		1												14
20.75					1		1			1															3
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.217)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.497* Y +152.611 / S.E. = 5.63
FOR Y ... MEAN = 28.64 S.D. = 2.51 ... REQ EQ-- Y = 0.094* X + 12.959 / S.E. = 2.45



Biceps

Measure circumference on right arm with biceps flexed and hand making a fist.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =FOREARM CIRCUMFERENCE, FLEXED

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
33.85													4	3			1	1							9
32.85							1		1		4	2	4	1	1		2		1						17
31.85					1	1		4	2	8	4	4	7	4	7	5	4	2	1	2					56
30.85							4	3	6	24	24	24	21	14	11	11	4	2	3	2		2			155
29.85				2	2	4	9	13	38	52	43	50	59	42	31	27	13	2	3	2	1				393
28.85				5	4	17	20	50	82	110	126	115	94	76	42	33	19	13	7	1					814
27.85			2	2	18	38	50	126	168	183	208	162	162	143	81	60	32	12	8	1				1	1457
26.85		1	3	15	34	65	90	160	222	313	296	234	216	161	95	48	25	6	5	1					1990
25.85	2	2	8	16	27	71	108	202	228	254	278	228	164	120	69	54	18	8	5	2					1864
24.85	1	1	6	23	42	67	102	154	198	228	206	145	121	88	47	28	19	8	3	2					1489
23.85	2	1	8	12	20	53	64	88	101	125	98	68	64	42	15	11	5	5		1					783
22.85			2	9	13	12	30	32	45	39	42	20	20	14	6	7									291
21.85		2		2	2	8	8	10	11	9	8	4	2	2	1		1								70
20.85			1	1			7	2	4	3	1	1	1		1										22
19.85			1		1			1	1																4
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.243)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 0.738* Y +147.284 / S.E. = 5.59
FOR Y ... MEAN = 26.51 S.D. = 1.90 ... REG EQ-- Y = 0.080* X + 13.161 / S.E. = 1.84



Forearm

Measure maximum circumference around right forearm with muscle flexed and hand making a fist.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =WRIST CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
20.40															1										1
20.10										2			1	2	1	1	2	2							11
19.80																									0
19.50										2	1			3	2	1	3	2							14
19.20									1		1	1	1	1	3		1	1	2						12
18.90						1	1	5	5	10	14	19	22	18	17	11	11	4	4	2		1			145
18.60						1	1	5	5	20	20	11	24	13	11	8	4	1	3	2	1	1			131
18.30							1	1	7	12	10	7	8	7	12	10	2	1	1						79
18.00				4	7	13	18	35	76	116	109	113	120	92	73	44	28	10	7	2				1	868
17.70			1		3	3	4	7	11	18	20	26	30	19	10	9	5	2	2	2					172
17.40				1	5	15	29	40	64	83	103	77	64	68	39	31	22	7	3	1					652
17.10		1	2	7	25	56	101	187	230	312	359	278	252	201	95	69	31	13	10	2					2231
16.80			1	4	5	11	14	29	57	57	63	41	33	30	15	12	2			2					376
16.50		1	5	12	19	51	57	112	150	185	179	148	117	78	48	31	15	4	2						1214
16.20			1	5	5	12	23	47	57	76	61	52	47	36	17	7	4	1							451
15.90	1		6	19	39	85	126	202	243	283	251	172	147	91	44	37	11	10	2						1769
15.60		1	6	9	22	32	36	78	91	75	63	58	26	28	13	7		1		1					547
15.30				3	10	14	17	30	32	34	28	22	21	8	1	2	1								223
15.00	3	2	5	16	16	28	45	50	56	53	44	21	21	11	4	4	1								380
14.70				1	3	4	6	4	7	3	5	4		1											38
14.40		2		5	1	7	11	6	9	5	4	3	3	2	1										59
14.10	1		4	1	4	2	3	5	6	1	3	4	2	1											37
13.80																									0
13.50						1		2		1															4
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.328)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 2.042* Y +132.808 / S.E. = 5.45
FOR Y ... MEAN = 16.67 S.D. = 0.93 ... REQ EQ-- Y = 0.053* X + 7.827 / S.E. = 0.87



Wrist

Measure circumference of right wrist above protrusion of the wristbone.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =HAND CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
25.95																		1							1
25.55																									0
25.15										1					2		1	1							5
24.75																									0
24.35										1	4	1		1	1	1	3	1							13
23.95							1	1	1	2	11	10	7	15	10	7	8	4	3			2			82
23.55							1	1	3	9	3	7	9	11	6	2	5	1	3	1	1				63
23.15					2	3	5	14	33	61	67	73	60	61	48	32	18	6	8	3					494
22.75						1		3	5	8	7	8	7	7	5	2	2		1						56
22.35				1	4	8	10	30	36	63	82	68	83	55	43	27	18	8	4	1				1	542
21.95			4	4	14	38	56	113	172	234	236	200	192	164	89	67	26	16	5	2					1632
21.55				5	17	20	38	73	96	129	143	110	108	88	46	39	14	2	6	1					935
21.15	1	1	6	16	35	90	149	261	305	353	334	263	232	135	91	59	25	7	5	1					2369
20.75			1	1	3	10	14	28	49	57	53	35	38	26	15	7	4	2		1					344
20.35		1	5	16	17	52	49	109	119	149	149	108	72	57	21	16	10	6	1	3					960
19.95	1		5	22	34	67	86	123	167	175	165	121	86	57	17	22	7	3		1					1159
19.55		2	3	7	13	21	38	44	60	46	42	29	19	12	6		1								343
19.15	2	2	5	11	12	15	28	33	41	41	28	15	20	19	6	3		1							282
18.75				1	2	2	5	2	5	4	7	3	2												33
18.35	1	1	1	1	7	8	6	1	10	11	4	4	3	2	1		1								62
17.95				2	4	1	5	9	4	3	3	1	1												33
17.55							1					1													2
17.15			1				1		1	1															4
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.316)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.718* Y +130.538 / S.E. = 5.47
FOR Y ... MEAN = 21.13 S.D. = 1.06 ... REQ EQ-- Y = 0.058* X + 11.457 / S.E. = 1.01



Hand

Measure circumference of right hand around base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =CROTCH-THIGH CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
72.50													1												1
71.00																									0
69.50											1	1	1		1				1	1					6
68.00										2		4	2	2	1		1								12
66.50							1			2	2	3	6	3	2	1	3	1	1						25
65.00								2	3	2	1	3	5	3	4	1	1	1				1			27
63.50						1	1	4	3	10	16	9	17	5	8	8	5	2			1				90
62.00							4		4	9	15	14	18	8	6	9	4		2	1				1	95
60.50					3	2	8	10	30	30	38	45	45	29	26	15	5	2							288
59.00			1	2	1	6	7	9	27	46	33	35	30	21	17	8	5	5	2						255
57.50				2	10	15	18	43	75	112	105	105	75	81	39	34	18	7	3	3					745
56.00				2	9	13	22	48	60	77	99	59	69	43	37	16	14	2	3	2					575
54.50	1		4	3	20	36	54	133	175	194	211	179	153	108	69	58	24	7	7	1		1			1438
53.00			1	4	14	38	52	79	99	139	140	132	98	91	40	31	13	9	3	1					984
51.50		2	7	23	29	57	104	167	205	260	243	171	164	110	67	43	16	10	10	2					1690
50.00	1		2	11	17	62	62	121	149	163	158	113	87	83	34	22	18	8	3						1114
48.50	3	2	5	18	27	55	84	122	147	149	138	109	95	59	33	26	9	4	1	1					1087
47.00			4	6	10	18	28	50	55	79	64	41	35	32	15	9	4			1					451
45.50		2	4	9	15	20	29	41	57	58	49	22	28	24	6	1	2	1							368
44.00		1	2	3	6	8	11	11	10	8	15	7	3	4		2	1			1					93
42.50			1	2	3	3	3	4	6	6	7	2	2	2	1										42
41.00				2		2	3		1	1	2	3	2	1	1										18
39.50							2	1	1		1		2	1											8
38.00										1															1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	938	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.226)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 0.311* Y +150.499 / S.E. = 5.62
FOR Y ... MEAN = 52.56 S.D. = 4.18 ... REG EQ-- Y = 0.164* X + 25.200 / S.E. = 4.08



Crotch-Thigh

Measure circumference of right thigh just below buttock crease.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =LOWER THIGH CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
48.75											1				1										2
47.75							1					2							1						4
46.75										2	1		3		2	2		1							11
45.75							1			2		1	6	2	1	1	2			1					17
44.75							1		2	3		3	4	1	7	1	3		1	1		1			28
43.75						1		3	2	3	6	4	11	5	6	4	2	3	1	1					52
42.75					1		1	4	7	9	7	7	19	8	10	11	6	1	1	1					93
41.75			1				1	10	13	26	35	27	35	23	18	14	8	1			1				213
40.75				1	2	4	9	15	26	43	49	54	49	37	36	21	13	3	2					1	365
39.75				3	6	8	19	20	59	75	84	76	72	71	34	32	17	6	6	1					589
38.75				2	8	12	28	60	81	111	138	136	102	83	52	41	21	8	6	3		1			893
37.75			1	4	10	35	46	98	130	180	189	157	151	123	64	42	22	11	8	2					1273
36.75		1	5	5	17	43	79	134	172	209	221	187	131	96	48	43	15	5	1	2					1414
35.75	1	1	5	15	23	65	90	148	199	226	177	144	151	107	45	26	18	11	6						1458
34.75			5	18	31	55	84	152	177	192	191	133	99	70	47	15	5	2	3	1					1280
33.75		1	3	12	22	58	58	105	105	167	122	74	56	49	21	21	4	4		1					883
32.75			5	10	19	21	30	56	87	62	76	34	29	23	10	6	3	2							473
31.75	2	2	2	8	16	18	22	23	30	27	29	16	17	7	4	1	2	1							227
30.75	2		3	4	7	11	18	6	13	8	8	1	3	5		3	1								93
29.75		2	1	4	2	4	3	9	3	2	3	1	1		1		1								37
28.75								2	1																3
27.75				1		1	2				1														5
26.75										1															1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.304)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ— X = 0.665* Y +142.444 / S.E. = 5.49
FOR Y ... MEAN = 36.70 S.D. = 2.63 ... REQ EQ— Y = 0.139* X + 13.504 / S.E. = 2.51



Lower Thigh

Measure circumference of right thigh just above kneecap.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =CALF CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
44.25												2		1											3
43.25										1			1	1					1						4
42.25										1	1	2	5	2	1	1	3		2						18
41.25								1		2	3			3	5		3	1							18
40.25							1		1	5	10	9	9	11	5	6	5	5	1	1	2				71
39.25									2	5	12	12	17	16	15	12	9	5	3	2	1		1		112
38.25					1	2	1	4	9	16	28	29	38	34	28	15	19	13	1	1	1	1			241
37.25						3	6	13	24	37	59	64	66	65	49	39	31	11	6	4	2			1	480
36.25				1	2	7	14	31	47	75	83	109	112	110	67	43	41	21	7	7	3		1		781
35.25				2	4	13	23	48	95	134	175	174	148	153	113	73	40	31	12	5	1				1244
34.25			1	2	7	25	47	80	140	198	260	264	196	183	142	76	56	18	9	6	2				1712
33.25		2		4	13	22	64	82	167	213	264	235	191	141	115	61	42	13	7	4					1640
32.25			1	5	18	27	62	97	157	190	215	217	160	102	104	44	23	10	6	2	1				1441
31.25			3	5	18	33	56	73	123	130	148	126	74	74	40	19	11	7	3	1	1				945
30.25	1	2	8	13	20	41	38	50	84	72	71	34	36	17	12	6	3	3							511
29.25	2		3	6	10	16	18	20	18	14	23	8	5	6	1										150
28.25			1	1	1	3	8	7	2	2			3	1											29
27.25				3	1	1	1	2		2	1			1											12
26.25				1		1																			2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.307)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.782* Y +140.442 / S.E. = 5.49
FOR Y ... MEAN = 33.77 S.D. = 2.26 ....REQ EQ-- Y = 0.120* X + 13.744 / S.E. = 2.15



Calf

Measure on right leg at point of greatest calf circumference.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =ANKLE CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
27.15										1															1
26.75																									0
26.35																1		1							2
25.95										1			2		1		2		1						7
25.55								1			1		1	2			2	1							8
25.15							1			2	2	1	6	10	4	4	5	2	1	1				1	40
24.75										1	1	1		2	1	3			2						11
24.35							1	3	2	6	6	6	8	5	6	7	5	2		1					58
23.95					1		1	6	11	17	30	28	38	26	28	16	15	3	3	2					225
23.55					1	2	3	2	9	21	17	22	24	17	18	17	9	2	2			1			167
23.15				1	3	5	18	35	51	79	106	105	104	82	55	48	31	10	9	5	1	1			749
22.75					1	2	3	5	11	15	30	26	27	19	17	16	8	2	2						184
22.35				1	5	12	12	36	68	84	94	85	95	72	41	29	17	10	7	1					669
21.95			3	2	14	37	61	146	182	252	250	208	159	140	81	47	19	11	2	1					1615
21.55			1	4	14	23	30	73	116	125	143	111	112	72	39	30	6	5	3	1					908
21.15		2	4	14	35	68	114	197	245	329	300	227	172	142	53	39	16	4	2	2					1965
20.75			1	5	11	10	26	43	58	58	64	48	40	25	16	4	2	4	1						416
20.35	1	1	4	12	8	48	64	85	112	133	120	86	68	51	25	11		1	1						831
19.95	1		9	19	34	73	97	141	149	156	122	81	66	30	19	10	3	1							1011
19.55		2	3	10	14	23	29	27	44	29	28	8	9	10	2	2	3								243
19.15	1	1	4	13	15	20	19	33	30	28	22	12	6	4	1										218
18.75	1	1	1	1	2	4	4	2	2	4		1	2	1											26
18.35				4	3	7	6	8	6	2	1	1													38
17.95	1		1		2	2	4	2	2	3	1														18
17.55				1	1					2															4
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.389)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.880* Y +126.600 / S.E. = 5.31
FOR Y ... MEAN = 21.41 S.D. = 1.19 ... REQ EQ-- Y = 0.080* X + 8.060 / S.E. = 1.10



Ankle

Measure on right leg at point of least circumference above ankle bone.

.....A BIVARIATE FREQUENCY TABLE FOR

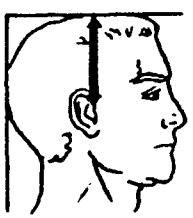
X =HEIGHT (STATURE)
AND
Y =HEAD HEIGHT (TRAGION-TO-VERTEX)

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
15.60													1											1	2
15.30													1		1		1								3
15.00									1	1		2	3	2	2										11
14.70					1				3	4	7	4	5	4	2	3		1							34
14.40					1	1	3	7	4	16	12	21	20	12	9	7	6	2	4	1					126
14.10					1	5	6	16	20	39	35	42	40	34	20	16	8	4	2	1					289
13.80		1		2	4	10	14	23	41	67	70	60	45	51	26	30	15	5	4	3	1				472
13.50				1	9	17	34	71	79	115	156	111	118	91	51	35	19	8	2	1					918
13.20			4	6	12	33	57	87	141	192	190	155	142	90	65	46	15	14	9						1258
12.90			4	12	18	52	69	145	187	227	213	162	156	108	64	57	21	5	6	2					1508
12.60		3	1	15	22	54	86	161	210	238	212	166	139	109	54	34	26	6	4	3		1			1544
12.30	1		6	14	32	51	81	131	137	184	186	123	99	89	54	27	17	5	3	2					1242
12.00	1	1	5	15	23	38	57	68	107	114	100	83	80	50	26	15	6	7		1		1			798
11.70	2	1	5	10	14	33	40	62	76	69	36	58	31	33	11	6	5		2						534
11.40			1	5	17	15	24	46	49	40	41	43	29	19	10	4	1	2							346
11.10		1	4	6	9	17	12	23	31	22	16	15	15	8	9	1	2								191
10.80				1		5	7	3	11	10	9	4	9	4	3	2	1								69
10.50	1		1		1	3		8	8	8	3	8	3	5											49
10.20						2	3	3	1	1	2		1	1		1									15
9.90								1	1	1			2												5
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.203)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ— X = 1.537* Y +147.306 / S.E. = 5.65
FOR Y ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- Y = 0.027* X + 8.209 / S.E. = 0.75



Head Height

Measure vertical distance from notch in front of right ear (tragion) to top of head with large sliding caliper.

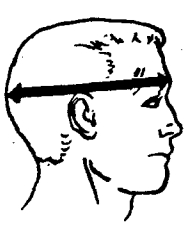
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =HEAD LENGTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
21.35															1		2								3
20.95							1		2	1		4	3	1	1	2		2	1						18
20.55						1	2	4	2	8	6	14	6	12	12	11	1	2	1	1					83
20.15					4	5	8	15	22	34	52	41	40	47	30	18	13	6	1	1	1			1	339
19.75		1	1	3	12	16	24	56	69	106	108	106	115	80	45	37	22	11	7	3		1			823
19.35			1	7	18	34	48	127	143	226	253	202	194	123	89	62	38	13	10	6					1594
18.95	2		6	17	31	60	83	182	220	305	294	224	214	161	86	53	19	11	7	1					1976
18.55		1	8	19	35	71	106	170	267	253	268	211	147	124	69	47	31	9	7	2		1			1846
18.15	1	2	5	16	28	71	87	130	176	209	191	139	118	95	39	32	8	4	2						1353
17.75	1	2	3	14	21	32	66	84	98	114	86	70	54	33	22	13	5	1							719
17.35		1	6	9	8	27	44	52	68	64	56	30	33	27	10	9	4								448
16.95	1		1		2	16	19	18	33	20	14	13	11	6	3										157
16.55				2	5	3	4	7	7	6	10	2	4	1											51
16.15							1			2		1													4
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.237)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ— X = 1.815* Y +132.843 / S.E. = 5.60
FOR Y ... MEAN = 18.74 S.D. = 0.75 ... REG EQ— Y = 0.031* X + 13.563 / S.E. = 0.73



Head Length

Measure maximum length of the head from slightly above the eyes on the forehead to the back of the head with the spreading caliper.

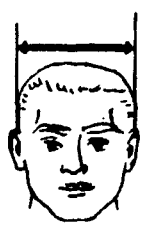
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =HEAD BREADTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
17.35								1				1				1			1						4
17.15										2	2	1	1			1									7
16.95								2	2	2	2	3	2		4	1									18
16.75						1		1	2	1	4	3	3	1	1	1									18
16.55					1	1	6	7	11	10	4	3	5	5	3	4	3								63
16.35					1	2	2	9	10	12	19	13	11	8	5	4	1		1						98
16.15					2	8	13	9	26	36	27	25	19	19	6	9	8	3	1						211
15.95					2	10	13	26	37	35	45	48	33	25	19	13	4	1	1	1					313
15.75		1	1	3	3	10	35	40	62	66	57	60	55	50	22	18	8	4	3	1					499
15.55	1	2	1	6	12	21	34	51	79	99	104	73	59	63	38	22	12	6	3	1				1	688
15.35			1	3	12	21	35	57	73	99	88	80	70	55	30	29	15	9	3	3	1				684
15.15			4	5	11	24	36	71	92	118	119	110	87	54	35	28	12	6	6	2		1			821
14.95		1	2	11	12	28	54	84	108	152	155	110	122	92	54	27	25	8	4			1			1050
14.75	1		2	4	11	49	64	103	121	161	168	126	108	84	52	31	10	5	3	4					1107
14.55	1		4	10	29	47	63	101	135	159	177	142	126	89	50	43	12	8	4						1200
14.35			3	14	21	34	55	82	111	150	120	102	82	53	31	27	10	5	2	1					903
14.15		1	7	9	18	30	28	75	102	98	111	72	73	52	23	15	11	2	2	1					730
13.95	1	2	2	10	11	17	21	58	61	82	68	42	38	24	19	8	9	1	1						475
13.75			3	6	9	17	16	35	42	36	41	24	25	23	10	1	3								291
13.55	1		1	3	5	10	12	25	20	21	19	13	10	7	2	1			1						151
13.35					1	4	2	3	5	7	5	2	6	2	2			1							40
13.15				2	2		1	3	6	2	3	1	2	3	1										26
12.95				1	1	1	3		2			1		1											10
12.75								1				1	2												4
12.55						1		1				1													3
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.114)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 0.980* Y +152.282 / S.E. = 5.73
FOR Y ... MEAN = 14.86 S.D. = 0.67 ... REG EQ-- Y = 0.013* X + 12.693 / S.E. = 0.67



Head Breadth

Measure, from behind subject, maximum breadth of head (usually above and behind the ears) with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =FOOT LENGTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
32.20																			1						1
31.70																									0
31.20																1		1							2
30.70																			1						1
30.20															2	1	1	1			1				6
29.70									1		1		3	4	6	5	7	4	5	3		1			40
29.20										1	3	6	9	7	14	12	13	4	6	2		1		1	79
28.70										2	4	16	22	21	29	33	15	14	5	3					164
28.20								1	1	7	21	42	49	66	56	46	19	9	5	3					325
27.70						2	2	5	13	43	83	90	133	115	85	57	33	13	2	2					678
27.20					1	1	6	32	57	130	158	153	192	155	92	60	24	9	5	1					1076
26.70				1	3	6	19	64	136	211	267	230	197	142	57	38	21	3	3						1398
26.20			1	2	6	21	37	142	219	302	312	224	174	98	33	19	6		2						1598
25.70			3	7	16	45	87	190	227	303	262	162	92	63	25	9	3	1	1						1496
25.20	1	1	5	9	18	68	114	163	223	190	134	94	41	34	6	3	1								1105
24.70		2	7	21	36	85	115	135	136	94	57	26	20	4	2										740
24.20			2	16	50	50	70	83	67	51	27	11	6	1											434
23.70	3	1	5	19	24	34	30	20	19	13	7	3	1												179
23.20		2	4	6	7	19	11	3	8	1	2														68
22.70	1	1	3	4	3	4	2	2																	20
22.20				2		1																			3
21.70			1																						1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.664)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ— X = 3.183* Y + 84.137 / S.E. = 4.31
FOR Y ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ— Y = 0.138* X + 2.960 / S.E. = 0.90



Foot Length

Subject's right foot is placed in foot box with heel touching the end barricade and with right edge of widest part of foot touching the side barricade. Measure the maximum length of the foot from back of heel to tip of longest toe.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =INSTEP LENGTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
23.00														1											1
22.50																									0
22.00																1									1
21.50													1												1
21.00													2	4	5	3	3	2	4	2					25
20.50													1	2	1	2	2		2			1			11
20.00								1	2	1	10	7	18	18	26	16	10	4	4	2					119
19.50								1	3	8	12	15	24	24	18	8	7	3	2						125
19.00						3	3	19	33	44	72	106	98	95	51	46	24	14	4	2	1				615
18.50			1	1	1	6	5	24	34	49	64	66	50	33	28	13	7	4		1				1	388
18.00			1	3	8	13	35	105	133	197	229	166	167	120	75	47	25	10	2	3					1339
17.50		1		2	3	18	29	50	89	98	82	62	63	44	16	17	3		2						579
17.00			4	9	21	57	103	134	197	226	227	159	109	103	38	25	11	3							1426
16.50				11	17	38	42	65	78	87	54	37	44	10	7		1								491
16.00	1	1	3	14	29	47	59	92	112	94	74	58	32	21	9	2			1						649
15.50		4	5	9	17	20	19	20	27	22	9	11	5	1	1										170
15.00	1		4	1	10	12	18	20	13	9	10	6	3	1		2									110
14.50				2		3	3	2	2	1															13
14.00			1	2	2		2	2	2	1															12
13.50										1															1
13.00				1						1															3
12.50																									0
12.00																									0
11.50						1																			1
TOTALS	2	6	19	55	108	218	318	535	725	839	844	693	617	477	275	182	93	40	21	10	1	1	0	1	6080

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.487)

FOR X ... MEAN = 166.91 S.D. = 5.78 ... REG EQ-- X = 2.474* Y +123.717 / S.E. = 5.05
FOR Y ... MEAN = 17.46 S.D. = 1.14 ... REG EQ-- Y = 0.096* X + 1.436 / S.E. = 0.99



Instep Length

Subject's right foot is in same position in foot box as for No. 68. Measure distance from back of heel to widest part of foot (ball of foot).

