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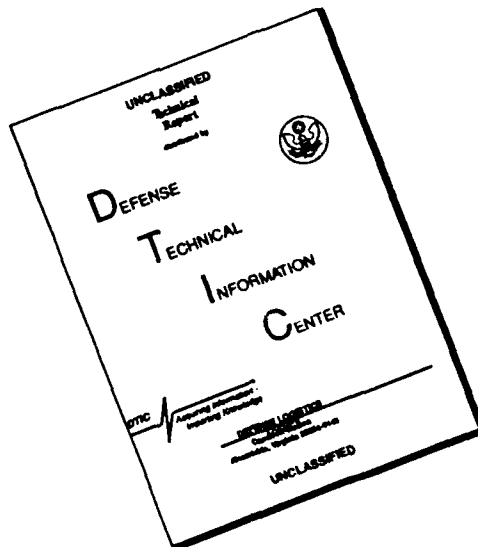
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This study was conducted to determine how much time is spent by medical officers in non-patient care, patient care, and non-available activities. Army officers involved in patient care activities were surveyed to measure the amount of time spent in patient care, non-patient care, and non-available activities. Results showed a general trend toward increased non-patient care with an increase in rank. The most significant decrease in patient care with rank increase occurred for the Army Nurse Corps officers. No relation was found between rank and non-available activities. <i>Keywords:</i> *Original contains color plates: All DTIC reproductions will be in black and white*			
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A STUDY TO DETERMINE MILITARY OFFICER MANPOWER
AT WRAMC
THAT IS DIVERTED FROM PATIENT CARE

BY

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A Graduate Research Project
Submitted to the Faculty of
Baylor University
in Partial Fulfillment of the Requirements
for the Degree of
Master of Health Administration

15 January 1986

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TABLE OF CONTENTS

Chapter

I. INTRODUCTION.	1
II. RESEARCH QUESTION	3
III. OBJECTIVES, ASSUMPTIONS, LIMITATIONS, AND CRITERIA.	3
IV. RESEARCH METHODOLOGY	7
V. DISCUSSION.	15
VI. SUMMARY.	41
VII. RECOMMENDATIONS.	45
FOOTNOTES.	46
WORKING BIBLIOGRAPHY	47
APPENDICES	
A. DEFINITIONS.	.A-1
B. THEORETICAL TOTAL TIME	.B-1
C. OFFICER HEALTH CARE PROVIDER SPECIALTIES.	.C-1
D. WRAMC PROVIDER TIME SURVEY	.D-1
E. UNIFORM STAFFING METHODOLOGY AND CLINICAL SURVEYS	.E-1
F. SURVEY INSTRUCTIONS.	.F-1
G. GLOSSARY OF ABBREVIATIONS	.G-1
H. GLOSSARY OF CODES	.H-1
I. PILOT STUDY FINDINGS.	.I-1

J	- Provider Time - Hospital.	.J
K	- Provider Time by Corps.	.K
L	- Provider Time by Corps/Rank.	.L
M	- Provider Time by Rank.	.M
N	- Provider Time by Department/Separate Service.	.N
O	- Provider Time by Department/Rank.	.O
P	- Provider Time by Department/Service.	.P
Q	- Provider Time by Department/Service/Rank.	.Q
R	- Provider Time by Department/Service/Specialty.	.R
S	- Provider Time by Specialty.	.S
T	- Provider Time by Specialty/Rank.	.T
U	- Provider Categories - Total.	.U
V	- Provider Categories - Rank.	.V
W	- Provider Categories - Department/Separate Service.	.W
X	- Provider Categories - Corps.	.X
AA	- Correlation - Total (Rank/Provider Time).	.AA
BB	- Correlation - Corps (Rank/Provider Time).	.BB
CC	- Correlation - Department/Separate Service (Rank/Provider Time).	.CC
DD	- ANOVA Testing - Branch (Patient Care Time).	.DD
EE	- ANOVA Testing - Branch (Non-patient Care Time).	.EE
FF	- ANOVA Testing - Branch (Non-available Time).	.FF
GG	- ANOVA Testing - Branch (Total Time).	.GG
HH	- ANOVA Testing - Grade (Patient Care Time).	.HH
II	- ANOVA Testing - Grade (Non-Patient Care Time).	.II

JJ - ANOVA Testing - Grade (Non-Available Time). JJ
 KK - ANOVA Testing - Grade (Total Time). KK
 LL - ANOVA Testing - Department/Separate Service (Patient Care Time). .LL
 MM - ANOVA Testing - Department/Separate Service
 (Non-patient Care Time). MM
 NN - ANOVA Testing - Department/Separate Service
 (Non-available Time). NN
 OO - ANOVA Testing - Department/Separate Service (Total Time). OO
 PP - Provider Time Analysis. PP

I. INTRODUCTION

The current method of measuring the amount of work performed by patient care providers within the military health care system is limited to activities that are directly related to patient care.¹ The measurement used by U.S. Army health care facilities is the Medical Care Composite Unit (MCCU). It consists of units and multiples of measurements, including beds occupied, admissions, live births and clinic visits.²

A problem arises, however, when an organization attempts to identify and measure the amount of time health care providers spend performing different categories of work. This is because provider data are not presently collected in a manner which includes all the duties required of military medical personnel.

The present method of determining the amount of time that a military health care provider spends in the performance of his or her duties is the Uniform Staffing Methodology (USM).³ The USM is a military medical unique methodology of determining the amount of available time (AT) and non-available time (NAT). This is in relation to the normal duty hours prescribed for an individual while assigned to a military unit.⁴ In addition, the AT is comprised of patient care time (PCT) and non-patient care time (NPCT). See Appendix A for definitions.

The USM, however, does not separate and identify the specific activities performed by military health care providers that fall in the categories of NAT, PCT and NPCT. Examples of activities not individually measured are organizational duties, consulting, military mandatory training, research and medical teaching (see Appendix B).

The Commander of Walter Reed Army Medical Center (WRAMC), Washington, D.C., is concerned with being able to identify the amount of time that military officer health care providers perform in the categories of NPCT, PCT and NAT. Because conclusions regarding this distribution of time allocation have significant implications as to the appropriateness of individual mission activities and the adequacy of staffing to support them, additional insights are required. The purpose of this study, therefore, is to identify and compare by category (see Objectives) how much time is spent by military officer health care providers in non-patient care, patient care and non-available activities. See Appendix C for a listing of provider specialties.

This study may enable not only WRAMC but also other AMEDD facilities to better understand and document the demands placed upon their personnel by the categories of NAT, NPCT and PCT. As a by-product of this study, the data should be useful as a management tool in documenting, and possibly weighing and prioritizing the NAT and NPCT, in relation to other facility missions.

The author and Health Care Studies and Clinical Investigations (HCS & CI) at Fort Sam Houston, Texas agreed to conduct collateral studies of NAT, NPCT AND PCT duties. Data collected from this study will be incorporated with a medical performance management study by HCS & CI at Brooke Army Medical Center (BAMC), Fort Sam Houston, Texas. The studies may have a significant impact on future determinations of appropriate output measures. If MCCU are succeeded by diagnostic related groups (DRG) with weighted "pass throughs" (i.e., training, research, consulting, etc.), these studies may enable Health

Services Command to develop weights to be used to allocate future resources along the DRG concept.

It is recognized that substantial disagreement exists concerning many of the definitions of these terms which are part of this study. Operational definitions of these terms are provided at Appendix A. The definitions selected are compatible with the definitions of the Uniform Chart of Account Personnel (UCAPERS) and the Performance Management Studies of the U.S. Army Health Care Studies and Clinical Investigation Activity (HSC & CIA), Fort Sam Houston, Texas.

II. RESEARCH QUESTION

How much time is spent by military officer health care providers in non-patient care, patient care and non-available activities ? What is the mix and what are relative differences among various departments/services, branches and grades?

III. OBJECTIVES, ASSUMPTIONS, LIMITATIONS AND CRITERIA

Objectives

Objectives of the study are to:

- a. Conduct a literature search and review.
- b. Identify and classify health care provider activities according to NAT and AT (PCT/NPCT).

c. Determine the most appropriate survey methodology to collect the categories of NAT, PC and NPC activities.

d. Educate officer health care providers and key personnel of the purpose of the study and train them on the procedures necessary to prepare the survey forms.

e. Conduct a study to determine the amount of time spent in each health care provider category. Assure the forms are properly completed, verified by the key person and returned to the researcher.

f. Establish an automated program to identify the amount of officer health care provider time spent in NA, PC and NPC activities by:

1) Department/Service (i.e., Department of Surgery and Social Work Service)

2) Corps:

(a) Medical Corps (MC)

(b) Army Nurse Corps (ANC)

(c) Army Medical Specialist Corps (AMSC)

(d) Medical Service Corps (MSC)

3) Grade (O8 to O1)

g. Make comparisons among departments/separate services, branches and grades regarding the average amount of time and percentage of time spent in each of the previously stated categories.

Assumptions

The study is based on the assumptions that:

- a. Information collected from military officer health care providers accurately identifies the amount of time of NAT and AF (PCT & NPCT) activities by previously stated categories.
- b. Manpower distribution and workload will be relatively stable during the study.
- c. The population represented by the data collection process is assumed to be normally distributed.
- d. The month of data collection (April) is considered a representative month of the year.

Limitations

1. The evaluation of NAT and NPCT activities only include Army Medical Department (AMEDD) officer personnel assigned to WRAMC.
2. Data are limited by:
 - a. Collecting and evaluating for the one-month period of April 1985.
 - b. Using a prospective survey. (See Appendix D).
 - c. Annotating the survey forms in one quarter ($\frac{1}{4}$) hour increments.

Criteria

Criteria for the study are:

- a. Estimates of health care provider time categories with a 95 percent confidence and a 0.05 level of significance.
- b. An analysis (using ANOVA or similar test) of the difference among

mean times for the major groups of participants. Categories include NAT, NPCT and PCT by department/service, grade and branch.

c. Completion of at least 60 percent of the provider survey forms. A completion of 80 percent is desired.

IV. RESEARCH METHODOLOGY

The Graduate Research Project was accomplished in seven specific steps.

These were:

- a. A literature search and review.
- b. Identification and classification of health care provider activities.
- c. Determination of the most appropriate survey methodology and survey form.
- d. Education and training of key personnel and health care providers.
- e. The survey process.
- f. Establishment of automated programs and reports.
- g. Comparisons among categories of health care providers.

The first step involved a search and review of military and civilian literature that examined the various activities of health care providers. Despite widespread recognition of the need to identify, quantify and eventually obtain credit for these processes, little has been done in the military or civilian arena.

No study has been done in the military which breaks the activities down to the level of this study. Studies by Alexander and Mangelsdorff (1980), and Misener and Frelin (1983) looked at the work activities of inpatient health care providers. The studies identified the amount (percentage) of the provider care time that was not involved with patient care (non-patient related

duties). The studies were conducted at several military facilities and included military (officer and enlisted) and civilian personnel.

No similar information about civilian health care activities by category was found by the researcher until a recent article in the New England Journal of Medicine (April 18, 1985), entitled "The Relation of Faculty Academic Activity to Financing Sources in a Department of Medicine", by David Chin, et al.⁵ While this study examined the different categories of health care provider activities and was conducted at a large medical teaching facility, only their medical department was studied. The WRAMC study looked at all categories of health care provider activities and all departments/services.

The second step consisted of identifying and classifying health care provider activities according to categories of PCT, NPCT and NAT. Much discussion revolved around determining what definitions of the categories of provider activities were the most suitable for the project. The management at Walter Reed decided to use those established by David F. Alexander and A. David Mangelsdorff in the manuscript, Nonproductive Factor Allowance (Pilot Study). See Appendix A.

The third stage consisted of determining the most appropriate method of study to collect the categories of NAT, PCT and NPCT activities. The method of study selected was self-reporting of provider activities. In other words, the survey forms were completed by the health care providers. Survey forms were used because there were not enough resources to observe over 800 health care providers, and the group studied was already trained in completing similar survey forms.

A pilot study was conducted during this stage to test two different provider time survey forms and determine which form would be used in the study. Both of these forms were adaptations of the HSC approved clinical survey form and Uniform Staffing Methodology (USM) form presently used by US Army medical hospitals. The first form was used as a basis for a retrospective study tracking along the line of the clinician survey. The latter form was used as a basis for a prospective study that significantly expanded the USM survey form (see Appendix I).

Seventeen elements falling under the three main categories were used to classify the self-reported activities. These elements are described in Appendix B.

To determine the efficiency of the two surveys the pilot study was performed and completed among sixteen health care providers at WRAMC. Each person prepared both survey forms. It should be noted that the retrospective study was completed prior to the prospective study. This was in an attempt to preclude the provider from using the prospective study as a tool for transcribing data onto the retrospective study.

Discussions were held among members of the pilot study. Conclusions gleaned were that the retrospective study appeared more advantageous in that it seemed more user friendly (simpler), may be more acceptable to the individual preparing the form (takes less time to complete) and may be tracked more efficiently by the researcher (ease of follow-up). Also, the retrospective study looked back in time and thus did not have to be prepared at a prescribed time or period. Researchers agree, however, that the

effectiveness of a retrospective study is reduced because of the recall bias of historical data.⁶

Pilot study participants generally felt the prospective model had advantages in that it started at a specific point and was annotated each day for an established period of time (30 days). Little problem arose over user acceptability and loss of preparers who fell out during the survey (i.e., only filled out a portion during the month, lost the form or just quit).

The pilot study also showed that while there was significant variance among the different elements (subcategories) of PCT, NPCT and NAT, the major categories were fairly close in both studies (See Appendix I). The pilot study revealed through the use of the correlation coefficient and t-test that the retrospective study and prospective study were of sufficient magnitude to indicate that the variables of interest appear correlated.⁷

Although the pilot study revealed a retrospective study may be sufficient to use in the GRP study (see Appendix I), the Command at Walter Reed felt a prospective study would be more efficacious if provided with sufficient Command emphasis and the military health care providers educated as to the purpose and scope of the study. Fortunately, this proved to be the case.

The pilot study also enabled the researcher to identify the need for minor modifications to the survey form. This process was designed to facilitate reliability/accuracy of the reporting form, consistent with the definitions established and to enhance user acceptability. After the study, the Deputy Commander and Chief of Staff reviewed and approved the final form.

Step four consisted of the education and training of the key personnel and health care providers. User acceptability and familiarity with the form were of primary concern to the Command and researcher. To possibly enhance the probability of compliance in the completion of the survey forms, the Commanding General and the Chief of Staff sent separate letters to each department/separate service chief and administrator to describe the purpose of the study.

This stage also included coordination by the researcher with the department/service chiefs and administrators prior to submission of the survey sheets. Also, key personnel were informed of their roles in the study which were to brief their personnel, make weekly reviews and verify the survey sheets (see Appendix F). Additionally, classes were presented to health care providers on the scope of the study and procedures necessary to prepare the survey forms.

This, as well as the first stage, were probably the most important stages. If the survey was developed poorly or if the data gatherers did not cooperate in correctly completing the survey forms, the results of the survey might possibly not reflect an accurate estimate of workload.

The fifth stage was the survey process. The survey was limited to a one month (30 day) time period. A shorter period could possibly have increased the probability of obtaining non-representative data. A longer period could have desensitized the WRAMC personnel as to the importance of accurate recording of data, which could introduce a greater chance of approximations and generalizations of expended time.

The survey forms were prepared by the health care providers during the month of April, 1985. The collection and verification of the data provided by the military health care providers were performed during this stage. This stage was accomplished by the key personnel and researcher.

The sixth step was comprised of establishing automated programs to identify the amount of officer health care provider time spent in NAT, PCT and NPCT activities. The formats for the provider information were determined by the researcher. The Walter Reed programmer prepared automated reports to display the required information. The data were grouped into five sections for analysis. These were:

- Provider Time (Appendix J through T)
- Provider Categories (Appendix U through X)
- Correlation (Appendix AA through CC)
- ANOVA Testing (Appendix DD through OO)
- Provider Time Analysis (Appendix PP)

The automated programs were developed by the Walter Reed programmer through the use of the Walter Reed Army Institute of Research's (WRAIR) mainframe computer and Statistical Analysis System (SAS) package. The charts and graphs were prepared by the researcher using WRAIR's Energraphics packet.

To optimize programming time, specific codes were used, some of which existed prior to the study (i.e., job series - Appendix C) and others were

developed. Those developed are included in a Glossary of Abbreviations (Appendix B) and a Glossary of Codes (Appendix H). This coding not only assisted in lowering input time and memory space, but allowed ready identification of the myriad of terms and categories of information.

The seventh and final step consisted of making comparisons among departments/separate services, corps and grades. This involved a comparison of the average amount of time and percentage of time which was identified in each of the previously stated categories (NAT, PCT and NPCT). Differences by grade levels (01-08), departments/services and corps (MC/MS/ANC/MS) were evaluated.

The Provider Time Section examined the mean time and percentage of time that health care providers performed in the categories of PCT, NPCT and NAT. This was expanded to cover the subcategories, such as consulting, research and authorized absences in the Provider Categories Section.

The section on correlation examined the correlation between rank and provider time. Areas evaluated were the total hospital, corps and the department/separate service.

ANOVA testing was included as a section to examine the difference among mean times for PCT, NPCT, NAT and total time (TT). Participants were grouped by branch, grade and department/separate services.

The final section evaluated was provider time analysis. This section made comparisons among Stanford University Medical Center (SUMC) and several categories of health care providers at Walter Reed. These categories were WRAMC as a whole, the Medical Corps, the Department of Medicine and the

colonels assigned to Walter Reed. The study looked at comparing the percentage of time each of these categories of providers performed in PCT, NPCT and NAT activities.

V. DISCUSSION

The consensus within WRAMC management was that a 60 percent completion rate would be satisfactory and 80 percent extremely successful. Fortunately, 725 of 819 health care providers submitted their survey forms for a very impressive completion rate of 89 percent. The success in this area depended on support and involvement by the command of WRAMC, a pilot study, briefings to all department chiefs/administrators, and classes to key personnel and participants on the scope and purpose of the survey. The following is a discussion of the findings of this study.

Provider Time

To evaluate dispersion, variability and the "goodness" of the mean value, the following measures of dispersion were included in all provider time and provider category listings:

Standard Deviation

Variance

Minimum - Maximum Values (Range)

Coefficient of Variation

To evaluate the distribution of the sample population mean, the Standard Error of the Mean (SEM) was also included. The standard error of the mean, or standard error, is the square root of the variance of the sampling distribution.⁹ That is:

$$SEM = \frac{\sigma}{\sqrt{n}}$$

The Misener and Frelin (1983) study revealed that the mean percent of non-available time (NAT) for inpatient nursing personnel was 15 percent with a range of 13.0 to 16.7 percent. The upper range consisted primarily of coronary care, medical and surgical intensive care units.⁸

The study at Walter Reed revealed a mean average NAT of 36.26 hours per month or 16 percent of the total provider care time (TT). The average amount of patient care time (PCT) was 131.43 hours (57.04 percent) and non-patient care time (NPCT) was found to average 62.75 hours (27.23% of the TT). The mean for the total hours of health provider time was 230.43 hours (see Appendix K).

Due to the difference in definitions of other categories (i.e., direct/indirect care) a comparison of only non-available time (NAT) was made. The 15 percent NAT from the previously noted studies and 16 percent NAT from the WRAMC study appeared to correlate with each other.

Provider Time by Corps (Appendix K)

The study of provider time by corps revealed there was a range in the mean total time (TT) of 186.34 hours for the Medical Service Corps (MSC) to 252.94 hours per month for the Medical Corps (MC). This was a difference of 66.6 hours per month or about 38 percent of a work month. The chart in Appendix K revealed the average TT for health care providers in all but MC fell below the average TT.

The Army Medical Specialist Corps (AMSC) showed the highest percent (34.36) of NPCT. The MSC showed the highest volume of NAT (23.65) (see the pie charts in Appendix K).

The PCT and TT means for the MC were considerably larger than the other corps. Concern arose, however, over the dispersion of the values for the MC. The PCT and TT means for the MC had standard deviations of 97.75 and 67.34, respectively. This was a dispersion in excess of 30 hours beyond the standard deviations of the other corps. Also noted in Appendix K, the coefficient of variation (C.V.) was 131.69 for the Army Nurse Corps (ANC) - NPCT and 115.22 for MC - NAT. This means the standard deviation (S.D.) was larger by more than 100 percent of the observed means for each category.

Patient Care Time by Corps; Corps and Rank (Appendix L and M)

Each corps was also examined and compared using the variable of rank. This report revealed one of the more enlightening findings of the study. It showed there was an inverse (negative) relationship between patient care time (PCT) and rank and a positive relationship for non-patient care time (NPCT) and rank.

Interestingly, there was little evidence of a relationship between non-available time (NAT) and rank. The total time (TT) appeared to jump from over 50 hours for the lieutenant (O1-2) to captain (O-3) rank but leveled off to about 250 hours a month for captains and about 220 hours for majors through colonels (O4-O6). The largest TT for Walter Reed was posted by the Commanding General (O-8) when compared against the four corps averages. See Appendix M.

The relationships between provider time and rank also carried over to each of the Army Medical Department (AMEDD) Corps. This, however, was at varying degrees (see the line graph bar graph in Appendix L). The PCT dropped the least for Army Medical Specialist Corps (AMSC) and Medical Service Corps (MSC) which was from 54.15 to 37.90 percent and 51.44 to 31.97 percent, respectively. The PCT for Army Nurse Corps (ANC) dropped from about 72 percent ($n = 78$) for lieutenant nurses (01-02) to 3.74 percent for ANC colonels (0-6) (See Appendix L).

The TT remained about the same for AMSC and MSC. There was an increase in the total number of provider hours for the nurses, however, from approximately 180 hours per month to over 223 hours. The MC was the only corps to show a significant drop in TT of 274.63 to 226.26 hours. This is a difference of about 48 hours. Parity was reached between ANC and MC at the 06 (colonel) level (see TT bar graph in Appendix L).

Large measures of dispersion were noted in the ANC, MC and MSC branches. Of particular note is the standard deviation (S.D.) of 102 for MC - 03 and a coefficient of variation (C.V.) of 158 for ANC -05.

It should be noted that the one (1) MSC - 02 and the Commanding General (MC - 08) were viewed as outliers in this part of the study and excluded from the chart. The MSC - 02 was processing into WRAMC during this period and the month of April was not representative of the Commanding General's normal schedule (i.e., no surgery performed or other PCT). These data were, however, incorporated into the other parts of the study.

Provider Time by Department/Separate Service (Appendix O)

Due in part to its large size (950 beds) and complexity, there are sixteen individual departments or separate services at Walter Reed (see Appendix N). To better understand the systemic operation and volume of the various categories of provider care, each of the departments/separate services was individually examined.

As was expected, the WRAMC Headquarters, the Clinical Investigation Department and the Preventive Medicine Service had the lowest percent of patient care time (PCT) (see the bar graph - Appendix N). PCT for these areas ranged from less than one (1) percent for Headquarters to 33 percent for Clinical Investigation. Of note was the lower amount of PCT (29.06 percent) provided by the Department of Psychiatry, when compared to the hospital average of 57.04 percent for total time. Possible explanations as to the variance are found in Appendix W (Provider Categories by Department/Separate Services).

This report also allowed us to examine the mean number of total (TT) hours provided by each of the medical center's major elements. Those with the higher mean of TT were Pediatrics (299.8 hours), Obstetrics-Gynecology (Ob-Gyn) (283.84 hours) and Surgery (269.09 hours). The departments/separate services with the lower average TT were Social Work Service (178.4 hours) and Clinical Investigation (174.3 hours).

Also examined were the mean hours of patient care time (PCT). Those departments with the highest PCT were Pediatrics (187.65 hours), Ob-Gyn

(187.54 hours), and Surgery (179.43 hours). Surgery had the highest percentage of PCT, at 66.68 percent (vs. 57.04 percent - overall) and Preventive Medicine the lowest (excluding Headquarters), with 23.86 percent.

Provider Time by Department/Rank (Appendix P)

Since most Army Nurse Corps (ANC) personnel are located in the Department of Nursing (DON), similar observations were noted in the report on Patient Care Time (PCT) by Corps/Rank and this report. There was a decrease in PCT for DON from 72 percent to 1.67 percent (a mean range of 137.63 to 3.86 hours) when going from lieutenant to colonel. This was a difference of nearly 134 hours. There was, however, an increase of about 192 hours of total time (TT) for lieutenants, which steadily increased to nearly 231 total provider hours for colonels (O-6).

The Department of Medicine (DOM) had a similar but not quite as dramatic decline in PCT when traced across ranks. Captains provided about 193 hours in this category as compared to DOM colonels who provided about 48 hours of PCT. This was a difference of 145 hours. The reason it was not as dramatic, even though the range for DOM was greater, was DON began with an average of 59 fewer PCT hours.

Typical PCT variances by rank (O1 to O6) in other departments/separate services were:

Ob-Gyn	-98	(O3 - O6)
Pediatrics	-94	(O3 - O6)

Surgery	-79	(03 - 06)
Allergy/Immunology	-37	(03 - 06)
Radiology	-104	(03 - 06)
Radiology	-28	(03 - 05)

Other examples of variation in TT from lieutenants (01/2) to colonel (06) were:

Physical Medicine	+34	(03 - 06)
Psychiatry	-37	(03 - 06)
Radiology	-40	(03 - 06)
Surgery	-25	(03 - 06)
Allergy/Immunology	+41	(03 - 06)

Provider Time by Department/Service:

This part of the study was designed to examine the characteristics of the subordinate services of the various departments at Walter Reed. Because of size and unique characteristics, three of the departments were examined in this section. These were the Department of Medicine (DOM), Department of Surgery (DOS) and Department of Nursing (DON). See Appendix.

There were eleven different services and a department office (MED OFC) within the Department of Medicine (DOM). While the average total time (TT) for DOM was about 245 hours, the General Medicine Service averaged 307 hours and Nephrology Service had a department high of 327 hours. The sample

population of Rheumatology was the only service to log less than 200 hours of TT (177 hours).

A fairly wide range for the average patient care time (PCT) was identified among the services of the DOM. Endocrinology, Ambulatory Services (ER) and Pulmonary Medicine were on the low end of the scale. These services had a mean PCT of 85.6, 78.0 and 80.8 hours, respectively. The top of the spectrum showed Nephrology to provide an average of 217 hours of PCT, while General Medicine had 226 hours of PCT. This was compared to a mean of 138 for DOM.

The Department of Surgery (SURG/DOS) was comprised of twelve services and the Office of the Chief (CHIEF). While the average TT for DOS was approximately 269 hours, Audiology provided 192 hours. The following services provided over 300 hours of TT:

<u>Service</u>	<u>Hours</u>
General Surgery (GEN)	348
Neurosurgery (NEURO)	320
Peripheral Vascular Surgery (PERI)	369
Thoracic Surgery (THOR)	332

The range for PCT varied greatly about the DOS mean of 179 hours. While Audiology recorded a department low of 48 hours, several provided PCT hours

over 250 hours. The latter were General Surgery (260 hours), Peripheral Vascular Surgery (271 hours) and Thoracic Surgery (257 hours).

Several large values among the correlation of variation (C.V.) were found within DOS. Of particular note, the C.V. of non-available time (NAT) in Urology was 201.1. This was with a range of 176 hours.

The Department of Nursing (DON), with the largest (by department) number of officer health care providers at Walter Reed, is composed of approximately 40 wards and services. The mean provider times for the department were:

<u>Variable</u>	<u>Hours</u>
PCT	111.51
NPCT	45.29
NAT	41.07
TT	197.88

Of all the wards and services within DON, the following provided an average total time (TT) of either over 220 hours or under 180 hours:

<u>Service/Ward</u>	<u>Hours</u>
Anesthesiology	222
5th Floor Nursing	220
Clinical Nursing Service	222

<u>Service/Ward</u>	<u>Hours</u>
Office of the Chief	256
Ward 53	226
Ward 57	256
Ward 66	242
Ward 48	172
Ward 65	178
Ward 67	176
Ward 68	179
Ward 72	176

The patient care time (PCT) for the wards showed a range of 40 to 174 hours with a mean of approximately 112 hours. The following wards provided an average PCT of either over 150 hours or under 100 hours:

<u>Wards</u>	<u>Hours</u>
Recovery Room	169
Ward 41	164
Ward 46	168
Ward 57	174

<u>Wards</u>	<u>Hours</u>
Ward 73	159
Ward 47	96
Ward 52	97
Ward 53	40
Ward 54	93
Ward 58	98
Ward 65	96
Ward 72	34
Ward 75	98

Provider Time by Department/Service/Rank

Appendix Q lists the amount of provider time, by rank, which was broken down into the services of each department. This report was requested by the chiefs and/or administrators of some of the departments and services. The data were too large and population sizes too small (i.e., N = 1, 3, 2, 1, 1, 2, 3, 1, etc.) to draw any meaningful conclusions.

Provider Time by Department/Service/Specialty

Appendix R looks at the provider time for the specialties within each of subordinate services. As noted above, this report was included only for review.

Provider Time by Specialty (See Appendix S)

The report on provider time by specialty looked at the military officer job specialties (by code) at WRAMC which provide patient care. Found in Appendix C is a listing of military officer health care provider specialties.

The Army Medical Specialist Corps is composed of three specialists: Occupational Therapy (OT), and Dietetics. Only the first two were identified within this study.

While there was little difference in the mean total time (TT) between PT and OT, there was a considerable amount of difference between the PCT means. The average PCT for OT was 65 hours while it was 102 hours for PT. Most of the difference may be explained with PT showing an increase in such nonpatient care time (NPCT) activities as medical training and teaching. OT has a formal training program at WRAMC, while PT does not.