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =FOOT BREADTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
12.45						1	1	2		1	1	2	4		1		1	1							15
12.25								1																	1
12.05							1	2	8	14	15	15	18	10	8	8	9	3	3	1					115
11.85											1														1
11.65											2			1			1								4
11.45				3	7	8	4	26	35	59	65	60	57	58	37	28	18	7	7	2		1			482
11.25							1	1			2	1	2	1	2										10
11.05			3		8	27	52	113	147	193	215	183	187	166	111	78	34	16	11	4	1	1			1550
10.85										1	2	2					1								6
10.65								1	2	2	4	4		5	5	3	3								29
10.45			4	14	30	87	113	211	293	421	388	327	293	214	126	102	50	17	9	3				1	2703
10.25						1	1	2	5	2	2	7	2	1			2								25
10.05	1	1	9	30	58	109	144	285	360	400	411	274	255	182	87	49	18	13	5	3					2694
9.85																									0
9.65			1	1			1	1	4	2	3	2		1		1									17
9.45	3	3	13	21	44	76	105	145	185	189	179	141	100	60	29	14	6	1	1	1					1316
9.25									1	3	1		1												6
9.05	1	1	1	13	12	23	57	45	59	57	42	39	17	11	1	1		1							381
8.85																									0
8.65																									0
8.45		1		5	4	3	13	9	7	3	4		3												52
8.25																									0
8.05		1			1	1		1	1	1	1														7
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.284)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 2.532* Y +140.772 / S.E. = 5.53
FOR Y ... MEAN = 10.30 S.D. = 0.65 ... REG EQ-- Y = 0.032* X + 4.959 / S.E. = 0.62



Foot Breadth

Subject's right foot is in same position in foot box as for No. 68 and No. 69. Measure maximum breadth of foot at ball of foot.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =HEEL BREADTH

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
8.55																			1						1
8.35																			1						1
8.15												1	2	3		3	3		1						13
7.95								1	2	3	8	3	6	8	8	2	8	2	1	1					53
7.75				1		1	1	2	2	5	6	6	6	8	4	6	3	3							54
7.55					1	1	2	6	12	15	29	26	39	29	27	16	17	6	2	2		1			231
7.35					1	1	6	12	28	29	47	70	48	41	41	24	18	13	6	3	1			1	390
7.15			1		8	10	25	51	100	118	152	142	147	124	69	56	23	8	10	3					1047
6.95		1	4	8	21	58	73	188	261	353	396	309	275	214	118	94	39	14	11	3		1			2441
6.75		1	2	9	21	56	62	144	186	243	215	197	150	98	62	28	16	7	3	1					1501
6.55	1		5	18	44	107	173	236	286	347	296	208	177	132	54	44	15	4		1					2148
6.35	2	3	9	17	29	46	69	99	113	120	109	46	53	33	10	6	1	2							767
6.15	2	1	6	16	20	42	57	70	87	76	57	32	25	14	8	5									518
5.95		1	3	16	17	13	20	33	28	37	23	15	11	6	6										229
5.75			1	2	2	1	2	1	1	1		2													13
5.55							3	1	1	1															6
TOTALS	5	7	31	87	164	336	493	844	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.370)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 5.788* Y +127.538 / S.E. = 5.36
FOR Y ... MEAN = 6.79 S.D. = 0.37 ... REG EQ-- Y = 0.024* X + 2.787 / S.E. = 0.34



Heel Breadth

Subject stands on flat surface. Measure maximum breadth of right heel behind and below the projections of the ankle bones with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =BALL-OF-FOOT CIRCUMFERENCE

Y /X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
31.10										1		1			1				1						4
30.60																									0
30.10								1	1		1	1	1		1	2	4	2		2					16
29.60													1	1		2	1								5
29.10							1	2	7	12	12	16	12	21	12	11	8	4	4	1		1			124
28.60									1	5	2	2	2	6	3	6	4	2							33
28.10			1		6	3	7	22	41	63	66	72	85	70	66	45	27	11	10	3	1	1			600
27.60						1	2	4	2	6	15	12	19	14	15	6	6	3							105
27.10			1		7	28	43	77	139	209	236	232	198	160	103	81	40	18	10	1					1583
26.60					1	3	7	14	23	31	31	24	22	19	13	14	7	1	2						212
26.10		1	7	7	27	70	105	220	282	406	389	308	311	219	104	73	26	12	7	5				1	2580
25.60			2	2		7	10	18	30	28	47	28	23	20	16	5	4	2		1					243
25.10		1	4	29	46	115	140	286	352	357	361	248	205	131	51	27	13	4	2	1					2373
24.60			2	1	3	8	15	13	23	22	15	16	10	8	3	1									140
24.10	3	1	7	25	48	69	111	131	161	164	137	83	41	34	16	8	3								1042
23.60			1	3	1	3	3	8	6	3	4	4		1	1	2									40
23.10	1	4	5	13	19	26	38	38	32	39	21	9	9	6	2	1									263
22.60					1	1		3	2		1	1													9
22.10	1		1	7	4	1	11	7	4	2															38
21.60																									0
21.10					1	1		1																	3
TOTALS	5	7	31	87	164	336	493	845	1106	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.398)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 1.778* Y +121.027 / S.E. = 5.29
FOR Y ... MEAN = 25.77 S.D. = 1.29 ... REG EQ-- Y = 0.089* X + 10.921 / S.E. = 1.18



Ball-of-Foot Circumference

Subject stands on flat surface. Measure maximum circumference of right foot at ball of foot with tape.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =HEEL-ANKLE DIAGONAL

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
39.45																2	1		2						5
38.45										1	2	1	2	7	9	8	15	4	3	2		1			55
37.45							1		2	9	9	15	30	31	48	32	26	16	9	4	1	1			234
36.45							2	5	21	46	75	87	112	113	76	80	37	14	9	4				1	682
35.45					3	8	14	55	106	194	237	266	275	211	123	83	35	21	12						1643
34.45				3	11	41	64	184	283	417	441	367	299	207	95	60	21	3	1	4					2501
33.45	1	1	6	12	37	107	158	319	370	426	414	237	176	116	52	16	7								2455
32.45		1	8	28	53	106	163	189	259	191	139	69	44	22	4	3	1	1							1281
31.45	1	2	9	27	42	63	71	74	54	53	19	13	1	2											431
30.45	2	2	8	15	15	9	15	15	12	10	2	2		1											108
29.45	1	1		2	3	2	3	4		1															17
28.45							1																		1
27.45																									0
26.45							1																		1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.599)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 2.355* Y + 87.402 / S.E. = 4.62
FOR Y ... MEAN = 33.73 S.D. = 1.47 ... REG EQ-- Y = 0.152* X + 8.374 / S.E. = 1.17



Heel-Ankle Diagonal

Subject stands on flat surface. With tape, measure the diagonal circumference around the right ankle, around rear tip of the heel, and over instep where foot joins the leg.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =INSTEP CIRCUMFERENCE

Y /X= =/	147 .25	149 .25	151 .25	153 .25	155 .25	157 .25	159 .25	161 .25	163 .25	165 .25	167 .25	169 .25	171 .25	173 .25	175 .25	177 .25	179 .25	181 .25	183 .25	185 .25	187 .25	189 .25	191 .25	193 .25	TOTALS
34.00																	1		1						2
33.50											1							1							2
33.00										1		1				1	1	1	1						7
32.50												1				1									2
32.00								2	1	9	5	3	3	8	8	3	2	1	2						47
31.50											1					1	1								3
31.00					1		3	2	9	8	15	15	11	13	14	6	6	3	1						107
30.50									1	1					1										3
30.00					2	5	9	12	22	43	45	37	45	35	27	20	12	6	6	3		1		1	331
29.50							1	1	8	4	8	9	4	8	4	6	3	2							58
29.00			1		4	18	22	50	66	98	123	113	111	84	56	30	24	10	9	3	1	1			824
28.50					3		2	7	7	15	16	15	13	16	3	11	6	1							115
28.00			3	6	16	37	59	111	151	176	231	217	211	171	98	77	28	14	6	3					1615
27.50			1	1	3	4	7	15	27	34	27	24	27	14	13	8	5	1	1						212
27.00			4	7	26	64	87	188	261	346	317	268	213	157	98	69	32	11	5	2					2155
26.50				1	5	6	10	15	29	31	37	23	21	19	7	5	1	2							212
26.00		1	4	20	29	82	124	225	280	334	295	206	179	121	54	36	15	4	3	2					2014
25.50		2	1	4	5	17	15	27	29	31	24	20	20	15	2	1			1	1					215
25.00	2	1	7	26	41	62	100	126	157	161	148	76	71	38	17	8	5	2							1048
24.50		1	1		3	3	10	6	8	6	6	5	2	1			1								53
24.00	1	2	7	17	21	30	34	51	39	44	37	22	6	8	3	1									323
23.50					1	3	1	1	3		1			1											11
23.00	2		1	4	3	4	9	5	9	6	1	2	2		1										49
22.50						1		1						1											3
22.00			1	1	1																				3
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.333)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REG EQ-- X = 1.227* Y +133.773 / S.E. = 5.44
FOR Y ... MEAN = 26.95 S.D. = 1.56 ... REG EQ-- Y = 0.090* X + 11.938 / S.E. = 1.47



Instep Circumference

Subject stands on flat surface. With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.

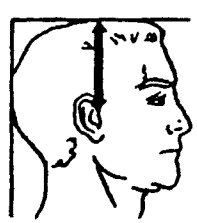
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD CIRCUMFERENCE
AND
Y =HEAD HEIGHT (TRAGION-TO-VERTEX)

Y /X=	50	50	51	51	52	52	53	53	54	54	55	55	56	56	57	57	58	58	59	59	60	60	61	61	
=/	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	TOTALS
15.60													1					1							2
15.30																	1		1			1			3
15.00									1			2	1	2			1	1	1	1		1			11
14.70									2	4	2	3	4		2	6	5	2	2	1		1			34
14.40								4	2	11	7	11	14	12	12	19	8	12	4	4	4	1	1		126
14.10						1	4	2	7	15	34	39	37	27	37	27	30	17	9	1				2	289
13.80				2	2	6	7	13	21	31	50	51	71	59	44	44	38	14	13	1	4			1	472
13.50			3	1	6	9	16	35	68	78	105	123	123	116	93	60	41	22	10	6	1	1	1		918
13.20			4	4	8	12	40	59	112	145	170	172	174	105	116	61	37	27	6	3	3				1258
12.90		1	1	7	8	27	65	80	162	177	238	190	198	132	94	56	42	19	7	2	1	1			1508
12.60		2	4	10	18	40	74	125	172	183	221	157	193	139	95	54	30	15	9	2	1				1544
12.30			6	12	17	36	89	105	138	148	186	126	137	81	70	42	30	11	5	1	1		1		1242
12.00			5	9	24	31	55	73	103	100	108	85	73	47	43	19	15	5	2	1					798
11.70		1	4	7	12	21	44	50	78	63	65	51	55	37	21	11	9	2	3						534
11.40		2	2	7	7	11	31	24	49	36	53	48	32	14	14	7	6		1	2					346
11.10			4	7	5	6	15	20	26	24	26	24	12	10	5	4	3								191
10.80	1	2			3	4	6	4	7	7	14	6	3	7	2	3									69
10.50	1			2	3	1	5	4	7	5	7	4	3	1	3	2		1							49
10.20				1			5	1	2	1	1	1	1	1					1						15
9.90									1	1	2		1												5
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.306)

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REG EQ-- X = 0.624* Y + 47.359 / S.E. = 1.48
FOR Y ... MEAN = 12.71 S.D. = 0.76 ... REG EQ-- Y = 0.150* X + 4.420 / S.E. = 0.73



Head Height

Measure vertical distance from notch in front of right ear (tragion) to top of head with large sliding caliper.

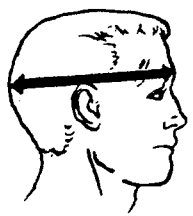
.....A BIVARIATE FRLQUENCY TABLE FOR

X =HEAD CIRCUMFERENCE
AND
Y =HEAD LENGTH

Y /X= =/	50 .20	50 .70	51 .20	51 .70	52 .20	52 .70	53 .20	53 .70	54 .20	54 .70	55 .20	55 .70	56 .20	56 .70	57 .20	57 .70	58 .20	58 .70	59 .20	59 .70	60 .20	60 .70	61 .20	61 .70	TOTALS
21.35																		2			1				3
20.95														1		2	5	3	3	2	2				18
20.55													2	3	10	9	18	22	8	2	4	2	1	2	83
20.15											2	5	21	32	58	69	68	42	22	9	7	2	2		339
19.75									2	12	40	75	121	147	147	127	83	40	18	7	1	2		1	823
19.35					1	1	4	12	40	78	186	224	348	259	212	120	61	28	16	4					1594
18.95						6	28	56	161	264	379	345	318	178	125	57	46	6	6	1					1976
18.55				2	6	29	109	152	284	300	319	237	195	111	65	22	10	4	1						1846
18.15			4	8	26	54	115	164	234	188	235	139	102	43	26	8	5	2							1353
17.75		1	4	13	31	44	85	104	120	124	95	56	20	13	8	1									719
17.35	1	3	10	24	29	37	67	85	97	53	28	8	5	1											448
16.95	1	3	7	11	15	25	34	22	19	9	4	4	1	2											157
16.55			8	10	3	9	14	4	1	1	1														51
16.15		1		1	2																				4
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.701)

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ-- X = 1.451* Y + 28.108 / S.E. = 1.11
FOR Y ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- Y = 0.339* X - 0.009 / S.E. = 0.54



Head Length

Measure maximum length of the head from slightly above the eyes on the forehead to the back of the head with the spreading caliper.

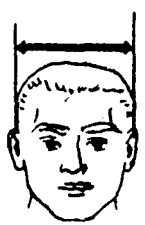
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD CIRCUMFERENCE
AND
Y =HEAD BREADTH

Y /X= =/	50 .20	50 .70	51 .20	51 .70	52 .20	52 .70	53 .20	53 .70	54 .20	54 .70	55 .20	55 .70	56 .20	56 .70	57 .20	57 .70	58 .20	58 .70	59 .20	59 .70	60 .20	60 .70	61 .20	61 .70	TOTALS
17.35															1	1	1		1						4
17.15													1		1		3			1				1	7
16.95												4		1	1	3	4	3	1		1				18
16.75							1					2	1	3	3	6			1			1			18
16.55									1	4	2	8	6	10	10	5	3	4		3		2	2		63
16.35							2	1	4	7	8	14	11	17	15	7	5	1		1		1			98
16.15								1	12	15	26	29	35	20	28	10	19	7	3	2	2	1	1		211
15.95						2	4	8	22	24	38	34	36	37	30	19	25	12	15	6	1				313
15.75					1	5	12	17	46	43	69	56	58	46	37	41	29	20	11	3	4			1	499
15.55				1	3	8	22	29	55	66	68	75	84	80	69	58	37	19	7	4	2			1	688
15.35				1	2	5	22	38	50	56	93	65	97	74	61	46	42	19	9	2	1	1			684
15.15			2	1	7	13	32	50	53	74	83	98	130	88	80	46	36	20	5	3					821
14.95			1	3	7	14	27	44	86	94	138	144	163	97	99	65	39	17	9		3				1050
14.75		1	1	7	17	13	43	54	105	120	169	141	143	115	80	53	25	16	3		1				1107
14.55		1	7	11	6	25	48	78	130	151	190	175	163	91	68	31	18	5	2						1200
14.35			2	6	10	22	49	76	126	137	142	104	103	69	37	12	6	2							903
14.15			3	9	17	25	72	75	105	116	122	81	61	20	16	7	1								730
13.95		3	3	7	13	23	55	54	84	71	81	29	23	12	10	4	1	2							475
13.75			4	11	8	28	29	49	47	37	35	23	7	6	3		2	2							291
13.55	1	2	8	8	11	15	25	16	23	10	15	8	8	1											151
13.35		1		2	5	5	8	5	1	2	5	1	2		2	1									40
13.15			2	2	3	2	3	3	3	1	5		1	1											26
12.95	1				1		1	1	3			2		1											10
12.75					1				1	1				1											4
12.55					1		1		1																3
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.412)

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ-- X = 0.956* Y + 41.085 / S.E. = 1.42
FOR Y ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- Y = 0.177* X + 5.075 / S.E. = 0.61



Head Breadth

Measure, from behind subject, maximum breadth of head (usually above and behind the ears) with the spreading caliper.

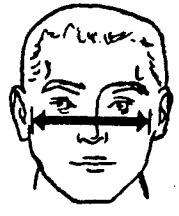
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD CIRCUMFERENCE
AND
Y =FACE BREADTH

Y /X= =/	50 .20	50 .70	51 .20	51 .70	52 .20	52 .70	53 .20	53 .70	54 .20	54 .70	55 .20	55 .70	56 .20	56 .70	57 .20	57 .70	58 .20	58 .70	59 .20	59 .70	60 .20	60 .70	61 .20	61 .70	TOTALS
14.90									1																1
14.60															1	1	1								3
14.30																		2	1		1	1			5
14.00										1	3	1	3	4	4	3	2	3	2				2		28
13.70							1	1	3	2	7	10	10	14	11	12	8	9	4	4	1				97
13.40							2	8	11	16	30	31	42	30	26	22	22	17	5	2	2			1	267
13.10					3	2	9	12	30	42	63	75	92	77	63	53	40	14	11	4	3		1	1	595
12.80			1	2	3	11	23	30	65	76	126	127	125	85	94	52	39	19	8	4	2	3		1	896
12.50				5	8	18	39	63	130	144	211	195	190	182	123	87	70	24	17	3	3				1512
12.20		2	3	6	11	30	65	99	146	209	236	209	216	129	113	80	48	23	10	6	2				1643
11.90	1	1	10	16	18	42	86	110	232	213	249	189	209	126	106	47	36	21	11	1	1	2			1727
11.60	1	1	7	14	24	30	102	125	165	168	178	135	152	88	68	35	16	9	5	1					1324
11.30		1	4	11	21	34	65	80	91	93	105	70	53	36	19	14	9	6							712
11.00		2	4	12	18	23	47	48	52	49	56	33	35	14	15	6	2	1							417
10.70			4	2	6	11	9	20	21	14	18	12	4	3	4	1	3	1							133
10.40		1		1	1	4	6	3	9	2	6	5	2	2	3	1									46
10.10							2		2		1	1			1	1									8
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.345)

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ-- X = 0.840* Y + 45.105 / S.E. = 1.46
FOR Y ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- Y = 0.142* X + 4.277 / S.E. = 0.60



Face Breadth

Measure maximum breadth between the cheekbone bulges with the spreading caliper.

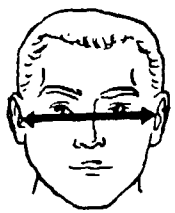
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD CIRCUMFERENCE
AND
Y =BITRAGION DIAMETER

Y /X= =/	50 .20	50 .70	51 .20	51 .70	52 .20	52 .70	53 .20	53 .70	54 .20	54 .70	55 .20	55 .70	56 .20	56 .70	57 .20	57 .70	58 .20	58 .70	59 .20	59 .70	60 .20	60 .70	61 .20	61 .70	TOTALS
15.35															1		2			1					4
15.15															2		1			1					4
14.95												1	1	2	1	5	1			1			1		13
14.75										1		2	5	7	4	3	5	5	4	1	3		1		41
14.55									1	3	6	7	11	14	16	10	13	11	5	2		3		1	103
14.35								3	4	5	17	18	19	23	23	17	23	12	9	3	4				180
14.15				1		1	3	5	14	19	29	39	46	56	33	37	25	21	15	4	1	1			350
13.95						1	10	12	26	39	64	76	93	62	73	56	40	16	14	6	1		1	2	592
13.75					2	6	16	25	56	59	102	108	119	98	97	74	57	25	7	3	4	1			859
13.55				4	6	8	33	59	110	127	171	153	208	140	138	64	54	25	9	2	1	1			1313
13.35				5	8	21	39	66	112	140	182	187	202	125	88	66	28	16	5						1290
13.15			2	2	8	20	68	88	149	209	226	167	159	109	76	41	24	7	3						1358
12.95		1	5	8	20	20	60	95	174	167	197	147	132	81	56	22	10	6		1	1				1203
12.75		1	7	13	19	39	82	111	131	119	134	105	81	35	14	11	7	2	1						912
12.55	2		7	17	19	31	78	66	97	88	106	51	40	31	20	6	4	3	1						667
12.35		3	6	10	17	29	36	34	56	31	28	19	12	5	7	2									295
12.15		1	3	5	12	22	19	26	19	15	18	9	5	1	2	1	1								159
11.95			1	3	1	7	8	8	5	4	8	3		1			1		1						51
11.75		1	1	1	1		2	1	1	3		1													12
11.55		1	1				2		3		1														8
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.481)

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ-- X = 1.400* Y + 36.714 / S.E. = 1.37
FOR Y ... MEAN = 13.27 S.D. = 0.53 ... REQ EQ-- Y = 0.165* X + 4.147 / S.E. = 0.47



Bitragion Diameter

Measure distance from the cartilaginous notch (tragion) of the right ear to same point of the left ear with the spreading caliper.

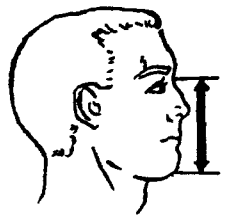
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD CIRCUMFERENCE
AND
Y =FACE LENGTH %MENTON-NASAL ROOT DEPRESSION□

Y /X= =/	50 .20	50 .70	51 .20	51 .70	52 .20	52 .70	53 .20	53 .70	54 .20	54 .70	55 .20	55 .70	56 .20	56 .70	57 .20	57 .70	58 .20	58 .70	59 .20	59 .70	60 .20	60 .70	61 .20	61 .70	TOTALS
14.65													1												1
14.45											1	1	1			1	2								6
14.25															1	1		1							3
14.05											1	2	1		1	2	4	1	1						13
13.85										2	3	4	4	4	2	10	2	1	1	1					34
13.65							1	1	3	1	8	10	8	5	8	4	2	5	1						57
13.45				1	1		1		8	8	11	14	16	13	13	12	9	9	4	1		1			122
13.25				1	1	2	3	9	11	21	25	24	32	25	30	17	8	5	5	2	8	1			230
13.05	1		1	2	2	5	12	13	23	35	57	48	62	47	43	23	27	8	8		2				419
12.85					2	3	13	17	48	70	62	72	92	83	49	38	29	23	8	3	1		1	3	617
12.65				2	4	5	16	34	65	70	105	105	119	74	80	56	43	17	12	6	2	1			816
12.45				4	6	17	52	42	93	110	167	146	137	118	100	62	36	19	13	4			1		1127
12.25		1	2	7	2	19	38	68	117	135	180	144	134	105	92	45	31	15	8	2	2	1			1148
12.05		2	6	8	15	16	66	96	155	159	179	161	163	97	96	60	47	19	7	3		1			1356
11.85			2	6	20	28	63	76	123	124	145	108	115	74	48	36	20	14	3	2		1			1008
11.65	1	2	6	5	11	28	57	74	107	94	131	119	97	54	32	17	18	1	1				1		856
11.45		2	4	14	17	30	53	66	78	90	77	59	70	42	25	14	10	8	1	1					661
11.25			7	5	15	21	38	53	63	59	66	38	42	26	14	10	5								462
11.05			1	7	8	12	26	30	40	34	39	28	23	13	11	6	2	3							283
10.85			2	2	4	11	8	9	9	7	18	6	7	8	2	1	1		1						96
10.65		1		2	3	7	4	2	6	7	10	2	6	1	1										52
10.45			2	2	1		5	7	7	2	3	2	2	1	2										36
10.25				1	1	1		2	1	1			1												8
10.05									1		1				1										3
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.308)

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ-- X = 0.782* Y + 45.797 / S.E. = 1.48
FOR Y ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ-- Y = 0.121* X + 5.453 / S.E. = 0.58



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding caliper.

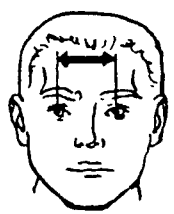
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD CIRCUMFERENCE
AND
Y =INTERPUPILLARY DISTANCE

Y /X= =/	50 .20	50 .70	51 .20	51 .70	52 .20	52 .70	53 .20	53 .70	54 .20	54 .70	55 .20	55 .70	56 .20	56 .70	57 .20	57 .70	58 .20	58 .70	59 .20	59 .70	60 .20	60 .70	61 .20	61 .70	TOTALS
7.45															1						1				2
7.25												2		1				2	1						6
7.05									1	1	5	7	9	8	12	9	7	4	3		1		2		69
6.85							3	3	1	7	17	11	24	16	27	20	22	6	10	2	1			2	172
6.65					2	3	7	9	22	33	41	48	77	63	44	43	34	19	6	2	2	1			456
6.45				2	3	9	24	34	64	96	149	139	167	141	133	94	68	38	16	9	5	4		1	1196
6.25			2	5	14	21	53	95	181	208	269	239	268	188	165	92	60	27	16	6	2		1		1912
6.05	1	1	6	17	27	54	142	170	298	323	403	365	340	226	162	111	75	39	18	5	3	1			2787
5.85		2	8	16	31	52	99	149	197	216	218	161	142	85	71	24	23	12	2						1508
5.65		2	10	20	16	36	77	95	126	96	131	86	79	39	26	17	4	1	1	1					863
5.45		2	4	8	16	24	42	32	54	44	45	34	22	20	8	5	3	1	1						365
5.25	1	1	1	1	3	4	8	10	11	5	11	1	5	1	1										64
5.05			2		1	2	1	2	3					2	1										14
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.373)

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ-- X = 1.801* Y + 44.323 / S.E. = 1.45
FOR Y ... MEAN = 6.09 S.D. = 0.32 ... REQ EQ-- Y = 0.077* X + 1.833 / S.E. = 0.30



Interpupillary Distance

With subject's eyes looking straight ahead, measure distance between the centers of the pupils of the two eyes with the small sliding caliper.

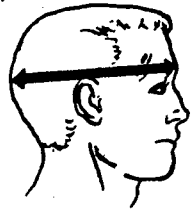
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD HEIGHT (TRAGION-TO-VERTEX)
AND
Y =HEAD LENGTH

Y /X= =/	9 .90	10 .20	10 .50	10 .80	11 .10	11 .40	11 .70	12 .00	12 .30	12 .60	12 .90	13 .20	13 .50	13 .80	14 .10	14 .40	14 .70	15 .00	15 .30	15 .60	TOTALS
21.35										1			1		1						3
20.95						2		2	1	1	2	2		4	1	2	1				18
20.55							2	3	11	7	10	12	13	6	12	6	1				83
20.15		1			3	7	7	14	32	46	54	49	53	29	23	14	4	1	1	1	339
19.75	1	1	4	2	5	8	23	32	67	127	123	137	127	71	47	32	12	2	2		823
19.35		1	4	7	20	43	69	107	203	241	277	235	181	117	56	26	5	2			1594
18.95	1	2	8	13	39	74	99	169	254	316	315	298	206	92	63	22	4	1			1976
18.55	1	1	9	15	42	63	114	176	260	342	297	243	161	67	40	8	4	3			1846
18.15	1	2	8	14	35	79	97	135	197	221	222	143	95	56	32	12	2	1		1	1353
17.75	1	3	6	4	16	36	55	87	115	135	119	76	44	11	6	4	1				719
17.35		3	7	12	15	20	44	43	73	80	63	47	24	12	4			1			448
16.95		1	3	2	11	10	18	22	21	19	18	12	10	6	4						157
16.55					5	3	5	7	8	8	8	3	3	1							51
16.15						1	1	1				1									4
TOTALS	5	15	49	69	191	346	534	798	1242	1544	1508	1258	918	472	289	126	34	11	3	2	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.251)

FOR X ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- X = 0.255* Y + 7.936 / S.E. = 0.74
FOR Y ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- Y = 0.248* X + 15.582 / S.E. = 0.73



Head Length

Measure maximum length of the head from slightly above the eyes on the forehead to the back of the head with the spreading caliper.

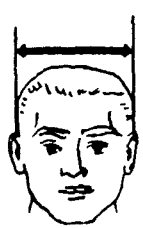
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD HEIGHT (TRAGION-TO-VERTEX)
AND
Y =HEAD BREADTH

Y /X= =/	9 .90	10 .20	10 .50	10 .80	11 .10	11 .40	11 .70	12 .00	12 .30	12 .60	12 .90	13 .20	13 .50	13 .80	14 .10	14 .40	14 .70	15 .00	15 .30	15 .60	TOTALS
17.35							1						1	1	1						4
17.15									1		2	1		1	2						7
16.95					1	1			2	2	1	3	3	3	2						18
16.75						2		1		2	8	2	1		2						18
16.55					1	1	2	1	8	9	11	5	9	6	1	5	2	2			63
16.35					2	1	3	5	10	13	17	17	11	12	4	1	1		1		98
16.15				1	1	2	9	12	22	32	38	26	25	24	9	6	1	3			211
15.95		1		1	3	11	11	32	40	41	48	39	30	20	20	13	1	2			313
15.75		2	2	1	7	10	30	39	50	73	84	78	46	35	23	11	8				499
15.55			4	6	12	22	43	39	91	124	92	76	77	52	32	13	3	1		1	688
15.35		2	1	5	12	23	24	46	82	116	126	101	65	38	30	10	2	1			684
15.15	1	1	4	7	13	23	51	69	89	132	128	121	103	40	29	9	1				821
14.95		1	4	8	21	34	47	89	126	171	171	136	128	60	37	14			2	1	1050
14.75			5	7	21	39	55	84	142	172	207	173	103	42	33	18	5	1			1107
14.55		1	4	7	33	51	61	110	159	206	191	156	125	46	30	14	5	1			1200
14.35	1	4	7	3	13	35	62	79	120	165	144	128	82	42	10	6	2				903
14.15	2	1	2	5	13	37	50	77	127	116	120	83	51	23	17	4	2				730
13.95			7	7	20	19	36	51	90	75	59	56	36	11	6	1	1				475
13.75		2	6	5	8	18	26	34	46	59	33	34	12	6	1	1					291
13.55	1		2	2	5	10	16	22	22	24	17	19	4	7							151
13.35				2	2	4	5	3	8	4	5	3	1	3							40
13.15					1	2	1	5	5	4	5		3								26
12.95			1	2	1	1	1		1	2			1								10
12.75										2	1		1								4
12.55					1				1			1									3
TOTALS	5	15	49	69	191	346	534	798	1242	1544	1508	1258	918	472	289	126	34	11	3	2	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.177)

FOR X ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- X = 0.201* Y + 9.727 / S.E. = 0.75
FOR Y ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- Y = 0.155* X + 12.891 / S.E. = 0.66



Head Breadth

Measure, from behind subject, maximum breadth of head (usually above and behind the ears) with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD HEIGHT (TRAGION-TO-VERTEX)
AND
Y =FACE BREADTH

Y /X= =/	9 .90	10 .20	10 .50	10 .80	11 .10	11 .40	11 .70	12 .00	12 .30	12 .60	12 .90	13 .20	13 .50	13 .80	14 .10	14 .40	14 .70	15 .00	15 .30	15 .60	TOTALS
14.90			1																		1
14.60							1		1	1											3
14.30									1		1	1	1	1							5
14.00			1			2	1	2	6	3	2	3	3	2	1	1	1				28
13.70		1		1		3	5	7	11	17	12	10	11	13	2	2	1	1			97
13.40		2		1	7	6	16	21	37	47	39	28	28	17	9	8	1				267
13.10			2	7	15	25	33	42	101	90	96	63	57	33	18	11	2				595
12.80		1	1	4	17	34	47	72	123	143	138	119	96	47	34	17	2	1			896
12.50		1	8	10	28	56	88	115	178	238	250	198	174	80	60	17	7	2	1	1	1512
12.20	1	3	10	11	33	50	93	133	217	257	266	225	171	88	53	20	8	3	1		1643
11.90	4	2	10	16	35	63	101	160	228	302	289	229	138	76	49	20	3	1	1		1727
11.60		1	10	17	27	60	67	132	164	226	190	187	132	62	32	12	4	1			1324
11.30		2	1	1	16	30	43	58	103	113	122	98	58	32	21	10	2	1		1	712
11.00		2	1	1	11	14	32	36	50	83	65	66	32	14	5	3	2				417
10.70			2			1	7	14	18	16	25	23	12	6	3	4	1	1			133
10.40			1		1	2		6	3	7	12	8	4	1	1						46
10.10			1		1				1	1	1		1		1	1					8
TOTALS	5	15	49	69	191	346	534	798	1242	1544	1508	1258	918	472	289	126	34	11	3	2	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.036)

FOR X ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- X = 0.043* Y + 12.192 / S.E. = 0.76
FOR Y ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- Y = 0.031* X + 11.735 / S.E. = 0.64



Face Breadth

Measure maximum breadth between the cheekbone bulges with the spreading caliper.

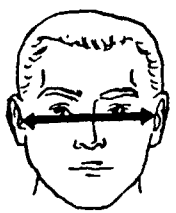
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD HEIGHT (TRAGION-TO-VERTEX)
AND
Y =BITRAGION DIAMETER

Y /X=	9	10	10	10	11	11	11	12	12	12	12	13	13	13	14	14	14	15	15	15	
=/	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	TOTALS
15.35									1		1	1		1							4
15.15											2		1			1					4
14.95									1	3	2	2	1	1	1	2					13
14.75					1	1		1	6	5	6	9	4	3	1	1	2	1			41
14.55				1	2	3	3	8	11	10	14	8	12	16	7	5	1	1	1		103
14.35		1			2	4	6	11	16	29	27	21	34	14	8	6	1				180
14.15			2	4	3	11	13	24	38	47	64	49	35	31	18	8	2	1			350
13.95			3	4	7	12	33	34	76	86	87	81	74	47	28	14	3	1	1	1	592
13.75		1	1	5	13	21	47	50	111	137	132	108	104	59	41	23	5	1			859
13.55	1	2	5	11	29	52	70	106	166	249	221	182	108	49	39	17	3	1	1	1	1313
13.35	3	2	6	7	23	32	66	94	176	215	228	175	135	76	36	10	4	2			1290
13.15		3	5	11	24	49	76	116	167	235	236	193	132	47	46	15	2	1			1358
12.95		2	7	5	28	60	69	129	175	182	160	161	119	56	29	14	5	2			1203
12.75			6	9	20	37	61	98	129	148	144	121	81	29	20	6	3				912
12.55		4	10	6	22	38	47	69	94	106	105	83	43	23	11	4	2				667
12.35			2	4	10	13	27	31	40	50	44	36	23	13	1		1				295
12.15	1		2	1	4	8	8	14	29	32	24	21	7	6	2						159
11.95				1	2	5	6	10	5	6	7	4	3	1	1						51
11.75					1		2	1	1	1	2	3	1								12
11.55								2		3	2		1								8
TOTALS	5	15	49	69	191	346	534	798	1242	1544	1508	1258	918	472	289	126	34	11	3	2	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.153)

FOR X ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- X = 0.218* Y + 9.821 / S.E. = 0.75
FOR Y ... MEAN = 13.27 S.D. = 0.53 ... REQ EQ-- Y = 0.107* X + 11.910 / S.E. = 0.53



Bitragion Diameter

Measure distance from the cartilaginous notch (tragion) of the right ear to same point of the left ear with the spreading caliper.

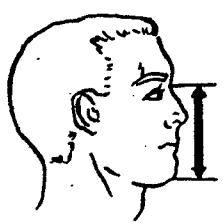
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD HEIGHT (TRAGION-TO-VERTEX)
AND
Y =FACE LENGTH %MENTON-NASAL ROOT DEPRESSION□

Y /X= =/	9 .90	10 .20	10 .50	10 .80	11 .10	11 .40	11 .70	12 .00	12 .30	12 .60	12 .90	13 .20	13 .50	13 .80	14 .10	14 .40	14 .70	15 .00	15 .30	15 .60	TOTALS
14.65													1								1
14.45								2	1		1				2						6
14.25									1		1		1								3
14.05							1			1	2	2	5	2							13
13.85					1	1		2	5	7	6	4	3	3	1	1					34
13.65				1	3	2	3	1	10	8	7	7	5	5	3		2				57
13.45			1			5	3	5	16	21	20	15	15	9	7	4		1			122
13.25	1		3	3	4	6	10	12	25	32	50	23	26	15	12	6	2				230
13.05			5	5	8	7	19	23	50	72	61	65	48	27	16	8	2	1	1	1	419
12.85				1	13	14	27	45	69	90	91	95	87	42	25	14	4				617
12.65	1	2		5	9	20	45	52	99	145	123	122	89	44	33	18	6	2	1		816
12.45	1	3	6	5	17	37	52	97	125	188	194	156	114	70	37	14	6	4	1		1127
12.25		2	7	10	26	39	62	92	158	192	187	152	93	63	44	15	5	1			1148
12.05		3	5	7	25	44	92	124	199	223	204	173	130	69	37	18	2			1	1356
11.85		1	3	10	20	39	59	87	134	168	175	129	91	46	32	10	2	2			1008
11.65			6	4	15	50	51	91	112	120	140	122	86	32	17	9	1				856
11.45			6	8	11	30	46	64	105	109	97	95	48	25	11	5	1				661
11.25		4	4	5	20	20	29	50	69	78	73	49	42	9	6	3	1				462
11.05	1		1	1	9	16	21	28	44	49	51	33	21	6	2						283
10.85				3	7	9	5	11	8	26	9	4	8	4	2						96
10.65			2		1	6	4	9	7	7	7	6	2		1						52
10.45	1			1	1	1	2	3	2	5	9	5	3	1	1	1					36
10.25							2		3	3											8
10.05					1		1					1									3
TOTALS	5	15	49	69	191	346	534	798	1242	1544	1508	1258	918	472	289	126	34	11	3	2	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.141)

FOR X ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- X = 0.175* Y + 10.589 / S.E. = 0.76
FOR Y ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ-- Y = 0.113* X + 10.707 / S.E. = 0.61



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

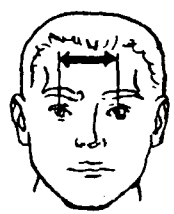
X =HEAD HEIGHT (TRAGION-TO-VERTEX)
AND
Y =INTERPUPILLARY DISTANCE

Y /X= =/	9 .90	10 .20	10 .50	10 .80	11 .10	11 .40	11 .70	12 .00	12 .30	12 .60	12 .90	13 .20	13 .50	13 .80	14 .10	14 .40	14 .70	15 .00	15 .30	15 .60	TOTALS
7.45												1	1								2
7.25								1		1		2	1			1					6
7.05		1	1	1	3	2	5	8	17	8	13	5	1	2	1	1					69
6.85			2	3	3	4	7	8	22	21	27	28	19	15	6	6	1				172
6.65	1	1	1	4	5	18	19	37	55	63	65	73	45	30	19	13	5	1		1	456
6.45	2		6	8	24	41	61	84	152	194	196	160	133	65	43	19	4	1	3		1196
6.25	1	2	10	18	45	70	109	150	249	315	317	239	198	102	56	23	5	3			1912
6.05		5	14	18	60	99	164	237	364	450	449	384	272	133	90	38	6	3		1	2787
5.85	1	3	4	7	20	54	75	138	209	263	254	192	144	70	44	20	9	1			1508
5.65		2	7	4	20	38	58	88	110	149	117	130	69	44	20	3	3	1			863
5.45		1	4	5	8	16	27	37	58	65	55	33	32	10	10	2	1	1			365
5.25				1	3	3	6	8	6	14	11	9	3								64
5.05						1	3	2		1	4	2		1							14
TOTALS	5	15	49	69	191	346	534	798	1242	1544	1508	1258	918	472	289	126	34	11	3	2	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.064)

FOR X ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- X = 0.151* Y + 11.794 / S.E. = 0.76
FOR Y ... MEAN = 6.09 S.D. = 0.32 ... REQ EQ-- Y = 0.027* X + 5.748 / S.E. = 0.32

56
57
56
58
56
59
56
60
56
61
57
58
57
59
57
60
57
61
58
59
58
60
58
61
59
60
59
62



Interpupillary Distance

With subject's eyes looking straight ahead, measure distance between the centers of the pupils of the two eyes with the small sliding caliper.

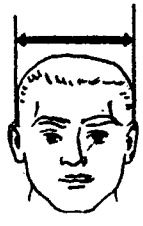
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD LENGTH
AND
Y =HEAD BREADTH

Y /X= =/	16 .15	16 .55	16 .95	17 .35	17 .75	18 .15	18 .55	18 .95	19 .35	19 .75	20 .15	20 .55	20 .95	21 .35	TOTALS
17.35					1	2			1						4
17.15						2	2	1	1	1					7
16.95			1	1	3	4	5	2	1		1				18
16.75		1			3	4	7	1	1		1				18
16.55			3	2	14	15	9	6	5	5	3	1			63
16.35		3	5	13	11	29	18	11	5	2	1				98
16.15		1	12	18	37	52	39	24	17	2	8	1			211
15.95		7	13	30	43	56	59	45	32	17	8	3			313
15.75	1	4	15	55	82	81	79	61	53	40	22	4	2		499
15.55		9	21	67	80	108	117	132	78	43	29	4			688
15.35		4	14	47	74	105	119	118	119	54	21	6	2	1	684
15.15	2	3	21	53	73	108	129	161	137	88	31	11	3	1	821
14.95		4	15	39	48	144	205	230	188	113	45	16	3		1050
14.75	1	3	12	34	72	112	223	233	211	138	52	16			1107
14.55		7	10	23	52	151	231	295	250	114	54	11	2		1200
14.35		2	4	14	38	117	190	221	189	88	33	5	2		903
14.15		1	2	21	32	106	150	210	134	62	10	2			730
13.95			1	15	19	72	121	127	72	32	12	2	1	1	475
13.75		1	4	9	14	44	81	57	63	11	5		2		291
13.55		1	4	2	17	28	39	24	27	9					151
13.35				3	3	5	12	7	5	2	1	1	1		40
13.15				1	2	5	5	7	3	2	1				26
12.95				1		2	5		2						10
12.75					1		1	1			1				4
12.55						1		2							3
TOTALS	4	51	157	448	719	1353	1846	1976	1594	823	339	83	18	3	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = -0.162)

FOR X ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- X = -0.182* Y + 21.440 / S.E. = 0.74
FOR Y ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- Y = -0.145* X + 17.578 / S.E. = 0.66



Head Breadth

Measure, from behind subject, maximum breadth of head (usually above and behind the ears) with the spreading caliper.

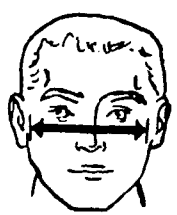
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD LENGTH
AND
Y =FACE BREADTH

Y /X= =/	16 .15	16 .55	16 .95	17 .35	17 .75	18 .15	18 .55	18 .95	19 .35	19 .75	20 .15	20 .55	20 .95	21 .35	TOTALS
14.90				1											1
14.60								1	1	1					3
14.30										3	2				5
14.00				1	2	2	5	3	6	5	3	1			28
13.70				1	5	8	25	17	13	15	11	2			97
13.40		1	1	9	19	37	41	52	54	31	16	5		1	267
13.10		2	10	22	31	74	106	141	120	39	36	9	4	1	595
12.80		2	14	37	75	124	171	168	148	99	40	14	4		896
12.50		6	29	63	103	204	268	325	284	148	57	21	4		1512
12.20	3	9	28	81	123	226	280	376	289	154	65	8		1	1643
11.90		7	30	84	135	267	347	360	283	150	46	13	5		1727
11.60		11	20	81	109	191	282	274	210	99	41	5	1		1324
11.30		8	11	29	64	105	182	147	107	44	13	2			712
11.00	1	2	10	26	38	80	99	79	54	22	5	1			417
10.70		2	1	9	12	27	31	22	15	9	3	2			133
10.40		1	3	3	2	7	9	9	9	3					46
10.10				1	1	1		2	1	1	1				8
TOTALS	4	51	157	448	719	1353	1846	1976	1594	823	339	83	18	3	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.117)

FOR X ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- X = 0.138* Y + 17.061 / S.E. = 0.75
FOR Y ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- Y = 0.100* X + 10.255 / S.E. = 0.64



Face Breadth

Measure maximum breadth between the cheekbone bulges with the spreading caliper.

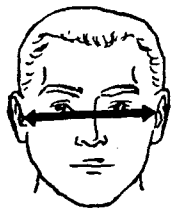
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD LENGTH
AND
Y =BITRAGION DIAMETER

Y /X= =/	16 .15	16 .55	16 .95	17 .35	17 .75	18 .15	18 .55	18 .95	19 .35	19 .75	20 .15	20 .55	20 .95	21 .35	TOTALS
15.35							2	1	1						4
15.15						2		1			1				4
14.95					2	4	2		1	3	1				13
14.75				2	1	7	4	6	8	6	4	3			41
14.55				3	12	16	17	21	14	10	7	3			103
14.35		1	2	8	16	31	39	30	23	18	9	2		1	180
14.15		2	10	22	32	55	63	50	63	29	19	4	1		350
13.95		2	16	30	49	84	103	113	101	57	31	4	2		592
13.75		8	16	50	87	116	133	158	150	86	37	16	2		859
13.55	1	4	28	78	112	188	213	258	217	138	52	22	1	1	1313
13.35	1	9	18	72	89	159	231	296	237	118	49	7	3	1	1290
13.15		8	21	49	94	179	293	308	218	127	46	14	1		1358
12.95	1	4	16	39	76	177	249	267	231	94	39	5	5		1203
12.75		10	12	40	63	124	221	213	144	65	18		2		912
12.55			10	32	36	113	143	156	115	41	17	3	1		667
12.35	1	1	4	11	32	54	84	46	39	18	5				295
12.15			3	9	14	30	37	35	22	7	2				159
11.95			1	1	2	12	6	14	8	5	2				51
11.75		2		1	1	1	2	2	2	1					12
11.55				1	1	1	4	1							8
TOTALS	4	51	157	448	719	1353	1846	1976	1594	823	339	83	18	3	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.035)

FOR X ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- X = 0.049* Y + 18.085 / S.E. = 0.75
FOR Y ... MEAN = 13.27 S.D. = 0.53 ... REQ EQ-- Y = 0.025* X + 12.802 / S.E. = 0.53



Bitragion Diameter

Measure distance from the cartilaginous notch (tragion) of the right ear to same point of the left ear with the spreading caliper.

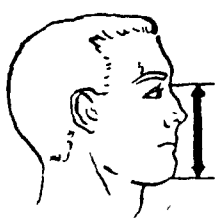
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD LENGTH
AND
Y =FACE LENGTH %MENTON-NASAL ROOT DEPRESSION□

Y /X= =/	16 .15	16 .55	16 .95	17 .35	17 .75	18 .15	18 .55	18 .95	19 .35	19 .75	20 .15	20 .55	20 .95	21 .35	TOTALS
14.65									1						1
14.45							2	4							6
14.25									2		1				3
14.05					1		1	1	5	3		1		1	13
13.85						4	6	6	8	3	5	1	1		34
13.65			3	1	4	6	5	15	12	5	4	1	1		57
13.45		1	1	2	7	10	17	28	19	17	17	2	1		122
13.25		2	2	8	10	31	36	45	49	25	14	6	1	1	230
13.05			9	19	28	44	69	86	81	49	27	5	2		419
12.85		2	5	21	33	81	104	130	122	83	26	8	2		617
12.65		2	8	23	55	91	134	166	177	97	49	11	2	1	816
12.45	1	4	16	42	87	160	196	242	218	109	40	9	3		1127
12.25		4	15	54	86	160	237	247	200	97	37	9	2		1148
12.05	1	11	22	59	99	189	279	297	220	114	52	12	1		1356
11.85	1	4	21	62	96	159	196	223	130	80	24	11	1		1008
11.65		10	17	43	57	132	198	183	138	59	17	1	1		856
11.45	1	4	18	46	69	105	146	125	90	40	13	4			661
11.25		2	7	34	40	98	100	82	70	21	7	1			462
11.05		3	4	18	25	43	79	67	27	11	5	1			283
10.85			3	10	11	16	19	14	15	8					96
10.65		1	1	3	6	14	14	7	4	1	1				52
10.45			4	3	3	8	7	6	5						36
10.25		1	1		2	1		2	1						8
10.05						1	1			1					3
TOTALS	4	51	157	448	719	1353	1846	1976	1594	823	339	83	18	3	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.177)

FOR X ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- X = 0.218* Y + 16.088 / S.E. = 0.74
FOR Y ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ-- Y = 0.145* X + 9.427 / S.E. = 0.60



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding caliper.