The average patient care time (PCT) for the Army Nurse Corps (ANC) was 56 percent of the total time (TT). At one end of the PCT range were nursing Administrators (13.17 percent) and Community Health Nurses (23.86 percent). This expected due to the perceived view that these specialities require a higher level of administrative duties. At the other end of the scale was Clinical Nursing, which spent 68 percent of their time in PCT duties. Ob-Gyn nursing personnel followed with 66 percent. Note the coefficient of variation (C.V.) of 235.6 for Nursing Administrators. This shows a very wide dispersion.

When examining NPCT, two outliers were found among the nursing specialities. These were Nurse Administrators (66A) and Clinical Nurses (66J). NPCT was 71 percent and 11 percent, respectively.

Of particular note was the fairly close range of TT found among all specialities of nursing personnel, except for Nurse Administrators (66A). The

TT range was from 187 hours to 211 hours, except for the Nursing Administrator specialty which was 240 hours. Part of this difference may be explained by noting that the 66A positions at WRAMC were filled with the higher ANC grades. Unlike the other corps (AMSC/MC/MS), TT for ANC had a direct relationship to rank (01-188 hours to 06-223 hours).

The Medical Corps (MC) has 45 specialties divided among the 60 and 61 job series as well as 62A (Emergency Physician). To draw any major conclusions among so many specialties seemed pointless. A few observations, however, were noted.

As illustrated in Appendix K, the mean provider times for the MC were as follows: PCT - 149 hours (59 percent), NPCT - 71 hours (28 percent) and NAT - 33 hours (13 percent). This was for a total (TT) of 253 hours.

Specialties at opposite ends of the spectrum were noted by time and percentage of time:

		<u>PCT</u>	
	<u>Specialty</u>	<u>Hours ($\bar{X}$ = 149)</u>	<u>Percent of Time ($\bar{X}$ = 59%)</u>
60 E	General Medical Officer	181	67.58
60 K	Urology	185	79.42
60 N	Anesthesiologist	199	77.32
61 K	Thoracic Surgeon	185	64.69
61 H	Family Physician	182	76.97

<u>PCT</u>		
<u>Specialty</u>	<u>Hours ($\bar{X} = 149$)</u>	<u>Percent of Time ($\bar{X} = 59\%$)</u>
60 U Child Psychiatrist	64	27.20
60 W Phychiatrist	74	34.34
60 Z Hematologist	77	37.84
61 C Endocrinologist	40	18.77
61 G Infectious Disease Officer	66	32.92
61 P Physiatrist	77	35.49

<u>NPCT</u>		
<u>Specialty</u>	<u>Hours ($\bar{X} = 71$)</u>	<u>Percent of Time ($\bar{X} = 28\%$)</u>
60 G	127	52.87
60 M	132	51.97
60 U	133	56.96
61 C	132	62.38
61 Z	151	54.41
60 K	24	9.69
60 N	32	12.86
60 Q	33	16.91
61 N	13	5.80

NAT

<u>Specialty</u>	<u>Hours ($\bar{X} = 33$)</u>	<u>Percent of Time ($\bar{X} = 13\%$)</u>
60 Q Pediatric Cardiologist	50	25.57
60 R Child Neurologist	61	25.39
60 S Ophthomologist	69	32.99
61 S Radiologist	69	23.85
60 N Anesthesiologist	18	7.48
60 V Neurologist	22	9.99
61 F Internist	21	8.29
61 H Family Physician	2	0.64
61 J General Surgeon	30	9.21
61 T Anatomic Pathologist	4	1.88

IT

<u>Specialty</u>	<u>Hours ($\bar{X} = 253$)</u>
60 P Pediatrician	286
61 J General Surgeon	325
61 K Thoracic Surgeon	287
61 S Radiologist	288
61 Z Neurosurgeon	278

II

<u>Specialty</u>	<u>Hours ($\bar{X}$ - 253)</u>
60 Q Pediatric Cardiologist	196
60 U Child Psychiatrist	204
60 Z Hematologist	204
62 A Emergency Physician	199

Provider Time by Specialty/Rank (Appendix T)

There were a large number of specialties among the AMEDD Corps. An analysis of provider time by specialty became very difficult when also broken out into the different ranks (01-08). To possibly provide more meaning to the study, only specialties with a specific number of providers were evaluated. Specialties with a sample population (n) of thirty or more were highlighted. These are:

Pediatrician (60P)

<u>n</u>	<u>Rank</u>	<u>PCT</u>	<u>NPCT</u>	<u>NAT</u>	<u>TT</u>	(hours)
16	03	256	46	33	336	
7	04	117	75	25	217	
4	05	71	117	62	249	
6	06	105	110	37	246	
33	TOTAL	177	73	35	284	

Internist (61 F)

<u>n</u>	<u>Rank</u>	<u>PCT</u>	<u>NPCT</u>	<u>NAT</u>	<u>TT</u>	(hours)
30	03	200	72	14	287	
13	04	112	83	29	224	
7	05	55	107	26	187	
3	06	46	95	45	186	
53	TOTAL	151	81	21	253	

General Surgeon (61J)

<u>n</u>	<u>Rank</u>	<u>PCT</u>	<u>NPCT</u>	<u>NAT</u>	<u>TT</u>	(hours)
19	03	267	47	30	344	
5	04	264	76	13	354	
6	05	141	98	33	273	
3	06	109	103	54	266	
33	TOTAL	230	66	30	335	

Medical - Surgical Nurse (66 H)

<u>n</u>	<u>Rank</u>	<u>PCT</u>	<u>NPCT</u>	<u>NAT</u>	<u>TT</u>	(hours)
4	01	103	26	71	199	
25	02	155	10	32	198	
47	03	131	21	43	194	
40	04	74	81	46	201	

Medical - Surgical Nurse (66 H)

<u>n</u>	<u>Rank</u>	<u>PCT</u>	<u>NPCT</u>	<u>NAT</u>	<u>TT</u>	(hours)
6	05	9	145	64	217	
1*	06	0	0	172	172	
102	TOTAL	109	44	45	198	

*Incumbent was loaned to the Office of the Surgeon General (OTSG) for the entire month of April.

A lower amount of PCT for the lieutenant nurses may be attributed to their newness in the nursing field and the normal "start-up" time required before becoming proficient in patient care.

Provider CategoriesProvider Categories - Total (Appendix U)

This and the following three reports looked at the 17 subcategories of average provider time at Walter Reed during the month of April. Several measures of dispersion were included in the report. The spread or variation of this data appears to be extremely large with all but one (1) of the standard deviations larger than the mean. This may be explained as the population was not functionally homogenous. In other words, physicians, nurses and therapists do not perform the same kind of work.

Provider Categories by Rank (Appendix V)

In the evaluation of provider categories by rank, several interesting observations became apparent. One of the most obvious was the relation between inpatient care and outpatient care as the provider rank increased. At the rank of lieutenant, the mean for inpatient care was 128 hours and 6 hours for outpatient care. As provider rank approached colonel (06) the gap closed and finally reversed, with an outpatient care time of 37 hours and inpatient care time at 35 hours.

Other areas that showed a trend as the rank increased were listed on the chart in Appendix V. It was interesting to note that 01/02 health care providers averaged 21.29 hours of authorized absence. This is compared to a hospital average of 17.69 hours, or nearly 4 hours more per month than the hospital as a whole. It should be noted that at the accumulation rate of 2.5 days of authorized leave a month (20 hours), this category of health care provider, collectively, may be using more leave than it is accumulating.

Medical and dental absences was another category of interest. The amount of time expended for health care declined from the rank of 01/02 (1.75 hours) until it reached the rank of 05 (1.04 hours). At this point, however, medical/dental absence nearly quadrupled to 4.05 hours or about half a day each month. It was interesting to look at these providers as the rank increased. Was this finding due to sudden aging problems, group health patterns, or the eventual results of prolonged stress?

Provider Categories by Department/ Separate Service (Appendix W)

The departments and separate services were examined in relation to the 17 subcategories of provider care. Obvious differences noted included a large amount of time in Department of Nursing (DON) that was absorbed in authorized absences (AA). Based on a monthly accrual rate 2.5 days of AA (20 hours) the DON may have used more authorized absence per month ($20.00 - 21.63 = 1.63$) than it was accumulating. The same, however, was identified for Radiology, Social Work Service, Department of Primary Care and Community Medicine (DPCCM) and Physical Medicine.

Consulting time appeared to have a wide range among the departments. Those with a large amount of consulting time were Social Work Service (8.4 hours), Pathology (7.82 hours) and Neurology (11.63 hours). The DPCCM had 1.01 hours and Ob-Gyn showed .39 hours for consulting.

As stated earlier, patient care time (PCT) for the Department of Psychiatry (59.96 hours) was considerably lower than the Medical Corps (MC) average of 149.08 hours. Part of this variance may be explained in Psychiatry's emphasis in other areas such as:

<u>Area</u>	<u>Hospital Average</u>
Research	1.5X
Medical Training/Teaching	2.0X
Medical Meetings/Boards	3.0X

Medical training and teaching for the entire hospital revealed a range of 2 to 49 hours and a hospital mean of 25.32 hours. Departments at opposite ends of the scale were:

<u>Department</u>	<u>Hours</u>
Psychiatry	51
Radiology	44
Pathology	46
Neurology	41
OB/GYN	44
Preventive Medicine	2
Social Work Service	8
DPCCM	6
Nursing	9

Provider Subcategories by Branch

A review and comparison of provider subcategories was attached at Appendix X. Several characteristics were identified while analyzing this report.

While both the ANC and MSC showed a consumption of more than 2.5 work days a month through authorized absence, the ANC portion of the report reveals that the ANC had twice as much medical and dental absence as the other corps.

Correlation of Provider Categories

The correlation coefficient which measures the strength of the linear relationship between two variables was programmed and included as Appendices AA through CC. These reports, using the Pearson Correlation Coefficient with a default p-value for testing the null hypothesis, measured the rank of the sample population against the various provider categories. The reports were:

Correlation - Total (Appendix AA)

Correlation - Branch (Appendix BB)

Correlation - Department/Separate Service (Appendix CC)

Earlier discussion pointed out a perceived negative relationship between rank and patient care time (PCT) at Walter Reed, as well as a negative relationship between rank and non-patient care time (NPCT). There appeared to be little relationship between rank and non-available time (NAT), as well as total time (TT). This seemed to be validated with the information provided in Appendix AA. Rank and PCT/NPCT have a correlation of $-.306$ and $.460$, respectively with a $P < .0001$. Very little correlation was found between rank and NAT/TT, with a low probability (p) of rejecting a null hypothesis (H_0) of no correlation.

The report regarding correlation by branch (Appendix BB) revealed the same direction of correlation for PCT (negative) and NPCT (positive) with the four AMEDD corps. The stronger correlations, however, were with the MC and

ANC. No meaningful relationships were believed to exist among the ranks of the corps and NAT/TT.

For ease of review, the following correlations (see Appendix CC), which fell in the $\pm .5$ or greater range, were listed:

<u>Department</u>	<u>Category</u>	<u>Correlation</u>	<u>P</u>
Allergy/Immunology	NAT	.545	.1629
	Med. Admin.	.508	.1987
	Consulting	.593	.1215
Department of Nursing	NPCT	.539	.0001
Community Medicine (DPCCM)	Med. Admin.	.603	.0024
Department of Medicine (DOM)	PCT	-.573	.0001
Neurology	PCT	-.555	.0060
	Med. Meetings	.691	.0003
Obstetrics/Gynecology (Ob/Gyn)	PCT	-.805	.0005
	NPCT	.698	.0054
	Med. Admin.	.776	.004
Pediatrics	PCT	-.599	.0006
	TT	-.562	.0015
	Med. Admin.	.596	.0007
Preventive Medicine	PCT	-.540	.3475
	NAT	.651	.2339
	TT	.626	.2589
	Consulting	.583	.3019

<u>Department</u>	<u>Category</u>	<u>Correlation</u>	<u>P</u>
Psychiatry	PCT	-.541	.0008
Social Work Service	PCT	-.797	.0180
	NPCT	.635	.0905
	Med. Admin.	.842	.0087

Analysis of Variance (ANOVA) Procedures (Appendices EE - 00)

In the analysis of data in the previous reports, it became necessary to test to see if there were differences among the population means of the different Army Medical Department (AMEDD) corps, grades (01-08) and departments/separate services. This analysis was related to PCT, NPCT, NAT and TT, and was accomplished through the use of an ANOVA and null hypothesis test.

Whenever an ANOVA leads to a rejection of the null hypothesis that the population means are all equal, the question arises as to which pairs of population means are different. With this thought sequence in mind, the reports in Appendices EE through 00 were programmed.

The ANOVA among the AMEDD branches and PCT revealed an F value of 17.46 and a $PR > F$ of .0001. We therefore rejected a null hypothesis (H_0) that not all the AMEDD corps means were equal.¹⁰

In testing for significant differences between individual pairs of means, tests for significance were carried out on every pair of means. After rejecting H_0 : $X_1 = X_2 = X_3 = X_4$, an examination looked at which of the

individual hypotheses would be rejected. In other words which of the following null hypothesis were rejected:

$$H_0 : X_1 = X_2$$

$$H_0 : X_2 = X_3$$

$$H_0 : X_1 = X_3$$

$$H_0 : X_2 = X_4$$

$$H_0 : X_1 = X_4$$

$$H_0 : X_3 = X_4$$

Using an alpha of .05 (probability of rejecting a true null hypothesis) and a confidence interval of .95, tests were conducted to make individual comparisons. These tests were the:

Least Significant Difference (LSD) Procedure

Tukey's Honestly Significant Difference (HSD) Test

Through these procedures, it was determined that the means of the MSC, ANC and AMSC were not significantly different. Noted was the significance between the MC and each of the other corps when using the LSD procedure at the 0.05 level, or:

$$P(t_{721} \leq 1.96326) = .975, \text{ for a two tail test.}$$

These conclusions are supported by the other test (HSD) for significant differences between individual pairs of means. Note the LSD and HSD compute the differences between pairs of means and any difference that yields an absolute value that exceeds LSD or HSD is found to be significant.¹²

ANOVA tests in the remaining appendices (EE to OO) were all performed in the same manner. The following were used:

F - Test

Alpha (α) = .05

Confidence Interval = .95

LSD Procedure

HSD Test

Identification of significant differences among means of the remaining eleven appendices was extremely cumbersome. It can be readily evaluated within each appendix rather than transcribed into the text.

Provider Time Analysis

As mentioned in the discussion of this paper, a study was conducted (Chin, 1985) at Stanford University Medical Center (SUMC) which included the determination of the amount of health care provider time spent by the staff of the Department of Medicine at SUMC.¹³ Appendix PP provided a breakout of the percentage of time for the categories of patient care time (PCT), non-patient care time (NPCT) and non-available time (NAT).

A comparison was made among SUMC, Walter Reed as a whole, the Medical Corps, the Department of Medicine and the colonels (O6) assigned to WRAMC. Also noted was the sample population and total number of hours worked (TT).

Interestingly, the group closest to SUMC (in percentage) in all three categories (PCT/NPCT/NAT) of provider time was the health care providers who held the rank of colonel (O-6). Also, the physicians (MC) were the nearest

group to SUMC, which recorded the highest level of total time (SUMC - 266 hours per month).

An analysis was included in Appendix PP, which evaluated the number of manpower equivalents that would be gained by Walter Reed if it were given additional personnel for the workhours performed over and above a 44 hour work week. In one year 155.62 additional work years could be realized at Walter Reed.

VI. SUMMARY

For the first time, a study was conducted to determine the average amount of time that military officers of an entire hospital spend in the three major categories of provider care (NAT, NPCT, PCT). The study also examined the mix and relative differences among the various departments/services, departments and grades. The perspective subcategories were included as well.

Defining what data should be collected, determining the appropriate method of collecting the data and designing a system to turn the data into useful information was both demanding and intriguing. Probably the most challenging task was devising a way to receive support from the large volume of providers that would be tasked to complete the survey forms.

A pilot study was performed to not only determine which type of survey was the most appropriate, but to also gain support (part ownership) from key hospital staff. Support from the Commanding General was paramount and enthusiastically given. Meetings and classes were held in every part of the

hospital. Points-of-contact were established and briefed. Support was obtained from all the department chiefs.

All of this preliminary work appears to have been fruitful. Provider survey forms were completed by 725 of the 818 health care providers, for a completion rate of 89 percent. This was considered by the command of Walter Reed as extremely successful.

A significant amount of information was obtained in the thirty reports attached as appendices. Most of this information will not be reiterated here; however, a few salient points should be covered.

Previous studies by Misener and Frelin revealed a 15 percent nonavailability (NAT) factor for nursing personnel (officer, enlisted and civilian) among several military hospitals.¹⁴ Walter Reed showed a 15.73 percent NAT while the WRAMC Army Nurse Corps personnel had a NAT of 21.1 percent.

The total mean averages for WRAMC health care providers were the following:

<u>Category</u>	<u>Hours</u>	<u>Percent</u>
PCT	131.43	57.04
NPCT	62.75	27.23
NAT	36.26	15.73
TT	230.43	100.00

An examination and comparison of provider time involved a study at Stanford University Medical Center (SUMC) (Chen, 1985) and several categories of health care providers at WRAMC. The SUMC physicians and O6 (Colonel) WRAMC health care providers seemed to show the most similarity in regard to percent of patient care time (PCT), non-patient care time (NPCT) and non-available time (NAT).

Rank seemed to play a major role in determining the type and amount of provider care provided. Studies showed there was a negative relationship with the increase in rank and the volume of PCT. The reverse was true for NPCT. There appeared to be little relation between NAT and rank. All corps, except the Army Nurse Corps (ANC), provided less total provider time (TT) as the rank increased. The ANC provided more total provider time (TT).

The MC showed the highest mean TT of about 253 hours. Parity occurred, though, as both the MC and ANC approached the rank of Colonel (O6).

A discovery that may have far reaching consequences is the relation between PCT and rank among nursing (ANC) personnel. While most U.S. Army Medical Department (AMEDD) corps showed some decrease in PCT as the rank of the provider increased, ANC personnel showed a dramatic decrease in PCT. The PCT fell from about 72 percent for lieutenants (O1/O2) to less than 4 percent for colonels (O6). This may provide cause for assessing the actual versus required roles of the ANC as they move across the grade spectrum.

Several other areas or subcategories were found to rise as the rank of providers increased. These were consulting, research, medical meetings/boards, as well as medical/dental absence. The latter was particularly evident for the rank colonel (O6). The O6 health care providers were found to use an average of 4.05 hours a month for a medical and/or dental absences. This was about 2.5 times the hospital average of 1.58 hours per month.

Earlier discussion pointed out a perceived negative correlation between rank and PCT at Walter Reed, as well as a negative correlation between rank and NPCT. There appeared to be little correlation between rank and NAT, as well as TT. This seemed to be validated with the information provided in Appendix AA.

Using an alpha of .05 (probability of rejecting a true null hypothesis) and a confidence interval of .95, ANOVA tests were conducted to make individual comparisons within the major groups of health care providers. Through these procedures it was determined that the PCT/NACT/NAT means of the MSC, ANC and AMSC were not significantly different. There was, however, a significant difference between MC and the other corps.

It is hoped that this study may shed light on the requirements of officer health care personnel at Walter Reed. In collaboration with the U.S. Army Health Care Studies and Clinical Investigation Activity this study may also prove beneficial in determining resource allocations under a possible military-unique diagnostic related group (DRG) equivalent concept.

VII. RECOMMENDATIONS

The objectives of this study were met. An extensive amount of data was accumulated and evaluated. A comparison of a similar but limited study at the Stanford University Medical Center was accomplished.

At present there is no military health care study which can be used that allows a thorough comparison. Nor is there a civilian health care study of this scope suitable for use. In other words, there is no pool of comparable data.

The US Army Health Care Studies and Clinical Investigation Activity (HCS and CIA) at Fort Sam Houston (FSH), Texas, is preparing to conduct a similar study of the same scope at Brooke Army Medical Center, FSH. The HCS and CIA reviewed this WRAMC project and wish to incorporate the findings in their future study. According to Health Care Studies, both projects are compatible for review and comparison.

It is recommended that this study be approved for submission to HC and CIA to be used in evaluating and comparing provider time at military medical centers. These studies, then, may be used as the framework for the projected determination of weighted averages for resource allocation under a proposed military equivalent to diagnostic related groups (DRG).

FOOTNOTES

¹U.S. Department of the Army, Health Care Studies and Clinical Investigation Activity, Development of a Non-patient Care Model for the Performance Measurement Study. HCS Report #84-002, by James M. King, Donald E. Obrien, and A. David Mangelsdorf (Alexandria, VA: Defense Technical Information Center, October 1984), pp. 291-304.

²U.S. Department of Defense, Department of Defense Uniform Chart of Accounts for Fixed Military Medical and Dental Treatment Facilities, DoD Pam. no. 6010.10M (Washington, D.C.: U.S. Government Printing Office, 1979), pp. 3-7.

³U.S. Department of the Army, Uniform Staffing Methodologies for Fixed Military Medical and Dental Treatment Facilities, DA Pam. no. 40-xx (draft) (Washington, D.C.: U.S. Government Printing Office, undated), Figure 3-3A.

⁴U.S. Department of the Army, Health Care Studies and Clinical Investigation Activity, Non-productive Factor Allowance (Pilot Study), HCS Report #80-002, by David F. Alexander and A. David Mangelsdorf (Alexandria, VA: Defense Technical Information Center, 1980), pp. 83-85.

⁵David Chin et al. "The Relation of Faculty Academic Activity to Financing Sources in a Department of Medicine." *The New England Journal of Medicine* 312 (April 18, 1985): 1029-31.

⁶Art Badgett, U.S. Army Academy of Health Sciences, Fort Sam Houston, Texas. Lecture, 22 February 1984.

⁷Wayne W. Daniel. Biostatistics: A Foundation for Analysis in the Health Sciences (New York, NY: John Wiley and Sons), p. 299.

⁸U.S. Department of the Army, Health Care Studies and Clinical Investigation Activity. Time Spent in Indirect Nursing Case. HSC Report # 83-004, by Terry R. Misener and A.Q. Frelin (Alexandria, VA: Defense Technical Information Center, 1983), pp. 16. iv.

⁹Daniel, p. 102.

¹⁰Ibid., p. 222.

¹¹Ibid., pp. 223-4.

¹²Ibid.

¹³Chin, pp. 1029-34.

¹⁴Misener, p. 16.

SELECTED BIBLIOGRAPHY

Articles

- Abdellah, F., and Levine, G. "Work Sampling Applied to the Study of Nursing Personnel," Nursing Research 3 (June 1954): 11-16.
- Cercone, Romeo. "Measuring Activity by 'Work Sampling'." Dimensions in Health Service 55 (November 1978): 34.
- Carpenter, W.W. "Developing a Unit of Service to Measure Productivity", Hospital Financial Management 32 (July 1978): 14-18.
- Chin, David; Hopkins, David; Melmon, Kenneth; and Holman, Halsted R. "The Relation of Faculty Academic Activity to Financing Sources in a Department of Medicine," The New England Journal of Medicine 312 (April 18, 1985): 1029-1034.
- Hanson, R. L. "Staffing Statistics: Their Use and Usefulness." Journal of Nursing Administration 12 (November 1982): 29-35.
- Mannisto, Marilyn. "An Assessment of Productivity in Health Care", Hospitals 54 (16 September 1980): 71-76.
- Marron-Cost, Joan. "Productivity: Key to Cost Containment", Hospitals 54 (16 September 1980): 77-79.
- Neuman, B.R. "Hospital Productivity: An Evaluation of Proposed Measurement Methods," Public Health Report (1980): 232.
- Presnick, W.J. "Measuring Managerial Productivity," Administrative Management 41 (May 1980): 27.
- Thomas, A.L. "Reporting of Faculty Time: An Accounting Perspective." Science 215 (1982): 27-32.
- Thomas, William J.; Berki, S.E.; Wyszewianski, Leon; and Ashcraft, Marie L.E. "Classification of Hospitals Based on Measured Output: The VA System." Medical Care 21 (July 1983): 715-733.
- Tooney, J.B., and Merrick, J.O. "Adaptation of a Workload Measurement System." American Journal of Hospital Pharmacists 39 (June 1982): 999-1004.

Books

Daniel, Wayne W. Biostatistics: A Foundation for Analysis in the Health Sciences. New York, NY: John Wiley and Sons, 1983.

Pamphlets

Spaulding, S.L.; Shelly, J.W.; Domine, R.M.; Martin, J.M.; and St.
Clair, N.J. Health Care Industry Survey. VRI-DHA-4 WP 83-1.
Ann Arbor, MI: Vector Research Incorporated, 1983.

Government Publications

- Federal Data Systems Corporation. Uniform Chart of Accounts Personnel Utilization System Training Materials. DoD Contract MDA903-82-C-0200. Washington, DC: Government Printing Office, 1983.
- U.S. Department of the Army. Army Automation Economic Analysis. TB 18-109. Washington, D.C.: U.S. Government Printing Office, August, 1980.
- U.S. Department of the Army. Army Administrative Systems Automation Program. Army Regulation 340-18 (DRAFT), Washington, D.C.: U.S. Government Printing Office, 1 June 1983.
- U.S. Department of the Army. Manpower Management. Army Regulation 570-4. Washington, D.C.: U.S. Government Printing Office, November 1975, with changes.
- U.S. Department of the Army. Manpower Procedures Handbook. DA Pam. no. 540-4. U.S. Government Printing Office, April 1974.
- U.S. Department of the Army. Manpower Staffing Standards System. Army Regulation 570-5. Washington, D.C.: U.S. Government Printing Office, 15 April 1984.
- U.S. Department of the Army. Staffing Guide for U.S. Army Medical Department Activities. DA Pam. no. 570-577. Washington, D.C.: U.S. Government Printing Office, June 1974.
- U.S. Department of the Army. Uniform Staffing Methodologies for Fixed Military Medical and Dental Treatment Facilities. DA Pam. no. 40-xx (draft). Washington, D.C.: U.S. Government Printing Office, undated.
- U.S. Department of the Army. Health Care Studies and Clinical Investigation Activity. Development of a Non-patient Care Model for the Performance Measurement Study. HCS Report #84-002, by James M. King, Donald E. Obrien, and A. David Mangelsdorf. Alexandria, VA: Defense Technical Information Center, October, 1984.
- U.S. Department of the Army. Health Care Studies and Clinical Investigation Activity. Non-productive Factor Allowance (Pilot Study). HCS Report #80-002, by David F. Alexander and A. David Mangelsdorf, Alexandria, VA: Defense Technical Information Center, 1980.

- U.S. Department of the Army. Health Care Studies and Clinical Investigation Activity. Time Spent in Indirect Nursing Care. HSC Report # 83-004, by Terry R. Misener and A.Q. Frelin. Alexandria, VA: Defense Technical Information Center, 1983.
- U.S. Department of Defense. Department of Defense Uniform Chart of Accounts for Fixed Military Medical and Dental Treatment Facilities. DoD Pam. no. 6010.10M. Washington, DC: U.S. Government Printing Office, 1979.
- U.S. Department of Health and Human Services. Productivity and Health: Hospital Productivity - A Synopsis of the Literature. DHHS Publication No. (HEA) 80-14028. Washington, D.C.: U.S. Government Printing Office, August, 1980.

Lectures/Interviews

- Badgett, A. U.S. Army Academy of Health Sciences, Fort Sam Houston, Texas. Lecture, 22 February 1984.
- Harbin, R. C. Uniform Staffing Methodologies, Health Services Command, Fort Sam Houston, Texas. Interview, 5 July 1984.
- King, James M. U.S. Army Health Care Studies and Clinical Investigation Activity, Fort Sam Houston, Texas. Interview, 16 August 1984.
- Misener, Terry R. U. S. Army Health Care Studies and Clinical Investigation Activity, Fort Sam Houston, Texas. Interview, 16 August 1984.
- Ibid., 4 October 1984.
- Smith, Georgia. Uniform Staffing Methodologies, Health Services Command, Fort Sam Houston, Texas. Interview, 5 July 1984.
- Steward, Patricia. Uniform Chart of Accounts - Personnel, Health Services Command, Fort Sam Houston, Texas. Interview 12 July 1984.

Appendix A
Definitions

Definitions

Operating Assigned Hours - Operating assigned hours are the normal duty hours prescribed for an individual while assigned to a military unit.

Available Time - Available time (AT) is the volume of assigned man-hours dedicated to the performance of primary duties. This is computed by subtracting the nonavailable hours from the assigned hours.

Nonavailable Time - Nonavailable time (NAT) is comprised of the assigned man-hours allowed for participation in those activities directed, recognized and approved by the service which renders the individual unavailable for assigned primary duties. Examples of NAT are leave, in-processing and medical absences.