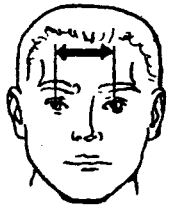
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD LENGTH
AND
Y =INTERPUPILLARY DISTANCE

Y /X=	16	16	16	17	17	18	18	18	19	19	20	20	20	21	
=/	.15	.55	.95	.35	.75	.15	.55	.95	.35	.75	.15	.55	.95	.35	TOTALS
7.45						1					1				2
7.25						2		2		1	1				6
7.05					3	4	17	10	18	6	8	3			69
6.85			1	1	7	18	29	33	37	24	13	6	3		172
6.65			3	12	35	50	67	95	88	69	23	12	2		456
6.45		3	9	38	60	136	194	260	252	139	75	24	3	3	1196
6.25		5	31	60	148	248	359	410	360	186	85	16	4		1912
6.05	2	11	47	131	195	385	559	618	497	236	86	16	4		2787
5.85	1	15	25	114	145	249	334	311	181	97	30	5	1		1508
5.65		10	26	51	91	169	184	157	117	46	11		1		863
5.45	1	5	11	31	28	80	79	68	38	18	5	1			365
5.25		2	3	8	6	7	22	11	5						64
5.05			1	2	1	4	2	1	1	1	1				14
TOTALS	4	51	157	448	719	1353	1846	1976	1594	823	339	83	18	3	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.219)

FOR X ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- X = 0.512* Y + 15.616 / S.E. = 0.73
FOR Y ... MEAN = 6.09 S.D. = 0.32 ... REQ EQ-- Y = 0.094* X + 4.330 / S.E. = 0.31



Interpupillary Distance

With subject's eyes looking straight ahead, measure distance between the centers of the pupils of the two eyes with the small sliding caliper.

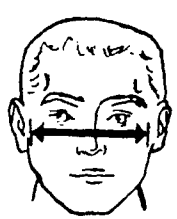
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD BREADTH
AND
Y =FACE BREADTH

Y /X= =/	12 .55	12 .75	12 .95	13 .15	13 .35	13 .55	13 .75	13 .95	14 .15	14 .35	14 .55	14 .75	14 .95	15 .15	15 .35	15 .55	15 .75	15 .95	16 .15	16 .35	16 .55	16 .75	16 .95	17 .15	17 .35	TOTALS
14.90																1										1
14.60							1										1				1					3
14.30													1			2			1			1				5
14.00									1		1	1	4		2	2	2	2	5	2	5		1			28
13.70	1	1		1				2	1	3	8	5	8	6	7	11	10	13	8	3	3		4	2		97
13.40					1		2	2	9	9	19	23	30	24	34	25	33	17	14	8	8	1	4	2	2	267
13.10							3	12	17	38	43	62	82	67	48	81	47	40	27	14	6	5	2		1	595
12.80	1				2	6	9	16	35	66	88	113	121	86	81	87	80	43	36	13	8	2	1	1	1	896
12.50			4	2	2	15	20	52	106	115	193	156	185	153	137	147	86	58	42	19	13	2	4	1		1512
12.20				5	1	16	33	65	124	155	192	230	184	178	123	146	70	53	38	20	8	2				1643
11.90				3	7	34	78	104	151	187	252	201	197	136	127	88	87	43	16	6	6	2	2			1727
11.60	1	2	4		6	31	58	101	134	158	197	158	139	94	78	58	50	31	11	6	4	2		1		1324
11.30		1	1	11	10	24	41	53	85	83	114	88	55	50	32	27	17	8	8	3	1					712
11.00			1	3	7	17	24	48	43	62	65	50	35	21	12	10	11	1	4	2		1				417
10.70				1	2	4	16	16	18	18	19	16	6	6	3	2	3	1	1	1						133
10.40					2	3	5	3	4	8	8	4	3			1	2	2		1						46
10.10						1	1	1	2	1	1							1								8
TOTALS	3	4	10	26	40	151	291	475	730	903	1200	1107	1050	821	684	688	499	313	211	98	63	18	18	7	4	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.342)

FOR X ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- X = 0.359* Y + 10.508 / S.E. = 0.63
FOR Y ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- Y = 0.326* X + 7.284 / S.E. = 0.60



Face Breadth

Measure maximum breadth between the cheekbone bulges with the spreading caliper.

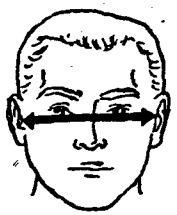
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD BREADTH
AND
Y =BITRAGION DIAMETER

Y /X= =/	12 .55	12 .75	12 .95	13 .15	13 .35	13 .55	13 .75	13 .95	14 .15	14 .35	14 .55	14 .75	14 .95	15 .15	15 .35	15 .55	15 .75	15 .95	16 .15	16 .35	16 .55	16 .75	16 .95	17 .15	17 .35	TOTALS
15.35																			1		1			2		4
15.15																			1		2			1		4
14.95																1	1	1	3		4	1	2			13
14.75											1	1		2	2	6	3	5	6	4	5	3	2	1		41
14.55											2		5	3	3	11	15	20	16	9	12		3	2	2	103
14.35							1		1	2	1		7	12	16	28	36	25	24	15	8	1	3			180
14.15									1	1	5	11	22	34	40	65	52	42	30	31	6	7	1		2	350
13.95						1	2		4	9	33	38	66	63	57	110	73	60	43	15	10	3	4	1		592
13.75							1	3	8	23	52	88	102	130	122	129	102	54	29	8	4	2	2			859
13.55			1	1		1	4	11	37	61	142	179	221	158	161	146	97	43	30	11	8		1			1313
13.35		1	1		1	5	8	28	75	111	178	192	220	157	119	84	60	31	15	2	1	1				1290
13.15			1	3	1	5	22	50	133	168	231	228	173	139	84	66	37	11	5	1						1358
12.95	1		3	1	3	16	46	103	125	211	227	185	109	69	49	21	11	15	6	1	1					1203
12.75				5	4	26	61	97	146	155	166	109	71	31	15	12	9	3	1		1					912
12.55	1	1	2	5	5	32	65	104	125	96	106	46	44	11	12	6	3	1	1	1						667
12.35	1	1	1	4	8	32	45	49	47	34	39	18	4	8	1	2		1								295
12.15		1	1	3	9	17	23	21	21	28	14	8	5	4	3	1										159
11.95				3	6	12	9	4	5	4	3	3	1					1								51
11.75					3	2	3	4																		12
11.55				1		2	1	1	2			1														8
TOTALS	3	4	10	26	40	151	291	475	730	903	1200	1107	1050	821	684	688	499	313	211	98	63	18	18	7	4	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.669)

FOR X ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- X = 0.839* Y + 3.728 / S.E. = 0.50
FOR Y ... MEAN = 13.27 S.D. = 0.53 ... REQ EQ-- Y = 0.534* X + 5.334 / S.E. = 0.40



Bitragion Diameter

Measure distance from the cartilaginous notch (tragion) of the right ear to same point of the left ear with the spreading caliper.

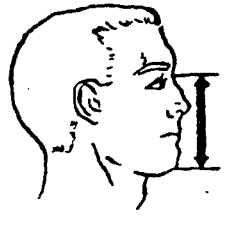
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD BREADTH
AND
Y =FACE LENGTH %MENTON-NASAL ROOT DEPRESSION□

Y /X= =/	12 .55	12 .75	12 .95	13 .15	13 .35	13 .55	13 .75	13 .95	14 .15	14 .35	14 .55	14 .75	14 .95	15 .15	15 .35	15 .55	15 .75	15 .95	16 .15	16 .35	16 .55	16 .75	16 .95	17 .15	17 .35	TOTALS
14.65											1															1
14.45											1	1				2			1				1			6
14.25											1				1						1					3
14.05								1		1		1	3	2	5											13
13.85								1	1	2	4	2	5	4	3	5	2		2	1		1	1			34
13.65							2	3		2	3	5	4	9	9	7	5	5	1	1	1					57
13.45							2	2	3	3	13	14	20	13	11	13	11	6	4	2	2		2		1	122
13.25			1			2	2	8	9	18	21	26	25	28	21	22	24	8	7	2	4		2			230
13.05		1	1		2	5	6	15	20	28	54	62	47	40	30	35	26	23	13	7	1	1	2			419
12.85			1	1		5	11	19	36	43	79	70	70	60	50	56	43	33	23	7	6		1	2	1	617
12.65	1			3		9	21	30	45	81	87	91	107	71	73	67	46	34	23	11	9	4	2		1	816
12.45			2	3	4	15	20	33	70	99	147	154	138	98	86	76	64	43	33	19	14	6	2	1		1127
12.25		1	1	1	2	11	32	53	98	107	143	135	125	106	80	88	77	40	25	13	6	1	2	1		1148
12.05			1	3	8	18	50	70	116	120	195	146	143	127	82	110	65	50	26	12	10	1	2		1	1356
11.85	2	1		4	5	18	34	49	81	111	111	121	108	66	99	81	49	28	24	11	3	1		1		1008
11.65			1	2	8	23	34	48	85	100	115	93	105	68	46	49	34	23	7	7	5	3				856
11.45				3	4	16	22	57	49	76	108	72	67	55	42	41	21	11	10	4	1			2		661
11.25			1	4		15	24	36	61	57	62	70	42	31	22	11	16	3	7							462
11.05			1	1	3	10	13	32	25	38	36	27	21	29	16	15	9	4	1	1			1			283
10.85					1	1	9	9	15	9	11	7	8	7	6	5	4	1	3							96
10.65					1	2	6	7	8	5	5	5	2	5	1	2	2	1								52
10.45				1	1	1	2	2	7	2	2	5	7	1	1	2	1		1							36
10.25		1			1		1		1	1	1			1		1										8
10.05													3													3
TOTALS	3	4	10	26	40	151	291	475	730	903	1200	1107	1050	821	684	688	499	313	211	98	63	18	18	7	4	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.204)

FOR X ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- X = 0.223* Y + 12.154 / S.E. = 0.66
FOR Y ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ-- Y = 0.186* X + 9.379 / S.E. = 0.60



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding caliper.

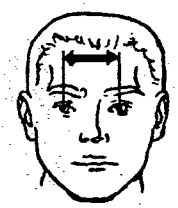
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD BREADTH
AND
Y =INTERPUPILLARY DISTANCE

Y /X= =/	12 .55	12 .75	12 .95	13 .15	13 .35	13 .55	13 .75	13 .95	14 .15	14 .35	14 .55	14 .75	14 .95	15 .15	15 .35	15 .55	15 .75	15 .95	16 .15	16 .35	16 .55	16 .75	16 .95	17 .15	17 .35	TOTALS
7.45																1					1					2
7.25												1	1			2		1			1					6
7.05					1			2		4	6	4	5	6	10	8	7	7	2	1	5		1			69
6.85						1	2	4	3	10	15	8	23	19	18	23	12	12	5	5	7		3	1	1	172
6.65			1			4	5	8	27	25	50	56	60	53	40	42	32	22	12	8	5	2	3	1		456
6.45				2	3	7	22	40	65	80	131	147	152	112	118	114	74	50	44	18	8	3	3	2	1	1196
6.25		1	4	6	9	25	46	91	134	194	224	238	220	156	150	139	103	76	51	22	14	4	1	2	2	1912
6.05	1	1	2	7	13	44	87	142	235	273	385	334	308	230	179	210	151	85	57	25	10	5	3			2787
5.85			1	5	4	27	62	87	142	171	196	179	143	127	98	101	82	34	23	14	9	1	1	1		1508
5.65	1	1	1	3	7	22	37	69	86	99	120	98	92	74	55	33	27	19	11	3	2	2	1			863
5.45	1			2	3	16	27	22	30	42	60	34	36	41	12	14	9	6	5	1	1	1	2			365
5.25		1	1	1		4	3	8	6	2	10	7	8	3	4	1	2	1	1	1						64
5.05						1		2	2	3	3	1	2													14
TOTALS	3	4	10	26	40	151	291	475	730	903	1200	1107	1050	821	684	688	499	313	211	98	63	18	18	7	4	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.207)

FOR X ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- X = 0.430* Y + 12.243 / S.E. = 0.66
FOR Y ... MEAN = 6.09 S.D. = 0.32 ... REQ EQ-- Y = 0.099* X + 4.620 / S.E. = 0.32



Interpupillary Distance

With subject's eyes looking straight ahead, measure distance between the centers of the pupils of the two eyes with the small sliding caliper.

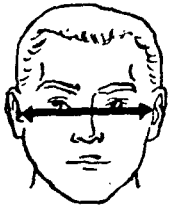
.....A BIVARIATE FREQUENCY TABLE FOR

X =FACE BREADTH
AND
Y =BITRAGION DIAMETER

Y /X= =/	10 .10	10 .40	10 .70	11 .00	11 .30	11 .60	11 .90	12 .20	12 .50	12 .80	13 .10	13 .40	13 .70	14 .00	14 .30	14 .60	14 .90	TOTALS
15.35											1	1	2					4
15.15								1				3						4
14.95								1	2		3	1	2	3		1		13
14.75						2		1	7	1	5	9	10	4	2			41
14.55						1	5	8	10	22	26	16	10	4	1			103
14.35						4	5	18	36	32	33	36	11	4		1		180
14.15					6	7	16	45	71	66	77	43	12	6	1			350
13.95				1	3	28	53	89	127	107	98	54	26	4		1	1	592
13.75		2	1	4	21	54	114	152	208	156	107	34	5	1				859
13.55			2	24	39	111	205	262	317	190	119	35	8	1				1313
13.35		1	5	28	60	140	253	297	247	165	70	22	2					1290
13.15	2	2	8	37	92	245	311	327	203	84	38	5	3		1			1358
12.95		2	16	59	117	232	311	226	172	54	10	2	2					1203
12.75	1	6	22	83	121	210	224	147	77	12	6	3						912
12.55	2	11	26	89	132	162	154	50	27	6	2	2	3	1				667
12.35	3	7	25	38	68	77	56	16	5									295
12.15		8	15	37	35	42	16	3	2				1					159
11.95		3	8	15	10	9	3		1	1		1						51
11.75		2	4	1	5													12
11.55		2	1	1	3		1											8
TOTALS	8	46	133	417	712	1324	1727	1643	1512	896	595	267	97	28	5	3	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.608)

FOR X ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- X = 0.727* Y + 2.481 / S.E. = 0.51
FOR Y ... MEAN = 13.27 S.D. = 0.53 ... REQ EQ-- Y = 0.508* X + 7.109 / S.E. = 0.42



Bitragion Diameter

Measure distance from the cartilaginous notch (tragion) of the right ear to same point of the left ear with the spreading caliper.

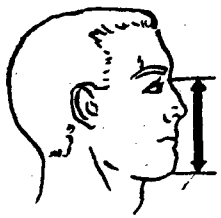
.....A BIVARIATE FREQUENCY TABLE FOR

X =FACE BREADTH
AND
Y =FACE LENGTH %MENTON-NASAL ROOT DEPRESSION¤

Y /X= =/	10 .10	10 .40	10 .70	11 .00	11 .30	11 .60	11 .90	12 .20	12 .50	12 .80	13 .10	13 .40	13 .70	14 .00	14 .30	14 .60	14 .90	TOTALS
14.65									1									1
14.45								1	1	1		2		1				6
14.25										1	2							3
14.05					1		1	2	2	1	4	2						13
13.85					2	2	3	5	5	8	4	3		2				34
13.65				1	1	3	5	14	12	7	9	1	4					57
13.45				3	5	9	16	20	29	16	12	8	2	2				122
13.25		1	2	9	7	15	31	38	59	32	19	11	4	2				230
13.05		1	1	10	22	48	63	76	75	60	38	19	5	1				419
12.85		1	6	15	34	67	91	106	120	82	56	23	12	1	2	1		617
12.65	2	3	5	18	57	95	138	141	156	84	71	22	17	6	1			816
12.45		5	15	51	67	142	230	213	180	103	70	39	9	3				1127
12.25	3	5	9	40	64	156	214	216	201	116	76	36	10	1	1			1148
12.05	1	10	19	70	91	177	249	248	210	145	71	46	14	3		2		1356
11.85		2	16	51	93	163	209	178	131	78	48	24	10	3	1		1	1008
11.65	1	4	20	38	83	139	158	152	118	79	47	13	2	2				856
11.45	1	7	11	42	70	120	133	98	98	35	30	10	6					661
11.25		5	11	34	55	86	92	75	47	30	23	4						462
11.05		1	10	14	29	65	55	43	39	13	9	4	1					283
10.85		1	6	9	13	15	17	11	17	1	4		1	1				96
10.65			2	5	9	11	11	5	6	2	1							52
10.45				7	5	7	10	1	4	1	1							36
10.25					4	4												8
10.05							1		1	1								3
TOTALS	8	46	133	417	712	1324	1727	1643	1512	896	595	267	97	28	5	3	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.215)

FOR X ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- X = 0.224* Y + 9.409 / S.E. = 0.62
FOR Y ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ-- Y = 0.206* X + 9.645 / S.E. = 0.60



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding caliper.

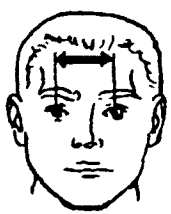
.....A BIVARIATE FREQUENCY TABLE FOR

X =FACE BREADTH
AND
Y =INTERPUPILLARY DISTANCE

Y /X= =/	10 .10	10 .40	10 .70	11 .00	11 .30	11 .60	11 .90	12 .20	12 .50	12 .80	13 .10	13 .40	13 .70	14 .00	14 .30	14 .60	14 .90	TOTALS
7.45												1			1			2
7.25									1	2		1	1	1				6
7.05							2	9	13	11	12	14	3	4	1			69
6.85			1	2	3	8	16	18	32	32	29	20	5	4	1	1		172
6.65	1		2	4	12	22	58	59	106	77	75	31	8	1				456
6.45		3	6	22	43	111	179	204	246	155	129	62	31	3	2			1196
6.25		6	11	51	97	230	355	353	339	213	159	59	30	9				1912
6.05	5	15	38	119	210	400	527	540	459	261	135	56	14	5		2	1	2787
5.85		10	33	92	163	294	299	283	180	98	36	17	2	1				1508
5.65	2	10	23	72	107	167	199	126	94	41	15	4	3					863
5.45		1	14	40	69	76	73	45	36	6	4	1						365
5.25		1	3	10	6	15	16	6	5		1	1						64
5.05			2	5	2	1	3		1									14
TOTALS	8	46	133	417	712	1324	1727	1643	1512	896	595	267	97	28	5	3	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.368)

FOR X ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- X = 0.730* Y + 7.682 / S.E. = 0.60
FOR Y ... MEAN = 6.09 S.D. = 0.32 ... REQ EQ-- Y = 0.185* X + 3.847 / S.E. = 0.30



Interpupillary Distance

With subject's eyes looking straight ahead, measure distance between the centers of the pupils of the two eyes with the small sliding caliper.

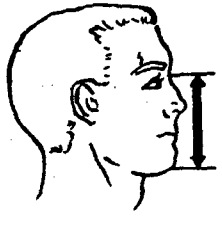
.....A BIVARIATE FREQUENCY TABLE FOR

X =BITRAGION DIAMETER
AND
Y =FACE LENGTH %MENTON-NASAL ROOT DEPRESSION¤

Y /X= =/	11 .55	11 .75	11 .95	12 .15	12 .35	12 .55	12 .75	12 .95	13 .15	13 .35	13 .55	13 .75	13 .95	14 .15	14 .35	14 .55	14 .75	14 .95	15 .15	15 .35	TOTALS
14.65										1											1
14.45									1	2					1	2					6
14.25											1		2								3
14.05									1	2	3	4	1	1	1						13
13.85						1		1	6	5	5	7	3	2	3		1				34
13.65					2	1	2	4	4	10	6	10	6	6	4	1	1				57
13.45					1	5	6	12	12	19	23	9	13	5	9	6	1	1			122
13.25				2	1	13	7	16	30	29	37	37	18	17	11	7	3	1		1	230
13.05			2	4	3	25	28	42	50	60	57	54	41	33	13	4	3				419
12.85		2	2	4	14	17	46	68	78	105	91	75	53	32	14	11	2	2		1	617
12.65			2	6	19	30	58	99	111	107	147	90	53	42	24	18	6	4			816
12.45			9	7	24	74	102	128	162	158	181	108	77	51	23	15	8				1127
12.25		1	5	16	31	70	104	129	204	157	175	109	79	40	13	10	4	1			1148
12.05	3	1	7	24	44	101	158	168	170	202	177	126	93	35	25	13	4	3	2		1356
11.85	2	3	7	25	28	85	114	134	165	123	115	78	69	35	16	4	3		2		1008
11.65			5	20	37	77	88	141	137	97	116	60	33	26	8	8	2	1			856
11.45	1	2	3	17	34	62	82	98	95	88	82	45	25	13	8	3	2			1	661
11.25	2	1	4	11	18	58	56	90	70	57	44	29	13	5	3					1	462
11.05		2	2	17	17	21	33	49	39	40	34	13	7	5	3		1				283
10.85				2	12	12	13	11	9	17	10	3	5	1		1					96
10.65			1	1	5	9	9	6	9	6	3	1	1		1						52
10.45			1	2	4	5	6	5	4	3	5			1							36
10.25			1	1	1			2	1	2											8
10.05						1					1	1									3
TOTALS	8	12	51	159	295	667	912	1203	1358	1290	1313	859	592	350	180	103	41	13	4	4	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.241)

FOR X ... MEAN = 13.27 S.D. = 0.53 ... REQ EQ-- X = 0.210* Y + 10.720 / S.E. = 0.52
FOR Y ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ-- Y = 0.276* X + 8.481 / S.E. = 0.60



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding caliper.

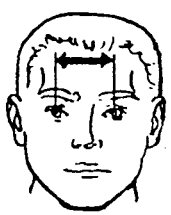
.....A BIVARIATE FREQUENCY TABLE FOR

X =BITRAGION DIAMETER
AND
Y =INTERPUPILLARY DISTANCE

Y /X= =/	11 .55	11 .75	11 .95	12 .15	12 .35	12 .55	12 .75	12 .95	13 .15	13 .35	13 .55	13 .75	13 .95	14 .15	14 .35	14 .55	14 .75	14 .95	15 .15	15 .35	TOTALS
7.45																	1		1		2
7.25												1		3	1			1			6
7.05						2	1	1	3	2	12	10	13	5	8	5	4	2		1	69
6.85						3	3	8	15	21	22	29	24	21	11	8	4	2	1		172
6.65					4	7	24	25	52	56	88	54	51	49	21	16	7	2			456
6.45			2	4	7	38	67	107	145	175	211	152	126	75	45	28	9	2	2	1	1196
6.25	1	1	4	16	31	104	138	259	281	304	300	211	106	79	39	24	9	3		2	1912
6.05	3	1	12	42	83	207	284	391	433	400	390	235	170	81	38	13	3	1			2787
5.85	1	4	14	47	78	132	202	210	237	183	174	105	71	27	14	6	3				1508
5.65	3	2	9	24	60	112	123	129	127	112	83	46	20	8	3	1	1				863
5.45		3	9	23	25	49	56	60	51	33	30	12	11	1		2					365
5.25		1	1	2	5	10	12	9	12	4	3	4		1							64
5.05				1	2	3	2	4	2												14
TOTALS	8	12	51	159	295	667	912	1203	1358	1290	1313	859	592	350	180	103	41	13	4	4	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.369)

FOR X ... MEAN = 13.27 S.D. = 0.53 ... REQ EQ-- X = 0.613* Y + 9.537 / S.E. = 0.50
FOR Y ... MEAN = 6.09 S.D. = 0.32 ... REQ EQ-- Y = 0.222* X + 3.145 / S.E. = 0.30



Interpupillary Distance

With subject's eyes looking straight ahead, measure distance between the centers of the pupils of the two eyes with the small sliding caliper.

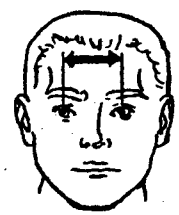
.....A BIVARIATE FREQUENCY TABLE FOR

X =FACE LENGTH %MENTON-NASAL ROOT DEPRESSION□
AND
Y =INTERPUPILLARY DISTANCE

Y /X= =/	10 .05	10 .25	10 .45	10 .65	10 .85	11 .05	11 .25	11 .45	11 .65	11 .85	12 .05	12 .25	12 .45	12 .65	12 .85	13 .05	13 .25	13 .45	13 .65	13 .85	14 .05	14 .25	14 .45	14 .65	TOTALS
7.45										1				1											2
7.25								1			1	1		2		1									6
7.05							1	2	3	4	11	8	5	7	11	3	7	1	3			1	2		69
6.85				1		1	5	5	7	15	27	15	15	24	18	16	9	8	4	2					172
6.65				1	4	9	9	18	23	30	64	60	61	53	49	29	21	12	4	5	3			1	456
6.45			1	2	8	20	37	54	84	95	165	148	160	131	110	79	49	24	15	6	6	1	1		1196
6.25		1	5	7	16	43	93	99	177	177	268	261	249	178	129	95	53	34	15	8	1	1	2		1912
6.05	2	2	10	8	35	90	153	227	275	298	417	331	343	223	155	116	57	26	7	10	1		1		2787
5.85		1	10	12	20	55	80	127	138	225	208	177	172	109	91	44	22	8	7	1	1				1508
5.65		2	3	14	8	38	56	71	103	113	135	102	76	61	39	22	10	7	2	1					863
5.45	1	1	4	7	3	24	24	41	35	43	52	39	38	21	15	12	1	2		1	1				365
5.25		1	1		2	2	1	15	8	7	7	5	7	5		2	1								64
5.05			2			1	3	1	3		1	1	1	1											14
TOTALS	3	8	36	52	96	283	462	661	856	1008	1356	1148	1127	816	617	419	230	122	57	34	13	3	6	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.223)

FOR X ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ-- X = 0.425* Y + 9.555 / S.E. = 0.60
FOR Y ... MEAN = 6.09 S.D. = 0.32 ... REQ EQ-- Y = 0.117* X + 4.670 / S.E. = 0.31



Interpupillary Distance

With subject's eyes looking straight ahead, measure distance between the centers of the pupils of the two eyes with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =FOOT LENGTH
AND
Y =INSTEP LENGTH

Y /X= =/	21 .70	22 .20	22 .70	23 .20	23 .70	24 .20	24 .70	25 .20	25 .70	26 .20	26 .70	27 .20	27 .70	28 .20	28 .70	29 .20	29 .70	30 .20	30 .70	31 .20	TOTALS
23.00															1						1
22.50																					0
22.00																				1	1
21.50																	1				1
21.00													1	4	6	6	6		1	1	25
20.50												2		1	3	1	4				11
20.00											7	12	26	20	24	20	8	2			119
19.50									1	5	6	17	39	36	13	5	2	1			125
19.00							1	3	17	60	101	173	144	78	24	7	6	1			615
18.50						1	2	8	28	76	97	88	62	20	3	3					388
18.00						2	13	83	173	323	318	231	115	49	24	6	2				1339
17.50						7	28	87	133	149	100	48	20	5	1	1					579
17.00				1	5	54	137	257	322	294	193	106	40	12	2	2	1				1426
16.50				2	13	63	108	114	96	48	33	9	4	1							491
16.00			2	9	36	97	116	137	131	80	24	10	5	2							649
15.50			2	13	34	29	34	28	21	9											170
15.00	1		2	10	16	25	21	16	9	6	4										110
14.50			1	4	2	5	1														13
14.00		1		4	2	4	1														12
13.50										1											1
13.00						1	1		1												3
12.50																					0
12.00																					0
11.50				1																	1
TOTALS	1	1	7	44	108	288	463	733	932	1051	883	696	456	228	101	51	30	4	1	2	6080

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.715)

FOR X ... MEAN = 26.01 S.D. = 1.20 ... REG EQ-- X = 0.756* Y + 12.809 / S.E. = 0.84
FOR Y ... MEAN = 17.46 S.D. = 1.14 ... REG EQ-- Y = 0.676* X - 0.123 / S.E. = 0.80



69. Instep Length

Subject's right foot is in same position in foot box as for No. 68. Measure distance from back of heel to widest part of foot (ball of foot).

.....A BIVARIATE FREQUENCY TABLE FOR

X =FOOT LENGTH
AND
Y =FOOT BREADTH

Y /X= =/	21 .70	22 .20	22 .70	23 .20	23 .70	24 .20	24 .70	25 .20	25 .70	26 .20	26 .70	27 .20	27 .70	28 .20	28 .70	29 .20	29 .70	30 .20	30 .70	31 .20	31 .70	32 .20	TOTALS
12.45								1	3	1	3	1	3	1	1	1							15
12.25								1															1
12.05						2	4	7	10	20	13	16	19	7	9	3	3		1			1	115
11.85												1											1
11.65									2			1				1							4
11.45			1	1	4	8	20	37	58	61	78	76	50	44	21	11	10	1		1			482
11.25						1		1	2	1	1		3	1									10
11.05		1		4	12	28	67	118	199	256	265	240	169	104	44	28	9	5		1			1550
10.85								1	1	1	1	1			1								6
10.65							2	3	2	2	9	4	4	2	1								29
10.45			2	11	31	98	172	252	426	500	412	360	233	112	57	25	12						2703
10.25				1	2	2	1	4	1	9	3	2											25
10.05			6	14	48	144	242	362	510	466	426	249	150	40	23	9	5						2694
9.85																							0
9.65					1	3	1	3	3	3	2		1										17
9.45	1		7	17	53	94	149	237	226	219	150	107	36	14	5	1							1316
9.25						1		3	1		1												6
9.05		2	2	13	24	43	68	68	43	54	34	18	9		2		1						381
8.85																							0
8.65																							0
8.45			2	5	4	8	13	5	9	5			1										52
8.25																							0
8.05				2		2	1	2															7
TOTALS	1	3	20	68	179	434	740	1105	1496	1598	1398	1076	678	325	164	79	40	6	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.328)

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ-- X = 0.609* Y + 19.713 / S.E. = 1.14
FOR Y ... MEAN = 10.30 S.D. = 0.65 ... REQ EQ-- Y = 0.176* X + 5.725 / S.E. = 0.61



70. Foot Breadth

Subject's right foot is in same position in foot box as for No. 68 and No. 69. Measure maximum breadth of foot at ball of foot.

.....A BIVARIATE FREQUENCY TABLE FOR

X =FOOT LENGTH
AND
Y =HEEL BREADTH

Y /X=	21	22	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	
=/	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	TOTALS
8.55																			1				1
8.35																	1						1
8.15												2	3	1	2	3	1			1			13
7.95								3		2	8	9	9	10	6	1	4	1					53
7.75						1		1	4	7	8	10	13	6	4								54
7.55							2	5	17	17	40	47	40	28	16	10	7			1		1	231
7.35						1	3	15	22	65	76	73	57	39	23	9	5	2					390
7.15				1	1	13	24	69	124	142	195	190	144	81	31	21	11						1047
6.95				2	16	54	126	239	372	467	447	332	212	91	47	24	9	3					2441
6.75				2	14	58	121	181	302	268	222	180	95	34	20	4							1501
6.55			2	19	41	140	241	310	422	406	273	172	76	27	11	6	2						2148
6.35	1		10	19	51	77	106	151	116	120	70	25	14	5	1	1							767
6.15		2	2	15	34	55	73	88	88	81	40	24	14		2								518
5.95		1	2	8	18	32	43	40	28	22	18	12	1	3	1								229
5.75			3	2	3	2		1		1	1												13
5.55			1		1	1		2	1														6
TOTALS	1	3	20	68	179	434	739	1105	1496	1598	1398	1076	678	325	164	79	40	6	1	2	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.457)

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ-- X = 1.492* Y + 15.852 / S.E. = 1.07
FOR Y ... MEAN = 6.79 S.D. = 0.37 ... REQ EQ-- Y = 0.140* X + 3.154 / S.E. = 0.33



71. Heel Breadth

Subject stands on flat surface. Measure maximum breadth of right heel behind and below the projections of the ankle bones with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =FOOT LENGTH
AND
Y =BALL-OF-FOOT CIRCUMFERENCE

Y /X= =/	21 .70	22 .20	22 .70	23 .20	23 .70	24 .20	24 .70	25 .20	25 .70	26 .20	26 .70	27 .20	27 .70	28 .20	28 .70	29 .20	29 .70	30 .20	30 .70	31 .20	31 .70	32 .20	TOTALS
31.10												1			1	1						1	4
30.60																							0
30.10										1			1	4	4	3	2			1			16
29.60												2			2		1						5
29.10								3	2	5	21	26	21	17	13	8	7	1					124
28.60										3	3	4	7	7	3	4	2						33
28.10						4	4	14	50	53	111	111	101	84	35	18	11	3	1				600
27.60						1	2	3	10	19	9	18	22	11	6	3	1						105
27.10				1	1	9	38	93	178	259	291	322	201	96	63	23	5	2		1			1583
26.60						3	5	11	27	42	49	31	22	12	6	4							212
26.10				1	20	54	133	258	450	548	456	341	204	78	19	11	7						2580
25.60					2	8	17	28	58	45	39	23	14	4	4		1						243
25.10			3	17	52	145	284	398	474	437	320	153	67	11	5	4	3						2373
24.60				3	10	10	17	26	24	27	18	4	1										140
24.10		2	6	19	56	140	177	214	175	131	68	35	15	1	3								1042
23.60	1			1	3	7	7	8	3	5	3	2											40
23.10		1	7	18	28	42	47	43	42	21	10	2	2										263
22.60				1	1		1	2	2	2													9
22.10			4	6	5	10	7	4	1			1											38
21.60																							0
21.10				1	1		1																3
TOTALS	1	3	20	68	179	433	740	1105	1496	1598	1398	1076	678	325	164	79	40	6	1	2	0	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.549)

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REG EQ--- X = 0.511* Y + 12.816 / S.E. = 1.00
FOR Y ... MEAN = 25.77 S.D. = 1.29 ... REG EQ--- Y = 0.590* X + 10.439 / S.E. = 1.08

F80BI-OPRTR CNCL

IA58I	CUU	RW	RR	RN	PW	PR	PN
IA59I	OC1	0	1	0	0	0	0



72. Ball-of-Foot Circumference

Subject stands on flat surface. Measure maximum circumference of right foot at ball of foot with tape.

.....A BIVARIATE FREQUENCY TABLE FOR

X =FOOT LENGTH
AND
Y =HEEL-ANKLE DIAGONAL

Y /X=	21	22	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	
=/	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	TOTALS
39.45													1		1	1	1					1	5
38.45											1	7	6	9	6	9	12	3		2			55
37.45									4	9	15	22	47	56	41	21	17	1	1				234
36.45								4	17	44	100	156	160	103	64	27	6	1					682
35.45					1	3	15	52	140	255	368	389	250	115	38	15	1	1					1643
34.45					5	22	77	204	447	632	534	361	164	35	12	6	2						2501
33.45				3	24	124	257	446	615	487	326	125	40	6	1		1						2455
32.45			2	19	56	169	264	311	228	155	50	16	9	1	1								1281
31.45		1	7	27	68	91	111	76	34	11	4		1										431
30.45	1	1	8	12	23	19	16	12	11	5													108
29.45		1	3	7	1	5																	17
28.45					1																		1
27.45																							0
26.45						1																	1
TOTALS	1	3	20	68	179	434	740	1105	1496	1598	1398	1076	678	325	164	79	40	6	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.715)

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REG EQ-- X = 0.586* Y + 6.216 / S.E. = 0.84
FOR Y ... MEAN = 33.73 S.D. = 1.47 ... REG EQ-- Y = 0.873* X + 11.050 / S.E. = 1.03

73. Heel-Ankle Diagonal



Subject stands on flat surface. With tape, measure the diagonal circumference around the right ankle, around rear tip of the heel, and over instep where foot joins the leg.

.....A BIVARIATE FREQUENCY TABLE FOR

X =FOOT LENGTH
AND
Y =INSTEP CIRCUMFERENCE

Y /X= =/	21 .70	22 .20	22 .70	23 .20	23 .70	24 .20	24 .70	25 .20	25 .70	26 .20	26 .70	27 .20	27 .70	28 .20	28 .70	29 .20	29 .70	30 .20	30 .70	31 .20	31 .70	32 .20	TOTALS
34.00													1				1						2
33.50											1							1					2
33.00												2	2	2			1						7
32.50											1		1										2
32.00						1	1	4	5	4	4	8	6	9	4	1							47
31.50												1	1		1								3
31.00					1	3	1	5	6	13	20	19	22	6	3	2	5	1					107
30.50									2			1											3
30.00					2	2	11	21	47	47	55	53	31	28	13	12	6		1	1		1	331
29.50								9	6	13	9	3	8	2	3	2	3						58
29.00				2	4	16	48	78	105	146	138	95	82	50	35	17	6	2					824
28.50					2	1	6	13	16	18	13	15	14	11	4	1	1						115
28.00				1	23	46	82	147	221	263	249	245	177	85	50	18	6	1		1			1615
27.50				1	2	6	16	21	21	31	32	35	25	14	4	2	2						212
27.00				15	22	86	140	227	313	368	381	307	160	75	33	20	7	1					2155
26.50					2	6	15	19	38	47	29	32	16	4	3	1							212
26.00		1	5	12	30	101	173	275	400	373	306	191	100	34	8	3	2						2014
25.50			1	4	5	11	26	32	39	39	33	15	8	1	1								215
25.00	1	1	7	12	46	86	146	178	216	174	108	49	19	4	1								1048
24.50					2	7	10	8	9	10	5	1	1										53
24.00		1	3	13	31	47	57	55	49	47	12	4	3		1								323
23.50				1		1	1	5	1	2													11
23.00			3	6	6	12	7	8	2	2	2		1										49
22.50			1		1					1													3
22.00				1		2																	3
TOTALS	1	3	20	68	179	434	740	1105	1496	1598	1398	1076	678	325	164	79	40	6	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.357)

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ-- X = 0.274* Y + 18.599 / S.E. = 1.12
FOR Y ... MEAN = 26.95 S.D. = 1.56 ... REQ EQ-- Y = 0.464* X + 14.898 / S.E. = 1.46

74. **Instep Circumference**



Subject stands on flat surface. With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.

.....A BIVARIATE FREQUENCY TABLE FOR

X =FOOT BREADTH
AND
Y =HEEL BREADTH

Y /X= =/	8 .05	8 .25	8 .45	8 .65	8 .85	9 .05	9 .25	9 .45	9 .65	9 .85	10 .05	10 .25	10 .45	10 .65	10 .85	11 .05	11 .25	11 .45	11 .65	11 .85	12 .05	12 .25	12 .45	TOTALS
8.55																					1			1
8.35																1								1
8.15											1		2			6		1			3			13
7.95											6	1	14	1		18		12			1			53
7.75								3			10		21			9		7			4			54
7.55						1		16			32		74	4		57		39	2		5		1	231
7.35								25			78		126	2	1	97	2	40			15		4	390
7.15						17		82	3		225	2	317	4	1	274	3	90	1		24	1	3	1047
6.95			2			37	2	245	3		675	11	780	9	2	478	2	157		1	33		4	2441
6.75			3			51	1	188	1		466	3	475	5		230	1	63			11		3	1501
6.55	2		16			123	2	382	5		714	4	565	4		263	1	52			15			2146
6.35			10			64		181	1		245		185			69	1	10			1			767
6.15	2		9			51	1	135	2		171	2	103		1	34		6			1			518
5.95	3		9			31		54	2		66	2	41			14		5	1		1			229
5.75			1			4		5			2				1									13
5.55			2			2					2													6
TOTALS	7	0	52	0	0	381	61	316	17	02	693	252	703	29	61	550	10	482	4	1	115	1	15	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.348)

FOR X ... MEAN = 10.30 S.D. = 0.65 ... REQ EQ-- X = 0.611* Y + 6.148 / S.E. = 0.61
FOR Y ... MEAN = 6.79 S.D. = 0.37 ... REQ EQ-- Y = 0.198* X + 4.753 / S.E. = 0.35



71. **Heel Breadth**

Subject stands on flat surface. Measure maximum breadth of right heel behind and below the projections of the ankle bones with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =FOOT BREADTH
AND
Y =BALL-OF-FOOT CIRCUMFERENCE

Y /X= =/	8 .05	8 .25	8 .45	8 .65	8 .85	9 .05	9 .25	9 .45	9 .65	9 .85	10 .05	10 .25	10 .45	10 .65	10 .85	11 .05	11 .25	11 .45	11 .65	11 .85	12 .05	12 .25	12 .45	TOTALS
31.10																		2			2			4
30.60																								0
30.10																3		7			4		2	16
29.60																2		1			2			5
29.10											5		10			37		42			25		5	124
28.60											1		3			12		11			5		1	33
28.10								2			23		150	1	1	242		143		1	35		2	600
27.60											6		26	1		50	1	14	1		6			105
27.10								27	1		207	1	636	2		520	3	166	1		15		4	1583
26.60								7			46	1	92	6		52	1	4	1		2			212
26.10						8		209	1		841	2	1017	6	2	413	2	66			11	1	1	2580
25.60						1		28	1		92	2	85	4		26	1				3			243
25.10	1		2			96	2	464	2		1053	12	542	5	1	163	2	23			5			2373
24.60						7		50	1		49	4	23	1		4		1						140
24.10	2		12			159	2	409	4		318	3	105	2	1	24		1						1042
23.60						7	1	16	4		7		3		1			1						40
23.10	2		19			83	1	97	2		45		10	1		2			1					263
22.60			2			5		1	1															9
22.10	1		17			12		6			1		1											38
21.60																								0
21.10	1					2																		3
TOTALS	7	0	52	0	0	380	6	1316	17	0	2694	25	2703	29	6	1550	10	482	4	1	115	1	15	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.657)

FOR X ... MEAN = 10.30 S.D. = 0.65 ... REG EQ-- X = 0.329* Y + 1.820 / S.E. = 0.49
FOR Y ... MEAN = 25.77 S.D. = 1.29 ... REG EQ-- Y = 1.311* X + 12.270 / S.E. = 0.97



72. **Ball-of-Foot Circumference**

Subject stands on flat surface. Measure maximum circumference of right foot at ball of foot with tape.

.....A BIVARIATE FREQUENCY TABLE FOR

X =FOOT BREADTH
AND
Y =HEEL-ANKLE DIAGONAL

Y /X= =/	8 .05	8 .25	8 .45	8 .65	8 .85	9 .05	9 .25	9 .45	9 .65	9 .85	10 .05	10 .25	10 .45	10 .65	10 .85	11 .05	11 .25	11 .45	11 .65	11 .85	12 .05	12 .25	12 .45	TOTALS
39.45																					5			5
38.45													9		1	21		18			6			55
37.45								3			17		57	1		72		63			19		2	234
36.45								17			103	1	233	2		218	1	82	1		19		5	682
35.45						12		90	2		338	3	584	5		439	2	129	1	1	34		3	1643
34.45			1			39		274			766	6	835	8		427	4	112	1		24	1	3	2501
33.45	2		6			107	2	424	3		865	6	673	11	2	281	3	60			8		2	2455
32.45	1		15			131	2	332	8		449	5	243	2	2	75		15	1					1281
31.45	2		14			69	1	138	3		129	2	59		1	11		2						431
30.45	1		10			19	1	32	1		27	2	9			5		1						108
29.45	1		5			3		6					1			1								17
28.45			1																					1
27.45																								0
26.45						1																		1
TOTALS	7	0	52	0	0	381	6	1316	17	0	2694	25	2703	29	6	1550	10	462	4	1	115	1	15	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.478)

FOR X ... MEAN = 10.30 S.D. = 0.65 ... REG EQ-- X = 0.211* Y + 3.180 / S.E. = 0.57
FOR Y ... MEAN = 33.73 S.D. = 1.47 ... REG EQ-- Y = 1.084* X + 22.571 / S.E. = 1.29

73. Heel-Ankle Diagonal



Subject stands on flat surface. With tape, measure the diagonal circumference around the right ankle, around rear tip of the heel, and over instep where foot joins the leg.

.....A BIVARIATE FREQUENCY TABLE FOR

X =FOOT BREADTH
AND
Y =INSTEP CIRCUMFERENCE

Y /X= =/	8 .05	8 .25	8 .45	8 .65	8 .85	9 .05	9 .25	9 .45	9 .65	9 .85	10 .05	10 .25	10 .45	10 .65	10 .85	11 .05	11 .25	11 .45	11 .65	11 .85	12 .05	12 .25	12 .45	TOTALS
34.00																		1			1			2
33.50																2								2
33.00																4		1			2			7
32.50											1							1						2
32.00						1		1			1		13			9		18			2		2	47
31.50													1			1		1						3
31.00								1			11		29			35		22			8		1	107
30.50													2					1						3
30.00						2		8			48	1	102			97		51			19		3	331
29.50								1			8		19			23		6			1			58
29.00						6		52			166		283	3		204	2	78	1		25		4	824
28.50						1		5			24	1	33	1		28	1	17			4			115
28.00						26		143			395	4	505	1	3	369	2	136			26	1	4	1615
27.50						2		15			50	1	80	3		49		8	1		3			212
27.00	2		3			62	2	273	1		606	2	708	7	1	387	1	82	1	1	15		1	2155
26.50						2		18	1		64	1	84	4		31		5	1		1			212
26.00			4			91		335	3		735	3	561	5	1	225	2	42			7			2014
25.50	1					7	1	46	2		72	6	53	2	1	20	2	2						215
25.00			18			88	1	274	5		394	2	195	2		58		10			1			1048
24.50			4			8	1	14	1		10	4	8			3								53
24.00	3		14			61	1	113	4		98		24	1		4								323
23.50			1			5		3			2													11
23.00	1		5			18		14			8		3											49
22.50			1			1										1								3
22.00			2								1													3
TOTALS	7	0	52	0	0	381	6	1316	17	0	2694	25	2703	29	6	1550	10	482	4	1	115	1	15	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.435)

FOR X ... MEAN = 10.30 S.D. = 0.65 ... REQ EQ-- X = 0.180* Y + 5.446 / S.E. = 0.58
FOR Y ... MEAN = 26.95 S.D. = 1.56 ... REQ EQ-- Y = 1.051* X + 16.131 / S.E. = 1.41

74. **Instep Circumference**



Subject stands on flat surface. With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEEL BREADTH
AND
Y =BALL-OF-FOOT CIRCUMFERENCE

Y /X=	5	5	5	6	6	6	6	6	7	7	7	7	7	8	8	8	
=/	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	TOTALS
31.10								2			1	1					4
30.60																	0
30.10						1		3	5	2	4	1					16
29.60								1	2	1				1			5
29.10					2	5	11	24	36	20	13	4	8		1		124
28.60							7	5	6	5	7		3				33
28.10			2	5	6	41	63	198	138	68	46	14	13	5		1	600
27.60					1	9	20	35	24	7	7	1	1				105
27.10			7	23	31	236	267	529	275	116	65	15	14	5			1583
26.60				4	9	38	34	53	45	14	8	2	4				211
26.10			38	119	134	587	443	778	316	95	51	10	8	1			2580
25.60			4	17	16	56	34	72	29	9	4	1	1				243
25.10	2	2	56	144	287	713	429	548	125	40	20	5	1	1			2373
24.60			6	17	23	38	15	31	7	2	1						140
24.10		4	72	118	167	342	151	141	35	9	3						1042
23.60		1	4	8	6	12	5	3			1						40
23.10	1	2	32	52	72	62	21	15	4	2							263
22.60				2	2	2		3									9
22.10	3	4	7	9	9	5	1										38
21.60																	0
21.10			1		2												3
TOTALS	6	13	229	518	767	2147	1501	2441	1047	390	231	54	53	13	1	1	9412

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.479)

FOR X ... MEAN = 6.79 S.D. = 0.37 ... REG EQ-- X = 0.137* Y + 3.261 / S.E. = 0.32
FOR Y ... MEAN = 25.77 S.D. = 1.29 ... REG EQ-- Y = 1.678* X + 14.374 / S.E. = 1.13



72. **Ball-of-Foot Circumference**

Subject stands on flat surface. Measure maximum circumference of right foot at ball of foot with tape.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEEL BREADTH
AND
Y =HEEL-ANKLE DIAGONAL

Y /X=	5		5	6	6	6	6	6	7	7	7	7	7	8	8	8	
=/	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	TOTALS
39.45								1			1	1		2			5
38.45					1			5	10	10	14	4	7	3	1		55
37.45						2	10	53	52	32	48	17	17	2		1	234
36.45			1	1	4	26	43	227	176	119	57	9	14	5			682
35.45			2	14	19	181	259	601	361	124	58	13	10	1			1643
34.45			17	50	102	565	526	848	281	73	29	7	2				2500
33.45			53	146	253	793	477	547	132	30	18	3	3				2455
32.45	1	1	85	150	258	457	162	135	24	2	6						1281
31.45	2	4	43	123	103	108	20	18	10								431
30.45		7	24	27	24	15	4	6	1								108
29.45	1	1	4	7	3	1											17
28.45	1																1
27.45																	0
26.45	1																1
TOTALS	6	13	229	518	767	2148	1501	2441	1047	390	231	54	53	13	1	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.626)

FOR X ... MEAN = 6.79 S.D. = 0.37 ... REG EQ-- X = 0.157* Y + 1.495 / S.E. = 0.29
FOR Y ... MEAN = 33.73 S.D. = 1.47 ... REG EQ-- Y = 2.493* X + 16.803 / S.E. = 1.14

73. **Heel-Ankle Diagonal**



Subject stands on flat surface. With tape, measure the diagonal circumference around the right ankle, around rear tip of the heel, and over instep where foot joins the leg.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEEL BREADTH
AND
Y =INSTEP CIRCUMFERENCE

Y /X=	5	5	5	6	6	6	6	6	7	7	7	7	7	8	8	8	
*/	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	TOTALS
34.00								1				1					2
33.50								1		1							2
33.00						1		1	1	1	1	1			1		7
32.50										1	1						2
32.00						3	7	19	8	6	2		2				47
31.50										3							3
31.00						7	4	40	19	11	16	2	5	3			107
30.50							1		2								3
30.00			1	1	6	28	35	121	63	39	18	8	8	2		1	331
29.50					2	5	10	20	13	3	1		4				58
29.00			8	9	27	107	119	284	136	63	48	10	10	3			824
28.50					1	16	12	39	25	13	5	2	1	1			115
28.00		1	14	13	79	278	259	541	244	104	50	17	11	4			1615
27.50			2	4	17	30	32	59	43	17	4	1	3				212
27.00			35	61	141	522	376	593	287	78	46	9	7				2155
26.50			3	9	27	49	39	49	20	8	5	2	1				212
26.00		1	54	122	204	613	356	459	142	36	25	1	1				2014
25.50		1	2	22	29	64	42	39	8	4	4						215
25.00	1	1	49	163	156	320	167	150	34	2	4						1047
24.50			3	8	10	20	5	5	1		1						53
24.00	2	5	44	86	56	75	36	18	1								323
23.50		1	1	3	2	2	1	1									11
23.00	2	3	12	15	10	7											49
22.50	1			1				1									3
22.00			1	1		1											3
TOTALS	6	13	229	518	767	2148	1501	2441	1047	390	231	54	53	13	1	1	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.470)

FOR X ... MEAN = 6.79 S.D. = 0.37 ... REG EQ-- X = 0.111* Y + 3.800 / S.E. = 0.32
FOR Y ... MEAN = 26.95 S.D. = 1.56 ... REG EQ-- Y = 1.997* X + 13.392 / S.E. = 1.38

74. Instep Circumference



Subject stands on flat surface. With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.