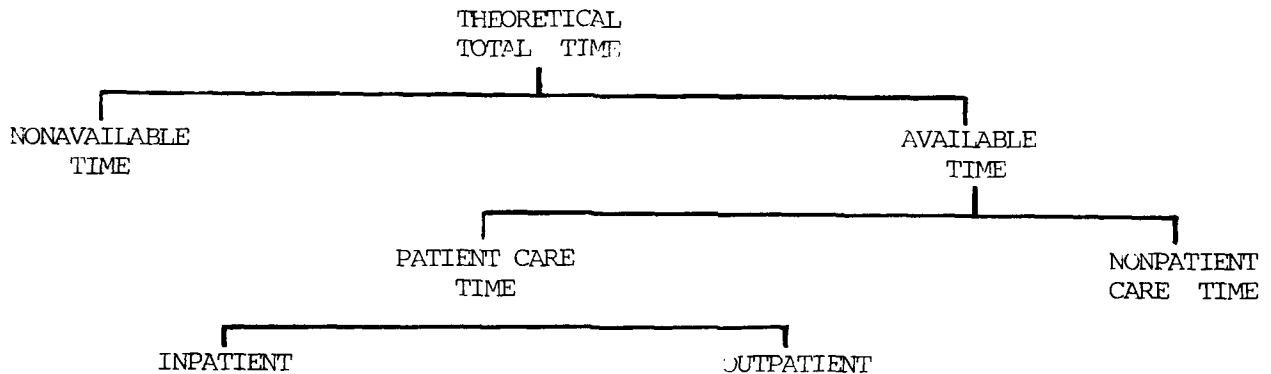
Nonpatient Care Time - Nonpatient care time (NPCT) is comprised of the volume of AT that is not involved with inpatient or outpatient care time. Examples of NPCT include medical research, teaching and training.

Patient Care Time - Patient care time (PCT) is comprised of physical or sensory interaction with patients, having a direct bearing on their needs. Also included are patient-centered activities performed away from the patient such as: medical orders, planning care, assessing needs and preparation of medication.

SOURCE: David F. Alexander and A. David Mangelsdorf, Nonproductive Factor Allowance (Pilot Study). U.S. Army Health Care Studies and Clinical Investigation Activity, Ft. Sam Houston, Texas. Report #80-002, 1980, pp. 83-85.

Appendix B
Theoretical Total Time

PROVIDER TIME ALLOCATION



EXAMPLES

Nonavailable Time:

In/Out Processing
 Military Organizational Related Activities
 Loaned Time
 Authorized Absence
 Medical/Dental Absence
 Military Training/Teaching
 Duty Roster (Except Patient Care Related)
 Military Courts/Boards/Committees
 Travel
 Miscellaneous

Nonpatient Care Time:

Medical Training/Teaching
 Medically Related Committees/Boards/Meetings
 Medical Research
 Medical Administration
 Consulting

Patient Care Time:

Inpatient Care Time
 Outpatient Care Time

Adapted: James M. King; Donald C. O'Brien; and A. D. Mangelsdorf,
Development of a Nonpatient Care Model for the Performance Measurement
Study. U. S. Army Health Care Studies and Clinical Investigation
 Activity, Fort Sam Houston, Texas, Presentation Paper, 11 - 15 June 1984.

Appendix C
Military Officer Health Care Provider
Specialties

Military Officer Health Care Provider Specialties

Medical Corps

<u>Series</u>	<u>Title</u>
60A	Operational Medicine Officer
60B	Nuclear Medical Officer
60C	Preventive Medicine Officer
60D	Occupational Medicine Officer
60E	General Medical Officer
60F	Pulmonary Disease Officer
60G	Gastroenterologist
60H	Cardiologist
60J	Obstetrician and Gynecologist
60K	Urologist
60L	Dermatologist
60M	Allergist/Clinical Immunologist
60N	Anesthesiologist
60P	Pediatrician
60Q	Pediatric Cardiologist
60R	Child Neurologist
60S	Ophthalmologist
60T	Otorhinolaryngologist
60U	Child Psychiatrist
60V	Neurologist
60W	Psychiatrist
60Z	Hematologist
61A	Nephrologist
61B	Medical Oncologist
61C	Endocrinologist
61D	Rheumatologist
61E	Clinical Pharmacologist
61F	Internist
61G	Infectious Disease Officer
61H	Family Physician
61J	General Surgeon
61K	Thoracic Surgeon
61L	Plastic Surgeon
61M	Orthopedic Surgeon
61N	Flight Surgeon
61P	Physiatrist
61Q	Therapeutic Radiologist
61R	Diagnostic Radiologist
61S	Radiologist
61T	Anatomical Pathologist
61U	Pathologist
61V	Clinical Pathologist
61W	Peripheral Vascular Surgeon
61Z	Neurosurgeon
62A	Emergency Physician

Army Medical Specialist Corps

<u>Series</u>	<u>Title</u>
65A	Occupational Therapist
65B	Physical Therapist
65C	Hospital Dietician

Army Nurse Corps

<u>Series</u>	<u>Title</u>
66A	Nurse Administrator
66B	Community Health Nurse
66C	Psychiatric/Mental Health Nurse
66D	Pediatric Nurse
66E	Operating Room Nurse
66F	Nurse Anesthetist
66G	Obstetric and Gynecologic Nurse
66H	Medical-Surgical Nurse
66J	Clinical Nurse

Medical Service Corps

<u>Series</u>	<u>Title</u>
68H	Pharmacy Officer
68K	Optometry Officer
68L	Podiatrist
68M	Audiologist
68R	Social Work Officer
68S	Psychologist

Appendix D
WRAMC Provider Time Survey

WRAMC PROVIDER TIME SURVEY

DATE:

TO:

FROM: DEPT.
SERVICE

PREPARER NAME AND TELEPHONE NUMBER:

EMPLOYEE NAME:

BRANCH:

SSI:

GRADE:

TDA PARA
LINE NO:

DAY OF MONTH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
OP ASGD HRS																																
INPATIENT CARE PROVIDED																																
OUTPATIENT CARE PROVIDED																																
MED TRAIN/TEACHING																																
MIL MAND (NON-MED) TRAIN/TEACHING																																
TRAVEL TIME																																
RESEARCH																																
DUTY ROSTER																																
MEDICAL MEETINGS/BOARDS/COMMITTEES																																
MILITARY (NON-MED) MEETINGS/COMMITTEES																																
CONSULTING																																
MED/DENT ABSENCE																																
AUTH ABSENCE																																
PCS PROCESSING																																
ORGANIZATIONAL DUTIES																																
MEDICAL ADMINISTRATION																																
LOANED TIME																																
MISCELLANEOUS																																

DEFINITIONS

Medical/Dental Absence	medical/dental appointments hospitalized convalescence sick call dependent illness	
Authorized/Unauthorized Absence:	terminal leave emergency leave regular leave civilian courts training holiday compensatory time	voting time holiday time day off/pass AWOL failure to report for duty
PCS Processing:	inprocessing time orientation	outprocessing time house hunting
Duty Roster:	AOD/SDO (does not include MOD)	
Travel Time:	Time spent in travel to conferences, continuing education, committees, consultation, teaching, etc. Includes travel time while TDY.	
Organizational Duties:	Organizationally directed or sanctioned activity. Includes union activities, fund drives, ceremonies, details, etc.	
Military Mandatory Training/ Teaching (Non-medical):	Military training or teaching either given or received. Includes APRT, FTX, PROFIS AND EO/EEO Training.	
Medical Training/Teaching:	Teaching and training that is either given or received. Includes continuing education, speeches, conferences, etc.	
Military Meetings/Boards/Committees:	Those not related to health care.	
Loaned to other Organizations:	Loaned to a work center external to WRAMC (OTSG/HSC/USUHS/other MEDCEN or MEDDAC).	
Consultation:	Consultation not involved in work center (i.e. consultation work for OTSG/HSC).	
Medical Administration:	Administrative duties required of the work center.	
Miscellaneous:	Any function that does not fall in the above categories.	

Appendix E
Uniform Staffing Methodology and Clinical Surveys

UNIFORM STAFFING METHODOLOGIES MANPOWER AVAILABILITY REPORT

(For use of this form see Uniform Staffing Methodologies for Field Medicine and Dental Treatment, Facilities Users Manual, DA Form 450-9, (Rev. 11)

Supporting Information for RCS DD HAO 1531

TO: USM Project Office

FROM: Dep/Div:

PREPARED NAME AND TELEPHONE NUMBER:

Repl Element:

MTF:	EMPLOYEE NAME	MTF APC	SSIMOS JOB SER ES	BR	GR	CAT	CLINICIAN SURVEY NUMBER	UCA CODE	TOTAL AVAIL HRS	TOTAL NON-Avail HRS	TOTAL OP ASGO HRS	UNIT ID CODE (UIC)	TDA PARA NUMBER	REPT MO	Q REPTULIAN	INPUT DATE															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
																	Day of Month														
																	A. Op Asgd Hrs														
																	B. Non-Avail Hrs														
																	C. Avail Hrs														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
																	Day of Month														
																	A. Op Asgd Hrs														
																	B. Non-Avail Hrs														
																	C. Avail Hrs														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
																	Day of Month														
																	A. Op Asgd Hrs														
																	B. Non-Avail Hrs														
																	C. Avail Hrs														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
																	Day of Month														
																	A. Op Asgd Hrs														
																	B. Non-Avail Hrs														
																	C. Avail Hrs														

DA Form 346-9 (Rev. 11-63) (DD FORM 1 APR 63) IS OBSOLETE

EDITION OF 1 APR 63 IS OBSOLETE

WALTER REED ARMY MEDICAL CENTER CLINICIAN SURVEY

Last First MI

INSTRUCTIONS

SSN (last 4 #'s only)

Survey is only for assigned/contract physicians on the WRAMC TDA. Not for "extenders" or borrowed physicians from other units.

APC (assigned to)

Make 1 allocation reflecting normal duty; use only 5% increments, maximum of 7 work centers, total must equal 100%.

Grade/Rank SSI/MOS

Date Present Status (circle one) Intern PG1 Resident PG2-8 Fellow Staff Contract

Student mandatory allocations: PG1 100% FAKA, PG2-8 50% FAKA with remainder to I, II, III and V (Instructor). PG2-8 can concurrently have percentages in Student FAKA and Instructor FAKA. Residential rotation allocations can be accommodated by monthly changes.

MEDICAL CARE

Internal MED (AAAA)
Infectious DIS (AAAA)
Allergy (AAAC)
Cardiology (AABA)
Coronary Care Unit (AACA)
Dermatology (AADA)
Endocrinology (AAEA)
Gastroenterology (AAFA)
Hematology (AAGA)
Medical ICU (AAMA)
Nephrology (AAIA)
Neurology (AAJA)
Oncology (AAKA)
Pul/Upper RESP (AALA)
Rheumatology (AAMA)

I. INPATIENT CARE %

SURGICAL CARE

General Surgery (ABAA)
Organ Transplant (ARZA)
Cardiovas/Thor SURG (ABBA)
Peripheral Vascular (ABBB)
Surgical ICU (ABCA)
Neurosurgery (ABDA)
Ophthalmology (ABEA)
Oral Surgery (ABFA)
Otorhinolaryngology/Head & Neck (ABGA)
Pediatric Surgery (ABHA)
Plastic Surgery (ABIA)
Proctology (ABJA)
Urology (ABKA)
Gynecology (ACAA)
Obstetrics (ACBA)

PSYCHIATRIC CARE

Psychiatry (AFYA)

ORTHOPEDIC CARE

Orthopedics (AEAA)
Hand Surgery (AEAB)
Podiatry (AEBA)

PEDIATRIC CARE

Pediatrics (ADAA)
Nursery (ADBA)
Neonatal ICU (ADCA)

II. AMBULATORY CARE %

MEDICAL CARE

Internal MED CL, Bldg 2 (BAAA)
Internal MED CL, Rader (BAAR)
Infectious DIS CL (BAAB)
Allergy CL (BABA)
Cardiology CL (BACA)
Diabetic CL (BAEA)
Endocrinology CL (BAFA)
Gastroenterology CL (BAGA)
Hematology CL (BAHA)
Nephrology CL (BAJA)
Hypertension CL (BAIA)
Neurology CL (BAKA)
Nutrition CL, Bldg 2 (BALA)
Nutrition CL, Rader (BALR)
Oncology CL (BAMA)
Pulmonary DIS CL (BANA)
Rheumatology CL (BAAO)
Dermatology CL, Bldg 2 (BAFA)
Dermatology CL, Rader (BAFR)

ORTHOPEDIC CARE

Orthopedic CL, Bldg 2 (BEAA)
Orthopedic CL, Rader (BEAR)
Cast CL, Bldg 2 (BEBA)
Cast CL, Rader (BEBR)
Hand Surgery CL (BECA)
Ortho Appliance CL (BEEA)
Podiatry CL, Bldg 2 (BEFA)
Podiatry CL, Pentagon (BEFQ)
Podiatry CL, Rader (BEFR)

SURGICAL CARE

General SURG CL, Bldg 2 (BBAA)
General SURG CL, Pentagon (BBAQ)
Pain CL (BBAB)
Cardiovas/Thor SURG CL (BBBA)
Peripheral Vascular CL (BBBB)
Neurosurgery CL (BBCA)
Ophthalmology CL, Bldg 2 (BBDA)
Ophthalmology CL, Rader (BBDR)
Organ Transplant CL (BBEA)
ENT/Head/Neck CL, Bldg 2 (BBFA)
ENT/Head/Neck CL, Rader (BBFR)
Plastic Surgery CL (BBGA)
Proctology CL (BBHA)
Urology CL (BBJA)

PEDIATRIC CARE

Pediatric CL, Bldg 2 (BDAA)
Pediatric CL, Rader (BDAR)
Adolescent CL, Bldg 2 (BDBA)
Adolescent CL, Rader (BDBR)
Well Baby CL, Bldg 2 (BDCA)
Well Baby CL, Rader (BDCR)

OBSTETRICAL/GYN CARE

Family Planning CL (BCAA)
GYN CL, Bldg 2 (BCBA)
GYN CL, Rader (BCBR)
OB CL, Bldg 2 (BCCA)
OB CL, Rader (BCCR)

PRIMARY MEDICAL CARE

PC CL, Bldg 2 (BHAA)
PC CL, Pentagon (BHAQ)
PC CL, Rader (BHAR)
PC CL, Art Hall (BHAS)
PC CL, McHale (BHAT)
PC CL, Cam Str (BHAU)
PC CL, Detrek (BHAV)
M/Exam, Bldg 2 (BHBA)
M/Exam, Pentagon (BHBO)
M/Exam, Rader (BHBR)
OPT CL, Bldg 2 (BHCA)
OPT CL, Pentagon (BHCO)
OPT CL, Rader (BHCR)
AUD CL, Bldg 2 (BHDA)
AUD CL, Rader (BHDR)
Speech Path CL (BHFA)
ER, Bldg 2 (BIYA)
ER, Rader (BIYR)
Flight Medicine
CL, Pentagon (BJYQ)

PSYCHIATRIC CARE

Psychiatry CL (BFYA)
Psychology CL (BFBA)
Child Guide CL (BFCA)

III. ANCILLARY & SPECIAL PROGRAM %

PATHOLOGY

Clinical PATH (DBAA)
Anatomical PATH (DBBA)
Blood Bank (DBCA)

RADIOLOGY

Diagnostic RAD, Bldg 2 (DCAA)
Diagnostic RAD, Pentagon (DCAQ)
Diagnostic RAD, Rader (DCAR)
Diagnostic RAD, Detrick (DCAV)
Therapeutic RAD, Bldg 2 (DCBA)

OTHER

Nuclear Medicine (DIYA)
Anesthesiology (DFAC)
Inhalation/RESP Therapy (DHAA)
Hemodialysis (DCBA)
Physical Medicine (DHCA)
Clinical Investigation (FAHA)*
Preventive Medicine (FBAA)*
Exceptional FAM HSR CL (BDZA)
Same Day Surgery (DGAA)
Military Unique not elsewhere classified (FDZB)* Includes TSG Consultancy, support of other TDA/TOE hospitals and units, contingency operations, etc. (Briefly state category)

EKG, Bldg 2 (DDAA)
EKG, Pentagon (DDAQ)
EKG, Rader (DDAR)
EKG, Art Hall (DDAS)
EKG, McHale (DDAT)
EKG, Cam Str (DDAU)
EKG, Detrick (DDAV)
EEG, Bldg 2 (DDBA)
EEG, Bldg 2 (DDCA)

IV. COMMAND-ADMIN % (LEPT CH & ABOVE)

Commanding General (EBYA)
Deputy Commander (EBYA)
CH, Dept of MED (AA-BAXX)
CH, Dept of SURG (AB-BBXX)
CH, Dept of PCOM (BHXX)
CH, Dept of NEUR (AA-BAXX)

CH, Dept of OB/GYN (AC-BCCX)
CH, Dept of PED (AD-BDXX)
CH, Dept of PSYCH (AF-BFXX)
CH, Dept of RAD (DCXX)
CH, Dept of PATH (DBXX)

V. TEACHING PROGRAM %

Instructor (FAJA)*
Student (FAKA)*
(see instructions for mandatory allocations)

SURVEY PURPOSE

NOTE: "Research" must be allocated to the related treatment work centers above.

Apply % you indicate to your salary and hours worked (reported monthly on Manpower Availability Report). The % of salary becomes part of appropriate Bed Day/Clinic Visit/Hours of Service/etc. "cost per". The % of hours becomes part of each work center's manpower justification.

* FAHA/FBAA/FDZB/FAJA/FAKA are final operating accounts from which your % allocations do not contribute to a "cost per" or manpower.

WRAMC FORM 812 R PREVIOUS EDITIONS OF WRAMC FORMS 812 AND 812-1 ARE OBSOLETE.

Appendix F
Survey Instructions

DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL

SUBJECT

SHL-CS

Manpower Measurement Study--Key Personnel Instructions

TO

FROM

Chief of Staff, WRAMC

DATE

15 March 1985

CMT 1

1. The Commander of Walter Reed Army Medical Center (WRAMC) wishes to determine the amount of manpower, by category, that military officer health care providers perform at WRAMC. These categories are: nonavailable time (NAT), patient care time (PCT), and nonpatient care time (NPCT). See Inclosure 1 for definitions and Inclosure 2 for examples of NAT, PCT, and NPCT. The purpose, therefore, of this study is to identify how much time is spent by WRAMC health care providers in each of the above categories through the use of a WRAMC Provider Time Sheet. This survey form is a modified version of the Uniform Staffing Methodologies Manpower Availability Report (HSC Form 346-R). The survey will be conducted only during the period of 1 - 30 April 1985.

2. You have been designated as the key person within your department/service to coordinate with this office in facilitating the accurate and timely completion of the attached WRAMC Provider Time Survey (WRAMC Form 0359) by each of your officers involved in patient care, research and teaching/training. The POC for this office is CPT Cary J. Payne, Administrative Resident (6-3950/1258).

3. Each key person will be responsible for:

a. briefing all personnel to be surveyed, to include ensuring procedures and definitions are understood,

b. the overall preparation, accuracy and submission of the time sheets,

c. conducting weekly reviews of the survey forms to facilitate timely and accurate reporting,

d. verifying the survey sheets,

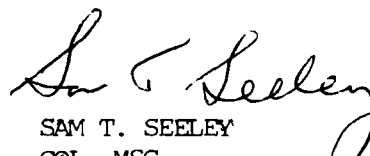
e. submitting the survey sheets to the Administrative Resident no later than (NLT) 8 May 1985,

f. retaining a copy of the survey sheets in their office file for three months.

4. Instructions and an example of the WRAMC Provider Time Sheet are attached at Inclosure 3.

5. Your support in this endeavor is strongly encouraged and will be follow with my close, personal interest.

3 Encls
as


SAM T. SEELEY
COL. MSC
Chief of Staff

Definitions

Operating Assigned Hours - Operating assigned hours are the normal duty hours prescribed for an individual while assigned to a military unit.

Available Time - Available time (AT) is the volume of assigned man-hours dedicated to the performance of primary duties. This is computed by subtracting the nonavailable hours from the assigned hours.

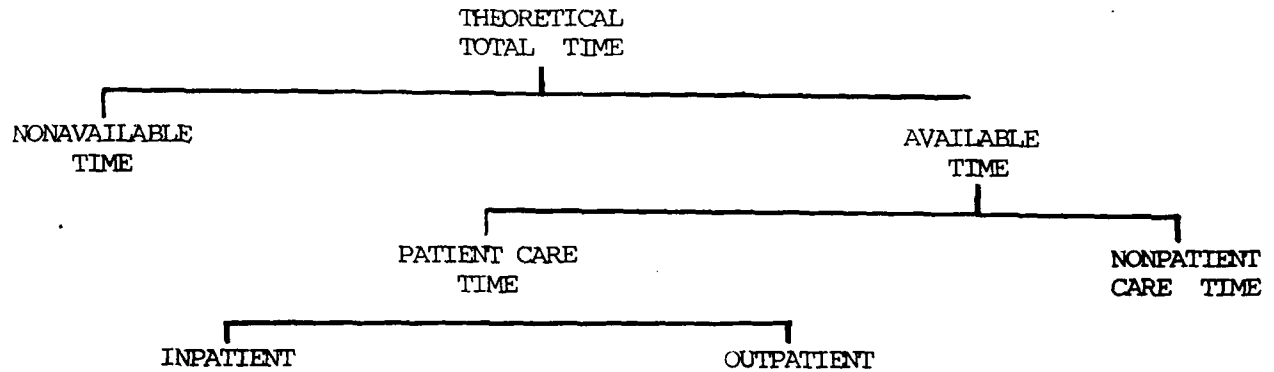
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Nonpatient Care Time - Nonpatient care time (NPCT) is comprised of the volume of AT that is not involved with inpatient or outpatient care time. Examples of NPCT include medical research, teaching and training.

Patient Care Time - Patient care time (PCT) is comprised of physical or sensory interaction with patients, having a direct bearing on their needs. Also included are patient-centered activities performed away from the patient such as: medical orders, planning care, assessing needs and preparation of medication.

SOURCE: David F. Alexander and A. David Mangelsdorf, Nonproductive Factor Allowance (Pilot Study). U.S. Army Health Care Studies and Clinical Investigation Activity, Ft. Sam Houston, Texas. Report #80-002, 1980, pp. 83-85.

PROVIDER TIME ALLOCATION



EXAMPLES

Nonavailable Time:

- In/Out Processing
- Military Organizational Related Activities
- Loaned Time
- Authorized Absence
- Medical/Dental Absence
- Military Training/Teaching
- Duty Roster (Except Patient Care Related)
- Military Courts/Boards/Committees
- Travel
- Miscellaneous

Nonpatient Care Time:

- Medical Training/Teaching
- Medically Related Committees/Boards/Meetings
- Medical Research
- Medical Administration
- Consulting

Patient Care Time:

- Inpatient Care Time
- Outpatient Care Time

Adapted: James M. King; Donald C. O'Brien; and A. D. Mangelsdorf,
Development of a Nonpatient Care Model for the Performance Measurement Study. U. S. Army Health Care Studies and Clinical Investigation Activity, Fort Sam Houston, Texas, Presentation Paper, 11 - 15 June 1984.

WRAMC PROVIDER TIME SURVEY--INSTRUCTIONS

1. Purpose:

The Commander of Walter Reed Army Medical Center (WRAMC) wishes to determine the amount of manpower, by category, that military officer health care providers perform at Walter Reed. These categories are nonavailable time (NAT), patient care time (PCT), and nonpatient care time (NPCT).

The purpose, therefore, of this study is to identify how much time is spent by WRAMC health care providers in each of the above categories through the use of a WRAMC Provider Time Sheet. This survey form is a modified version of the Uniform Staffing Methodologies Manpower Availability Report (HSC Form 346-R). The survey will be conducted only during the period of 1 - 30 April 1985.

2. Procedures:

A Provider Time Survey form should be filled out by each military officer health care provider involved in patient care, medical research, and medical training who is assigned to WRAMC during all or part of the month of April 1985. The completed form should be returned to your designated key person, _____, no later than 6 May 1985. A sample survey sheet is shown on the reverse of these instructions. This survey will only be conducted during a one-month period, so your cooperation is urged.

The survey forms are to be completed in the same manner as the Uniform Staffing Methodologies Manpower Availability Report (HSC Form 346-R). The forms should be completed in $\frac{1}{4}$ hour increments.

WRAMC PROVIDER TIME SURVEY

DATE:

PREPARER NAME AND TELEPHONE NUMBER:

FROM: DEPT. SERVICE

TO:

EMPLOYEE NAME:

SSI:

BRANCH:

GRADE:

TOA PARA
LINE NO:

DAY OF MONTH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
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ORGANIZATIONAL DUTIES																																
MEDICAL ADMINISTRATION																																
LOANED TIME																																
MISCELLANEOUS																																

DEFINITIONS

Medical/Dental Absence	medical/dental appointments hospitalized convalescence sick call dependent illness	
Authorized/Unauthorized Absence:	terminal leave emergency leave regular leave civilian courts training holiday compensatory time	voting time holiday time day off/pass AWOL failure to report for duty
PCS Processing:	inprocessing time orientation	outprocessing time house hunting
Duty Roster:	AOD/SDO (does not include MOD)	
Travel Time:	Time spent in travel to conferences, continuing education, committees, consultation, teaching, etc. Includes travel time while TDY.	
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Medical Training/Teaching:	Teaching and training that is either given or received. Includes continuing education, speeches, conferences, etc.	
Military Meetings/Boards/Committees:	Those not related to health care.	
Loaned to other Organizations:	Loaned to a work center external to WRAMC (OTSG/HSC/USUHS/other MEDCEN or MEDDAC).	
Consultation:	Consultation not involved in work center (i.e. consultation work for OTSG/HSC).	
Medical Administration:	Administrative duties required of the work center.	
Miscellaneous:	Any function that does not fall in the above categories.	