.....A BIVARIATE FREQUENCY TABLE FOR

X =BALL-OF-FOOT CIRCUMFERENCE
AND
Y =HEEL-ANKLE DIAGONAL

Y /X=	21	21*	22	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	
=/	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	TOTALS
39.45															3				1		1	5
38.45											1		10	2	21	2	12	2	4		1	55
37.45						1	1		3	1	18	4	68	8	72	14	35	2	6		1	234
36.45							1		23	5	148	19	235	24	181	5	37		3		1	682
35.45					3		18	2	177	35	529	70	535	39	193	10	30	1	1			1643
34.45					11	4	116	24	594	74	951	67	521	25	103	2	8		1			2501
33.45			1		37	4	347	53	941	84	733	42	184	6	21		2					2455
32.45	1		6	1	95	16	361	45	510	33	169	10	27	1	5							1280
31.45			12	5	76	12	167	11	111	10	24		2		1							431
30.45	2		9	2	37	3	28	4	14	1	7		1									108
29.45			8	1	4		3	1														17
28.45			1																			1
27.45																						0
26.45			1																			1
TOTALS	3	0	38	9	263	401	042	1402	373	2432	580	2121	583	105	600	33	124	5	16	0	4	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.673)

FOR X ... MEAN = 25.77 S.D. = 1.29 ... REQ EQ-- X = 0.593* Y + 5.766 / S.E. = 0.95
FOR Y ... MEAN = 33.73 S.D. = 1.47 ... REQ EQ-- Y = 0.765* X + 14.020 / S.E. = 1.08

73. Heel-Ankle Diagonal



Subject stands on flat surface. With tape, measure the diagonal circumference around the right ankle, around rear tip of the heel, and over instep where foot joins the leg.

.....A BIVARIATE FREQUENCY TABLE - -

X =BALL-OF-FOOT CIRCUMFERENCE
AND
Y =INSTEP CIRCUMFERENCE

Y /X=	21	21	22	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	
=/	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	TOTALS
34.00															2							2
33.50													1		1							2
33.00													1		4		1				1	7
32.50																2						2
32.00									1	2	9		14	3	14		2		1			46
31.50												1	2									3
31.00							1		5	3	22	1	40	3	21	1	6	1	3			107
30.50										1	1		1									3
30.00						1	4		43	4	91	9	100	6	43	4	21	1	3		1	331
29.50							1		7	2	17	6	13	3	5	3	1					58
29.00					1	1	30	4	154	15	244	8	200	14	102	9	33	2	6		1	824
28.50					1		4	2	18	13	23	6	22	8	11	1	5	1				115
28.00					16	2	88	17	333	18	447	36	380	26	207	8	34		2		1	1615
27.50					4	1	17	5	31	14	52	16	45	5	17	4	1					212
27.00			1		16	5	203	10	528	40	662	54	461	28	127	1	18		1			2155
26.50					4	2	13	4	46	11	71	18	34	2	7							212
26.00	1		4		56	7	247	28	639	54	653	36	244	7	36		2					2014
25.50				2	5	4	30	11	75	22	48	10	7		1							215
25.00			10	1	68	7	245	36	395	39	220	9	17		1							1048
24.50			3	2	6	2	15	8	10	3	3	1										53
24.00	1		7	1	65	6	130	10	83	1	16	1	1		1							323
23.50			1	1	4		3	2														11
23.00	1		9	1	16	2	11	3	5		1											49
22.50			1	1						1												3
22.00			2		1																	3
TOTALS	3	0	38	9	263	40	1042	140	2373	243	2580	212	1583	105	600	33	124	5	16	0	4	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.486)

FOR X ... MEAN = 25.77 S.D. = 1.29 ... REG EQ-- X = 0.402* Y + 14.935 / S.E. = 1.13
FOR Y ... MEAN = 26.95 S.D. = 1.56 ... REG EQ-- Y = 0.589* X + 11.775 / S.E. = 1.37

74. **Instep Circumference**



Subject stands on flat surface. With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEEL-ANKLE DIAGONAL
AND
Y =INSTEP CIRCUMFERENCE

Y /X=	26	27	28	29	30	31	32	33	34	35	36	37	38	39	
=/	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	TOTALS
34.00													1	1	2
33.50												1	1		2
33.00											2	2	3		7
32.50												2			2
32.00							1		4	16	13	11	2		47
31.50											2		1		3
31.00								4	20	28	28	19	7	1	107
30.50									3						3
30.00							3	24	82	99	66	40	14	3	331
29.50							2	7	16	15	9	5	4		58
29.00							17	127	214	249	143	64	10		824
28.50							4	29	23	34	19	2	4		115
28.00					1	6	81	320	485	437	218	61	6		1615
27.50					1	4	25	41	63	53	19	5	1		212
27.00					3	34	212	556	719	481	131	18	1		2155
26.50						6	28	68	78	26	4	2			212
26.00				1	17	83	378	754	593	162	25	1			2014
25.50				1	5	23	54	71	48	12	1				215
25.00				2	27	139	338	373	140	26	2	1			1048
24.50					2	16	23	7	5						53
24.00				4	38	94	107	68	7	5					323
23.50					3	7		1							11
23.00	1		1	7	9	18	8	4	1						49
22.50				1	1			1							3
22.00				1	1	1									3
TOTALS	1	0	1	17	108	431	1281	2455	2501	1643	682	234	55	5	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.599)

FOR X ... MEAN = 33.73 S.D. = 1.47 ... REG EQ— X = 0.562* Y + 18.586 / S.E. = 1.17
FOR Y ... MEAN = 26.95 S.D. = 1.56 ... REG EQ— Y = 0.639* X + 5.398 / S.E. = 1.25

74. **Instep Circumference**



Subject stands on flat surface. With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.

.....A BIVARIATE FREQUENCY TABLE FOR

X =FOOT LENGTH
AND
Y =VARIABLE NUMBER 8

Y /X= =/	21 .70	22 .20	22 .70	23 .20	23 .70	24 .20	24 .70	25 .20	25 .70	26 .20	26 .70	27 .20	27 .70	28 .20	28 .70	29 .20	29 .70	30 .20	30 .70	31 .20	31 .70	32 .20	TOTALS
42.25								1		1	1		2				4						9
41.25									1			4	1	8	1					1			16
40.25										1	4	5	7	3	2	6		1					29
39.25					1	1	4	3	7	8	13	19	15	17	12	3	1			1			105
38.25				1	1	2	4	9	15	35	47	51	35	36	18	5	6	1					266
37.25					3	9	12	23	65	69	95	107	74	43	29	9	8	1	1				54[illegible]
36.25					6	12	29	82	142	191	190	163	125	59	37	21	7						1064
35.25		1	2	4	10	36	59	118	194	266	241	194	127	61	25	13	7	2				1	1361
34.25			2	6	18	58	134	217	276	313	264	212	143	57	18	14	4	1					1737
33.25			1	13	24	79	146	221	311	292	218	161	75	18	13	6	3						1581
32.25			4	15	38	82	160	192	249	199	186	88	52	16	6	1							1288
31.25			2	10	41	69	107	124	146	153	97	46	14	3	1								813
30.5	1	1	5	9	14	52	50	73	67	43	31	24	6	2	1	1							380
29.25		1	2	7	17	23	27	30	19	18	7		2	2	1								156
28.25			1	2	4	8	5	9	4	7	3	1											44
27.25				1	1	3	2	3		1		1											12
26.25			1		1					1	1												4
25.25							1																1
TOTALS	1	3	20	68	179	434	740	1105	1496	1598	1398	1076	678	325	164	79	40	6	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.420)

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REG EQ-- X = 0.231* Y + 18.121 / S.E. = 1.09
FOR Y ... MEAN = 34.04 S.D. = 2.19 ... REG EQ-- Y = 0.766* X + 14.140 / S.E. = 1.99



13. **Calf Height**

Subject stands erect. Measure vertical distance from floor to point of maximum calf circumference on right leg.

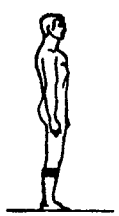
.....A BIVARIATE FREQUENCY TABLE FOR

X =FOOT LENGTH
AND
Y =CALF CIRCUMFERENCE

Y /X=	21	22	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	
=/	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	TOTALS
44.25											1	1	1										3
43.25											3		1										4
42.25								1	1	1	4	3	2	1	1	2	1		1				18
41.25									2	2	3	2	3	2	2		1			1			18
40.25						1	1	5	9	13	12	11	6	3	6	2	2						71
39.25						1	1	4	7	14	18	31	12	11	5	3	3						112
38.25			1		2	1	5	14	27	49	39	35	36	11	10	8	2	1					241
37.25				2		4	17	30	72	83	73	85	56	29	14	10	4	1					480
36.25					4	15	30	60	92	125	149	126	83	53	28	6	7	2				1	781
35.25			1	4	10	28	61	111	190	221	200	178	125	71	21	15	6	1		1			1244
34.25				7	16	75	124	204	270	286	278	214	122	58	36	14	8						1712
33.25			1	9	26	82	135	195	290	314	225	172	109	46	20	12	3	1					1640
32.25				13	38	95	141	200	269	239	207	129	70	26	11	3							1441
31.25	1		8	14	34	61	125	163	163	155	115	57	29	9	7	3	1						945
30.25		3	5	7	35	41	65	83	81	74	60	27	22	4	3	1							511
29.25			2	10	11	20	28	27	17	21	8	4	1	1									150
28.25			2		2	5	5	6	5	1	3												29
27.25				2	1	4	1	2	1			1											12
26.25						1	1																2
TOTALS	1	3	20	68	179	434	740	1105	1496	1598	1398	1076	678	325	164	79	40	6	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.338)

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ-- X = 0.180* Y + 19.907 / S.E. = 1.13
FOR Y ... MEAN = 33.77 S.D. = 2.26 ... REQ EQ-- Y = 0.637* X + 17.213 / S.E. = 2.13



59. Calf

Measure on right leg at point of greatest calf circumference.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HAND LENGTH
AND
Y =PALM LENGTH

Y /X= =/	15 .50	15 .80	16 .10	16 .40	16 .70	17 .00	17 .30	17 .60	17 .90	18 .20	18 .50	18 .80	19 .10	19 .40	19 .70	20 .00	20 .30	20 .60	20 .90	21 .20	21 .50	21 .80	22 .10	22 .40	TOTALS
12.65																							1		1
12.45																		1	1						2
12.25																			1	1	6				8
12.05														1	3	1	4	4	9	3	4				29
11.85													2		1	9	9	7	14	6	3	2			53
11.65											1	1	2	11	11	27	26	20	14	2	3			1	119
11.45										2	2	7	13	21	34	71	53	23	14	3		1			244
11.25									2	2	1	4	34	57	83	125	61	13	11	1			1		395
11.05							2	4	4	5	26	53	137	191	156	144	56	12	3						793
10.85						3	4	3	13	22	74	151	252	215	134	72	23	2							968
10.65				1	2	2	4	3	23	91	191	298	281	217	74	34	5	2							1228
10.45					2	1	8	17	101	238	333	368	247	124	26	13	4								1482
10.25						4	17	67	217	364	349	227	113	40	14	5									1417
10.05					4	24	83	163	312	332	229	98	40	10	3	1									1299
9.85			1		12	27	95	139	160	87	44	17	4	1		1									588
9.65					16	49	93	92	106	38	11	5		1	1	1									413
9.45		1	3	3	20	46	62	50	29	7	4	1													226
9.25			3	8	13	22	22	7	8	6	1														90
9.05	1	2	2	6	9	11	1	4	4	2															42
8.85			4	3	3	1		1																	12
8.65			1	1																					2
8.45		1				1	1																		3
TOTALS	1	4	14	22	81	191	392	550	979	1196	1266	1230	1125	889	540	504	241	84	67	16	16	3	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.828)

FOR X ... MEAN = 18.68 S.D. = 0.86 ... REQ EQ-- X = 1.358* Y + 4.487 / S.E. = 0.48
FOR Y ... MEAN = 10.45 S.D. = 0.52 ... REQ EQ-- Y = 0.504* X + 1.037 / S.E. = 0.29



Palm Length

With right hand in same position as for No. 19, measure distance from wrist to base of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HAND LENGTH
AND
Y =HAND BREADTH

Y /X= =/	15 .50	15 .80	16 .10	16 .40	16 .70	17 .00	17 .30	17 .60	17 .90	18 .20	18 .50	18 .80	19 .10	19 .40	19 .70	20 .00	20 .30	20 .60	20 .90	21 .20	21 .50	21 .80	22 .10	22 .40	TOTALS
10.95																			1						1
10.75																									0
10.55																									0
10.35																	1	1							2
10.15																		2	1	1	1				5
9.95										2		2	4	4	6	4	5	1	5	3	2	1	1		40
9.75								1	1	3	3	6	8	8	16	17	18	7	3	1	4	1	1		98
9.55								1	1	11	18	22	32	36	29	42	23	14	15		4				248
9.35					1		3	6	11	16	40	63	79	100	83	82	59	22	20	4	2	1		1	593
9.15					1	2	5	12	25	67	88	142	168	163	109	105	68	22	10	5	1				993
8.95				4		9	21	55	127	221	291	279	274	239	151	141	35	11	7	2	1				1868
8.75				1	7	18	46	71	150	214	240	235	212	141	71	57	16	2	4						1485
8.55		1	1	1	5	27	63	108	249	296	279	251	182	128	49	48	11	1			1				1701
8.35			5	5	16	44	101	129	213	214	186	156	104	48	19	7	4		1						1252
8.15			2	1	22	34	81	99	121	96	81	52	45	15	6	1	1								657
7.95	1	1	4	5	14	41	49	50	64	43	26	13	16	3	1										331
7.75		2	1	4	10	10	18	16	15	12	9	7		4				1							109
7.55				1	3	5	5	1	2		2	1	1												21
7.35			1					1		1	3	1													7
7.15					1	1																			2
6.95					1																				1
TOTALS	1	4	14	22	81	191	392	550	979	1196	1266	1230	1125	889	540	504	241	84	67	16	16	3	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.569)

FOR X ... MEAN = 18.68 S.D. = 0.86 ... REQ EQ--- X = 1.172* Y + 8.445 / S.E. = 0.71
FOR Y ... MEAN = 8.73 S.D. = 0.42 ... REQ EQ--- Y = 0.276* X + 3.577 / S.E. = 0.34



Hand Breadth

With right hand in same position as for No. 19 and No. 20, measure maximum breadth across base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HAND LENGTH
AND
Y =WRIST CIRCUMFERENCE

Y /X= =/	15 .50	15 .80	16 .10	16 .40	16 .70	17 .00	17 .30	17 .60	17 .90	18 .20	18 .50	18 .80	19 .10	19 .40	19 .70	20 .00	20 .30	20 .60	20 .90	21 .20	21 .50	21 .80	22 .10	22 .40	TOTALS
20.40																1									1
20.10										1		1	1		3	2		2	1						11
19.80																									0
19.50									1		1	1	1	1	2	1	3	1	1		1				14
19.20												1	1	4	1	1	1	1	2						12
18.90						1		1	6	6	15	19	15	23	15	18	13	3	3	2	4		1		145
18.60						1	1	2	6	11	14	15	14	17	13	17	9	3	6	1		1			131
18.30							1	1	1	7	3	8	8	12	11	10	8	2	2	2	2		1		79
18.00		1			3	2	15	17	45	70	108	107	103	114	96	77	56	27	19	2	4	1		1	868
17.70						2	4	6	4	15	24	28	30	19	17	10	6	3	1	3					172
17.40				2	1	7	14	21	37	54	72	92	92	96	51	60	21	18	9	2	2	1			652
17.10				1	5	24	59	99	207	259	296	318	317	245	135	158	69	16	16	4	3				2231
16.80					2	4	7	21	39	50	59	48	59	28	27	24	8								376
16.50			2	3	6	17	49	60	122	176	176	190	151	122	63	51	19	3	4						1214
16.20				1	1	9	17	22	67	69	77	56	48	36	20	19	8	1							451
15.90		1	3	3	20	40	97	154	231	292	260	226	188	122	67	43	17	3	2						1769
15.60			4	4	15	26	39	55	86	91	70	62	53	26	8	6	2								547
15.30			2	2	3	14	16	29	41	37	28	21	19	8	2	1									223
15.00	1	1		1	13	30	51	44	69	42	50	32	18	13	8	4	1	1	1						380
14.70			1	2	4	2	4	5	5	6	5		3	1											38
14.40		1	2		4	12	8	9	5	5	5	2	3	2		1									59
14.10				3	4		9	4	5	4	3	3	1		1										37
13.80																									0
13.50							1		2	1															4
TOTALS	1	4	14	22	81	191	392	550	979	1196	1266	1230	1125	889	540	504	241	84	67	16	16	3	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.403)

FOR X ... MEAN = 18.68 S.D. = 0.86 ... REG EQ-- X = 0.374* Y + 12.446 / S.E. = 0.79
FOR Y ... MEAN = 16.67 S.D. = 0.93 ... REG EQ-- Y = 0.434* X + 8.562 / S.E. = 0.85

Wrist

Measure circumference of right wrist above protrusion of the wristbone.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HAND LENGTH
AND
Y =HAND CIRCUMFERENCE

Y /X= =/	15 .50	15 .80	16 .10	16 .40	16 .70	17 .00	17 .30	17 .60	17 .90	18 .20	18 .50	18 .80	19 .10	19 .40	19 .70	20 .00	20 .30	20 .60	20 .90	21 .20	21 .50	21 .80	22 .10	22 .40	TOTALS
25.95																			1						1
25.55																									0
25.15														1	2		1	1							5
24.75																									0
24.35												1	1		3	1	3	1	3						13
23.95										4	5	5	7	12	11	9	8	7	6	1	6	1			82
23.55								1	1	2	5	2	13	10	7	8	9	1	1	2			1		63
23.15							1	5	10	26	46	60	68	69	55	72	45	10	19	3	4		1		494
22.75								1	3	3	4	8	4.	13	6	8	4	1				1			56
22.35				1		2	7	11	14	55	54	67	73	80	61	61	29	12	9	4	1			1	542
21.9[illegible]				3	1	6	30	43	122	177	208	239	230	204	142	110	60	33	14	6	3	1			1632
21.55			2		3	8	23	41	87	98	124	141	143	104	64	57	27	7	6						935
21.15			1	4	10	49	86	131	271	346	349	346	284	214	111	122	32	6	6		1				2369
20.75				1	3	9	19	19	27	49	57	46	48	33	15	11	7								344
20.35			2	3	18	22	43	84	144	157	143	126	95	56	31	25	8	1	1		1				960
19.95		2	4	3	17	39	97	107	179	184	170	127	118	61	23	17	7	4							1159
19.55			1	1	9	18	37	57	58	51	48	24	21	13	3	2									343
19.15		1	4	2	10	22	34	30	42	27	40	29	19	13	6	1	1		1						282
18.75					1	4	6	2	7	4	7			2											33
18.35	1	1		2	5	8	4	12	10	8	2	6	1	2											62
17.95				1	3	3	5	4	3	5	4	3		2											33
17.55				1				1																	2
17.15					1	1		1	1																4
TOTALS	1	4	14	22	81	191	392	550	979	1196	1266	1230	1125	889	540	504	241	84	67	16	16	3	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.444)

FOR X ... MEAN = 18.68 S.D. = 0.86 ... REQ EQ-- X = 0.360* Y + 11.072 / S.E. = 0.77
FOR Y ... MEAN = 21.13 S.D. = 1.06 ... REQ EQ-- Y = 0.549* X + 10.879 / S.E. = 0.95



Hand

Measure circumference of right hand around base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X =PALM LENGTH
AND
Y =HAND BREADTH

Y /X= =/	8 .45	8 .65	8 .85	9 .05	9 .25	9 .45	9 .65	9 .85	10 .05	10 .25	10 .45	10 .65	10 .85	11 .05	11 .25	11 .45	11 .65	11 .85	12 .05	12 .25	12 .45	12 .65	TOTALS
10.95																	1						1
10.75																							0
10.55																							0
10.35														1			1						2
10.15														1			1	1	2				5
9.95								1	2		2	5	5	7	4	1	1	8	3			1	40
9.75							1	2	6	4	4	9	12	20	13	16	4	5		2			98
9.55							3	3	6	17	23	46	29	38	33	24	17	2	5	1	1		248
9.35						1	4	8	26	52	79	94	82	92	64	43	19	18	10	1			593
9.15					3	4	10	27	72	91	167	147	144	162	76	50	27	7	3	3			993
8.95		1		4	7	20	31	59	228	291	334	292	249	173	93	51	27	4	4				1868
8.75			2	2	11	30	63	81	209	243	244	223	171	118	49	26	10	2	1				1485
8.55	1		1	6	14	33	77	137	275	322	303	205	141	109	43	21	7	5		1			1701
8.35			6	9	17	61	89	106	253	237	188	133	75	52	16	5	4	1					1252
8.15			2	10	14	35	62	97	135	101	87	49	42	14	3	5			1				657
7.95		1		8	14	27	47	48	68	43	32	20	17	4		2							331
7.75	1			2	9	13	18	15	19	13	12	4		1	1						1		109
7.55			1	1	1	2	7	2		3	4												21
7.35							1	1			2	1	1	1									7
7.15	1										1												2
6.95								1															1
TOTALS	3	2	12	42	90	226	413	588	1299	1417	1482	1228	968	793	395	244	119	53	29	8	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.460)

FOR X ... MEAN = 10.45 S.D. = 0.52 ... REG EQ— X = 0.527* Y + 5.413 / S.E. = 0.47
FOR Y ... MEAN = 8.73 S.D. = 0.42 ... REG EQ— Y = 0.366* X + 4.907 / S.E. = 0.37

15
49
15
50
16
49
16
50
49
50
38
55
38
56
38
57
38
58
38
59
38
60
38



Hand Breadth

With right hand in same position as for No. 19 and 20, measure maximum breadth across base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X =PALM LENGTH
AND
Y =WRIST CIRCUMFERENCE

Y /X= =/	8 .45	8 .65	8 .85	9 .05	9 .25	9 .45	9 .65	9 .85	10 .05	10 .25	10 .45	10 .65	10 .85	11 .05	11 .25	11 .45	11 .65	11 .85	12 .05	12 .25	12 .45	12 .65	TOTALS
20.40														1									1
20.10									1			1	3	3	1	1			1				11
19.80																							0
19.50										1	2	2		2		2	5						14
19.20											2	1	3	2	1	1	1	1					12
18.90						1		2	9	9	16	25	17	27	9	15	4	7	3			1	145
18.60				1		1	1	5	4	12	15	25	15	22	12	6	7	1	4				131
18.30							2		4	10	4	15	10	13	8	5	3	3	1	1			79
18.00	1				1	6	12	26	69	100	124	148	114	101	65	48	32	10	7	3	1		868
17.70						1	2	8	10	24	36	18	32	18	10	6	2	3	1		1		172
17.40				2	5	8	16	25	53	90	91	102	90	74	45	31	8	9	1	2			652
17.10		1		4	9	34	51	109	297	328	375	314	240	227	118	69	34	11	8	2			2231
16.80			1		5	1	14	19	51	61	64	58	46	32	14	8	1		1				376
16.50			3	5	13	31	56	65	169	219	199	162	116	101	47	23	5						1214
16.20					2	8	25	31	74	72	82	50	48	35	14	5	5						451
15.90	2		3	8	16	55	98	146	322	286	290	203	162	98	41	21	11	5	2				1769
15.60		1	1	7	12	27	46	55	100	92	94	48	34	20	7	2	1						547
15.30			3		5	15	16	30	42	44	25	22	14	5	2								223
15.00				7	10	30	47	50	69	54	50	30	17	11	1	1		3					380
14.70				5	3	1	6	3	9	8	2		1										38
14.40			1	1	5	5	15	10	6	3	6	2	4	1									59
14.10				2	4	2	5	4	8	4	5	2	1										37
13.80																							0
13.50							1		2				1										4
TOTALS	3	2	12	42	90	226	413	588	1299	1417	1482	1228	968	793	395	244	119	53	29	8	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.361)

FOR X ... MEAN = 10.45 S.D. = 0.52 ... REG EQ-- X = 0.204* Y + 7.051 / S.E. = 0.49
FOR Y ... MEAN = 16.67 S.D. = 0.93 ... REG EQ-- Y = 0.637* X + 10.012 / S.E. = 0.86



Wrist

Measure circumference of right wrist above protrusion of the wristbone.

.....A BIVARIATE FREQUENCY TABLE FOR

X =PALM LENGTH
AND
Y =HAND CIRCUMFERENCE

Y /X=	8	8	8	9	9	9	9	9	10	10	10	10	10	11	11	11	11	11	12	12	12	12	
=/	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	TOTALS
25.95																	1						1
25.55																							0
25.15												1		2			1		1				5
24.75																							0
24.35									1			1	1	3	1	3	1	1	1				13
23.95									4	3	4	9	7	19	7	9	7	6	6	1			82
23.55				1			3		1	2	9	11	9	9	7	7	2	1	1			1	63
23.15					1	3	7	9	27	44	69	67	64	83	44	38	18	14	3	3			494
22.75						1		3	1	9	3	9	7	10	7	4	2						56
22.35		1			2	2	5	15	39	62	75	93	88	76	36	18	16	7	5	1	1		542
21.95				2	6	19	33	61	165	232	261	270	189	167	106	70	30	13	7	1			1632
21.55				2	5	15	33	51	110	137	176	126	110	82	44	23	17	3	1				935
21.15			1	10	19	46	97	150	376	398	386	328	232	184	78	40	16	2	4	1	1		2369
20.75			1	1	3	10	18	23	59	59	52	38	34	28	14	3	1						344
20.35			2	2	13	40	44	76	160	183	175	85	88	54	23	10	1	3		1			960
19.95	1	1	6	11	13	39	86	107	218	177	176	124	97	57	24	16	4	2					1159
19.55	2			4	6	23	28	54	70	54	39	31	20	8	2	1	1						343
19.15			1	5	15	14	37	26	47	37	39	29	17	9	2	2	1	1					282
18.75			1	1	2	5	2	4	6	6	4		2										33
18.35				3	3	7	12	4	9	9	7	4	2	2									62
17.95					2	1	6	5	6	3	6	2	1	1									33
17.55						1				1													2
17.15							2			1	1												4
TOTALS	3	2	12	42	90	226	413	588	1299	1417	1482	1228	968	793	395	244	119	53	29	8	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.367)

FOR X ... MEAN = 10.45 S.D. = 0.52 ... REQ EQ-- X = 0.181* Y + 6.626 / S.E. = 0.49
FOR Y ... MEAN = 21.13 S.D. = 1.06 ... REQ EQ-- Y = 0.745* X + 13.348 / S.E. = 0.99



Hand

Measure circumference of right hand around base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HAND BREADTH
AND
Y =WRIST CIRCUMFERENCE

Y /X=	6	7	7	7	7	7	8	8	8	8	8	9	9	9	9	9	10	10	10	10	10	
=/	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	TOTALS
20.40																1						1
20.10											1	2	3	2	1		2					11
19.80																						0
19.50											2	3	5	1	1	1		1				14
19.20										2		3	3	1	2	1						12
18.90									8	8	28	27	27	20	16	9	1				1	145
18.60						1	1	2	9	18	25	33	17	14	8	2	1					131
18.30								2	2	10	20	12	12	14	4	3						79
18.00					2	6	16	31	67	89	218	187	142	67	31	12						868
17.70							4	11	17	23	49	27	26	8	5	1	1					172
17.40						2	11	36	78	95	187	114	77	40	9	2		1				652
17.10				1	2	17	67	208	371	423	585	295	181	60	15	6						2231
16.80			1			7	17	43	84	76	76	40	20	10	1	1						376
16.50				1	4	14	62	186	255	259	255	125	44	7	2							1214
16.20				3	4	10	36	71	113	82	89	32	9	1		1						451
15.90		1		2	17	80	204	348	458	295	254	83	23	3	1							1769
15.60			1	2	20	62	86	131	118	70	49	5	3									547
15.30			2		9	29	43	57	52	13	17				1							223
15.00		1	1	3	29	67	79	104	59	20	11	5	1									380
14.70				2	5	10	12	3	4	2												38
14.40			2	4	5	20	7	13	5		2				1							59
14.10	1			3	12	5	10	5	1													37
13.80																						0
13.50						1	2	1														4
TOTALS	1	2	7	21	109	331	657	1252	1701	1485	1868	993	593	248	98	40	5	2	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.578)

FOR X ... MEAN = 8.73 S.D. = 0.42 ... REQ EQ-- X = 0.261* Y + 4.382 / S.E. = 0.34
FOR Y ... MEAN = 16.67 S.D. = 0.93 ... REQ EQ-- Y = 1.282* X + 5.474 / S.E. = 0.76



Wrist

Measure circumference of right wrist above protrusion of the wristbone.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HAND BREADTH
AND
Y =HAND CIRCUMFERENCE

Y /X= =/	6 .95	7 .15	7 .35	7 .55	7 .75	7 .95	8 .15	8 .35	8 .55	8 .75	8 .95	9 .15	9 .35	9 .55	9 .75	9 .95	10 .15	10 .35	10 .55	10 .75	10 .95	TOTALS
25.95																					1	1
25.55																						0
25.15												1		1		1	1	1				5
24.75																						0
24.35											1	1	2	1	5	2	1					13
23.95										1	3	7	12	21	22	13	2	1				82
23.55										2	3	9	11	26	8	4						63
23.15								2	6	20	60	104	165	99	30	7	1					494
22.75							1		1	3	8	15	14	8	4	2						56
22.35						1	1	4	12	33	156	167	120	39	7	2						542
21.95						5	15	35	116	257	605	373	174	37	10	5						1632
21.55						3	12	44	164	245	291	119	47	7	3							935
21.15					5	21	119	357	661	538	472	145	34	7	6	4						2369
20.75					1	4	20	57	82	93	64	18	3	1	i							344
20.35					4	22	99	255	283	160	104	22	9		2							960
19.95			1	4	21	108	215	323	284	110	79	11	2	1								1159
19.55		1	2	2	21	59	86	90	55	14	12	1										343
19.15		1	3	8	22	65	66	69	33	8	7											282
18.75				1	8	11	8	3	2													33
18.35				3	15	18	10	12	2		2											62
17.95	1			2	10	12	5	1		1	1											33
17.55					1	1																2
17.15			1	1	1	1																4
TOTALS	1	2	7	21	109	331	657	1252	1701	1485	1868	993	593	248	98	40	5	2	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.742)

FOR X ... MEAN = 8.73 S.D. = 0.42 ... REQ EQ-- X = 0.291* Y + 2.582 / S.E. = 0.28
FOR Y ... MEAN = 21.13 S.D. = 1.06 ... REQ EQ-- Y = 1.887* X + 4.656 / S.E. = 0.71



Hand

Measure circumference of right hand around base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WRIST CIRCUMFERENCE
AND
Y =HAND CIRCUMFERENCE

Y /X= =/	13 .50	13 .80	14 .10	14 .40	14 .70	15 .00	15 .30	15 .60	15 .90	16 .20	16 .50	16 .80	17 .10	17 .40	17 .70	18 .00	18 .30	18 .60	18 .90	19 .20	19 .50	19 .80	20 .10	20 .40	TOTALS
25.95																			1						1
25.55																									0
25.15																			1		3		1		5
24.75																									0
24.35														1		3	1	3	2		1		2		13
23.95									1	1			5	7	1	24	1	8	22	5	3		3	1	82
23.55									1	1	1	1	11	6	4	19	8	3	6				2		63
23.15									8	2	13	2	105	60	12	179	22	31	46	5	6		3		494
22.75									3	3	2	2	8	10	6	15	2	1	4						56
22.35							1	3	18	8	37	24	158	82	26	129	12	25	17	1	1				542
21.95						2	2	14	125	33	175	47	582	214	51	296	17	38	35	1					1632
21.55						4	1	21	126	45	153	57	311	93	29	74	7	8	6						935
21.15			1	1	2	38	20	101	523	124	413	125	735	130	31	104	6	12	3						2369
20.75				1	2	6	10	14	89	41	74	32	52	12	6	4	1								344
20.35				4	1	39	22	96	275	105	175	49	148	23	3	16	1	1	2						960
19.95	1		4	8	9	118	67	169	425	60	142	30	106	11	2	5	1	1							1159
19.55			6	8	4	58	52	66	95	19	23	6	4	2											343
19.15			8	21	7	72	27	50	74	8	6	1	6	1	1										282
18.75			3	4	2	9	9	4	1	1															33
18.35	1		7	7	6	21	9	7	4																62
17.95	2		5	3	5	13	2	2	1																33
17.55			1				1																		2
17.15			2	2																					4
TOTALS	4	0	37	59	38	380	223	547	1769	451	1214	376	2231	652	172	868	79	131	145	12	14	0	11	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.696)

FOR X ... MEAN = 16.67 S.D. = 0.93 ... REQ EQ-- X = 0.606* Y + 3.862 / S.E. = 0.66
FOR Y ... MEAN = 21.13 S.D. = 1.06 ... REQ EQ-- Y = 0.799* X + 7.815 / S.E. = 0.76



Hand

Measure circumference of right hand around base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X =CHEST CIRCUMFERENCE
AND
Y =SLEEVE LENGTH (SPINE TO WRIST)

Y /X= =/	74 .00	76 .50	79 .00	81 .50	84 .00	86 .50	89 .00	91 .50	94 .00	96 .50	99 .00	101 .50	104 .00	106 .50	109 .00	111 .50	114 .00	116 .50	119 .00	121 .50	124 .00	TOTALS
99.00									1													1
97.50											1											1
96.00											1	1			1							3
94.50							1			1					1							3
93.00							3		4	2	5	3	1	1	2	1				1		23
91.50				1	1		1	4	6	5	9	2	2	1	1	1						34
90.00				1	1	5	12	26	30	14	22	7	5	8	5	1						137
88.50			1	5	9	19	48	51	63	44	39	17	12	9	5	1	3					326
87.00				9	24	46	96	123	116	80	48	19	13	11	8	4		2				599
85.50			6	12	48	94	214	196	205	104	74	27	26	13	5	1	2			1	1	1029
84.00		1	2	26	87	152	306	261	230	110	65	34	26	20	9	3	1					1333
82.50		2	8	41	143	262	398	325	249	101	67	26	16	12	3	1	1					1655
81.00		1	12	42	124	225	295	229	151	57	33	10	6	4	3	2						1194
79.00	1	7	36	84	241	342	378	247	149	79	17	8	3	2	2							1596
78.00	1	4	15	77	138	189	176	82	51	24	10	4		1								772
76.50	1	6	23	44	72	87	88	39	24	14		1	1									400
75.00	1	6	9	20	42	31	31	23	8	3												174
73.50		3	8	13	24	18	16	9	1	2	2											96
72.00		2		6	4	6	3	1	1													23
70.50				1	6	4	2	1														14
69.00					1																	1
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.422)

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- X = 0.658* Y + 36.319 / S.E. = 4.94
FOR Y ... MEAN = 82.15 S.D. = 3.50 ... REQ EQ-- Y = 0.271* X + 57.656 / S.E. = 3.17



Sleeve Length

Subject's upper arms are raised and pointing horizontally, forearms crooked at a 90-degree angle, and hands making fists. Place the two fists against each other in front, knuckles touching. Measure from spinal crease, over the right elbow, to right wrist (middle of styloid process).

.....A BIVARIATE FREQUENCY TABLE FOR

X =CHEST CIRCUMFERENCE
AND
Y =WAIST CIRCUMFERENCE

Y /X= =/	74 .00	76 .50	79 .00	81 .50	84 .00	86 .50	89 .00	91 .50	94 .00	96 .50	99 .00	101 .50	104 .00	106 .50	109 .00	111 .50	114 .00	116 .50	119 .00	121 .50	124 .00	TOTALS
114.50																					1	1
112.00																						0
109.50															3			1				4
107.00														3	3	2	1					9
104.50													1	4	2	2	2	1		1		13
102.00											2	6	6	7	4	2	2			1		30
99.50									1		4	5	14	16	5	2						47
97.00									1	2	17	18	12	13	8	4	1					76
94.50								2		13	32	15	13	12	5	1						93
92.00							1		3	8	21	35	23	22	14	7	2	1				137
89.50								5	16	41	42	50	28	10	3	3						198
87.00					2	2	14	43	86	87	66	23	15	1	2							341
84.50				1	1	7	47	119	187	145	63	12	9	3	2							596
82.00				4	5	30	162	283	292	123	56	14	4	4	1							978
79.50				3	20	115	353	379	286	88	24	6	3									1277
77.00				14	96	268	531	400	208	76	35	7	1	2								1638
74.50		1	3	39	201	387	459	201	101	20	6	1	1									1420
72.00		2	13	99	286	380	318	120	51	16	3	1										1289
69.50	1	3	34	103	227	209	126	46	17	5												771
67.00	1	4	41	85	93	65	48	5	10	1												353
64.50	1	15	20	27	28	14	5			1												111
62.00	1	6	8	7	5	2																29
59.50		1	1		1																	3
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.781)

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REG EQ-- X = 0.635* Y + 41.137 / S.E. = 3.40
FOR Y ... MEAN = 77.53 S.D. = 6.71 ... REG EQ-- Y = 0.961* X - 9.312 / S.E. = 4.19



Wrist

Measure circumference of right wrist above protrusion of the wristbone.

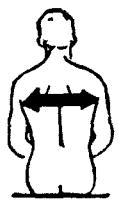
.....A BIVARIATE FREQUENCY TABLE FOR

X =CHEST CIRCUMFERENCE
AND
Y =INTERSCYE BREADTH

Y /X=	74	76	79	81	84	86	89	91	94	96	99	101	104	106	109	111	114	116	119	121	124	
=/	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	TOTALS
52.25										1												1
51.25															1							1
50.25							1		1	1				1		1						5
49.25				1		1	2	4	1	1	1	1			1							13
48.25					2	1	1	2	3	3	1	2			1	2				1	1	20
47.25						1	1	10	4	10	2	1	6	4	4	3						46
46.25						4	4	15	23	12	13	5	6	4	4	1	2			1		94
45.25					2	2	19	21	27	17	18	6	12	8	6	1	1					140
44.25				2	2	17	47	53	59	43	30	14	10	6	6	1	1					291
43.25			1		12	39	86	112	119	75	52	21	11	15	7	2	1					553
42.25				10	30	52	145	149	154	82	55	26	18	16	2	1		1				741
41.25				12	40	73	195	197	174	73	46	17	16	5	5	1	2	1				857
40.25			2	25	99	217	352	309	225	90	78	26	18	11	5							1457
39.25		3	10	37	113	242	327	210	150	81	47	24	7	6	1	1						1259
38.25		1	6	34	158	218	275	186	135	67	20	7	3	1	2							1113
37.25		2	11	67	144	193	216	140	98	39	11	4	2	5		1						933
36.25	2	3	26	53	135	166	150	90	51	21	11	4	2									714
35.25	1	6	27	50	85	123	111	48	29	14	4	1										499
34.25		8	12	40	79	64	70	36	23	8	3											343
33.25	1	4	13	19	38	31	38	18	9	2	1											174
32.25		1	6	18	15	23	18	11	2													94
31.25		3	3	12	10	8	7	4	1													48
30.25		1	3	1	1	5	3	1	1													16
29.25				1																		1
28.25								1														1
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.468)

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- X = 0.843* Y + 57.311 / S.E. = 4.82
FOR Y ... MEAN = 39.22 S.D. = 3.03 ... REQ EQ-- Y = 0.259* X + 15.811 / S.E. = 2.68



Interscye Breadth

Subject's arms are hanging down. Measure across back between armpit creases (scye points).

.....A BIVARIATE FREQUENCY TABLE FOR

X =CHEST CIRCUMFERENCE
AND
Y =BACK-WAIST LENGTH

Y /X= =/	74 .00	76 .50	79 .00	81 .50	84 .00	86 .50	89 .00	91 .50	94 .00	96 .50	99 .00	101 .50	104 .00	106 .50	109 .00	111 .50	114 .00	116 .50	119 .00	121 .50	124 .00	TOTALS
59.25							1															1
58.25																						0
57.25						1	2		1	1							1					6
56.25							2	1	1		3											7
55.25					1		1	3	2	2	4	1	1		3							18
54.25				1	1	3	6	5	5	5	9	2	1	3	2					1		44
53.25				2	4	5	18	15	23	10	12	3	5	6	1							104
52.25				3	1	18	45	33	45	29	24	14	9	6	2	3	2					234
51.25				5	15	36	65	63	64	38	31	15	12	6	6	1				1		358
50.25		2	5	13	47	84	170	146	157	88	58	34	16	16	8	1	1	1			1	848
49.25			7	21	75	122	196	156	151	79	57	19	13	15	9	3	1					924
48.25		3	9	36	116	207	318	254	230	106	59	25	19	13	7							1402
47.25	1		15	52	120	193	284	259	162	92	44	23	13	8	5	4	1					1276
46.25		3	16	54	154	267	342	259	173	65	41	12	9	4	1	2	1					1403
45.25	1	7	21	55	143	202	235	167	116	54	28	7	7	2	1	1						1047
44.25	1	6	17	54	121	140	181	113	80	34	14	2	4	3								770
43.25	1	5	9	42	67	89	104	75	35	12	5	1	1									446
42.25		3	10	19	59	56	53	41	27	15	1		1					1				286
41.25		2	7	12	25	26	24	16	10	7	3											132
40.25		1	2	7	6	19	9	7	5	2		1										59
39.25			1	1	3	4	6	1	1	1												18
38.25			1	3			2	1	1													8
37.25				2	7	4	2															15
36.25						1	2	2														5
35.25						3																3
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.315)

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REG EQ-- X = 0.632* Y + 60.614 / S.E. = 5.18
FOR Y ... MEAN = 47.08 S.D. = 2.72 ... REG EQ-- Y = 0.157* X + 32.895 / S.E. = 2.58



Back-Waist Length

Measure along spinal crease of back from base of neck to level of waist (top of hip bones).

.....A BIVARIATE FREQUENCY TABLE FOR

X =CHEST CIRCUMFERENCE
AND
Y =SLEEVE INSEAM

Y /X= =/	74 .00	76 .50	79 .00	81 .50	84 .00	86 .50	89 .00	91 .50	94 .00	96 .50	99 .00	101 .50	104 .00	106 .50	109 .00	111 .50	114 .00	116 .50	119 .00	121 .50	124 .00	TOTALS
58.75														1								1
57.75									1													1
56.75																						0
55.75						1		1														2
54.75						3	2		1		2	1										9
53.75							3	5	1	2	4	1		1				1				18
52.75				2		6	15	9	4	5	4	1		3	1							50
51.75			1	4	9	17	28	27	29	16	9	9	4	3	1							157
50.75				4	11	10	40	26	28	16	15	6	3	1	2	1	1			1		165
49.75			7	16	59	92	177	175	153	70	52	14	8	5	7	1	1	1				838
48.75		2	4	38	85	154	227	195	174	96	53	22	20	16	7	2						1095
47.75		3	12	24	132	203	320	276	219	106	71	33	20	19	6	4	1				1	1450
46.75	1	5	18	74	156	231	336	270	216	92	54	25	29	12	3	1	2					1525
45.75		6	22	78	180	294	370	259	198	96	57	21	14	9	9	3	2					1618
44.75	2	4	30	56	137	201	253	184	124	70	40	13	9	10	6	2				1		1142
43.75	1	6	15	40	94	153	159	93	91	43	21	7	2	2	2	1						730
42.75		2	6	30	53	70	79	62	30	17	5	4	1									359
41.75		3	1	9	26	29	37	18	12	7	4	2	1		1							150
40.75		1	1	3	8	8	13	9	6	2												51
39.75			3	3	8	4	9	7	2	2	1											39
38.75				1	6	4		1			1											13
37.75					1																	1
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.188)

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- X = 0.445* Y + 69.605 / S.E. = 5.36
FOR Y ... MEAN = 46.67 S.D. = 2.30 ... REQ EQ-- Y = 0.079* X + 39.526 / S.E. = 2.26



Sleeve Inseam

Subject's arms and fingers are straight and right arm is held away from the body at a 45-degree angle. Measure distance from front edge of right armpit to notch between thumb and wrist.

.....A BIVARIATE FREQUENCY TABLE FOR

X =CHEST CIRCUMFERENCE
AND
Y =NECK CIRCUMFERENCE

Y /X= =/	74 .00	76 .50	79 .00	81 .50	84 .00	86 .50	89 .00	91 .50	94 .00	96 .50	99 .00	101 .50	104 .00	106 .50	109 .00	111 .50	114 .00	116 .50	119 .00	121 .50	124 .00	TOTALS
45.25														1								1
44.25														2	2	2	1			2	1	10
43.25												3	2	3	2	1						11
42.25									1	4	1	4	13	5	17	1	3	2				51
41.25							1	3	4	9	26	15	17	18	8	5	3					109
40.25							6	15	33	47	75	31	30	29	8	3						277
39.25					2	11	23	52	115	127	95	58	32	17	6	2						540
38.25				2	12	47	124	221	259	187	94	28	13	6	2							995
37.25			1	11	57	163	345	435	400	147	67	19	3	1								1649
36.25			5	44	159	352	661	510	311	85	24	1	1									2153
35.25		2	16	90	267	487	580	281	142	26	7					1						1899
34.25		5	35	127	300	303	267	92	22	7	4											1162
33.25		8	43	76	136	101	56	7	1													428
32.25	4	8	14	25	31	14	3	1		1												101
31.25		7	6	6	1	2	2		1													25
30.25		2		1																		3
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.736)

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- X = 2.158* Y + 11.946 / S.E. = 3.70
FOR Y ... MEAN = 36.34 S.D. = 1.86 ... REQ EQ-- Y = 0.251* X + 13.658 / S.E. = 1.26



Neck

Measure circumference just below top of Adams's apple.