APPENDIX G
GLOSSARY OF ABBREVIATIONS

GLOSSARY OF ABBREVIATIONS

PCT	- Patient Care Time
NPCT	- Non-Patient Care Time
NAT	- Non-Available Time
TT	- Total Time
DP	- Department
SV	- Service
RK	- Rank
BR	- Branch
SSI	- Specialty Skill Identifier (see Appendix)
ALLERIM	- Department of Allergy and Immunology
CLIN/NV	- Department of Clinical Investigation
DPCCM	- Department of Primary Care and Community Medicine
PATH	- Department of Pathology and Area Laboratory Service
OBGYN	- Department of Obstetrics/Gynecology
PSYCH	- Department of Psychiatry
RAD	- Department of Radiology
PREVMED	- Directorate of Preventive Medicine
SWS	- Social Work Service
NEURO	- Neurology Service
HQ	- Headquarters
DON	- Department of Nursing
WD	- Ward
RR	- Recovery Room
NETS	- Nursing Education Service
ER	- Emergency Room
CMS	- Central Material Supply
CNS	- Clinical Nursing Service
OR	- Operating Room
ANES	- Anesthesiology
NRS	- Nursing Research Service
APC	- Ambulatory Patient Care
DOM/MED	- Department of Medicine
GEN MED	- General Medicine Service
CARD	- Cardiology Service
DERM	- Dermatology Service
GASTRO	- Gastroenterology Service
PULMOIS	- Pulmonary Disease Service
INF	- Infectious Disease Service
HEMONC	- Hematology-Oncology Service
ENDO	- Endocrine and Metabolic Service
NEPHRO	- Nephrology Service
RHEUMO	- Rheumatology Service
AMB	- Ambulatory/Emergency Medicine

DOS/SURG	-	Department of Surgery
GEN	-	General Surgery Service
THOR	-	Thoracic Surgery Service
ANES	-	Anesthesiology and Operatory Service
NEURO	-	Neurosurgery Service
OPTH	-	Ophthalmology Service
ENT	-	Otolaryngology Service
AUDIO	-	Audiology and Speech Center
ORTHO	-	Orthopaedic Service
PLASTIC	-	Plastic Surgery Service
URO	-	Urology Service
ORG	-	Organ Transplant Service
PERI	-	Peripheral Vascular Service

PHYSMED	-	Department of Physical Medicine and Rehabilitation Service
PHYSMED MD	-	Consulting and Diagnostic
PT	-	Physical Therapy
OT	-	Occupational Therapy

APPENDIX H
GLOSSARY OF CODES

GLOSSARY OF CODES

- I-1 - Inpatient Care Provided
- I-2 - Outpatient Care Provided
- I-3 - Medical Training/Teaching
- I-4 - Military Mandatory
- I-5 - Travel Time
- I-6 - Research
- I-7 - Duty Roster
- I-8 - Medical Meetings/Boards/Committees
- I-9 - Military/Non-medical/Meetings/Committees
- I-10 - Consulting
- I-11 - Medical/Dental Absence
- I-12 - Authorized Absence
- I-13 - PCS Processing
- I-14 - Organizational Duties
- I-15 - Medical Administration
- I-16 - Loaned Time
- I-17 - Miscellaneous

- I-1/2 Patient Care Time
- I-3/6/8/10/15 Non-Patient Care Time
- I-4/5/7/9/11/12/13/14/16/17 Non-Available Time

A - ALLERIM

B - CLININV

C - DON

D - DPCCM

E - HQ

F - MED

G - NEURO

H - OBGYN

I - PATH

J - PED

K - PHYSMED

L - PREVMED

M - PSYCH

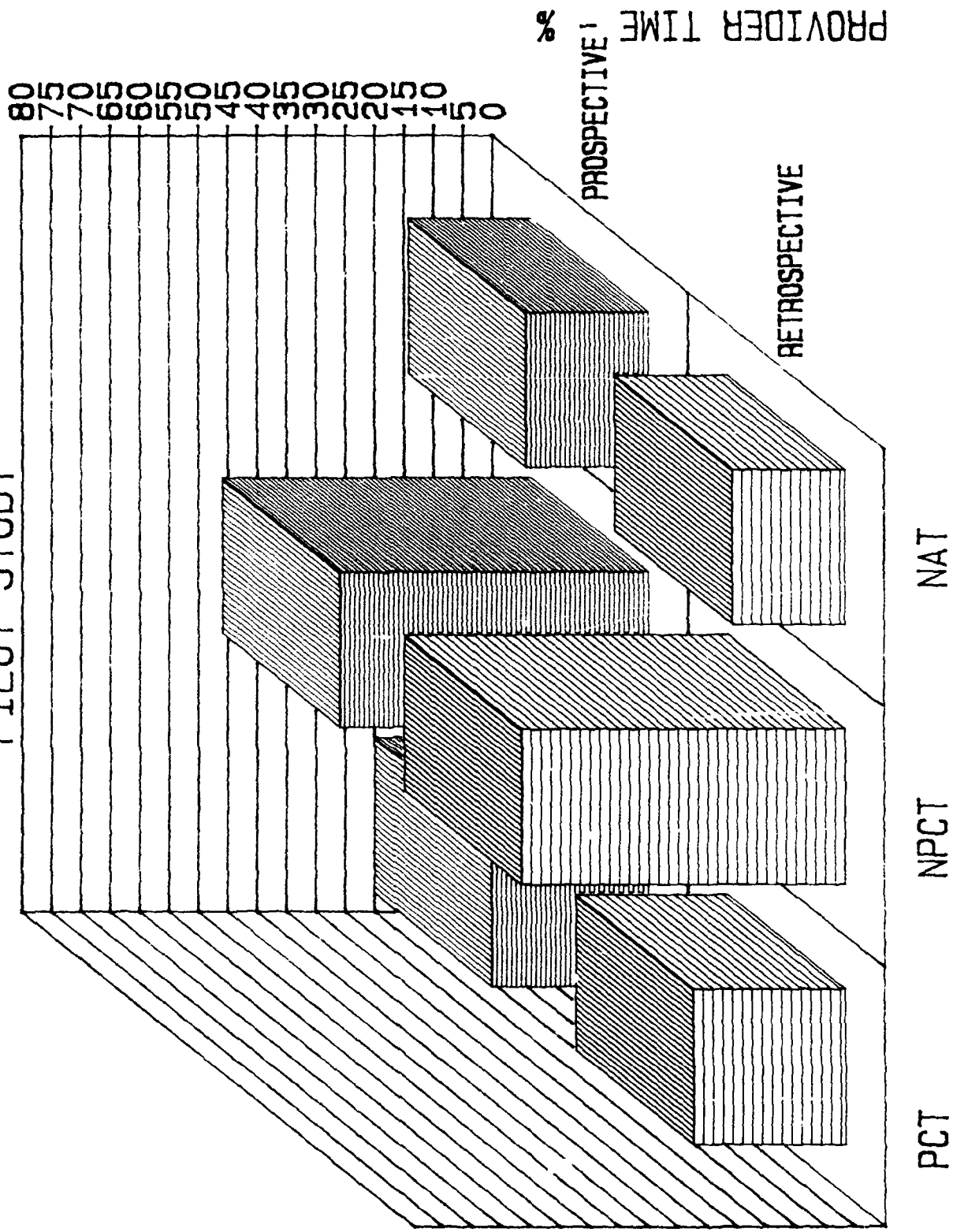
N - RAD

O - SURG

P - SWS

APPENDIX I
PILOT STUDY RESULTS

PILOT STUDY



PILOT STUDY

	<u>$\bar{x}$- Retrospective</u>	<u>$\bar{x}$-Prospective</u>	<u>Correlation</u>	<u>t</u>
PCT	26.06	26.82	.80	4.99
NPCT	54.88	52.26	.70	3.67
NAT	19.56	21.50	.83	5.58

To see if the value of the correlation coefficient (r) is of sufficient magnitude to indicate that the retrospective study and prospective study are of sufficient magnitude to indicate that the variables of interest are correlated, we test the hypothesis:

$$H_0 : P = 0$$

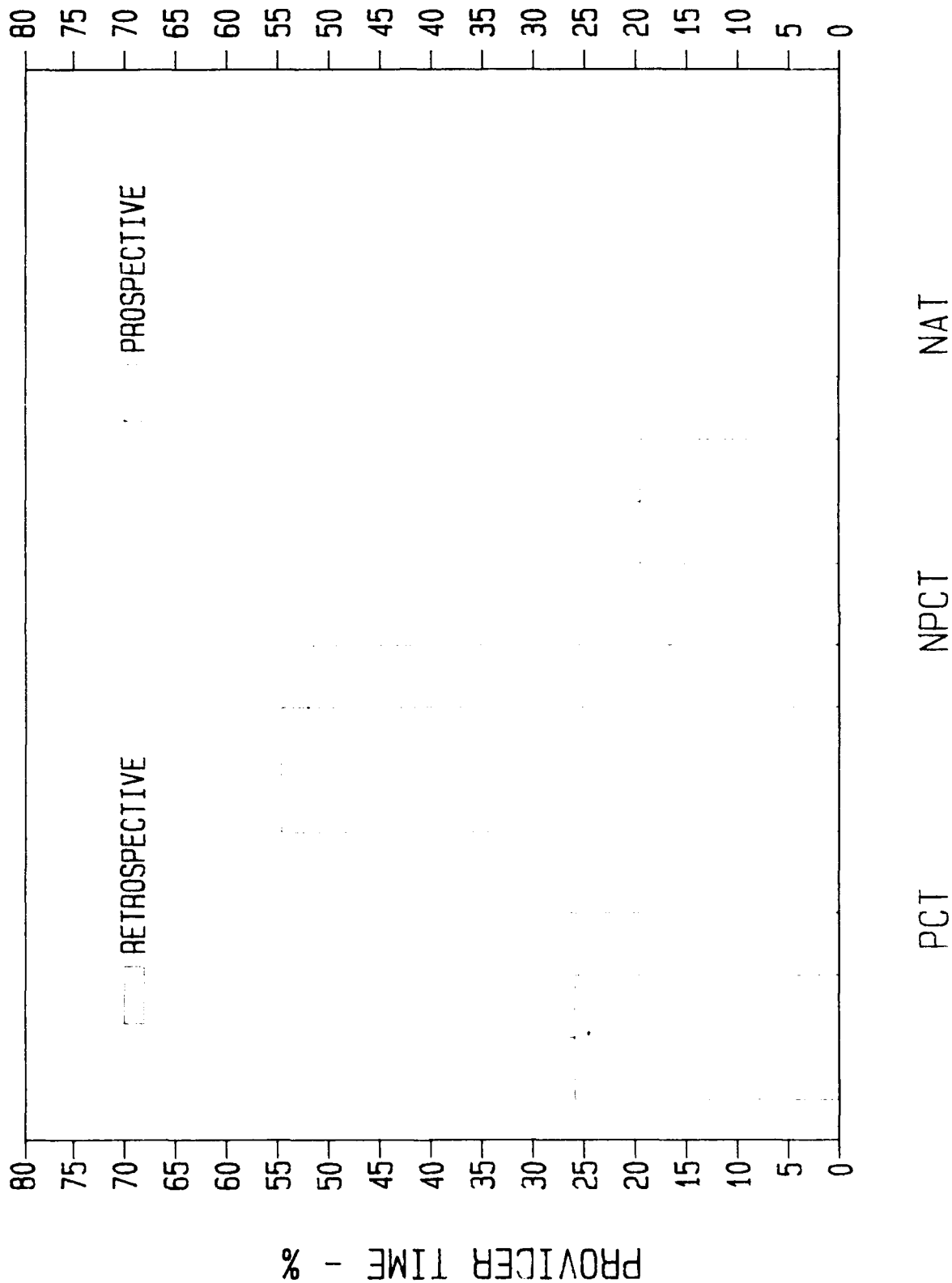
$$H_a : P \neq 0$$

If we let $\alpha = .05$, the critical values of t are ± 2.1448 . The calculated values of t , using a t Distribution Table, are:

$$5.58 > 4.99 > 3.61 > 2.1448$$

Since all values of t exceed the critical value of t , we reject the null hypothesis and conclude that the studies are correlated in all three categories of provider time.

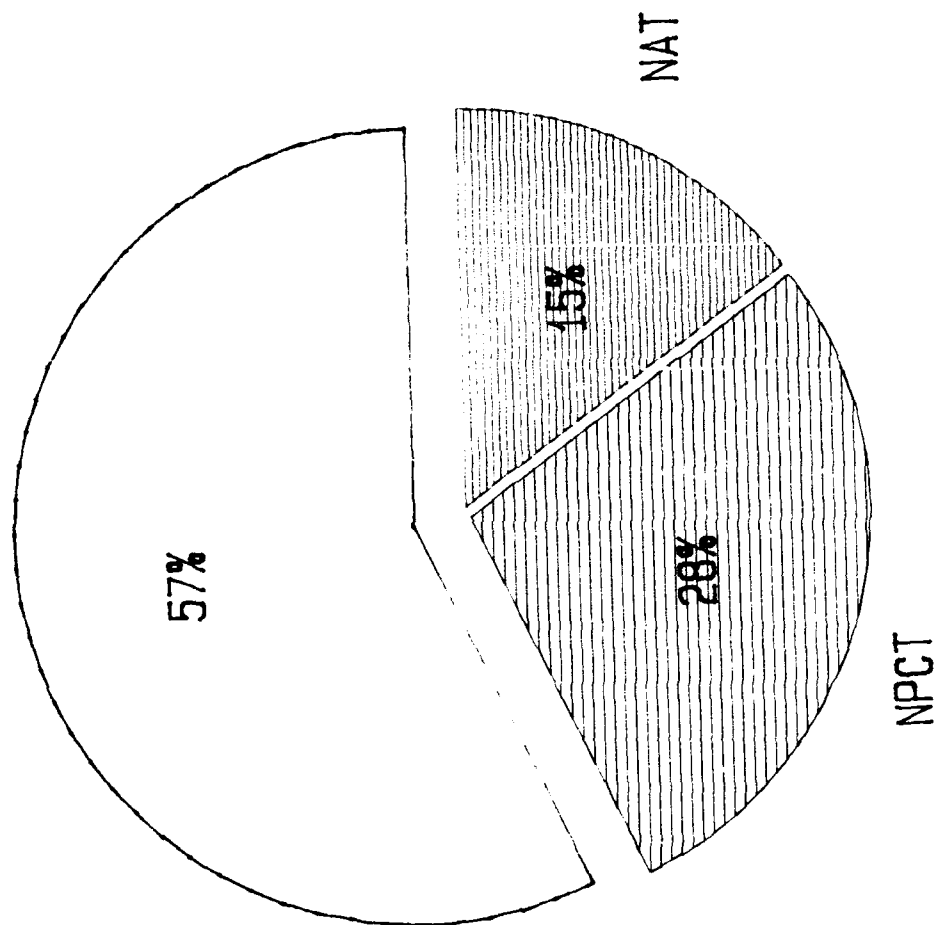
PILOT STUDY



APPENDIX J

PROVIDER TIME - HOSPITAL

ALL CORPS
PCT



PROVIDER TIME - HOSPITAL

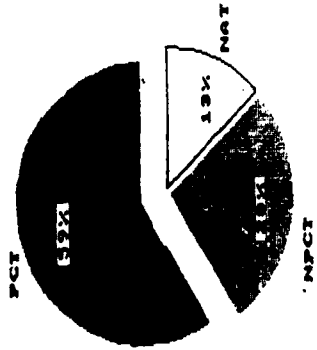
13.59 THURSDAY, JUNE 13, 1985

VARIABLE	%	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
PCT	43.57	725	131.42848276	87.77015028	0.00000000	528.00000000	3.25970155	95285.65000	7703.5992808	66.
NPCT	27.23	725	62.74586207	53.31559832	0.00000000	298.50000000	2.05436975	45490.75000	3059.8154179	88.
NAT	15.73	725	36.25558621	38.24127306	0.00000000	184.00000000	1.42024523	26285.30000	1462.3949653	105.
TT		725	230.42993103	62.49061455	36.00000000	554.00000000	2.32084316	167061.70000	3905.0769068	27.

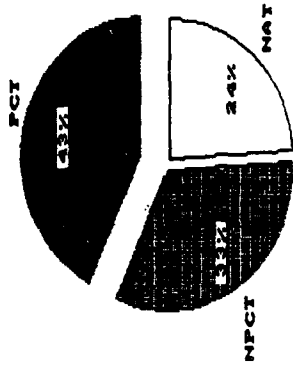
APPENDIX K

PROVIDER TIME BY CORPS

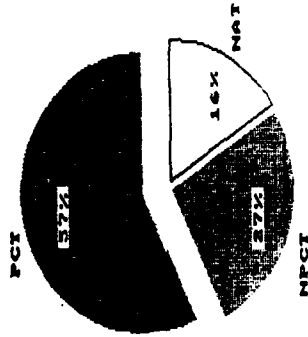
MEDICAL CORPS



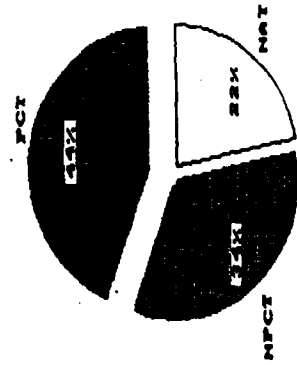
MEDICAL SERVICE CORPS



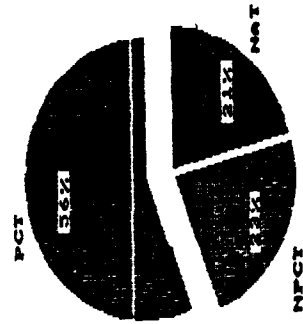
ALL CORPS



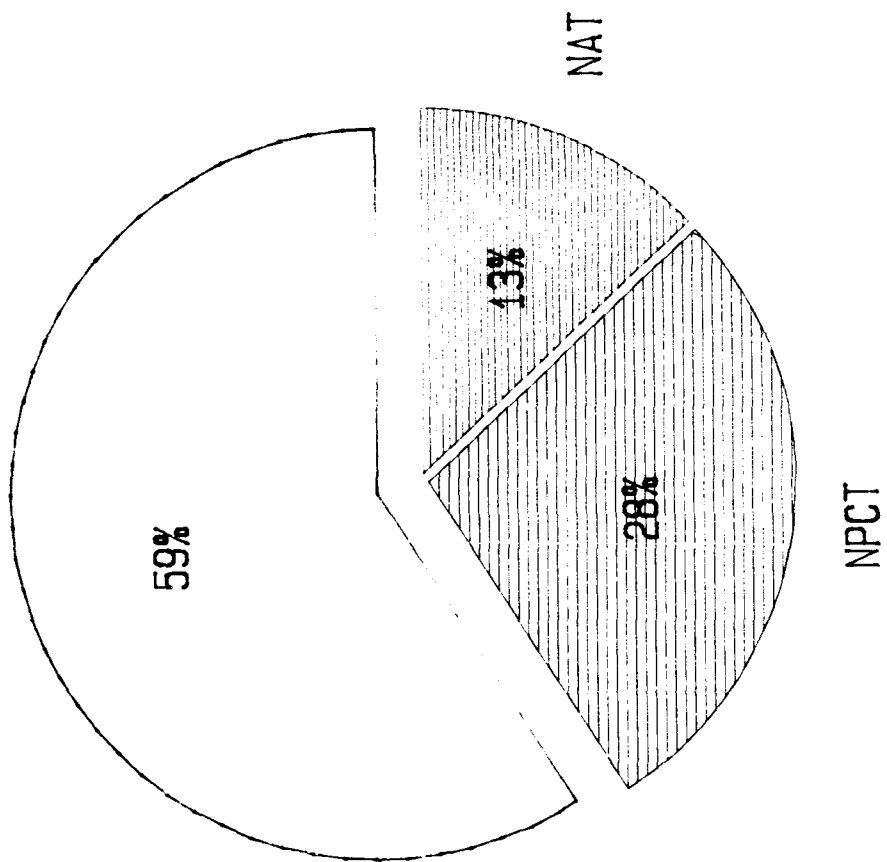
ARMY MEDICAL SPECIALIST CORPS



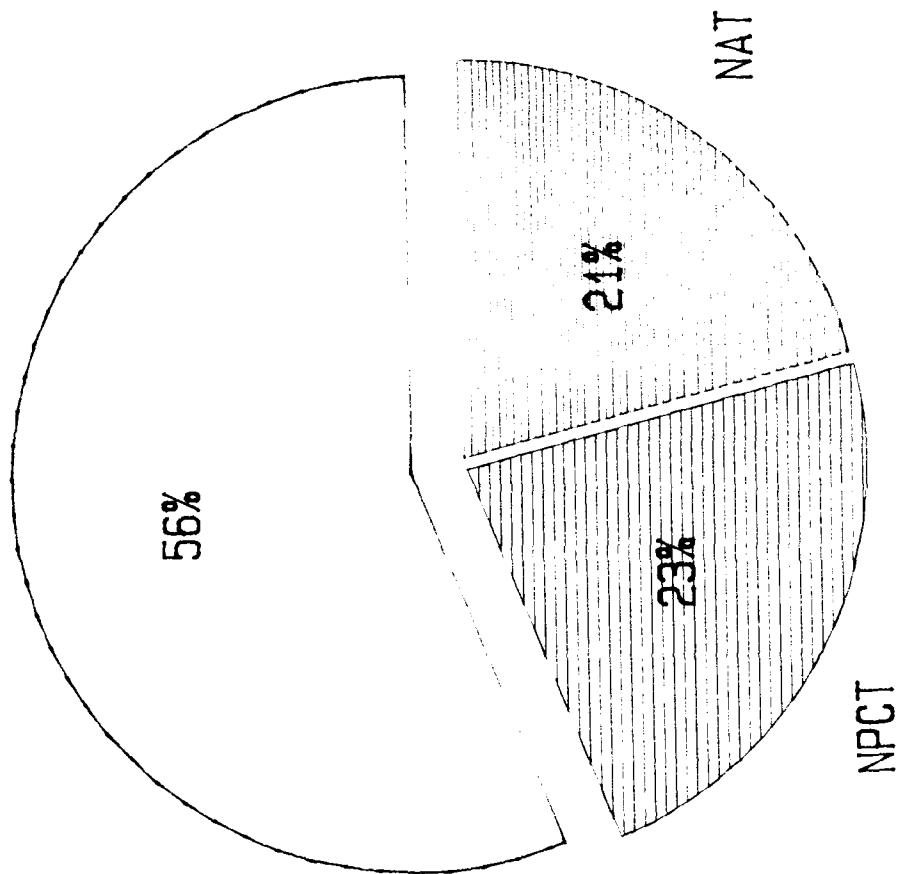
ARMY NURSE CORPS



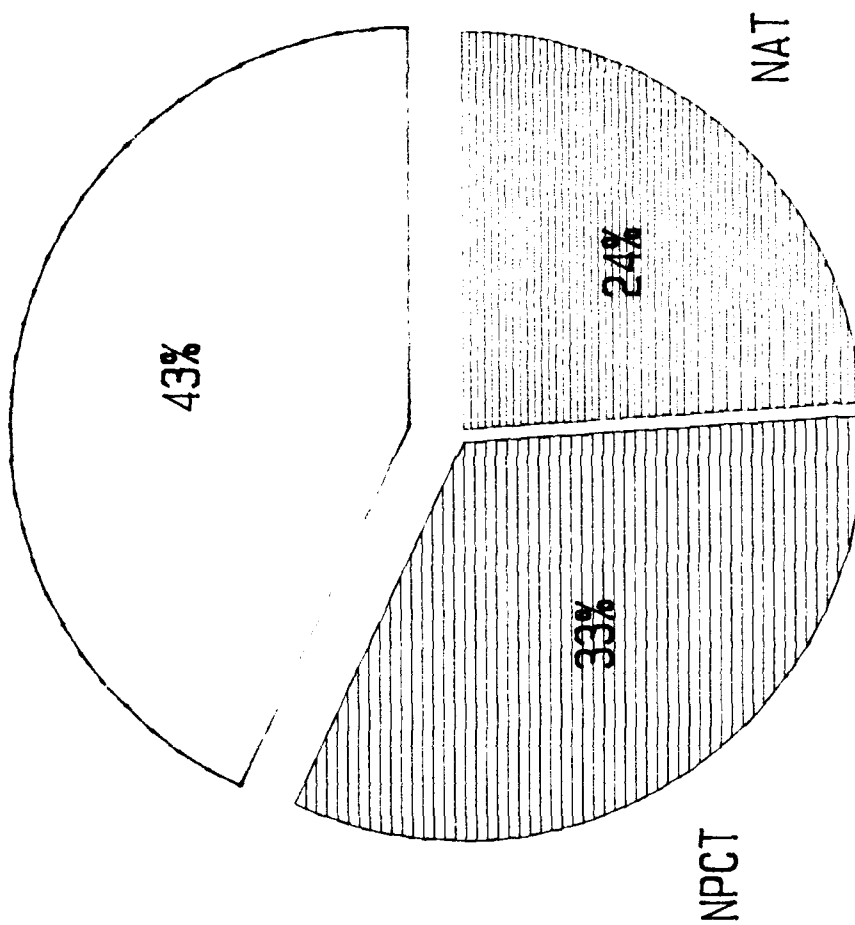
MEDICAL CORPS
PCT



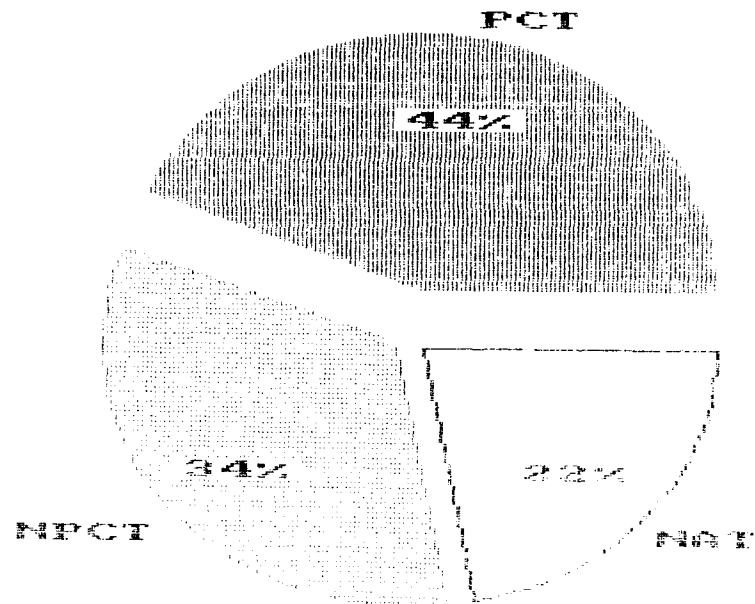
ARMY NURSE CORPS
PCT



MEDICAL SERVICE CORPS
PCT



ARMY MEDICAL SPECIALIST CORPS



13 50 TUESDAY, JUNE 11, 1985

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
BR=AMSC									
PCT	44.07	87.30600000	39.31524078	6.00000000	167.00000000	8.79115509	1746.00000000	1543.6881579	45.032
NPCT	34.36	68.07500000	38.96634006	12.00000000	144.50000000	8.71313852	1361.50000000	1518.3756579	57.240
NAT	21.57	42.73750000	26.79079219	2.00000000	99.00000000	5.99060325	854.75000000	717.7469461	62.887
TT	20	158.11250000	14.66904075	182.00000000	234.50000000	3.28009723	3962.25000000	213.1807566	7.404
BR=ANC									
PCT	55.50	109.43934783	62.87647509	0.00000000	213.50000000	4.14593199	25171.050000	3953.4511197	57.453
NPCT	23.40	46.13043478	60.75284463	0.00000000	298.50000000	4.00592395	10610.000000	3690.9081308	131.690
NAT	21.10	41.60239130	40.17423658	0.00000000	184.00000000	2.64571513	9568.550000	1609.9599659	96.447
TT	230	197.17217391	33.25511826	87.50000000	328.50000000	2.19277756	45349.600000	1105.9028904	16.866
BR=MC									
PCT	58.94	149.07995444	97.74645649	0.00000000	528.00000000	4.66518384	65446.10000	9554.3697571	65.366
NPCT	28.21	71.34396355	51.45620753	0.00000000	239.00000000	2.45587079	31320.00000	2647.7412934	72.124
NAT	12.86	32.51823323	37.46599994	0.00000000	176.00000000	1.78819462	14275.50000	1403.7011512	115.215
TT	439	252.94214123	67.34008226	36.00000000	554.00000000	3.21396677	111041.60000	4534.6866790	26.623
BR=MSC									
PCT	43.57	81.18055556	47.82440393	0.00000000	161.50000000	7.97073399	2922.5000000	2287.1736111	58.911
NPCT	32.78	61.09027778	49.2547326	0.00000000	162.00000000	8.20912888	2199.2500000	2426.0326885	80.626
NAT	23.65	44.06944444	36.20978612	1.00000000	146.00000000	6.03496435	1586.5000000	1311.1486111	82.165
TT	36	186.34027778	21.37489789	117.00000000	236.50000000	3.56248298	6708.2500000	456.8862599	11.471

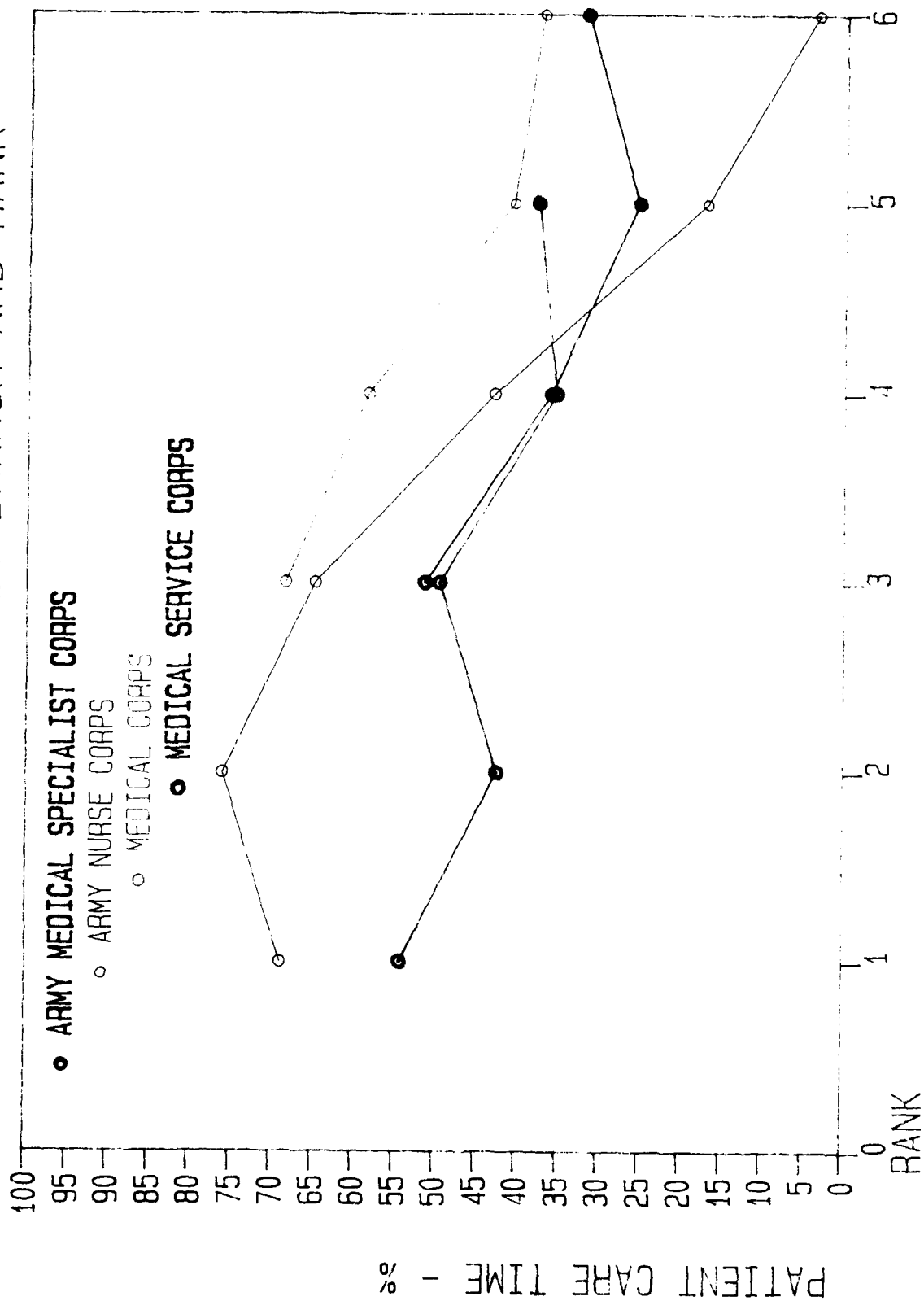
PROVIDER TIME - - TOTAL

PCT	43.57	725	131.4285
NPCT	27.23	725	62.7459
NAT	15.73	725	230.4229

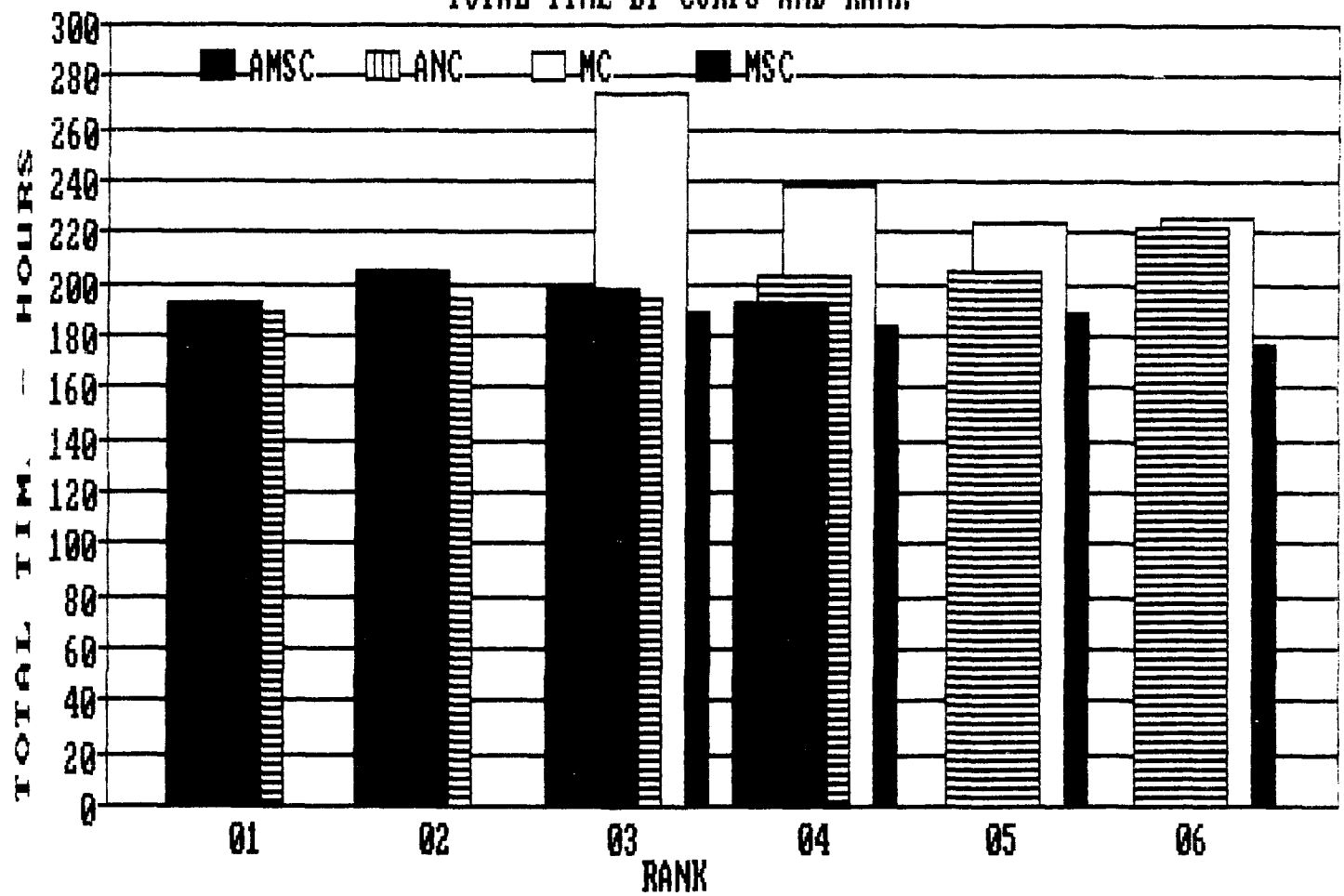
APPENDIX L

PROVIDER TIME BY CORPS/RANK

PATIENT CARE TIME BY BRANCH AND RANK



TOTAL TIME BY CORPS AND RANK



TOTAL TIME BY CORPS/RANK

<u>Rank</u>	<u>AMSC</u>	<u>ANC</u>	<u>MC</u>	<u>MSC (hours)</u>
01	193	188	---	---
02	204	194	---	---
03	198	194	274	188
04	192	203	239	184
05	199	205	224	189
06	---	223	226	176

PROVIDER TIME BY BRANCH/RANK

14 16 THURSDAY, JUNE 6, 1985

VARIABLE	%	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
BR=AMSC RK=01										
PCT	54.15	1	104 50000000		104 50000000	104 50000000		104 50000000		
NPCT	16.06	1	31 00000000		31 00000000	31 00000000		31 00000000		
NAT	29.79	1	57 50000000		57 50000000	57 50000000		57 50000000		
TT		1	193 00000000		193 00000000	193 00000000		193 00000000		
BR=AMSC RK=02										
PCT	42.14	2	85 83333333	30 52185010	63 00000000	120 50000000	17 62179837	257 50000000	931 58333333	35 150
NPCT	31.91	2	65 00000000	42 35853827	21 00000000	105 50000000	24 45574234	195 00000000	1794 25000000	65 167
NAT	25.94	2	52 83333333	42 97169004	14 00000000	99 00000000	24 80983228	158 50000000	1246 58333333	81 152
TT		2	203 66666667	27 21255079	183 00000000	234 50000000	15 71181436	611 00000000	740 58333333	13 162
BR=AMSC RK=03										
PCT	49.26	3	97 64444444	35 19933249	55 75000000	167 00000000	11 73312750	879 25000000	1238 9965278	30 030
NPCT	34.64	3	68 64444444	39 18032634	12 00000000	120 75000000	13 06027545	618 25000000	1535 1371528	57 032
NAT	16.09	3	31 91666667	19 05214893	2 00000000	50 50000000	6 35071628	287 25000000	362 9843750	59 692
TT		3	198 30555556	11 74187071	184 25000000	217 75000000	3 91395690	1784 75000000	137 8715278	5 921
BR=AMSC RK=04										
PCT	35.16	3	67 50000000	22 22045604	42 50000000	85 00000000	12 82900260	202 50000000	493 75000000	32 110
NPCT	39.89	3	75 58333333	59 53117970	23 50000000	144 50000000	34 36456912	229 75000000	3942 7708333	77 121
NAT	24.96	3	47 91666667	23 46743217	16 50000000	72 00000000	16 43559118	143 75000000	810 3958333	59 110
TT		3	192 00000000	10 82820391	182 00000000	203 50000000	6 25165644	576 00000000	117 25000000	5 940
BR=AMSC RK=05										
PCT	37.90	3	75 58333333	67 33851217	6 00000000	121 00000000	30 66940609	302 25000000	1534 5156250	89
NPCT	36.05	3	71 87500000	37 47304587	17 50000000	102 50000000	18 73652293	287 50000000	1404 2291667	52
NAT	26.05	3	51 97500000	33 77762926	8 00000000	90 00000000	16 88884463	207 75000000	1140 9322917	65
TT		3	197 37500000	18 55001452	184 00000000	224 25000000	9 27502246	197 50000000	344 1041667	9
BR=AMSC RK=01										
PCT	68.61	41	129 17652920	44 65225075	41 00000000	204 00000000	6 97375586	5246 25000000	1493 9663872	34 162
NPCT	10.31	41	19 4143415	21 64743127	0 00000000	78 00000000	3 38075078	793 00000000	168 6112809	111 101
NAT	21.07	41	39 67622927	35 96181492	0 00000000	140 50000000	5 77245568	1626 75000000	1366 1757622	93 157
TT		41	168 26825269	32 73152157	87 50000000	264 50000000	5 11185639	7719 00000000	1091 3793445	17 164
BR=AMSC RK=02										
PCT	75.65	37	147 31351251	41 69157364	0 00000000	191 00000000	6 85403249	5437 50000000	1738 1873123	28 157
NPCT	8.41	37	16 53753784	27 57031517	0 00000000	150 00000000	4 53253189	504 50000000	60 1222785	168 151
NAT	15.94	37	30 97972973	38 22231979	0 00000000	147 00000000	6 28372827	1146 25000000	1460 9839527	123 181
TT		37	104 25103102	32 86215407	115 50000000	295 00000000	5 40251143	1190 25000000	1079 9237988	16 110
BR=AMSC RK=03										
PCT	64.65	49	125 56333524	52 67443072	0 00000000	200 00000000	6 38770971	9538 50000000	2174 9928075	41 151
NPCT	13.91	49	27 01832225	43 51453228	0 00000000	184 00000000	5 27691073	1937 25000000	1893 5136496	161 151
NAT	21.44	49	41 63676471	43 49077870	0 00000000	147 00000000	5 27403136	2831 30000000	1591 4476580	104 151
TT		49	194 21818229	31 83273086	104 75000000	301 50000000	3 86028564	13206 85000000	1013 3227541	16 151

PCT - PATIENT CARE TIME
NPCT - NONPATIENT CARE TIME
NAT - NON-AVA
TT - TOTAL TIME
BR - BRANCH
RK - RANK

14 16 THURSDAY, JUNE 6, 1985

SAS

VARIABLE	%	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
BR=ANC RK=04										
PCT	42.68	52	85 51612503	64 89671603	0 00000000	213 50000000	8 24189118	5364 000000	4211 5837520	75
NPCT	34.45	52	69 53054516	62 41897703	0 00000000	224 00000000	7 93101531	4329 500000	3899 8622422	89
NAT	22.87	52	45 21677418	37 02423974	0 00000000	184 00000000	4 70208569	2873 500000	1370 7958091	79
TT		52	202 8955463	29 7792375	155 00000000	302 50000000	3 78189772	12567 000000	886 7283184	14
BR=ANC RK=05										
PCT	17.22	13	35 23076923	55 77853956	0 00000000	154 50000000	15 47025842	458 0000000	3111 2756410	158
NPCT	62.37	13	127 57652315	66 79834653	10 00000000	253 00000000	18 51557263	1658 5000000	4456 7435897	52
NAT	20.41	13	41 73076923	37 30539247	2 50000000	134 00000000	10 34665426	542 5000000	1391 6923077	89
TT		13	204 5387615	36 38935517	160 00000000	310 00000000	10 09259400	2659 0000000	1324 1858974	17
BR=ANC RK=06										
PCT	3.74	7	8 33533332	10 04927551	0 00000000	26 00000000	3 34925854	75 0000000	101 0000000	120
NPCT	68.95	7	153 80555552	92 54853265	0 00000000	298 50000000	30 84951090	1384 2500000	8565 2309028	60
NAT	27.31	7	60 91655667	56 24851105	0 00000000	172 00000000	18 74953703	548 2500000	3163 9062500	92
TT		7	220 05557556	51 03644235	176 00000000	328 50000000	17 02881432	2007 5000000	3609 8246528	22
BR=MC RK=03										
PCT	68.44	218	187 94734771	102 00132755	0 00000000	528 00000000	6 90840162	40972 500000	10404 270822	54
NPCT	20.23	218	55 5554587	47 57135502	0 00000000	239 00000000	3 22193872	12111 000000	2263 033822	85
NAT	11.33	218	31 12874037	41 19459875	0 00000000	176 00000000	2 79029606	6786 000000	1697 184464	132
TT		218	271 6373394	73 26265230	150 00000000	554 00000000	4 96197496	59869 500000	9367 420618	26
BR=MC RK=04										
PCT	58.05	103	138 56650425	85 31979443	0 00000000	481 50000000	8 50533291	14272 350000	3451 1259014	62
NPCT	29.60	103	70 66622104	49 72901862	0 00000000	200 00000000	4 89495171	7278 250000	2472 9812607	70
NAT	12.34	103	25 45355223	33 33704494	0 00000000	176 00000000	3 28479269	3034 750000	1111 3538919	113
TT		103	232 69271815	61 05692850	163 00000000	506 00000000	6 01612187	24585 350000	3727 9534023	25
BR=MC RK=05										
PCT	40.59	50	90 78833333	51 50053151	7 00000000	212 00000000	6 64872482	5454 500000	2552 2325565	56
NPCT	44.41	50	72 46655667	40 9289747	19 50000000	214 50000000	5 28363742	5963 000000	1675 0094633	41
NAT	14.99	50	32 57830000	30 61053795	0 00000000	118 00000000	3 95183099	2014 500000	937 0133475	91
TT		50	226 95010000	39 00556003	163 50000000	356 00000000	5 03818330	13437 000000	1722 9974576	17
BR=MC RK=06										
PCT	36.81	57	83 27631579	59 43173951	0 00000000	247 00000000	7 87187322	4746 750000	3532 0841165	71
NPCT	44.87	57	101 51315789	52 23201196	0 00000000	222 00000000	6 91830297	5786 250000	3728 1862077	51
NAT	18.33	57	41 45559823	35 24009943	0 00000000	172 00000000	4 58095922	2363 750000	1248 7197995	85
TT		57	226 21877193	49 43931085	26 00000000	319 00000000	6 54839669	12896 750000	3444 2454574	21
BR=MC RK=08										
PCT		1	0 00000000		0 00000000	0 00000000		0 00000000		
NPCT	69.76	1	176 50000000		176 50000000	176 50000000		176 50000000		
NAT	30.24	1	76 50000000		76 50000000	76 50000000		76 50000000		
TT		1	253 00000000		253 00000000	253 00000000		253 00000000		

14 16 THURSDAY, JUNE 2, 1985

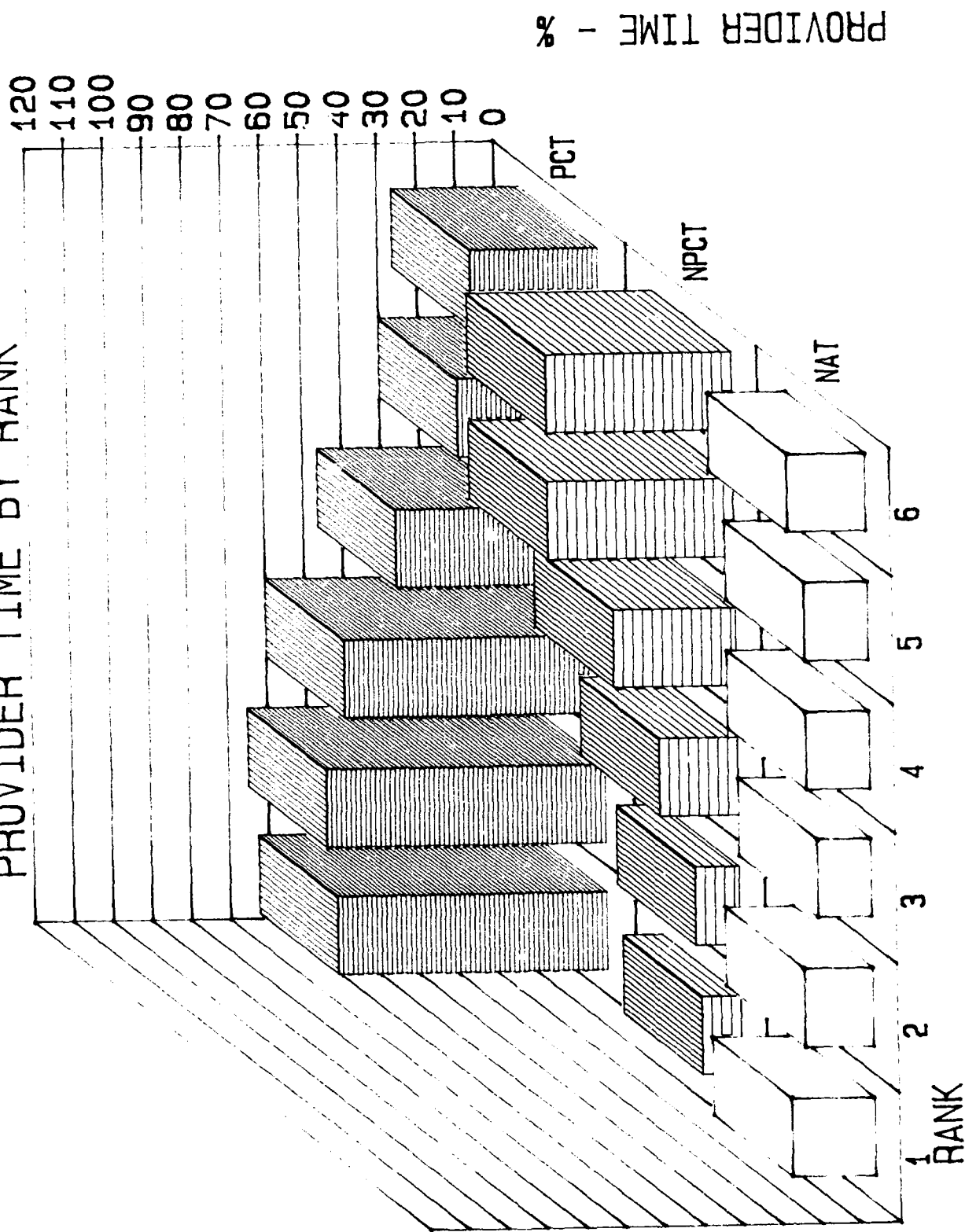
SAS

VARIABLE	%	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD. ERROR OF MEAN	SUM	VARIANCE	C.V.
RK=02										
PCT	4.63	1	8 50000000		8 50000000	8 50000000		8 50000000		
NPCT	40.95	1	75 25000000		75 25000000	75 25000000		75 25000000		
NAT	54.42	1	100 00000000		100 00000000	100 00000000		100 00000000		
TT		1	183 75000000		183 75000000	183 75000000		183 75000000		
RK=03										
PCT	51.44	23	96 67371301	41 85135572	11 00000000	161 50000000	8 72651237	2223 50000000	1751 5365613	43
NPCT	28.58	23	53 71737130	45 63635098	0 00000000	162 00000000	9 72429092	1235 50000000	3174 9221838	86
NAT	19.98	23	37 5437826	35 59037679	1 00000000	146 00000000	7 62971892	863 50000000	1338 8900692	97
TT		23	187 93478261	24 93037822	117 00000000	236 50000000	5 17748760	4322 50000000	515 5466897	13
RK=04										
PCT	36.02	5	53 10000000	22 04027112	41 00000000	90 00000000	9 85697722	330 50000000	483 2000000	33
NPCT	28.99	5	53 20000000	51 25459976	7 50000000	121 50000000	22 92193272	266 00000000	727 0750000	96
NAT	34.99	5	67 20000000	36 16333318	9 50000000	94 00000000	16 17297128	321 00000000	1707 8250000	56
TT		5	153 50000000	8 67457579	127 00000000	187 00000000	3 87943295	317 50000000	15 2500000	4
RK=05										
PCT	25.28	1	47 8 000000	52 28820350	12 00000000	125 50000000	26 14413179	171 50000000	1714 9725000	109
NPCT	52.01	1	52 50000000	69 5411510	2 00000000	155 50000000	34 78205952	174 00000000	4227 1666667	70
NAT	22.71	1	43 00000000	27 73755701	8 50000000	176 00000000	13 86593151	172 00000000	167 5000000	64
TT		1	185 37500000	16 24487097	175 00000000	206 50000000	2 12243549	157 50000000	263 8958233	8
RK=06										
PCT	31.97	1	50 16666667	30 98506192	0 00000000	149 00000000	16 73675822	168 50000000	1558 9833333	144
NPCT	43.35	1	70 16666667	44 69433333	25 50000000	110 00000000	25 80428472	226 50000000	297 5933333	58
NAT	24.67	1	41 33333333	37 11241172	5 00000000	82 00000000	21 42687824	130 00000000	1777 9333333	40
TT		1	175 55555557	20 51751910	152 50000000	172 00000000	11 93354752	927 00000000	428 8433333	11

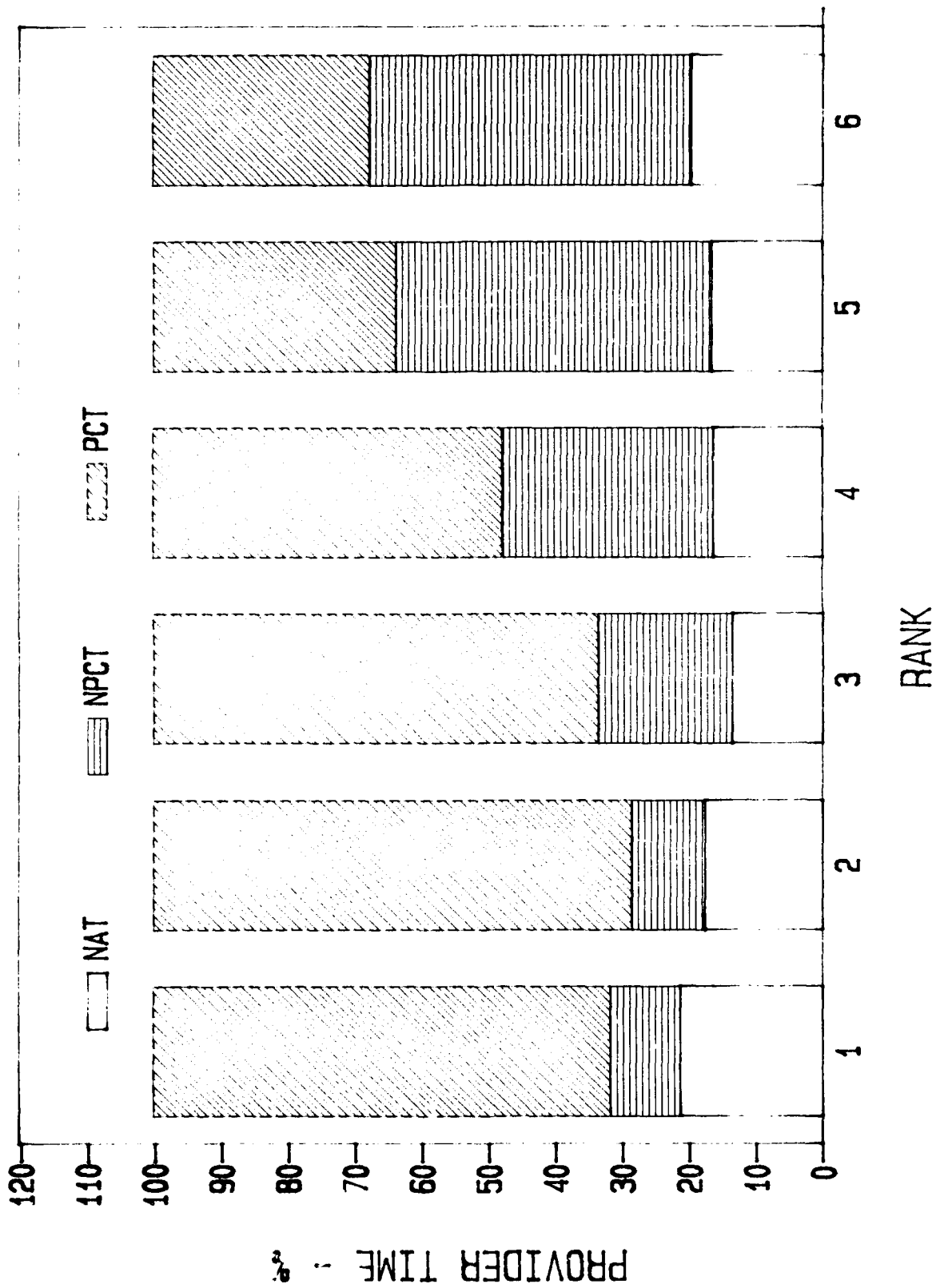
APPENDIX M

PROVIDER TIME BY RANK

PROVIDER TIME BY RANK



PROVIDER TIME BY RANK



PROVIDER TIME BY RANK

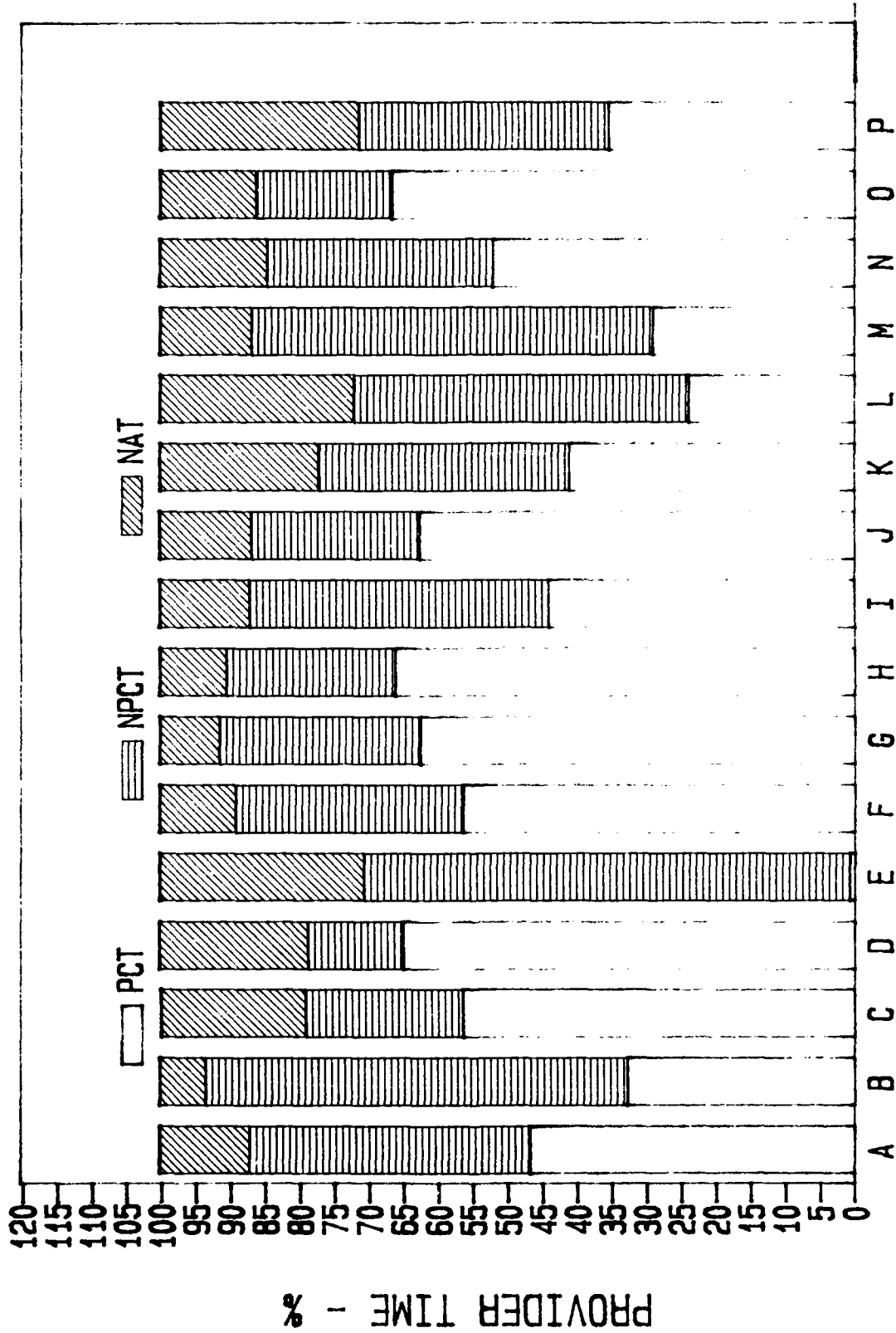
8.02 TUESDAY, JUNE 11, 1985

VARIABLE	%	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
RK=01										
PCT	68.26	42	128.53928371	44.26578727	41.00000000	204.00000000	6.83100734	5400.75000000	1959.8317726	34.42
NPCT	10.45	42	19.69017619	21.45640855	0.00000000	78.00000000	3.31079572	827.00000000	460.3774681	108.45
NAT	21.29	42	40.10119018	36.61171758	0.00000000	140.50000000	5.64931067	1684.25000000	1340.4178644	91.25
		42	183.38095239	32.33854059	87.50000000	264.50000000	4.98974516	7912.00000000	1045.7812137	17.12
RK=02										
PCT	71.45	41	157.15653659	48.04248628	0.00000000	191.00000000	7.50297581	5705.50000000	2308.0804878	34.24
NPCT	10.95	41	21.33536585	31.82120999	0.00000000	150.00000000	4.96963807	874.75000000	1012.5894055	149.12
NAT	17.59	41	34.26219512	37.38380660	0.00000000	147.00000000	6.15071723	1404.75000000	1551.0842226	114.24
		41	194.75609756	31.90789012	115.50000000	295.00000000	4.98316899	7985.00000000	1018.1108994	16.82
RK=03										
PCT	66.45	318	165.45141509	94.99628794	0.00000000	528.00000000	5.32712730	52613.55000000	9024.2947220	57.41
NPCT	19.96	318	49.69182390	47.79516622	0.00000000	239.00000000	2.68021983	15802.00000000	2284.3779140	96.12
NAT	13.60	318	33.86179245	41.02244628	0.00000000	176.00000000	2.30042456	10768.05000000	1682.8410987	121.42
		318	249.02503145	73.30550688	104.75000000	554.00000000	4.11077442	79183.60000000	5373.7122932	29.45
RK=04										
PCT	52.19	173	116.53553815	81.61340191	0.00000000	481.50000000	6.20495205	20159.35000000	6660.7473710	70.02
NPCT	31.32	173	69.96242775	54.41643400	0.00000000	224.00000000	4.13720487	12103.50000000	2761.1482894	77.02
NAT	16.49	173	26.83815029	35.69474248	0.00000000	184.00000000	2.71582102	6373.00000000	1274.1146407	96.92
		173	223.32641618	53.72532664	155.00000000	506.00000000	4.08467615	38645.85000000	2886.4322127	24.15
RK=05										
PCT	36.29	81	79.08950617	56.23205698	0.00000000	212.00000000	6.24800633	6406.25000000	3162.0442323	71.02
NPCT	47.07	81	102.56790129	47.90341866	2.00000000	253.00000000	5.32260207	8308.00000000	2294.7375193	46.02
NAT	16.64	81	25.25617281	31.56379887	0.00000000	134.00000000	3.50703876	2936.75000000	996.2733989	87.12
		81	217.91359029	38.19612547	160.00000000	356.00000000	4.24401394	17651.00000000	1458.9440008	17.12
RK=06										
PCT	32.34	69	72.32246377	61.38053951	0.00000000	247.00000000	7.38936065	4990.25000000	3767.5829071	84.07
NPCT	47.95	69	107.23188405	60.58254758	0.00000000	298.50000000	7.29358167	7399.00000000	3670.2450714	56.45
NAT	19.71	69	44.08695652	38.52937254	0.00000000	172.00000000	4.63839138	3042.00000000	1484.5125480	87.02
		69	223.61130435	49.39409494	36.00000000	328.50000000	5.94635026	15431.25000000	2439.7766145	22.02
RK=08										
PCT	00.00	1	0.00000000		0.00000000	0.00000000		0.00000000		
NPCT	69.76	1	176.50000000		176.50000000	176.50000000		176.50000000		
NAT	30.24	1	76.50000000		76.50000000	76.50000000		76.50000000		
		1	253.00000000		253.00000000	253.00000000		253.00000000		