.....A BIVARIATE FREQUENCY TABLE FOR

X =CHEST CIRCUMFERENCE
AND
Y =HIP CIRCUMFERENCE

Y /X= =/	74 .00	76 .50	79 .00	81 .50	84 .00	86 .50	89 .00	91 .50	94 .00	96 .50	99 .00	101 .50	104 .00	106 .50	109 .00	111 .50	114 .00	116 .50	119 .00	121 .50	124 .00	TOTALS
124.25																					1	1
122.25																						0
120.25																						0
118.25																						0
116.25																						0
114.25																1				1		2
112.25															2	4	1	1				8
110.25											1			3	3		2			1		10
108.25											2	3	2	4	4		1					16
106.25											6	4	7	21	8	6	2	1				55
104.25									1	2	17	12	21	21	8	2	1					85
102.25								3	10	12	41	32	21	13	12							144
100.25							5	10	40	51	77	33	22	12	3	1						254
98.25						3	23	71	132	113	93	29	16	5	4	1						490
96.25				1	4	17	91	170	238	153	63	28	11	3	1							780
94.25				3	13	65	236	361	338	141	43	13	8									1221
92.25			3	14	67	203	498	432	279	88	30	3	1									1618
90.25		1	2	24	154	338	587	360	159	59	15	1	2									1702
88.25		2	10	70	249	422	394	145	57	15	5	1										1370
86.25		3	20	105	252	273	171	51	29	5												909
84.25		6	30	99	170	113	50	12	5													485
82.25	1	12	34	45	48	37	10	2	1	1												191
80.25	3	7	17	16	8	7	3															61
78.25			4	4		2																10
76.25		1		1																		2
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.783)

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- X = 0.892* Y + 8.637 / S.E. = 3.39
FOR Y ... MEAN = 91.63 S.D. = 4.79 ... REQ EQ-- Y = 0.688* X + 29.455 / S.E. = 2.98



Hip

Measure circumference around hips at level of greatest buttock protrusion.

.....A BIVARIATE FREQUENCY TABLE FOR

X =NECK CIRCUMFERENCE
AND
Y =SLEEVE LENGTH (SPINE TO WRIST)

Y /X=	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
99.00							1										1
97.50									1								1
96.00							1		1				1				3
94.50					1					1	1						3
93.00							6	1	3	4	5	1	1	1	1		23
91.50							5	11	4	5	5	4					34
90.00				2	6	11	20	25	22	20	17	10	2	2			137
88.50			2	2	13	47	63	70	52	36	21	15	2	1	1	1	326
87.00				4	42	86	129	126	98	47	37	21	8		1		599
85.50		1	2	17	71	175	255	212	123	86	55	18	10	1	3		1029
84.00			5	40	113	227	321	264	185	98	40	18	17	4	1		1333
82.50		3	4	50	214	322	399	331	177	100	37	9	7	1	1		1655
81.00		1	11	65	145	280	272	217	115	49	28	6	2	1	2		1194
79.50	1	8	22	110	237	388	388	232	119	66	18	6	1				1596
78.00		3	23	61	176	186	156	91	52	15	8	1					772
76.50		4	16	41	84	99	73	38	32	9	4						400
75.00		3	12	21	27	46	36	21	6	1	1						174
73.50	1		3	13	25	23	16	9	3	3							96
72.00	1	2		1	5	5	6	1	2								23
70.50			1	1	3	3	6										14
69.00						1											1
TOTALS	3	25	101	428	1162	1899	2153	1649	995	540	277	109	51	11	10	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.341)

FOR X ... MEAN = 36.34 S.D. = 1.86 ... REQ EQ-- X = 0.181* Y + 21.473 / S.E. = 1.75
FOR Y ... MEAN = 82.15 S.D. = 3.50 ... REQ EQ-- Y = 0.642* X + 58.815 / S.E. = 3.29



Sleeve Length

Subject's upper arms are raised and pointing horizontally, forearms crooked at a 90-degree angle, and hands making fists. Place the two fists against each other in front, knuckles touching. Measure from spinal crease, over the right elbow, to right wrist (middle of styloid process).

.....A BIVARIATE FREQUENCY TABLE FOR

X =SITTING HEIGHT
AND
Y =FUNCTIONAL ARM REACH-FORWARD

Y /X= =/	75 .00	76 .50	78 .00	79 .50	81 .00	82 .50	84 .00	85 .50	87 .00	88 .50	90 .00	91 .50	93 .00	94 .50	96 .00	97 .50	99 .00	100 .50	TOTALS
93.50										1		2			1				4
92.00										1		1			1				3
90.50								1				1	1						3
89.00							3	2	5	6	4	7	3	3	3	2		1	39
87.50						2	1	2	12	3	8	10	3	5		1			47
86.00						2	5	13	14	21	26	21	8	4	4		2		120
84.50				1		3	2	21	32	37	41	50	30	17	6	1			241
83.00				1	2	10	26	54	61	73	73	80	57	32	10	4	1		484
81.50			1	2	3	17	24	75	104	129	115	103	62	35	13	2	1		686
80.00				5	10	28	62	102	145	174	171	104	67	33	9	5		1	916
78.50			1	4	12	43	93	165	181	227	182	139	76	35	19	6	2		1185
77.00			4	9	19	67	123	196	244	246	216	142	68	29	8	2			1373
75.50	1		4	8	27	69	129	205	260	206	170	109	46	21	5				1260
74.00			1	7	23	62	131	218	229	208	169	87	35	10	2	2			1184
72.50		1	2	12	22	69	101	175	155	141	119	53	25	7	1				883
71.00			1	7	23	45	81	86	116	85	67	27	10	2	2				552
69.50		1		4	15	26	30	46	43	31	24	12	2		1				235
68.00				5	9	8	26	32	24	16	3	4	1						128
66.50		1		4	6	4	6	5	5	2	2	1	1						37
65.00		1		2		4	6	3	2	2									20
63.50						1	1	1	1	5									9
62.00					2			2				1							5
TOTALS	1	4	14	71	173	460	850	1404	1633	1614	1390	954	495	233	85	25	6	2	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.312)

FOR X ... MEAN = 87.87 S.D. = 3.26 ... REG EQ-- X = 0.246* Y + 68.978 / S.E. = 3.10
FOR Y ... MEAN = 76.79 S.D. = 4.14 ... REG EQ-- Y = 0.396* X + 41.996 / S.E. = 3.93



Arm Reach Forward

Subject's right arm and fingers are extended forward parallel to the floor. Measure distance from back of right shoulder (greatest bulge of trapezius) to tip of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

X =SITTING HEIGHT
AND
Y =SHOULDER BREADTH

Y /X= =/	75 .00	76 .50	78 .00	79 .50	81 .00	82 .50	84 .00	85 .50	87 .00	88 .50	90 .00	91 .50	93 .00	94 .50	96 .00	97 .50	99 .00	100 .50	TOTALS
54.25													1	1					2
53.25											1	1	1						3
52.25														1					1
51.25									2	2	2	3	3	2	1				15
50.25							2	1	2	3	1	7	5	4	1	1		2	29
49.25								2	6	10	16	20	8	4	2	1			69
48.25						1	1	9	9	22	18	14	14	3	4				95
47.25				1			2	11	17	36	41	44	19	11	7	3	2		194
46.25					1	2	12	29	42	55	63	59	42	26	5	1	1		338
45.25				1	1	7	22	51	77	118	96	103	60	38	11	4	1		590
44.25				1	4	26	48	97	169	206	221	162	69	51	22	5	1		1082
43.25				1	14	34	93	219	261	263	253	171	91	33	18	5			1456
42.25			2	5	12	60	163	249	317	320	288	148	73	27	4	3			1671
41.25			2	9	45	89	189	285	343	297	195	113	62	19	8	1			1657
40.25			3	16	35	113	132	227	214	162	125	67	31	8	1		1		1135
39.25		3	4	13	34	68	105	134	109	84	43	31	9	5	1	1			644
38.25	1	1	2	9	11	32	55	60	52	26	19	9	5						282
37.25			1	11	11	20	23	24	11	5	7	2	2						117
36.25				3	4	5	2	2	1	4									21
35.25					1	2	1	2	1	1									8
34.25				1		1		2											4
TOTALS	1	4	14	71	173	460	850	1404	1633	1614	1389	954	495	233	85	25	6	2	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.403)

FOR X ... MEAN = 87.87 S.D. = 3.26 ... REG EQ-- X = 0.561* Y + 64.065 / S.E. = 2.99
FOR Y ... MEAN = 42.43 S.D. = 2.35 ... REG EQ-- Y = 0.290* X + 16.949 / S.E. = 2.15



Shoulder Breadth

Subject's upper arms hang down at his sides and forearms are extended forward at right angles, elbows against the body. Measure the maximum distance across the upper arm muscles.

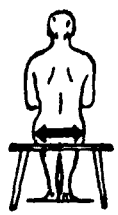
.....A BIVARIATE FREQUENCY TABLE FOR

X =SITTING HEIGHT
AND
Y =HIP BREADTH-SITTING

Y /X=	75	76	78	79	81	82	84	85	87	88	90	91	93	94	96	97	99	100	
=/	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	TOTALS
42.25													1						1
41.25												1	1						2
40.25							1				1	3	2	1	1				9
39.25									5	7	6	4	4	6	2	1		1	36
38.25						1		3	7	10	14	19	14	11	2	1			82
37.25					1		2	14	20	29	40	34	23	19	8	3	2		195
36.25				1		3	9	19	40	72	88	95	56	36	18	7	2		446
35.25					1	9	23	58	93	162	180	143	87	41	18	3		1	819
34.25				1	4	27	76	155	232	278	298	205	116	47	19	6	1		1465
33.25				2	19	69	166	304	392	421	334	229	102	43	11	4	1		2097
32.25		1	2	12	40	111	227	388	454	371	272	152	63	22	2				2117
31.25			2	17	46	132	192	294	267	193	113	53	21	6	4				1340
30.25		1	4	19	37	77	119	127	103	61	34	15	5	1					603
29.25		2	4	14	15	24	31	39	18	9	9	1							166
28.25			1	5	8	6	3	3		1									27
27.25	1		1		2	1	1		1										7
TOTALS	1	4	14	71	173	460	850	1404	1632	1614	1389	954	495	233	85	25	6	2	9412

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.473)

FOR X ... MEAN = 87.87 S.D. = 3.26 ... REQ EQ-- X = 0.841* Y + 60.020 / S.E. = 2.87
FOR Y ... MEAN = 33.11 S.D. = 1.84 ... REQ EQ-- Y = 0.266* X + 9.741 / S.E. = 1.62



Hip Breadth, Sitting

Measure maximum distance across the hips.

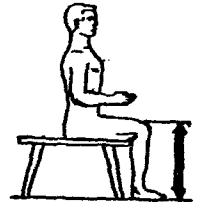
.....A BIVARIATE FREQUENCY TABLE FOR

X =SITTING HEIGHT
AND
Y =KNEE HEIGHT-SITTING

Y /X=	75	76	78	79	81	82	84	85	87	88	90	91	93	94	96	97	99	100	
=/	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	TOTALS
60.75																	1		1
59.75											1	1	1	1	1	1			6
58.75								1	1		1	2	1	2	2	1	1		12
57.75							1		2	4	7	9	9	8	4	4		1	49
56.75								1	9	10	15	37	17	17	13	4			123
55.75					1		2	9	21	50	53	66	43	40	15	1	2		303
54.75					2	3	16	28	54	89	110	92	70	28	17	4	2		515
53.75					2	12	24	89	129	178	220	176	107	50	17	4		1	1009
52.75				3	4	29	59	159	232	305	287	194	94	43	11	5			1425
51.75				2	11	45	153	250	349	329	273	190	86	26	2				1716
50.75				6	20	77	154	282	322	293	226	106	37	9	3	1			1536
49.75			2	14	36	101	180	310	288	196	116	61	19	7					1330
48.75			6	14	44	87	120	136	136	104	54	13	7	2					723
47.75			2	16	26	62	95	94	65	46	20	7	4						437
46.75		2	1	8	18	25	31	36	14	10	6								151
45.75	1		2	2	8	13	10	8	8		1								53
44.75		2	1	6	1	6	5	1	3										25
TOTALS	1	4	14	71	173	460	850	1404	1633	1614	1390	954	495	233	85	25	6	2	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.529)

FOR X ... MEAN = 87.87 S.D. = 3.26 ... REQ EQ-- X = 0.774* Y + 47.985 / S.E. = 2.77
FOR Y ... MEAN = 51.53 S.D. = 2.23 ... REQ EQ-- Y = 0.361* X + 19.809 / S.E. = 1.89



Knee Height

Measure vertical distance from footrest to top of right knee.

.....A BIVARIATE FREQUENCY TABLE FOR

X =SITTING HEIGHT
AND
Y =BUTTOCK-KNEE LENGTH

Y /X= =/	75 .00	76 .50	78 .00	79 .50	81 .00	82 .50	84 .00	85 .50	87 .00	88 .50	90 .00	91 .50	93 .00	94 .50	96 .00	97 .50	99 .00	100 .50	TOTALS
65.25											1						1		2
64.25								1						1	1				3
63.25									1	1		4	4	3		1			14
62.25							1	1	1	1	6	6	3	5	2	4		1	31
61.25						1		1	7	12	19	22	15	14	9	4			104
60.25					1		4	9	17	28	44	44	38	18	14	1			218
59.25					1	3	17	20	59	64	96	90	61	35	16	3	1		466
58.25					3	9	26	68	114	157	166	127	80	40	17	3	3	1	814
57.25					4	25	53	134	170	230	234	174	73	46	13	5	1		1162
56.25				4	8	38	104	194	269	288	248	183	93	27	4	1			1461
55.25				9	19	69	137	255	332	312	232	146	61	22	7	2			1603
54.25			4	11	31	92	169	281	264	263	185	92	41	17	2	1			1453
53.25			4	14	36	86	161	217	205	143	92	38	18	3					1017
52.25		1	3	8	26	64	99	149	127	76	42	27	5	2					629
51.25		2	1	14	33	33	47	47	42	28	14	1	3						265
50.25	1	1		4	9	25	23	19	21	8	8								119
49.25			2	5	2	13	7	8	2	3	2								44
48.25				2		1	1		1										5
47.25						1	1		1										3
TOTALS	1	4	14	71	173	460	850	1404	1633	1614	1389	954	495	233	85	25	6	2	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.468)

FOR X ... MEAN = 87.87 S.D. = 3.26 ... REG EQ-- X = 0.647* Y + 51.910 / S.E. = 2.88
FOR Y ... MEAN = 55.58 S.D. = 2.36 ... REG EQ-- Y = 0.338* X + 25.877 / S.E. = 2.08



Buttock-Knee Length

Measure distance from rear projection of right buttock to front of right kneecap.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WAIST CIRCUMFERENCE
AND
Y =WAIST (TOP OF HIP BONE) HEIGHT

Y /X= =/	59 .50	62 .00	64 .50	67 .00	69 .50	72 .00	74 .50	77 .00	79 .50	82 .00	84 .50	87 .00	89 .50	92 .00	94 .50	97 .00	99 .50	102 .00	104 .50	107 .00	109 .50	112 .00	114 .50	TOTALS
120.00								1																1
118.50																								0
117.00						1		1																2
115.50							1	3			1				1			1						7
114.00					1	1		1	1	1	2				1	1								9
112.50					3	1	3	9	6	4	7	4	2					1						40
111.00				3	2	4	8	21	7	13	3	3	3	3		2	1							73
109.50			1	5	4	16	15	21	18	18	12	7	3	4	3	4	3	1	1					136
108.00				5	17	28	34	36	33	38	21	10	2	9	6	6	2	3		2				252
106.50			2	14	39	40	49	92	73	59	31	22	11	8	7	5	3	3			1			459
105.00		1	8	9	43	78	119	123	87	79	49	36	15	15	12	11	9	2	1		1		1	695
103.50		3	8	30	67	107	139	155	153	95	57	40	33	21	5	7	6	3	2	1				932
102.00	1	2	12	43	76	159	175	179	136	132	92	58	34	13	7	13	8	5	4	2	1			1152
100.50	1	2	12	43	72	171	154	217	171	120	71	40	24	12	14	12	6	4	2	2				1150
99.00		6	12	49	122	191	201	221	171	115	73	50	30	18	12	7	4	3	2	2	1			1290
97.50	1	3	19	42	104	153	180	182	139	107	65	33	21	9	9	3	3	4						1077
96.00		2	11	35	86	134	144	156	119	83	51	15	10	12	8	2	1		1					870
94.50		4	11	37	53	80	72	101	84	62	26	13	4	10	3	2	1							563
93.00		3	7	13	47	74	83	70	48	31	17	6	2	1	5	1								408
91.50		1	6	12	17	29	25	31	15	14	14	3	2											169
90.00		1	2	7	10	13	11	14	8	5	3		1	2										77
88.50				4	6	4	5	1	5	2	1	1	1											30
87.00		1			1	4	2	2	2															12
85.50				1	1			1	1															4
84.00				1		1																		2
TOTALS	3	29	111	353	771	1289	1420	1638	1277	978	596	341	198	137	93	76	47	30	13	9	4	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.168)

FOR X ... MEAN = 77.53 S.D. = 6.71 ... REQ EQ-- X = 0.255* Y + 51.999 / S.E. = 6.62
FOR Y ... MEAN = 100.14 S.D. = 4.43 ... REQ EQ-- Y = 0.111* X + 91.536 / S.E. = 4.36

1	5	6
2	1	64
3	2	64
4	1	65
5	2	65
6	1	66
7	2	66
8	1	67
9	2	67
10	1	68
11	2	68
12	1	55
13	2	55
14	1	56
15	2	56
16	1	57
17	2	57
18	1	58



Waist Height

Subject stands erect. Measure vertical distance from floor to top of right hip bone.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WAIST CIRCUMFERENCE
AND
Y =HIP CIRCUMFERENCE

Y /X= =/	59 .50	62 .00	64 .50	67 .00	69 .50	72 .00	74 .50	77 .00	79 .50	82 .00	84 .50	87 .00	89 .50	92 .00	94 .50	97 .00	99 .50	102 .00	104 .50	107 .00	109 .50	112 .00	114 .50	TOTALS
124.25																							1	1
122.25																								0
120.25																								0
118.25																								0
116.25																								0
114.25																			1	1				2
112.25																1	1	1	1	3	1			8
110.25																	2	3	3	1	1			10
108.25															2	3	3	5		2	1			16
106.25												2	1	6	8	10	14	5	6	2	1			55
104.25											4	6	6	12	14	22	9	10	2					85
102.25								1	1	8	11	20	21	27	22	17	10	6						144
100.25							2	2	10	22	59	46	42	27	24	14	6							254
98.25					1		9	21	60	112	98	85	48	35	14	5	2							490
96.25					2	10	25	82	136	224	151	85	39	18	5	3								780
94.25				1	9	52	114	256	313	256	134	58	14	9	4	1								1221
92.25			1	7	46	149	279	441	357	206	84	26	20	2										1618
90.25			4	20	108	294	397	449	262	113	37	10	7	1										1702
88.25		2	16	60	189	354	348	258	103	27	11	2												1370
86.25		3	19	93	219	270	169	96	23	9	7	1												909
84.25		8	33	91	127	133	57	28	8															485
82.25		8	26	54	56	25	16	3	2	1														191
80.25	3	4	11	21	13	2	4	1	2															61
78.25		2	1	6	1																			10
76.25		2																						2
TOTALS	3	29	111	353	771	1289	1420	1638	1277	978	596	341	198	137	93	76	47	30	13	9	4	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.803)

FOR X ... MEAN = 77.53 S.D. = 6.71 ... REQ EQ-- X = 1.125* Y - 25.550 / S.E. = 4.00
FOR Y ... MEAN = 91.63 S.D. = 4.79 ... REQ EQ-- Y = 0.573* X + 47.203 / S.E. = 2.86



Hip

Measure circumference around hips at level of greatest buttock protrusion.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WAIST CIRCUMFERENCE
AND
Y =CROTCH HEIGHT

Y /X= =/	59 .50	62 .00	64 .50	67 .00	69 .50	72 .00	74 .50	77 .00	79 .50	82 .00	84 .50	87 .00	89 .50	92 .00	94 .50	97 .00	99 .50	102 .00	104 .50	107 .00	109 .50	112 .00	114 .50	TOTALS
95.00								1																1
93.50																								0
92.00					1	1																		2
90.50						1		2		1	1													5
89.00				3	1	2	3	7	2	4	5													27
87.50			1	3	6	8	6	15	6	6	4	3	1			1		1						61
86.00				3	9	11	21	28	19	12	6	6	2	1	3	1	4			2				128
84.50			4	5	18	38	41	48	30	33	13	5	4	1	3	4			1					248
83.00		2	6	24	38	67	71	83	54	50	30	12	4	8	3	5	2	1		1				461
81.50	1	2	8	19	63	85	111	123	117	85	37	25	14	8	4	5		1						708
80.00		1	14	36	72	138	160	164	124	89	49	37	26	14	6	6	2	4			1			943
78.50	1	1	14	37	96	160	197	242	150	121	70	45	21	24	11	9	3	3		1				1206
77.00		9	16	62	95	213	186	194	179	128	98	37	22	10	7	7	13	2	1		1			1280
75.50		4	10	52	138	182	218	219	197	143	73	55	31	18	12	12	2	3	3		1		1	1374
74.00		1	16	41	94	127	151	190	135	112	78	48	25	18	15	11	9	6	4					1081
72.50	1	3	13	34	68	119	103	144	118	68	58	34	28	15	12	7	8	3	3	1				840
71.00		1	4	19	30	71	67	80	61	67	36	16	7	6	8	5	3	4		3	1			489
69.50		4	1	6	22	37	40	55	39	28	22	10	8	7	3	2	1	1	1	1				288
68.00			3	6	16	14	31	28	30	21	10	7	2	4	4			1						177
66.50		1	1	2	1	6	6	13	11	10	6	1	1	2		1								62
65.00				1	3	4	6		2						2									18
63.50						4	2		2				1	1										10
62.00								2	1				1											4
60.50																								0
59.00						1																		1
TOTALS	3	29	111	353	771	1289	1420	1638	1277	978	596	341	198	137	93	76	47	30	13	9	4	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = -0.032)

FOR X ... MEAN = 77.53 S.D. = 6.71 ... REG EQ-- X = -0.051* Y + 81.450 / S.E. = 6.71
FOR Y ... MEAN = 76.76 S.D. = 4.21 ... REG EQ-- Y = -0.020* X + 78.314 / S.E. = 4.21



Crotch Height

Subject stands erect. Measure vertical distance from floor to crotch.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Crotch Height.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WAIST (TOP OF HIP BONE) HEIGHT
AND
Y =CROTCH HEIGHT

Y /X= =/	84 .00	85 .50	87 .00	88 .50	90 .00	91 .50	93 .00	94 .50	96 .00	97 .50	99 .00	100 .50	102 .00	103 .50	105 .00	106 .50	108 .00	109 .50	111 .00	112 .50	114 .00	115 .50	117 .00	118 .50	120 .00	TOTALS
95.00																									1	1
93.50																										0
92.00																					2					2
90.50																			1	2			2			5
89.00													1			1	2	5	6	6	3	3				27
87.50												1	2	2	2	2	9	12	21	8		2				61
86.00										2	2	2	3	3	10	23	23	31	12	14	2	1				128
84.50										1	1	4	9	19	36	70	57	30	15	6						248
83.00								1		2	7	14	40	70	120	113	63	21	8		1	1				461
81.50								1			12	54	112	173	185	107	44	13	4	3						708
80.00							1	2	8	21	55	138	235	221	148	74	30	7	2	1						943
78.50						3	3	9	20	64	171	274	290	205	105	33	17	8	3		1					1206
77.00						2	8	14	64	201	334	260	219	103	44	21	3	6	1							1280
75.50					1	5	22	67	202	283	339	208	130	77	28	10	1	1								1374
74.00					5	14	54	137	206	234	186	120	72	35	12	2	2	2								1081
72.50				2	7	27	100	141	177	165	121	48	26	13	9	3	1									840
71.00			1	1	13	34	78	98	121	67	37	20	9	10												489
69.50		1	1	1	15	43	73	53	46	27	19	4	4	1												288
68.00	1	1	5	15	17	24	41	32	24	10	5	2														177
66.50		1	3	4	11	13	21	6	1		1	1														62
65.00			2	4	3	4	4	1																		18
63.50				1	4		3	1	1																	10
62.00		1		2	1																					4
60.50																										0
59.00	1																									1
TOTALS	2	4	12	30	77	169	408	563	870	1077	1290	1150	1152	932	699	459	252	136	73	40	9	7	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.803)

FOR X ... MEAN = 100.14 S.D. = 4.43 ... REQ EQ-- X = 0.843* Y + 35.431 / S.E. = 2.64
FOR Y ... MEAN = 76.76 S.D. = 4.21 ... REQ EQ-- Y = 0.765* X + 0.155 / S.E. = 2.51



Crotch Height

Subject stands erect. Measure vertical distance from floor to crotch.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Crotch Height.