APPENDIX N

PROVIDER TIME BY DEPARTMENT/SEPARATE SERVICE

PROVIDER TIME BY DEPT/SEPARATE SVC



DEPARTMENT / SEPARATE SERVICE

PROVIDER TIME BY DEPARTMENT / SEPARATE SERVICE

13:46 TUESDAY, JUNE 11, 1985

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
DP=ALLERIM									
PCT	46.65	8	102.09375000	50.17610727	26.00000000	191.00000000	17.739393285	816.7500000	2317.6417411
NPCT	40.30	8	88.18750000	44.96183898	36.00000000	158.00000000	15.89641062	705.5000000	2021.5669643
NAT	13.05	8	28.56250000	26.50330607	0.00000000	82.00000000	9.37104083	228.5000000	702.5312500
TT		8	218.84375000	37.45734181	182.00000000	281.75000000	13.24317020	1750.7500000	1403.0524554
DP=CLININV									
PCT	32.71	2	57.00000000	48.08326112	23.00000000	91.00000000	34.00000000	114.0000000	2312.0000000
NPCT	60.69	2	105.75000000	49.1432129	71.00000000	140.50000000	34.75000000	211.5000000	2415.1250000
NAT	6.60	2	11.50000000	16.26345997	0.00000000	23.00000000	11.50000000	23.0000000	264.5000000
TT		2	174.25000000	15.20279580	163.50000000	185.00000000	10.75000000	348.5000000	231.1250000
DP=DN									
PCT	56.36	222	111.51599099	62.69621312	0.00000000	213.50000000	4.20789431	24756.550000	3930.8151391
NPCT	22.89	222	45.29504505	61.07334344	0.00000000	298.50000000	4.0987443	10055.500000	3729.9532785
NAT	20.75	222	41.07004505	40.21597735	0.00000000	184.00000000	2.69911967	9117.550000	1617.3248339
TT		222	197.88108108	33.40909971	87.50000000	328.50000000	2.24227196	43929.600000	1116.1679436
DP=DPCCM									
PCT	54.92	23	126.97826087	48.15398555	16.50000000	194.00000000	10.04080008	2920.5000000	2318.8063241
NPCT	13.39	23	26.77173913	30.14924176	4.00000000	146.75000000	6.28655148	615.7500000	908.9767787
NAT	21.39	23	41.84782609	33.79573829	3.00000000	112.00000000	7.04689857	962.5000000	1142.1519269
TT		23	195.59782609	24.45833626	132.25000000	258.25000000	5.09970940	4498.7500000	598.2087451
DP=HG									
PCT	0.73	2	1.75000000	2.47487373	0.00000000	3.50000000	1.75000000	3.50000000	6.12500000
NPCT	69.81	2	168.25000000	11.66726189	160.00000000	176.50000000	8.25000000	336.5000000	136.12500000
NAT	28.46	2	71.00000000	7.77817459	65.50000000	76.50000000	5.50000000	142.0000000	60.50000000
TT		2	241.00000000	16.97056275	229.00000000	253.00000000	12.00000000	482.0000000	288.00000000
DP=MED									
PCT	56.31	104	138.06009615	93.84152164	0.00000000	374.00000000	9.20191827	14358.250000	8806.2311835
NPCT	32.67	104	80.10817308	48.90438914	0.00000000	193.00000000	4.79546989	8331.250000	2391.6392772
NAT	11.02	104	27.00721194	30.24897609	0.00000000	144.00000000	2.96615614	2808.750000	915.0005543
TT		104	245.17548077	62.78451629	146.00000000	447.00000000	6.15652834	25498.250000	3941.8954852
DP=NEURO									
PCT	62.50	23	138.70652174	95.90169126	0.00000000	333.00000000	19.99688496	3190.2500000	9197.1343874
NPCT	28.86	23	64.04347826	51.16570963	0.00000000	160.00000000	10.66878796	1473.0000000	2617.9298419
NAT	8.64	23	19.18478261	24.74968060	0.00000000	89.50000000	5.16066515	441.2500000	612.5466897
TT		23	221.93478261	73.81761990	36.00000000	386.25000000	15.39203776	5104.5000000	5449.0410079
DP=OBONY									
PCT	66.07	14	187.53571429	102.71777321	51.00000000	388.00000000	27.45247964	2625.5000000	10350.940934
NPCT	24.31	14	69.00000000	41.77872112	23.00000000	144.00000000	11.16583289	966.0000000	1745.461538
NAT	9.62	14	27.30357143	22.66057627	0.00000000	72.50000000	6.09629376	382.2500000	513.501717
TT		14	283.83928571	75.33946299	195.00000000	419.00000000	20.13531844	3973.7500000	5676.034684

PCT	49.147								
NPCT	50.984								
NAT	92.798								
TT	17.116								
PCT	84.357								
NPCT	46.472								
NAT	141.421								
TT	8.725								
PCT	56.222								
NPCT	134.834								
NAT	97.920								
TT	16.883								
PCT	37.923								
NPCT	112.616								
NAT	80.759								
TT	12.304								
PCT	141.421								
NPCT	6.934								
NAT	10.435								
TT	7.042								
PCT	67.972								
NPCT	61.048								
NAT	112.003								
TT	25.606								
PCT	69.140								
NPCT	79.892								
NAT	129.007								
TT	33.261								
PCT	54.775								
NPCT	60.349								
NAT	82.995								
TT	26.943								

13 46 TUESDAY, JUNE 11, 1985

SAS

VARIABLE	%	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
DP=PATH										
PCT	44.08	19	97.88157895	71.84089135	7.00000000	264.00000000	16.48143081	1859.7500000	5161.1136696	73.376
NPCT	42.95	19	95.38157895	49.60590302	16.00000000	179.25000000	11.38037464	1812.2500000	2460.7456140	52.008
NAT	12.97	19	28.78947368	30.17981564	0.00000000	108.50000000	6.92372455	547.0000000	910.8212719	104.829
TT		19	222.05263158	40.81773333	176.00000000	307.00000000	9.36423025	4219.0000000	1666.0873538	18.382
DP=PED										
PCT	62.60	29	187.64659172	110.96708644	49.00000000	380.00000000	20.60607064	5441.7500000	12313.694273	59.136
NPCT	24.23	29	72.62068966	57.04417208	0.00000000	214.50000000	10.59653073	2106.0000000	3236.319735	78.578
NAT	13.18	29	39.50000000	38.07048210	0.00000000	136.00000000	7.06951105	1145.5000000	1449.361607	96.381
TT		29	299.76724138	71.35277439	201.25000000	438.00000000	13.24987761	8693.2500000	5091.218442	23.803
DP=PHYSMED										
PCT	41.09	28	83.87500000	46.85920104	0.00000000	218.00000000	8.85553661	2348.5000000	2195.7847222	55.860
NPCT	36.01	28	73.50892857	41.06084477	0.00000000	168.50000000	7.75977028	2058.2500000	1685.9929729	55.856
NAT	22.90	28	46.74107143	38.96297400	0.00000000	176.00000000	7.36330997	1308.7500000	1518.1133433	83.359
TT		28	201.12500000	23.48714187	176.00000000	288.00000000	4.43865260	5715.5000000	551.6458333	11.506
DP=PREVIED										
PCT	23.86	5	44.60000000	24.42949038	22.00000000	72.00000000	10.92520023	223.0000000	596.8000000	54.775
NPCT	48.22	5	90.15000000	49.51060492	34.25000000	150.00000000	22.14181564	450.7500000	2451.3000000	54.420
NAT	27.92	5	52.20000000	43.46636631	14.50000000	125.50000000	19.43874996	261.0000000	1889.3250000	83.269
TT		5	186.95000000	14.78639577	176.00000000	212.00000000	6.61267722	934.7500000	218.6375000	7.409
DP=PSYCH										
PCT	29.06	35	99.96428571	30.35634823	13.50000000	159.50000000	5.13115937	2098.7500000	921.5078782	50.524
NPCT	57.74	35	119.15714286	28.90991820	63.00000000	172.50000000	4.54850637	4170.5000000	724.1436975	22.584
NAT	13.20	35	27.24285714	19.49436645	1.00000000	76.00000000	3.28838812	953.5000000	378.4723739	71.411
TT		35	206.36428571	40.98162890	125.00000000	310.00000000	6.92715961	7222.7500000	1679.4939076	19.859
DP=RAD										
PCT	52.05	43	123.56976744	52.83674107	0.00000000	241.00000000	8.05752747	5313.5000000	2791.7212071	42.159
NPCT	32.51	43	77.17441860	46.09409162	0.00000000	204.00000000	7.02928307	3318.5000000	2124.6652824	59.727
NAT	15.45	43	36.67441860	32.59032936	0.00000000	109.00000000	4.96997863	1577.0000000	1062.1295681	88.864
TT		43	237.41860465	46.91721816	168.50000000	368.00000000	7.15480869	10209.0000000	2201.2253599	19.761
DP=SURG										
PCT	66.68	160	179.42875000	104.60744146	0.00000000	328.00000000	8.26994438	28708.6000000	10942.716810	58.300
NPCT	19.43	160	52.29218750	48.81921970	0.00000000	239.00000000	3.85947820	8366.7500000	2383.316212	93.359
NAT	13.89	160	37.36562500	46.71897524	0.00000000	176.00000000	3.69345929	5978.5000000	2182.662647	125.032
TT		160	269.08656250	72.11388284	133.00000000	554.00000000	5.70110302	43053.8500000	5200.412098	26.800
DP=SNH										
PCT	35.48	8	63.31250000	41.76285296	0.00000000	105.50000000	14.76540887	506.5000000	1744.1383929	65.460
NPCT	35.92	8	64.09375000	47.39121707	9.00000000	155.50000000	16.75532548	512.7500000	2245.9274554	73.440
NAT	28.60	8	51.03125000	36.50402069	8.50000000	94.00000000	12.90612029	408.2500000	1332.543268	71.930
TT		8	178.43750000	26.98470135	117.00000000	204.50000000	9.54033266	1427.5000000	728.1741071	15.123

APPENDIX 0

PROVIDER TIME BY DEPARTMENT/RANK

14.27 THURSDAY, JUNE 13, 1985

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=ALLERIM RK=03									
PCT	2	136.50000000	77.07463915	82.00000000	191.00000000	54.50000000	273.00000000	5940.50000000	56.465
NPCT	2	67.50000000	30.40359159	46.00000000	89.00000000	21.50000000	135.00000000	924.50000000	45.045
NAT	2	5.50000000	7.77817459	0.00000000	11.00000000	5.50000000	11.00000000	60.50000000	141.421
TT	2	209.50000000	38.89087297	182.00000000	237.00000000	27.50000000	419.00000000	1512.50000000	18.564
DP=ALLERIM RK=04									
PCT	2	101.00000000	57.98275606	60.00000000	142.00000000	41.00000000	202.00000000	3362.00000000	57.407
NPCT	2	97.00000000	86.26702730	36.00000000	158.00000000	61.00000000	194.00000000	7442.00000000	88.935
NAT	2	16.00000000	16.97036275	4.00000000	28.00000000	12.00000000	32.00000000	288.00000000	106.066
TT	2	214.00000000	45.25483400	182.00000000	246.00000000	32.00000000	428.00000000	2048.00000000	21.147
DP=ALLERIM RK=05									
PCT	2	61.00000000	49.49747468	26.00000000	96.00000000	35.00000000	122.00000000	2450.00000000	81.143
NPCT	2	68.00000000	8.48528137	62.00000000	74.00000000	6.00000000	136.00000000	72.00000000	12.478
NAT	2	62.50000000	27.57716447	43.00000000	82.00000000	19.50000000	125.00000000	760.50000000	44.123
TT	2	191.50000000	13.43502884	182.00000000	201.00000000	9.50000000	383.00000000	180.50000000	7.016
DP=ALLERIM RK=06									
PCT	2	109.87500000	1.59097026	108.75000000	111.00000000	1.12500000	219.75000000	2.53125000	1.448
NPCT	2	120.25000000	42.77996026	90.00000000	150.50000000	30.25000000	240.50000000	1830.12500000	35.572
NAT	2	30.25000000	10.96015511	22.50000000	38.00000000	7.75000000	60.50000000	120.12500000	36.232
TT	2	260.37500000	30.22881490	239.00000000	281.75000000	21.37500000	520.75000000	913.78125000	11.610
DP=CLININV RK=05									
PCT	2	57.00000000	48.08326112	23.00000000	91.00000000	34.00000000	114.00000000	2312.00000000	84.357
NPCT	2	105.75000000	49.14392129	71.00000000	140.50000000	34.75000000	211.50000000	2415.12500000	46.472
NAT	2	11.50000000	16.26345597	0.00000000	23.00000000	11.50000000	23.00000000	264.50000000	141.421
TT	2	174.25000000	15.20279590	163.50000000	185.00000000	10.75000000	348.50000000	231.12500000	8.725
DP=DON RK=01									
PCT	41	129.17682927	44.65385075	41.00000000	204.00000000	6.97375986	5296.25000000	1993.9663872	34.568
NPCT	41	19.41463415	21.64743127	0.00000000	78.00000000	3.38076078	796.00000000	468.6112805	111.501
NAT	41	39.67682927	36.96181492	0.00000000	140.50000000	5.77246568	1626.75000000	1366.1757622	93.157
TT	41	189.26829268	32.73193157	87.50000000	264.50000000	5.11186889	7719.00000000	1071.3793445	17.386
DP=DON RK=02									
PCT	37	147.01351351	41.69157364	0.00000000	191.00000000	6.85405249	5439.50000000	1738.1873123	28.359
NPCT	37	16.33783784	27.57031517	0.00000000	150.00000000	4.53233189	604.50000000	760.1222785	168.751
NAT	37	30.97972973	38.22281979	0.00000000	147.00000000	6.28379287	1146.25000000	1460.9839527	123.380
TT	37	194.33108108	32.86219407	115.50000000	295.00000000	5.40251143	7190.25000000	1079.9237988	16.910
DP=DON RK=03									
PCT	65	128.68923077	50.74405175	0.00000000	200.00000000	6.29402499	8364.80000000	2574.9587885	39.431
NPCT	65	25.15384615	42.41380718	0.00000000	184.00000000	5.26078532	1635.00000000	1798.9310397	168.618
NAT	65	41.85846154	41.31147087	0.00000000	147.00000000	5.49616153	2720.80000000	1963.5064507	105.860
TT	65	195.70153846	31.45349117	104.75000000	301.50000000	3.90132343	12720.60000000	989.3221070	16.072

14-27 THURSDAY, JUNE 13, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- DP=DN RK=04 -----									
PCT	59	87.64406780	66.31776306	0.00000000	213.50000000	8.63383735	5171.000000	4398.0456970	75.667
NPCT	59	70.53399831	63.75310097	0.00000000	224.00000000	8.29994679	4161.500000	4064.4578828	90.386
NAT	59	45.66949153	37.36551865	0.00000000	184.00000000	4.86457618	2694.500000	1396.1819842	81.817
TT	59	203.84743763	30.04906250	155.00000000	302.50000000	3.91203472	12027.000000	902.9461572	14.741
----- DP=DN RK=05 -----									
PCT	13	35.23076923	55.77880996	0.00000000	154.50000000	15.47023842	458.0000000	3111.2756410	158.324
NPCT	13	127.57692308	65.75884653	10.00000000	253.00000000	18.51557263	1658.5000000	4456.7433897	52.328
NAT	13	41.73076923	37.30539247	2.50000000	134.00000000	10.34665426	542.5000000	1391.6923077	89.395
TT	13	204.53846154	36.38936517	160.00000000	310.00000000	10.09259400	2659.0000000	1324.1858974	17.791
----- DP=DN RK=06 -----									
PCT	7	3.85714286	5.30498418	0.00000000	14.00000000	2.00509555	27.0000000	28.1428571	137.537
NPCT	7	171.42857143	93.13058868	0.00000000	298.50000000	35.20003387	1200.0000000	8673.3065476	54.326
NAT	7	55.25000000	58.15872677	0.00000000	172.00000000	21.98193252	386.7500000	3382.4375000	105.265
TT	7	230.53571429	55.76521253	172.00000000	328.50000000	21.07726917	1613.7500000	3109.7589286	24.189
----- DP=DPCCM RK=03 -----									
PCT	15	135.43333333	49.06222968	16.50000000	194.00000000	12.66781323	2031.5000000	2407.1023810	36.226
NPCT	15	18.33333333	14.81633590	4.00000000	56.75000000	3.82556148	275.0000000	219.5238095	80.816
NAT	15	38.80000000	34.30954157	5.25000000	112.00000000	8.85868534	582.0000000	1177.1446429	88.427
TT	15	192.56666667	22.54884909	132.25000000	224.75000000	5.82208780	2888.5000000	508.4505952	11.716
----- DP=DPCCM RK=04 -----									
PCT	2	68.25000000	24.39518395	51.00000000	85.50000000	17.25000000	136.5000000	595.12500000	35.744
NPCT	2	19.25000000	16.61700936	7.50000000	31.00000000	11.75000000	38.50000000	276.12500000	86.322
NAT	2	89.00000000	7.07106781	84.00000000	94.00000000	5.00000000	178.0000000	50.00000000	7.945
TT	2	176.50000000	0.70710678	176.00000000	177.00000000	0.50000000	353.0000000	0.50000000	0.401
----- DP=DPCCM RK=05 -----									
PCT	1	187.00000000		187.00000000	187.00000000		187.00000000		
NPCT	1	21.25000000		21.25000000	21.25000000		21.25000000		
NAT	1	8.00000000		8.00000000	8.00000000		8.00000000		
TT	1	216.25000000		216.25000000	216.25000000		216.25000000		
----- DP=DPCCM RK=06 -----									
PCT	5	113.10000000	32.33883115	73.00000000	147.00000000	14.46236495	565.5000000	1045.8000000	28.592
NPCT	5	56.20000000	52.67291935	18.75000000	146.75000000	23.56498992	281.0000000	2776.5437500	93.760
NAT	5	38.90000000	26.56219117	3.00000000	65.00000000	11.87897302	194.5000000	705.5500000	68.283
TT	5	208.20000000	31.44012166	172.50000000	258.25000000	14.06044985	1041.0000000	988.4812500	15.101
----- DP=HG RK=06 -----									
PCT	1	3.50000000		3.50000000	3.50000000		3.50000000		
NPCT	1	160.00000000		160.00000000	160.00000000		160.00000000		
NAT	1	65.50000000		65.50000000	65.50000000		65.50000000		
TT	1	229.00000000		229.00000000	229.00000000		229.00000000		

14:27 THURSDAY, JUNE 13, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=HQ RK=08									
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
NPCT	1	176.50000000		176.50000000	176.50000000		176.50000000		
NAT	1	76.50000000		76.50000000	76.50000000		76.50000000		
TT	1	253.00000000		253.00000000	253.00000000		253.00000000		
DP=MED RK=03									
PCT	47	193.10639298	101.74788675	0.00000000	374.00000000	14.84149464	9076.000000	10352.632458	52.690
NPCT	47	61.25000000	42.97174248	0.00000000	190.00000000	6.26807285	3019.750000	1846.570652	66.882
NAT	47	18.36702128	23.28135164	0.00000000	83.00000000	3.39593416	863.250000	542.021334	126.756
TT	47	275.72340426	72.74886511	173.00000000	447.00000000	10.61151259	12959.000000	5292.397375	26.385
DP=MED RK=04									
PCT	31	119.87096774	56.48730945	17.00000000	244.00000000	10.14542027	3716.000000	3190.8161290	47.123
NPCT	31	77.07258065	50.07449424	0.00000000	193.00000000	8.99364466	2389.250000	2507.4549731	64.971
NAT	31	27.14516129	30.46697489	0.00000000	112.00000000	5.47203023	841.500000	928.2365591	112.237
TT	31	224.08870968	42.33696909	163.00000000	365.00000000	7.60394412	6946.750000	1792.4189516	18.893
DP=MED RK=05									
PCT	16	67.89062500	31.12755595	17.00000000	140.00000000	7.78188899	1086.250000	968.9247396	49.850
NPCT	16	111.85937500	43.59433915	19.50000000	177.00000000	10.89858479	1789.750000	1900.4664063	38.972
NAT	16	34.46875000	30.19683689	0.00000000	116.50000000	7.54920922	591.500000	911.8489583	87.606
TT	16	214.21875000	31.66542212	171.00000000	282.50000000	7.91635553	3427.500000	1002.6989583	14.782
DP=MED RK=06									
PCT	10	48.00000000	29.82076085	14.00000000	114.50000000	9.43015259	480.000000	889.2777778	62.127
NPCT	10	113.25000000	45.27278432	21.00000000	167.00000000	14.31651145	1132.500000	2049.6250000	39.476
NAT	10	55.25000000	41.37984614	10.00000000	144.00000000	13.08545630	552.500000	1712.2916667	74.896
TT	10	216.50000000	37.34598000	146.00000000	273.00000000	11.80983583	2165.000000	1394.7222222	17.250
DP=NEURO RK=03									
PCT	12	108.89583333	96.65545994	12.00000000	333.00000000	27.90202791	2266.750000	9342.2779356	51.169
NPCT	12	55.29166667	45.27615183	0.00000000	144.00000000	13.07009922	663.500000	2049.9299242	81.886
NAT	12	9.20833333	12.42332545	0.00000000	40.00000000	3.98630515	110.500000	154.3390152	134.914
TT	12	253.39583333	75.41961843	148.00000000	386.25000000	21.77176850	3040.750000	5688.1188447	29.764
DP=NEURO RK=04									
PCT	7	98.64285714	58.60369320	0.00000000	171.00000000	22.15011402	690.500000	3434.3928571	59.410
NPCT	7	72.71428571	60.00476172	4.00000000	160.00000000	22.67966814	509.000000	3600.5714286	82.521
NAT	7	26.60714286	28.10614447	0.00000000	67.00000000	10.62312408	188.250000	789.9553571	105.634
TT	7	197.96428571	27.94877329	172.00000000	236.50000000	10.56364337	1385.750000	781.1339286	14.118
DP=NEURO RK=05									
PCT	1	114.50000000		114.50000000	114.50000000		114.50000000		
NPCT	1	102.00000000		102.00000000	102.00000000		102.00000000		
NAT	1	0.00000000		0.00000000	0.00000000		0.00000000		
TT	1	216.50000000		216.50000000	216.50000000		216.50000000		

14.27 THURSDAY, JUNE 13, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=NEURO RK=06									
PCT	3	39.3000000	60.7883680	0.0000000	109.5000000	35.09629610	118.5000000	3695.250000	153.893
NPCT	3	66.1666667	72.60222678	6.5000000	147.0000000	41.91691517	198.5000000	5271.083333	109.726
NAT	3	48.1666667	35.89154576	25.5000000	89.5000000	20.69889960	144.5000000	1285.333333	74.432
TT	3	153.8333333	106.72433337	36.0000000	244.0000000	61.61732260	461.5000000	11390.083333	69.377
DP=OBGYN RK=03									
PCT	7	273.97142857	66.75541712	205.0000000	388.0000000	25.23117605	1915.0000000	4456.2897143	24.401
NPCT	7	47.64285714	30.70656049	23.0000000	107.0000000	11.60598895	333.5000000	942.8928571	64.452
NAT	7	21.92857143	23.95898780	0.0000000	72.5000000	9.81157514	153.5000000	673.8690476	118.380
TT	7	343.14285714	59.56139290	262.0000000	419.0000000	22.51209048	2402.0000000	3547.5595238	17.358
DP=OBGYN RK=04									
PCT	1	126.0000000		126.0000000	126.0000000		126.0000000		
NPCT	1	41.0000000		41.0000000	41.0000000		41.0000000		
NAT	1	28.0000000		28.0000000	28.0000000		28.0000000		
TT	1	195.0000000		195.0000000	195.0000000		195.0000000		
DP=OBGYN RK=05									
PCT	3	89.16666667	48.68863659	51.0000000	144.0000000	28.11039744	267.5000000	2370.5833333	54.604
NPCT	3	73.66666667	36.26407773	33.5000000	104.0000000	20.93707504	221.0000000	1315.0833333	49.227
NAT	3	50.5000000	8.67467579	43.0000000	60.0000000	5.00832640	151.5000000	75.2500000	17.178
TT	3	213.3333333	14.18919777	198.0000000	226.0000000	8.19213715	640.0000000	201.3333333	6.651
DP=OBGYN RK=06									
PCT	3	105.6666667	21.73323108	86.0000000	129.0000000	12.54768682	317.0000000	472.3333333	20.568
NPCT	3	123.5000000	26.93046602	93.0000000	144.0000000	15.54831181	370.5000000	725.2500000	21.806
NAT	3	16.4166667	12.43565779	8.5000000	30.7500000	7.17973614	49.2500000	154.6458333	75.750
TT	3	245.5833333	11.95390452	232.0000000	254.5000000	6.90158999	736.7500000	142.8958333	4.868
DP=PATH RK=03									
PCT	8	109.43750000	86.56477240	8.5000000	264.0000000	30.60526879	875.5000000	7493.4598214	79.100
NPCT	8	105.93750000	47.63809812	40.0000000	177.5000000	16.84261111	847.5000000	2269.3883929	44.968
NAT	8	25.81250000	38.95924032	0.0000000	108.5000000	12.71351134	206.5000000	1293.0669643	139.309
TT	8	241.18750000	52.76764261	176.0000000	307.0000000	18.65617896	1929.5000000	2784.4241071	21.878
DP=PATH RK=04									
PCT	7	97.75000000	67.08343689	20.2500000	212.0000000	25.35515586	684.2500000	4500.1875000	68.628
NPCT	7	73.71428571	50.12243937	16.0000000	173.2500000	18.94450138	516.0000000	2512.2589286	67.996
NAT	7	31.89285714	29.24389436	0.0000000	78.0000000	11.05315312	223.2500000	855.2053571	91.694
TT	7	203.35714286	25.55380644	182.7500000	256.0000000	9.65843099	1423.5000000	652.9970238	12.566
DP=PATH RK=05									
PCT	3	51.33333333	42.19399641	7.0000000	91.0000000	24.36071319	154.0000000	1780.3333333	82.196
NPCT	3	131.2500000	42.81427916	97.0000000	179.2500000	24.71883560	393.7500000	1833.0625000	32.620
NAT	3	35.75000000	28.06577097	4.0000000	57.2500000	16.20378042	107.2500000	787.6875000	78.506
TT	3	218.3333333	22.81629535	199.0000000	243.5000000	13.17299426	655.0000000	520.5833333	10.450

14:27 THURSDAY, JUNE 13, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C

DP=PATH RK=06

PCT	1	146.00000000		146.00000000	146.00000000		146.00000000		
NPCT	1	55.00000000		55.00000000	55.00000000		55.00000000		
NAT	1	10.00000000		10.00000000	10.00000000		10.00000000		
TT	1	211.00000000		211.00000000	211.00000000		211.00000000		

DP=PED RK=03

PCT	16	253.40625000	103.09123711	52.00000000	380.00000000	25.77281428	4006.50000000	10627.807292	41.170
NPCT	16	51.59375000	46.17294256	0.00000000	170.00000000	11.54323564	825.50000000	2131.940625	89.493
NAT	16	39.76562500	41.33899176	0.00000000	136.00000000	10.33474794	636.25000000	1708.912240	103.957
TT	16	341.76562500	61.70004516	216.00000000	438.00000000	15.42501129	5468.25000000	3806.893573	18.050

DP=PED RK=04

PCT	4	137.31250000	78.30372889	63.75000000	228.50000000	39.15186445	549.25000000	6131.4739583	57.026
NPCT	4	56.56250000	33.87991969	8.50000000	88.00000000	16.93995985	226.25000000	1147.8489583	59.898
NAT	4	38.43750000	39.70221184	0.00000000	87.75000000	19.85110592	153.75000000	1376.2656250	103.290
TT	4	232.31250000	18.52180384	214.50000000	256.25000000	9.26070292	929.25000000	343.0572917	7.973

DP=PED RK=05

PCT	3	85.66666667	45.93836450	52.00000000	138.00000000	26.52252711	257.00000000	2110.3333333	53.625
NPCT	3	130.83333333	72.51953760	86.00000000	214.50000000	41.86917455	392.50000000	5259.0833333	55.429
NAT	3	53.66666667	50.30987312	3.50000000	104.00000000	29.04641879	165.50000000	2531.0833333	91.196
TT	3	271.66666667	74.09678356	217.00000000	356.00000000	42.77979793	815.00000000	5490.3333333	27.275

DP=PED RK=06

PCT	6	104.83333333	58.73471432	49.00000000	219.00000000	23.97834671	629.00000000	3449.7666667	56.027
NPCT	6	110.29166667	60.74504438	29.00000000	185.00000000	24.79906052	661.75000000	3689.9604167	55.077
NAT	6	31.66666667	28.45112769	2.00000000	67.00000000	11.61512424	190.00000000	809.4666667	89.846
TT	6	246.79166667	39.52480761	201.25000000	309.00000000	16.13593514	1480.75000000	1962.2104167	16.015

DP=PHYSMED RK=01

PCT	1	104.50000000		104.50000000	104.50000000		104.50000000		
NPCT	1	31.00000000		31.00000000	31.00000000		31.00000000		
NAT	1	57.50000000		57.50000000	57.50000000		57.50000000		
TT	1	193.00000000		193.00000000	193.00000000		193.00000000		

DP=PHYSMED RK=02

PCT	3	85.83333333	30.52185010	63.00000000	120.50000000	17.62179837	257.50000000	931.5833333	35.559
NPCT	3	65.00000000	42.35858827	21.00000000	105.50000000	24.45574234	195.00000000	1794.2500000	65.167
NAT	3	52.83333333	42.97189004	14.00000000	99.00000000	24.80983228	158.50000000	1846.5833333	81.335
TT	3	203.66666667	27.21366079	183.00000000	234.50000000	15.71181438	611.00000000	740.5833333	13.362

DP=PHYSMED RK=03

PCT	13	87.63461538	51.50451188	0.00000000	218.00000000	14.28478142	1139.25000000	2652.7147436	58.772
NPCT	13	72.46153846	36.10803324	0.00000000	120.75000000	10.01496656	942.00000000	1303.7900641	49.831
NAT	13	46.09615385	49.38217653	0.00000000	176.00000000	13.69615151	599.25000000	2438.5993590	107.129
TT	13	206.19230769	28.22272907	176.00000000	288.00000000	7.82757668	2680.50000000	796.5224359	13.688

14: 27 THURSDAY, JUNE 13, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
RK=04									
PCT	5	88.40000000	33.25733002	42.50000000	122.00000000	14.87313013	444.5000000	1106.0500000	37.410
NPCT	5	76.95000000	50.90935572	33.50000000	144.50000000	22.76735602	384.5000000	2591.7625000	66.159
NAT	5	34.75000000	29.03015673	0.00000000	72.00000000	12.98268077	173.7500000	842.7500000	83.540
TT	5	200.60000000	22.30302670	182.00000000	238.00000000	9.97421676	1003.0000000	497.4250000	11.118
RK=05									
PCT	5	79.75000000	59.06405421	6.00000000	161.00000000	26.41424805	398.7500000	3488.5625000	74.062
NPCT	5	67.40000000	33.96027091	17.50000000	102.50000000	15.18749486	337.0000000	1153.3000000	50.386
NAT	5	53.15000000	29.37771264	8.00000000	90.00000000	13.13811250	265.7500000	863.0500000	55.273
TT	5	200.30000000	16.19741492	184.00000000	224.25000000	7.24370416	1001.5000000	262.3562500	8.087
RK=06									
PCT	1	4.00000000		4.00000000	4.00000000		4.00000000		
NPCT	1	168.50000000		168.50000000	168.50000000		168.50000000		
NAT	1	94.00000000		94.00000000	94.00000000		94.00000000		
TT	1	226.50000000		226.50000000	226.50000000		226.50000000		
RK=03									
PCT	1	33.00000000		33.00000000	33.00000000		33.00000000		
NPCT	1	129.50000000		129.50000000	129.50000000		129.50000000		
NAT	1	14.50000000		14.50000000	14.50000000		14.50000000		
TT	1	177.00000000		177.00000000	177.00000000		177.00000000		
RK=04									
PCT	2	71.00000000	1.41421356	70.00000000	72.00000000	1.00000000	142.0000000	2.00000000	1.492
NPCT	2	68.50000000	24.74873734	51.00000000	86.00000000	17.50000000	137.0000000	612.5000000	36.130
NAT	2	42.50000000	17.67766953	30.00000000	55.00000000	12.50000000	85.0000000	312.5000000	41.595
TT	2	182.00000000	8.48528137	176.00000000	188.00000000	6.00000000	364.0000000	72.00000000	4.662
RK=06									
PCT	2	24.00000000	2.82842712	22.00000000	26.00000000	2.00000000	48.00000000	8.00000000	11.785
NPCT	2	92.12500000	81.84760992	34.25000000	150.00000000	57.87500000	184.25000000	4699.0312500	88.844
NAT	2	80.75000000	63.28605692	36.00000000	125.50000000	44.75000000	161.50000000	4005.1250000	78.373
TT	2	196.87500000	21.38998013	181.75000000	212.00000000	15.12500000	393.75000000	457.5312500	10.865
RK=03									
PCT	15	78.56666667	28.70407303	45.50000000	159.50000000	7.41135979	1178.5000000	823.9238095	36.535
NPCT	15	119.83333333	30.59392252	79.25000000	172.50000000	7.89931683	1797.5000000	935.9880952	25.530
NAT	15	16.60000000	10.88404796	1.00000000	41.00000000	2.81024910	249.0000000	118.4625000	65.567
TT	15	213.00000000	44.70388686	155.50000000	310.00000000	11.54249395	3225.0000000	1998.4375000	20.793
RK=04									
PCT	4	56.50000000	33.25407243	13.50000000	83.00000000	16.62703622	226.0000000	1105.8333333	58.857
NPCT	4	120.00000000	15.28619932	102.50000000	139.50000000	7.64307966	480.0000000	233.6666667	12.736
NAT	4	41.87500000	25.73057520	9.50000000	71.00000000	12.86528760	167.5000000	662.0625000	61.446
TT	4	218.37500000	36.03406819	178.00000000	239.50000000	18.02703410	873.5000000	1299.8958333	16.510

14:27 THURSDAY, JUNE 13, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=PSYCH RK=03									
PCT	8	45.78125000	21.45153903	20.50000000	79.00000000	7.5842436	366.2500000	460.1685268	46.857
NPCT	8	115.37500000	32.62640254	63.00000000	151.00000000	11.53517524	923.0000000	1064.4821429	28.279
NAT	8	44.75000000	18.75023809	19.00000000	76.00000000	6.62921025	358.0000000	351.5714286	41.900
TT	8	205.90625000	34.61315231	167.50000000	278.00000000	12.23759736	1647.2500000	1198.0703125	16.810
DP=PSYCH RK=06									
PCT	8	41.00000000	22.46425732	15.00000000	69.00000000	7.94231434	328.0000000	504.6428571	54.791
NPCT	8	121.25000000	21.39925567	93.00000000	152.50000000	7.56578294	970.0000000	457.9285714	17.649
NAT	8	22.37500000	14.95409643	5.00000000	40.00000000	5.28707150	179.0000000	223.6250000	66.834
TT	8	184.62500000	40.28534601	125.00000000	253.50000000	14.24302774	1477.0000000	1622.9107143	21.820
DP=RAD RK=03									
PCT	21	131.50000000	40.40482644	47.00000000	197.00000000	8.81703598	2761.5000000	1632.5500000	30.726
NPCT	21	76.28571429	53.00555901	0.00000000	204.00000000	11.56676126	1602.0000000	2809.5892857	69.483
NAT	21	42.76190476	31.17555896	0.00000000	98.00000000	6.80306470	898.0000000	971.9154762	72.905
TT	21	250.54761905	52.35119501	169.00000000	368.00000000	11.42396733	5261.5000000	2740.6476190	20.895
DP=RAD RK=04									
PCT	14	134.14285714	58.58308648	0.00000000	241.00000000	15.65698845	1878.0000000	3431.9780220	43.672
NPCT	14	70.21428571	39.07572249	11.50000000	120.00000000	10.44342612	983.0000000	1526.9120879	55.652
NAT	14	24.92857143	32.13305101	0.00000000	109.00000000	8.58791912	419.0000000	1032.5329670	107.362
TT	14	231.28571429	43.18329195	168.50000000	301.00000000	11.54122024	3280.0000000	1864.7967033	18.432
DP=RAD RK=05									
PCT	6	103.33333333	53.91351098	28.00000000	174.00000000	22.01009869	620.0000000	2906.6666667	52.174
NPCT	6	88.00000000	44.06359041	44.00000000	155.00000000	17.98888346	528.0000000	1941.6000000	50.072
NAT	6	16.41666667	25.76512501	0.00000000	66.50000000	10.51856824	98.5000000	663.8416667	156.945
TT	6	207.75000000	17.93251237	176.00000000	226.00000000	7.32091752	1246.5000000	321.5750000	8.632
DP=RAD RK=06									
PCT	2	27.00000000	38.18376618	0.00000000	54.00000000	27.00000000	54.0000000	1458.0000000	141.421
NPCT	2	102.75000000	27.93071786	83.00000000	122.50000000	19.75000000	205.5000000	780.1250000	27.183
NAT	2	80.75000000	25.80939751	62.50000000	99.00000000	18.25000000	161.5000000	666.1250000	31.962
TT	2	210.50000000	36.06244584	185.00000000	236.00000000	25.50000000	421.0000000	1300.5000000	17.132
DP=SURG RK=02									
PCT	1	8.50000000		8.50000000	8.50000000		8.50000000		
NPCT	1	75.25000000		75.25000000	75.25000000		75.25000000		
NAT	1	100.00000000		100.00000000	100.00000000		100.00000000		
TT	1	183.75000000		183.75000000	183.75000000		183.75000000		
DP=SURG RK=03									
PCT	92	199.50815217	106.12512346	0.00000000	528.00000000	11.06430897	18394.750000	11262.541828	53.193
NPCT	92	36.89130435	40.77141291	0.00000000	239.00000000	4.25071364	3394.000000	1662.308110	110.518
NAT	92	39.00271739	50.89810839	0.00000000	176.00000000	5.30649462	3588.250000	2590.617438	130.499
TT	92	275.40217391	75.97908508	133.00000000	534.00000000	7.92136720	25337.000000	5772.821369	27.988

14:27 THURSDAY, JUNE 13, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C

DP=SURO RK=04

PCT	33	183.22272727	116.54064949	0.00000000	481.50000000	20.28712309	6046.35000000	13581.722983	63.602
NPCT	33	60.53303030	53.33537981	0.00000000	200.00000000	9.28452401	1998.25000000	2844.678741	88.081
NAT	33	30.54343435	40.84122327	0.00000000	176.00000000	7.10954476	1008.00000000	1668.005682	133.702
TT	33	273.32121212	82.44017815	176.00000000	506.00000000	14.35099297	9052.60000000	6796.382973	30.052

DP=SURO RK=05

PCT	17	132.29411765	51.71165815	30.00000000	212.00000000	12.54191933	2249.00000000	2674.0953882	39.088
NPCT	17	84.60294118	33.12217663	2.00000000	134.75000000	8.03330781	1438.25000000	1097.0785846	39.150
NAT	17	31.27941176	35.25087348	0.00000000	118.00000000	8.54959263	531.75000000	1242.6240809	112.697
TT	17	248.17647039	37.34272136	173.50000000	331.00000000	9.54201152	4219.00000000	1947.8477243	15.853

DP=SURO RK=06

PCT	17	120.58823529	68.09442784	0.00000000	247.00000000	16.51532462	2050.00000000	4636.8511025	56.469
NPCT	17	85.94117647	59.94882080	0.00000000	222.00000000	14.53923965	1461.00000000	3993.6213235	69.753
NAT	17	44.14705882	43.96235821	0.00000000	172.00000000	10.66241377	750.00000000	1932.6801471	99.581
TT	17	250.67647039	46.25876308	171.50000000	319.00000000	11.21939802	4261.00000000	2139.8731618	18.454

DP=SURO RK=03

PCT	4	84.37500000	31.97492507	37.00000000	105.50000000	15.98746254	337.50000000	1022.3958333	37.896
NPCT	4	50.56250000	19.29756925	31.00000000	67.75000000	7.64878463	202.25000000	234.0156250	30.255
NAT	4	33.81250000	26.60621403	13.00000000	72.00000000	13.30310701	135.25000000	707.8906250	78.688
TT	4	168.75000000	36.99211628	117.00000000	204.50000000	18.49605814	675.00000000	1368.4166667	21.921

DP=SURO RK=04

PCT	2	78.50000000	16.26345597	67.00000000	90.00000000	11.50000000	157.00000000	264.50000000	20.718
NPCT	2	22.50000000	19.09188309	9.00000000	36.00000000	13.50000000	45.00000000	364.50000000	84.853
NAT	2	91.25000000	3.88908730	88.50000000	94.00000000	2.75000000	182.50000000	15.12500000	4.262
TT	2	192.25000000	6.71751442	187.50000000	197.00000000	4.75000000	384.50000000	45.12500000	3.494

DP=SURO RK=05

PCT	1	12.00000000		12.00000000	12.00000000		12.00000000		
NPCT	1	155.50000000		155.50000000	155.50000000		155.50000000		
NAT	1	8.50000000		8.50000000	8.50000000		8.50000000		
TT	1	176.00000000		176.00000000	176.00000000		176.00000000		

DP=SURO RK=06

PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
NPCT	1	110.00000000		110.00000000	110.00000000		110.00000000		
NAT	1	82.00000000		82.00000000	82.00000000		82.00000000		
TT	1	192.00000000		192.00000000	192.00000000		192.00000000		

APPENDIX P

PROVIDER TIME BY DEPARTMENT/SERVICE

14:12 THURSDAY, JUNE 13, 1985

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
DP=ALLERIM SV=ALLERIM									
PCT	8	102.09375000	50.17610727	26.00000000	191.00000000	17.73993285	816.7500000	2517.6417411	49.147
NPCT	8	88.18750000	44.96183898	36.00000000	158.00000000	15.89641062	705.5000000	2021.5659643	50.984
NAT	8	28.56250000	26.50530607	0.00000000	82.00000000	9.37104083	228.5000000	702.5312500	92.796
TT	8	218.84375000	37.45734181	182.00000000	281.75000000	13.24317020	1750.7500000	1403.0524554	17.116
DP=CLININV SV=CLININV									
PCT	2	57.00000000	48.08326112	23.00000000	91.00000000	34.00000000	114.0000000	2312.0000000	84.357
NPCT	2	105.75000000	49.1432129	71.00000000	140.50000000	34.75000000	211.5000000	2415.1250000	46.472
NAT	2	11.50000000	16.26345597	0.00000000	23.00000000	11.50000000	23.0000000	264.5000000	141.421
TT	2	174.25000000	15.20279580	163.50000000	185.00000000	10.75000000	348.5000000	231.1250000	8.725
DP=DON SV=4FNS									
PCT	4	104.75000000	81.56541342	0.00000000	184.00000000	40.78270671	419.0000000	6652.9166667	77.867
NPCT	4	64.87500000	52.93765988	2.00000000	131.50000000	26.46882994	259.5000000	2802.3958333	81.599
NAT	4	50.31250000	61.06259596	4.00000000	134.00000000	30.53129798	201.2500000	3728.6406250	121.367
TT	4	219.93750000	60.80377421	158.00000000	302.50000000	30.40188711	879.7500000	3697.0989583	27.646
DP=DON SV=5FNS									
PCT	3	51.33333333	88.91194146	0.00000000	154.00000000	51.33333333	154.0000000	7905.333333	173.205
NPCT	3	116.66666667	124.18668742	10.00000000	253.00000000	71.69921741	350.0000000	15422.333333	106.446
NAT	3	52.33333333	46.17719495	4.00000000	96.00000000	26.66041593	157.0000000	2132.333333	88.237
TT	3	220.33333333	78.01495583	168.00000000	310.00000000	43.04195575	661.0000000	6086.333333	35.408
DP=DON SV=6FNS									
PCT	2	30.00000000	2.12132034	28.50000000	31.50000000	1.50000000	60.0000000	4.50000000	7.071
NPCT	2	114.25000000	24.39518395	97.00000000	131.50000000	17.25000000	228.5000000	595.1250000	21.352
NAT	2	66.50000000	23.33452378	50.00000000	83.00000000	16.50000000	133.0000000	544.5000000	39.090
TT	2	210.75000000	1.06066017	210.00000000	211.50000000	0.75000000	421.5000000	1.12500000	0.503
DP=DON SV=7FNS									
PCT	1	1.00000000		1.00000000	1.00000000		1.00000000		
NPCT	1	189.00000000		189.00000000	189.00000000		189.00000000		
NAT	1	29.00000000		29.00000000	29.00000000		29.00000000		
TT	1	219.00000000		219.00000000	219.00000000		219.00000000		
DP=ANES SV=ANES									
PCT	5	109.60000000	63.67044055	8.00000000	156.50000000	28.47428665	548.0000000	4053.9250000	58.093
NPCT	5	45.40000000	78.93145761	0.00000000	185.50000000	35.29922095	227.0000000	6230.1750000	173.858
NAT	5	67.20000000	42.00833251	23.00000000	120.00000000	18.78669742	336.0000000	1764.7000000	62.512
TT	5	222.20000000	39.85063871	177.00000000	265.00000000	17.82175637	1111.0000000	1588.0750000	17.435
DP=ANES SV=ANES									
PCT	3	54.00000000	90.94503835	0.00000000	159.00000000	52.50714237	162.0000000	8271.0000000	168.417
NPCT	3	120.25000000	85.27199130	27.50000000	195.25000000	49.23180713	360.7500000	7271.3125000	70.412
NAT	3	33.41666667	33.00789047	0.00000000	66.00000000	19.05711445	100.2500000	1089.5208333	98.777
TT	3	207.66666667	21.50775034	186.50000000	229.50000000	12.41750556	623.0000000	462.5833333	10.357

14:12 THURSDAY, JUNE 13, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C/
----- DP=DN SV=CHS -----									
PCT	3	16.00000000	22.71363338	0.00000000	42.00000000	13.11487705	48.00000000	516.00000000	141.973
NPCT	3	166.00000000	17.08800749	150.00000000	184.00000000	9.86376572	498.00000000	292.00000000	10.294
NAT	3	13.66666667	9.22406273	3.50000000	21.50000000	5.32551510	41.00000000	85.08333333	67.493
TT	3	193.66666667	31.95439459	166.00000000	229.50000000	18.44887832	587.00000000	1021.08333333	16.331
----- DP=DN SV=CNS -----									
PCT	6	75.91666667	65.96298729	0.00000000	190.00000000	27.33752509	455.50000000	4484.04166667	88.206
NPCT	6	62.50000000	64.18097407	0.00000000	168.50000000	26.20178111	363.00000000	4119.20000000	106.084
NAT	6	85.16666667	64.75620948	8.00000000	172.00000000	26.43661182	511.00000000	4193.36666667	76.035
TT	6	221.58333333	50.04839325	172.00000000	300.00000000	20.43217098	1329.50000000	2904.84166667	22.587
----- DP=DN SV=ER -----									
PCT	5	139.60000000	47.69879453	71.50000000	180.00000000	21.33154940	698.00000000	2275.17500000	34.168
NPCT	5	23.59000000	39.94308451	3.00000000	94.50000000	17.86309044	117.75000000	1595.45000000	169.610
NAT	5	26.50000000	20.13082214	14.00000000	62.00000000	9.00277735	132.50000000	405.25000000	75.965
TT	5	189.65000000	12.69034766	172.75000000	204.00000000	5.67538545	948.25000000	161.05000000	6.692
----- DP=DN SV=HG -----									
PCT	2	1.00000000	1.41421356	0.00000000	2.00000000	1.00000000	2.00000000	2.000000	141.421
NPCT	2	217.75000000	114.19774516	137.00000000	298.50000000	80.75000000	435.50000000	13041.125000	52.444
NAT	2	37.50000000	13.43502884	28.00000000	47.00000000	9.50000000	75.00000000	180.500000	35.827
TT	2	256.25000000	102.17692988	184.00000000	328.50000000	72.25000000	512.50000000	10440.125000	39.874
----- DP=DN SV=INF -----									
PCT	3	41.66666667	72.16878365	0.00000000	125.00000000	41.66666667	125.00000000	5208.33333333	173.205
NPCT	3	149.66666667	71.44985587	81.50000000	224.00000000	41.25159930	449.00000000	5105.08333333	47.739
NAT	3	8.58333333	7.75337448	1.00000000	16.50000000	4.47756754	25.75000000	60.14583333	90.354
TT	3	199.91666667	34.94668558	160.00000000	225.00000000	20.17647833	599.75000000	1221.27083333	17.481
----- DP=DN SV=NETS -----									
PCT	9	9.83333333	19.65913826	0.00000000	59.50000000	6.55637942	88.50000000	386.87500000	200.025
NPCT	9	136.22222222	46.77697157	33.50000000	172.00000000	15.59232386	1226.00000000	2188.0850694	34.339
NAT	9	48.63888889	44.30277769	6.00000000	147.00000000	14.76759256	437.75000000	1962.7361111	91.085
TT	9	194.69444444	19.84147242	177.75000000	239.50000000	6.61382414	1752.25000000	393.6840278	10.191
----- DP=DN SV=NR -----									
PCT	2	9.50000000	13.43502884	0.00000000	19.00000000	9.50000000	19.00000000	180.50000000	141.421
NPCT	2	144.75000000	51.97234842	108.00000000	181.50000000	36.75000000	289.50000000	2701.125000	35.905
NAT	2	49.75000000	18.03122292	37.00000000	62.50000000	12.75000000	99.50000000	325.125000	36.244
TT	2	204.00000000	20.50609665	189.50000000	218.50000000	14.50000000	408.00000000	420.500000	10.052
----- DP=DN SV=DR -----									
PCT	9	120.72222222	48.11679223	14.00000000	164.25000000	16.03893074	1086.50000000	2315.2256944	39.857
NPCT	9	47.11111111	77.72086583	0.00000000	243.00000000	25.90695528	424.00000000	6040.5329861	164.974
NAT	9	16.02777778	28.03776595	0.00000000	83.00000000	9.34592198	144.25000000	786.1163194	174.932
TT	9	183.86111111	28.03772819	165.25000000	257.00000000	9.33257606	1654.75000000	787.2361111	15.260

14:12 THURSDAY, JUNE 13, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
DP=DON SV=GA									
PCT	2	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
NPCT	2	131.8750000	34.4714538	127.5000000	176.2500000	24.3750000	303.7500000	1188.2812500	22.677
NAT	2	39.7500000	33.5875721	16.0000000	63.5000000	23.7500000	79.5000000	1128.1250000	84.497
TT	2	191.6250000	0.89388348	191.0000000	192.2500000	0.6250000	383.2500000	0.7812500	0.461
DP=DON SV=RR									
PCT	4	168.5000000	22.17353783	136.0000000	186.0000000	11.08677891	674.0000000	491.6666667	13.159
NPCT	4	4.0000000	8.0000000	0.0000000	16.0000000	4.0000000	16.0000000	64.0000000	200.000
NAT	4	18.0000000	21.03964512	0.0000000	40.0000000	10.51982256	72.0000000	442.6666667	116.887
TT	4	190.5000000	29.0000000	176.0000000	234.0000000	14.5000000	762.0000000	841.0000000	15.223
DP=DON SV=WD40									
PCT	5	146.3500000	29.95600941	102.0000000	173.7500000	13.39673468	731.7500000	897.3625000	20.469
NPCT	5	9.2000000	11.01476282	0.0000000	24.0000000	4.92575168	46.0000000	121.3250000	119.726
NAT	5	43.4500000	60.72437731	2.5000000	147.0000000	27.15676711	217.2500000	3687.4500000	139.757
TT	5	194.0000000	53.77383193	170.5000000	295.0000000	24.04838872	995.0000000	2891.6250000	27.022
DP=DON SV=WD41									
PCT	2	164.0000000	16.97056275	152.0000000	176.0000000	12.0000000	328.0000000	288.0000000	10.348
NPCT	2	10.7500000	14.49568901	0.5000000	21.0000000	10.2500000	21.5000000	210.1250000	134.844
NAT	2	24.2500000	18.73832970	11.0000000	37.5000000	13.2500000	48.5000000	351.1250000	77.271
TT	2	194.0000000	16.26345597	187.5000000	210.5000000	11.5000000	398.0000000	264.5000000	8.173
DP=DON SV=WD42									
PCT	9	125.8611111	36.64080527	80.0000000	188.0000000	12.21360176	1132.7500000	1342.5486111	29.112
NPCT	9	13.08333333	18.70243968	0.0000000	59.5000000	6.23414656	117.7500000	349.7812500	142.949
NAT	9	48.3611111	43.03434513	1.0000000	128.0000000	14.34478171	435.2500000	1851.9548611	88.985
TT	9	187.3095556	18.19674498	155.0000000	211.0000000	6.06558166	1685.7500000	331.1215278	9.715
DP=DON SV=WD43/44									
PCT	8	136.3750000	47.44075252	47.0000000	179.0000000	16.77283891	1091.0000000	2250.6250000	34.787
NPCT	8	21.6875000	25.73621337	0.0000000	73.0000000	9.0912550	173.5000000	662.3526786	118.668
NAT	8	28.2187500	25.6549144	3.0000000	67.0000000	9.07038599	225.7500000	658.2042411	90.916
TT	8	186.2812500	18.70706394	151.0000000	209.5000000	6.61394588	1490.2500000	349.9542411	10.042
DP=DON SV=WD45									
PCT	11	139.11363636	48.19146237	58.0000000	186.5000000	14.53027262	1530.2500000	2322.4170455	34.642
NPCT	11	19.72727273	34.88578768	0.0000000	120.5000000	10.51846075	217.0000000	1217.0181818	176.840
NAT	11	46.63636364	38.06776255	2.5000000	127.5000000	11.47786227	513.0000000	1449.1545455	81.627
TT	11	205.4772727	26.77929577	186.0000000	258.0000000	8.07426147	2260.2500000	717.1306818	13.033
DP=DON SV=WD46									
PCT	8	168.4375000	25.42276469	140.5000000	213.5000000	8.98830465	1347.5000000	646.3169643	15.093
NPCT	8	4.5312500	6.55531069	0.0000000	18.2500000	2.31745232	36.2500000	42.9720982	144.669
NAT	8	31.2875000	37.19932555	0.0000000	88.0000000	13.15194768	250.3000000	1383.7898214	118.895
TT	8	204.2362500	22.25381889	176.0000000	240.0000000	7.86791312	1634.0000000	495.2324554	10.895

14:12 THURSDAY, JUNE 13, 1985 4

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
DP=DOWN SV=WD47									
PCT	2	95.65000000	33.02188668	72.30000000	119.00000000	23.35000000	191.30000000	1090.44500000	34.324
NPCT	2	50.75000000	51.97234842	14.00000000	87.50000000	36.75000000	101.50000000	2701.12500000	102.409
NAT	2	56.50000000	79.90306627	0.00000000	113.00000000	56.50000000	113.00000000	6384.50000000	141.421
TT	2	202.90000000	5.09116882	199.30000000	206.30000000	3.60000000	405.80000000	23.92000000	2.309
DP=DOWN SV=WD48									
PCT	5	106.25000000	57.65251512	25.00000000	171.25000000	25.78298858	531.25000000	3323.81250000	54.261
NPCT	5	28.65000000	35.95900444	0.50000000	90.50000000	16.08135566	143.25000000	1293.05000000	125.511
NAT	5	36.70000000	26.00384587	14.00000000	74.00000000	11.62927341	183.50000000	676.20000000	70.855
TT	5	171.60000000	37.86513898	104.75000000	194.00000000	16.93380495	858.00000000	1433.76875000	22.066
DP=DOWN SV=WD49									
PCT	6	115.91666667	77.45864488	15.00000000	180.50000000	31.62235935	695.50000000	5999.84166667	66.823
NPCT	6	34.50000000	47.87692555	0.00000000	96.50000000	19.54567301	207.00000000	2292.20000000	138.774
NAT	6	45.33333333	44.59110524	2.00000000	86.50000000	18.20424248	272.00000000	1988.36666667	98.363
TT	6	195.75000000	13.44154009	179.00000000	214.00000000	5.48748576	1174.50000000	180.67500000	6.867
DP=DOWN SV=WD51									
PCT	8	133.87500000	59.40944490	48.00000000	187.50000000	21.00441068	1071.00000000	3329.4821429	44.377
NPCT	8	38.87500000	75.89548735	0.00000000	217.00000000	26.83310688	311.00000000	5760.12500000	195.230
NAT	8	35.68750000	22.58466215	4.00000000	74.00000000	7.98488388	285.50000000	510.0669643	63.285
TT	8	208.43750000	45.15088790	155.00000000	279.00000000	15.96324951	1667.50000000	2038.6026786	21.662
DP=DOWN SV=WD52									
PCT	6	96.87500000	45.01492808	41.00000000	170.50000000	18.37726743	581.25000000	2026.34375000	46.467
NPCT	6	40.04166667	34.79670123	2.00000000	106.25000000	14.20569379	240.25000000	1210.8104167	86.901
NAT	6	48.12500000	55.71394574	0.00000000	140.50000000	22.74512310	288.75000000	3104.04375000	115.769
TT	6	189.04166667	22.09548408	159.00000000	212.00000000	9.02044360	1110.25000000	488.2104167	11.941
DP=DOWN SV=WD53									
PCT	1	40.00000000		40.00000000	40.00000000		40.00000000		
NPCT	1	79.00000000		79.00000000	79.00000000		79.00000000		
NAT	1	106.50000000		106.50000000	106.50000000		106.50000000		
TT	1	225.50000000		225.50000000	225.50000000		225.50000000		
DP=DOWN SV=WD54									
PCT	3	92.50000000	73.02910379	11.00000000	152.00000000	42.16337273	277.50000000	5333.25000000	78.950
NPCT	3	26.33333333	17.26509002	6.50000000	38.00000000	9.96800437	79.00000000	298.083333	65.564
NAT	3	65.33333333	102.78780732	4.00000000	184.00000000	59.34456822	196.00000000	10565.333333	157.328
TT	3	184.16666667	42.38022338	157.00000000	233.00000000	24.46823337	552.50000000	1796.083333	23.012
DP=DOWN SV=WD55									
PCT	6	116.58333333	47.9562512	30.25000000	176.00000000	19.57833269	699.50000000	2299.86666667	41.135
NPCT	6	38.00000000	69.95141171	0.00000000	175.00000000	28.55754425	228.00000000	4893.20000000	184.083
NAT	6	30.20833333	27.90717500	1.00000000	80.00000000	11.39303649	181.25000000	778.8104167	92.382
TT	6	184.79166667	21.37780196	158.00000000	207.50000000	8.72745110	1108.75000000	457.0104167	11.569

14:13 THURSDAY, JUNE 13, 1985

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VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
DP=DQN SV=MD56									
PCT	4	139.37500000	71.98631059	22.50000000	183.00000000	38.99325529	557.50000000	6081.89583333	55.754
NPCT	4	12.62500000	13.26257265	0.00000000	27.50000000	6.63128633	50.50000000	175.89583333	105.050
NAT	4	60.50000000	44.56081986	23.00000000	122.00000000	22.28040993	242.00000000	1985.6666667	73.654
TT	4	212.50000000	27.89425809	172.00000000	240.00000000	14.94712904	850.00000000	893.6666667	14.068
DP=DQN SV=MD57									
PCT	3	173.66666667	25.79890179	144.50000000	193.50000000	14.89500289	521.00000000	665.58333333	14.855
NPCT	3	35.00000000	27.03549852	7.00000000	61.00000000	15.62049935	105.00000000	732.00000000	77.301
NAT	3	47.00000000	41.21892769	0.00000000	77.00000000	23.79775900	141.00000000	1699.00000000	87.700
TT	3	255.66666667	32.17271100	220.00000000	282.50000000	18.57492336	767.00000000	1035.08333333	12.584
DP=DQN SV=MD58									
PCT	8	97.68750000	46.80940649	10.50000000	160.00000000	16.54962438	781.50000000	2191.1205357	47.917
NPCT	8	45.56250000	66.03524195	7.50000000	206.50000000	23.33637709	364.50000000	4356.6919643	144.867
NAT	8	95.37500000	40.96169454	5.25000000	125.00000000	14.48213185	443.00000000	1677.8971429	73.971
TT	8	198.62500000	20.75365716	162.00000000	222.25000000	7.33752586	1589.00000000	430.7142857	10.449
DP=DQN SV=MD64									
PCT	8	131.18750000	37.62402111	85.00000000	178.00000000	13.30210023	1073.50000000	1415.5669643	28.038
NPCT	8	24.00000000	25.44882821	0.00000000	60.50000000	8.99751950	192.00000000	647.6428571	106.037
NAT	8	41.00000000	44.73732861	0.00000000	115.00000000	15.81703432	328.00000000	2001.4285714	109.115
TT	8	199.18750000	18.90188483	178.00000000	237.00000000	6.68282547	1573.50000000	357.2812500	9.489
DP=DQN SV=MD65									
PCT	7	76.42857143	28.53320848	47.00000000	131.00000000	10.79209839	675.00000000	815.2857143	29.611
NPCT	7	41.32142857	39.32893186	0.00000000	116.75000000	14.86493900	289.25000000	1546.7648810	95.178
NAT	7	40.28571429	35.62027333	8.00000000	88.00000000	13.46318045	282.00000000	1268.8005952	88.419
TT	7	178.03571429	29.75820215	115.50000000	203.00000000	11.24754319	1246.25000000	885.5505952	16.715
DP=DQN SV=MD66									
PCT	2	39.25000000	17.32411614	27.00000000	51.50000000	12.25000000	78.50000000	300.1250000	44.138
NPCT	2	118.25000000	56.92209589	78.00000000	158.50000000	40.25000000	236.50000000	3240.1250000	48.137
NAT	2	81.25000000	55.90788232	45.00000000	123.50000000	39.25000000	168.50000000	3081.1250000	65.885
TT	2	241.75000000	15.90990258	230.50000000	253.00000000	11.25000000	483.50000000	253.1250000	6.581
DP=DQN SV=MD67									
PCT	7	131.14285714	59.29777559	47.00000000	200.00000000	22.41245250	918.00000000	3516.2261905	45.216
NPCT	7	18.17857143	26.95564559	0.00000000	73.50000000	10.20339496	127.25000000	728.7648810	148.503
NAT	7	26.78571429	33.41763150	0.00000000	86.00000000	12.63067748	187.50000000	1116.7380952	124.759
TT	7	176.10714286	18.32567481	152.00000000	200.00000000	6.92645402	1232.75000000	335.8303571	10.406
DP=DQN SV=MD68									
PCT	5	146.55000000	23.33880888	123.00000000	177.00000000	10.43743263	732.75000000	544.70000000	15.925
NPCT	5	13.50000000	14.42653805	1.50000000	30.00000000	6.45174395	67.50000000	208.12500000	106.863
NAT	5	18.75000000	16.47820530	1.25000000	45.50000000	7.36927744	93.75000000	271.53125000	87.884
TT	5	178.80000000	11.04451221	171.25000000	197.75000000	4.93925602	894.00000000	121.98125000	6.177

14:13 THURSDAY, JUNE 13, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
DP=DN SV=WD71									
PCT	9	132.58333333	38.27520914	8.00000000	188.00000000	19.42506971	1193.25000000	3396.00000000	43.954
NPCT	9	34.44444444	47.66710373	0.00000000	143.00000000	15.88903498	310.00000000	2272.1527778	138.388
NAT	9	28.47222222	33.41744596	0.00000000	100.00000000	11.13914865	256.25000000	1116.7256944	117.369
TT	9	195.90000000	18.49957770	175.50000000	229.00000000	6.16632590	1759.50000000	342.2343750	9.463
DP=DN SV=WD72									
PCT	1	34.00000000		34.00000000	34.00000000		34.00000000		
NPCT	1	95.00000000		95.00000000	95.00000000		95.00000000		
NAT	1	47.00000000		47.00000000	47.00000000		47.00000000		
TT	1	176.00000000		176.00000000	176.00000000		176.00000000		
DP=DN SV=WD73									
PCT	10	159.42300000	44.17830821	63.00000000	204.00000000	13.97040771	1594.25000000	1951.7229167	27.711
NPCT	10	9.62300000	12.47511412	0.00000000	35.25000000	3.94497747	96.25000000	155.6284722	129.612
NAT	10	37.37500000	40.70647812	2.75000000	145.00000000	12.87251864	373.75000000	1657.0173611	108.914
TT	10	206.42300000	23.87090570	180.25000000	260.00000000	7.54864318	2064.25000000	969.8201389	11.564
DP=DN SV=WD74									
PCT	10	131.97500000	35.39936447	19.00000000	188.25000000	17.51881726	1319.75000000	3069.0895833	41.977
NPCT	10	25.69000000	30.94623474	0.00000000	92.00000000	9.78609868	256.50000000	957.6694444	120.648
NAT	10	31.37500000	40.70681932	0.00000000	106.00000000	12.87262653	313.75000000	1657.0451389	129.743
TT	10	189.00000000	43.02905993	154.00000000	301.50000000	13.60698350	1890.00000000	1851.5000000	22.767
DP=DN SV=WD75									
PCT	3	97.70000000	43.12713763	48.00000000	160.00000000	19.28704228	488.50000000	1859.9500000	44.142
NPCT	3	25.40000000	27.98973026	4.00000000	72.50000000	12.51738791	127.00000000	783.4250000	110.196
NAT	3	69.95000000	46.68257169	0.00000000	115.00000000	20.87708073	349.75000000	2179.2625000	66.737
TT	3	193.05000000	70.84851798	87.50000000	264.25000000	31.68442046	965.25000000	5019.5125000	36.700
DP=DPCCM SV=DPCCM									
PCT	23	126.97826087	48.15398555	16.50000000	194.00000000	10.04080008	2920.50000000	2318.8063241	37.923
NPCT	23	26.77173913	30.14924176	4.00000000	146.75000000	6.28655148	615.75000000	908.9767787	112.616
NAT	23	41.84782609	33.79573829	3.00000000	112.00000000	7.0469857	962.50000000	1142.1519269	80.759
TT	23	195.59782609	24.45830626	132.25000000	258.25000000	5.09990940	4498.75000000	998.2087451	12.504
DP=HG SV=HG									
PCT	2	1.75000000	2.47487373	0.00000000	3.50000000	1.75000000	3.50000000	6.12500000	141.421
NPCT	2	168.25000000	11.66726189	160.00000000	176.50000000	8.25000000	336.50000000	136.12500000	6.934
NAT	2	71.00000000	7.77817459	65.50000000	76.50000000	5.50000000	142.00000000	60.50000000	10.955
TT	2	241.00000000	16.97056275	229.00000000	253.00000000	12.00000000	482.00000000	288.00000000	7.042
DP=MED SV=CARD									
PCT	16	159.98437500	70.10827749	35.00000000	285.00000000	17.52706937	2559.75000000	4915.1705729	43.822
NPCT	16	59.89062500	40.91138480	9.75000000	167.00000000	10.22784620	958.25000000	1673.7414063	68.310
NAT	16	27.28125000	36.47646216	0.00000000	116.50000000	9.11911954	436.50000000	1330.5322917	133.705
TT	16	247.15625000	46.16229296	171.00000000	325.00000000	11.54037324	3954.50000000	2130.9572917	18.677

14:13 THURSDAY, JUNE 13, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C V
----- DP=MED SV=DERM -----									
PCT	13	100.98076923	56.45891404	0.00000000	190.00000000	15.65888535	1312.7500000	3187.6089744	55.911
NPCT	13	77.92307692	53.58563868	0.00000000	169.50000000	14.86198215	1013.0000000	2871.4206731	68.767
NAT	13	43.75000000	38.68812264	0.00000000	112.00000000	10.73015461	568.7500000	1496.7708333	88.430
TT	13	222.63384615	54.63873192	146.00000000	365.00000000	15.15405766	2894.5000000	2985.3910256	24.540
----- DP=MED SV=ENDO -----									
PCT	9	85.58333333	70.17968011	22.00000000	247.00000000	23.39323670	770.2500000	4925.1875000	82.002
NPCT	9	120.08333333	46.09433262	41.00000000	177.00000000	15.36477754	1080.7500000	2124.6875000	38.385
NAT	9	18.05555556	18.07353805	0.00000000	48.00000000	6.02451268	162.5000000	326.6327778	100.100
TT	9	223.72222222	39.46070919	173.00000000	288.00000000	13.15356973	2013.5000000	1557.1475694	17.638
----- DP=MED SV=ER -----									
PCT	3	78.00000000	83.16249155	14.00000000	172.00000000	48.01388688	234.0000000	6916.0000000	106.619
NPCT	3	80.00000000	71.84010022	21.00000000	160.00000000	41.47690120	240.0000000	5161.0000000	89.800
NAT	3	71.33333333	63.8831391	24.00000000	144.00000000	36.88420318	214.0000000	4081.3333333	89.559
TT	3	224.33333333	43.59281286	179.00000000	255.00000000	25.16832224	688.0000000	1900.3333333	19.008
----- DP=MED SV=GI -----									
PCT	14	112.53571429	61.74839278	32.50000000	244.00000000	16.50295214	1575.5000000	3812.8640110	54.870
NPCT	14	80.64285714	48.2867410	8.00000000	155.50000000	12.90523667	1129.0000000	2331.6318681	59.878
NAT	14	22.96428571	25.27499851	0.00000000	84.50000000	6.75502749	321.5000000	638.8255495	110.062
TT	14	216.14285714	24.42604897	174.50000000	263.50000000	6.52813618	3026.0000000	596.6318681	11.301
----- DP=MED SV=GM -----									
PCT	23	226.17391304	117.56232474	17.00000000	374.00000000	24.51343926	5202.0000000	13820.900198	51.479
NPCT	23	67.14130435	56.65229004	0.00000000	193.00000000	11.81281906	1544.2500000	3209.481966	84.378
NAT	23	13.28260870	21.17504217	0.00000000	76.00000000	4.41530151	305.5000000	448.382411	159.419
TT	23	306.59782609	77.36963886	185.00000000	447.00000000	16.13268491	7051.7500000	5986.061018	25.235
----- DP=MED SV=HEM/ONG -----									
PCT	9	105.77777778	40.46534869	62.00000000	181.00000000	13.48844956	961.0000000	1637.4444444	37.897
NPCT	9	78.11111111	32.65614201	20.50000000	126.00000000	10.88538067	703.0000000	1066.4236111	41.807
NAT	9	28.94444444	17.80527388	5.00000000	65.00000000	5.93509129	260.5000000	317.0277778	61.515
TT	9	213.83333333	41.44499367	163.00000000	306.00000000	13.81497789	1924.5000000	1717.6875000	19.382
----- DP=MED SV=INF -----									
PCT	2	135.50000000	105.35891040	61.00000000	210.00000000	74.50000000	271.0000000	11100.500000	77.756
NPCT	2	61.25000000	44.90128061	29.50000000	93.00000000	31.75000000	122.5000000	2016.125000	73.308
NAT	2	24.00000000	21.21320344	9.00000000	39.00000000	15.00000000	48.0000000	450.000000	88.388
TT	2	220.75000000	39.24442636	193.00000000	248.50000000	27.75000000	441.5000000	1540.125000	17.178
----- DP=MED SV=NEPHRO -----									
PCT	2	217.00000000	155.56349186	107.00000000	327.00000000	110.00000000	434.0000000	24200.000000	71.688
NPCT	2	91.00000000	0.00000000	91.00000000	91.00000000	0.00000000	182.0000000	0.000000	0.000
NAT	2	18.50000000	21.92031022	3.00000000	34.00000000	15.50000000	37.0000000	480.500000	118.488
TT	2	326.50000000	133.64318164	232.00000000	421.00000000	94.50000000	653.0000000	17860.500000	40.932

14:13 THURSDAY, JUNE 13, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C/
DP=MED SV=QFC									
PCT	2	63.00000000	9.89949494	56.00000000	70.00000000	7.00000000	126.00000000	98.00000000	15. /13
NPCT	2	141.00000000	4.24264069	138.00000000	144.00000000	3.00000000	282.00000000	18.00000000	3.009
NAT	2	15.25000000	7.42462120	10.00000000	20.50000000	5.25000000	30.50000000	55.12500000	48.686
TT	2	219.25000000	1.76776695	218.00000000	220.50000000	1.25000000	438.50000000	3.12500000	0.806
DP=MED SV=PULM									
PCT	10	80.80000000	52.00598256	28.00000000	198.00000000	16.44573569	808.00000000	2704.62222222	64.364
NPCT	10	100.35000000	34.26615596	49.00000000	153.00000000	10.83590995	1003.50000000	1174.16944444	34.147
NAT	10	42.40000000	24.64165398	8.00000000	83.00000000	7.79237519	424.00000000	607.21111111	58.117
TT	10	223.55000000	24.30986311	191.00000000	276.00000000	7.68745370	2235.50000000	590.96944444	10.874
DP=MED SV=RHEUM									
PCT	1	104.00000000		104.00000000	104.00000000		104.00000000		
NPCT	1	73.00000000		73.00000000	73.00000000		73.00000000		
NAT	1	0.00000000		0.00000000	0.00000000		0.00000000		
TT	1	177.00000000		177.00000000	177.00000000		177.00000000		
DP=NEURO SV=NEURO									
PCT	23	138.70652174	95.90169126	0.00000000	333.00000000	19.99688496	3190.25000000	9197.1343874	69.140
NPCT	23	61.04347826	51.16570963	0.00000000	160.00000000	10.66878796	1473.50000000	2617.9298419	79.892
NAT	23	19.18478261	24.74968060	0.00000000	89.50000000	5.16066515	441.25000000	612.5466897	129.007
TT	23	221.93478261	73.81761990	36.00000000	386.25000000	15.39203776	5104.50000000	5449.0410079	33.261
DP=OBGYN SV=OBGYN									
PCT	14	187.53571429	102.7177321	51.00000000	388.00000000	27.45247964	2625.50000000	10550.940934	54. /72
NPCT	14	69.00000000	41.77872112	23.00000000	144.00000000	11.16583289	966.00000000	1745.461538	60.549
NAT	14	27.30357143	22.66057627	0.00000000	72.50000000	6.05629376	382.25000000	513.501717	82.995
TT	14	283.83928571	75.33946299	195.00000000	419.00000000	20.13531844	3973.75000000	5676.034684	26.543
DP=PATH SV=PATH									
PCT	19	97.88157895	71.84089135	7.00000000	264.00000000	16.48143081	1859.75000000	5161.1136696	73.396
NPCT	19	95.38157895	49.60390302	16.00000000	179.25000000	11.38037464	1812.25000000	2460.7496140	52.008
NAT	19	28.78947368	30.17981564	0.00000000	108.50000000	6.92372455	547.00000000	910.8212719	104.829
TT	19	224.05263158	40.81773333	176.00000000	307.00000000	9.36423025	4219.00000000	1666.0873538	18.382
DP=PED SV=PED									
PCT	29	187.64655172	110.96708644	49.00000000	380.00000000	20.60607064	5441.75000000	12313.694273	59.136
NPCT	29	72.62068966	57.06417208	0.00000000	214.50000000	10.59659073	2106.00000000	3256.319735	78.578
NAT	29	39.50000000	38.07048210	0.00000000	136.00000000	7.06951105	1145.50000000	1449.361607	96.381
TT	29	299.76724138	71.35277459	201.25000000	438.00000000	13.24987761	8693.25000000	5091.218442	23.803
DP=PHYSMED SV=MD									
PCT	10	92.15000000	63.41790869	0.00000000	218.00000000	20.68695912	901.50000000	4279.502778	72.566
NPCT	10	72.12500000	51.17335054	0.00000000	168.50000000	16.18243432	721.25000000	2618.7118056	70.951
NAT	10	50.90000000	56.36084141	0.00000000	176.00000000	17.82286297	509.00000000	3176.544444	110.729
TT	10	213.17500000	32.92500949	176.00000000	288.00000000	10.41180220	2131.75000000	1084.0562500	15.445

14:13 THURSDAY, JUNE 13, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
DP=PHYSMED SV=MED									
PCT	1	69.5000000		69.5000000	69.5000000		69.5000000		
MPCT	1	120.7500000		120.7500000	120.7500000		120.7500000		
NAT	1	2.0000000		2.0000000	2.0000000		2.0000000		
TT	1	192.2500000		192.2500000	192.2500000		192.2500000		
DP=PHYSMED SV=OT									
PCT	7	64.28571429	33.25859180	6.0000000	106.0000000	12.57056612	450.000000	1106.1339286	51.736
MPCT	7	93.64285714	13.22234310	73.5000000	111.2500000	4.99757594	655.900000	174.8303571	14.120
NAT	7	42.53571429	26.10253363	14.0000000	90.0000000	9.86583037	297.750000	681.3422619	61.366
TT	7	203.46428571	13.18729547	184.0000000	217.7500000	4.98432918	1403.250000	173.9047619	6.578
DP=PHYSMED SV=PT									
PCT	10	52.7500000	33.43256064	42.5000000	161.0000000	10.57230396	927.500000	1117.7361111	36.046
MPCT	10	56.0750000	37.67773621	17.5000000	144.5000000	11.91474635	560.750000	1419.6118056	67.192
NAT	10	50.0000000	25.61981655	8.0000000	99.0000000	8.10169735	500.000000	656.3750000	51.240
TT	10	198.8250000	17.51112741	182.0000000	234.5000000	5.53750470	1988.250000	306.6395833	8.807
DP=PREVME SV=PREVME									
PCT	5	44.6000000	24.42949038	22.0000000	72.0000000	10.92520023	223.000000	596.8000000	54.775
MPCT	5	90.1500000	49.51060492	34.2500000	150.0000000	22.14181564	450.750000	2451.3000000	54.920
NAT	5	52.2000000	43.46636631	14.5000000	125.5000000	19.43874996	261.000000	1889.3250000	83.269
TT	5	186.9500000	14.78639577	176.0000000	212.0000000	6.61267722	934.750000	218.6375000	7.909
DP=PSYCH SV=PSYCH									
PCT	35	59.96428571	30.35634823	13.5000000	159.5000000	5.13115937	2098.750000	921.5078782	50.624
MPCT	35	119.15714286	26.90991820	63.0000000	172.5000000	4.54860637	4170.500000	724.1436975	22.584
NAT	35	27.24285714	19.45436645	1.0000000	76.0000000	3.28838812	953.500000	378.4723739	71.411
TT	35	206.36428571	40.98162890	125.0000000	310.0000000	6.92715961	7222.750000	1679.4939076	19.859
DP=RAD SV=RAD									
PCT	43	123.56976744	52.83674107	0.0000000	241.0000000	8.05752747	5313.500000	2791.7212071	42.759
MPCT	43	77.17441860	46.09409162	0.0000000	204.0000000	7.02928307	3318.500000	2124.6652824	59.727
NAT	43	36.67441860	32.59032936	0.0000000	109.0000000	4.96997863	1577.000000	1062.1295681	88.864
TT	43	237.41860465	46.91721816	168.5000000	368.0000000	7.15480869	10209.000000	2201.2253599	19.761
DP=SURO SV=ANES									
PCT	35	206.64285714	66.73031451	0.0000000	312.0000000	11.27948184	7232.500000	4452.9348739	32.293
MPCT	35	25.37142857	29.09324332	0.0000000	128.0000000	4.91765567	888.000000	846.4168067	114.669
NAT	35	24.82857143	40.37506927	0.0000000	176.0000000	6.82463232	869.000000	1630.1462185	162.619
TT	35	256.84285714	32.02682043	176.0000000	323.0000000	5.41352071	8989.500000	1025.7172269	12.469
DP=SURO SV=AUDIO									
PCT	6	47.91666667	41.47941256	8.5000000	108.5000000	16.93389927	287.500000	1720.5416667	86.566
MPCT	6	71.62500000	21.22719364	37.5000000	94.0000000	8.66596552	429.750000	450.5937500	29.637
NAT	6	72.45833333	45.31788186	20.5000000	146.0000000	18.50094780	434.750000	2053.7104167	62.343
TT	6	192.0000000	14.32916606	178.0000000	216.0000000	5.84985755	1152.000000	205.3250000	7.463

14:13 THURSDAY, JUNE 13, 1985 10

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VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
DP=SURQ SV=CHIEF									
PCT	1	123.00000000		123.00000000	123.00000000		123.00000000		
NPCT	1	163.00000000		163.00000000	163.00000000		163.00000000		
NAT	1	33.00000000		33.00000000	33.00000000		33.00000000		
TT	1	319.00000000		319.00000000	319.00000000		319.00000000		
DP=SURQ SV=ENT									
PCT	13	129.53846134	59.99807689	0.00000000	202.00000000	16.64047231	1684.00000000	3599.7692308	46.317
NPCT	13	68.76923077	32.21581870	0.00000000	103.00000000	8.93506048	894.00000000	1037.8989744	46.846
NAT	13	56.92307692	55.67329933	0.00000000	172.00000000	15.44654203	740.00000000	3101.7435897	97.840
TT	13	259.23076923	36.12283176	172.00000000	294.00000000	10.01867093	3318.00000000	1304.8589744	14.153
DP=SURQ SV=GEN									
PCT	25	260.27000000	122.32883280	46.00000000	528.00000000	24.46576656	6506.75000000	14964.343333	47.001
NPCT	25	98.55000000	50.03402914	0.00000000	200.00000000	10.01080583	1463.00000000	2505.405833	85.533
NAT	25	29.67000000	37.32896552	0.00000000	135.00000000	7.46579310	741.75000000	1393.451667	125.814
TT	25	348.46000000	78.75038624	211.00000000	554.00000000	15.75007725	8711.50000000	6201.623333	22.600
DP=SURQ SV=NEURO									
PCT	11	176.18181818	133.42081410	16.00000000	381.00000000	40.22788906	1938.00000000	17801.113636	75.729
NPCT	11	114.50000000	66.67683256	25.00000000	239.00000000	20.10382144	1259.50000000	4445.800000	58.233
NAT	11	28.95454545	29.87846595	0.00000000	80.00000000	9.00869644	318.50000000	892.722727	103.191
TT	11	319.63636364	77.89134915	234.00000000	443.00000000	23.48211030	3516.00000000	6065.504545	24.366
DP=SURQ SV=OPTH									
PCT	23	143.61304348	72.98523707	29.50000000	323.00000000	15.13506818	3303.10000000	5268.6166403	50.542
NPCT	23	36.61956522	43.36328238	0.00000000	186.50000000	9.04186942	842.25000000	1880.3742589	118.416
NAT	23	41.7173913	36.26801379	0.00000000	154.00000000	7.56240364	960.75000000	1315.3688241	86.824
TT	23	222.00434783	49.67031803	133.00000000	358.00000000	10.36114755	5106.10000000	2469.1277075	22.383
DP=SURQ SV=ORGAN									
PCT	2	115.00000000	45.29483400	83.00000000	147.00000000	32.00000000	230.00000000	2048.0000000	39.352
NPCT	2	105.50000000	9.54594155	98.75000000	112.25000000	6.75000000	211.00000000	91.12500000	9.048
NAT	2	24.12500000	32.70368863	1.00000000	47.25000000	23.12500000	48.25000000	1069.5312500	135.559
TT	2	244.62500000	3.00520382	242.50000000	246.75000000	2.12500000	489.25000000	9.0312500	1.228
DP=SURQ SV=ORTHO									
PCT	21	126.80952381	83.11595457	0.00000000	254.00000000	18.13738825	2663.00000000	6908.2619048	65.544
NPCT	21	58.07142857	55.36973129	0.00000000	222.00000000	12.08266594	1219.50000000	3065.8071429	95.348
NAT	21	53.95238095	66.61717210	0.00000000	176.00000000	14.53705875	1133.00000000	4437.8476190	123.474
TT	21	238.83333333	43.76109383	176.00000000	304.00000000	9.54945357	5015.50000000	1915.0333333	18.323
DP=SURQ SV=PERI									
PCT	3	270.91666667	193.53073615	91.50000000	476.00000000	111.73502261	812.75000000	37454.145833	71.436
NPCT	3	66.83333333	59.48366602	24.00000000	134.75000000	34.34273739	200.50000000	3538.270833	89.003
NAT	3	31.33333333	27.13546265	0.00000000	47.00000000	15.66666667	94.00000000	736.333333	86.603
TT	3	369.08333333	117.37555467	273.25000000	500.00000000	67.76680808	1107.25000000	13777.020833	31.802

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14:14 THURSDAY, JUNE 13, 1985

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
DP=SURG SV=PLASTIC									
PCT	6	174.4166667	41.9158880	140.5000000	247.0000000	17.11208962	1046.500000	1756.9416667	24.032
NPCT	6	54.45833333	30.35721359	7.0000000	83.0000000	12.39328055	326.750000	921.5604167	55.744
NAT	6	28.83333333	21.55380863	0.0000000	59.0000000	8.79930553	173.000000	464.5666667	74.753
TT	6	257.70833333	23.66770831	231.0000000	295.0000000	9.66230146	1546.250000	560.1604167	9.184
DP=SURG SV=THOR									
PCT	4	257.1250000	169.89230657	87.0000000	481.5000000	84.94615329	1028.500000	28863.395833	66.074
NPCT	4	57.8750000	22.59194178	24.0000000	70.0000000	11.29597089	231.500000	510.395833	39.036
NAT	4	16.6250000	22.05060468	0.5000000	48.0000000	11.02330234	66.500000	486.229167	132.635
TT	4	331.6250000	150.73230963	171.5000000	506.0000000	75.36615482	1326.500000	22720.229167	45.453
DP=SURG SV=URD									
PCT	10	185.3000000	104.71872378	0.0000000	319.0000000	33.11496808	1853.000000	10966.011111	56.513
NPCT	10	23.8000000	27.95552023	0.0000000	69.0000000	8.84031171	238.000000	781.511111	117.460
NAT	10	36.6000000	73.59981884	0.0000000	176.0000000	23.27430629	366.000000	5416.933333	201.092
TT	10	245.7000000	46.99420768	176.0000000	331.0000000	14.86087331	2457.000000	2208.455556	19.127
DP=SMS SV=SMS									
PCT	8	63.31250000	41.76288296	0.0000000	105.5000000	14.76540887	506.500000	1744.1383929	65.963
NPCT	8	61.09375000	47.39121707	9.0000000	155.5000000	16.75552548	512.750000	2245.9274554	73.940
NAT	8	51.03125000	36.50402069	8.5000000	94.0000000	12.90612029	408.250000	1332.5435268	71.533
TT	8	178.43750000	26.98470135	117.0000000	204.5000000	9.54053266	1427.500000	728.1741071	15.123

APPENDIX Q

PROVIDER TIME BY DEPARTMENT/SERVICE/RANK

PROVIDER TIME BY DEPARTMENT/SERVICE/RANK

13 27 FRIDAY, JUNE 7, 1985

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
DP=03GYN RK=06									
PCT	1	102.00000000		102.00000000	102.00000000		102.00000000		
NPCT	1	144.00000000		144.00000000	144.00000000		144.00000000		
NAT	1	8.50000000		8.50000000	8.50000000		8.50000000		
TT	1	254.50000000		254.50000000	254.50000000		254.50000000		
DP=ALLERIM SV=ALLERIM RK=03									
PCT	2	135.50000000	77.07463915	82.00000000	191.00000000	54.50000000	273.00000000	5940.50000000	56.42
NPCT	2	67.50000000	30.40559159	46.00000000	89.00000000	21.50000000	135.00000000	924.50000000	45.14
NAT	2	5.50000000	7.77817459	0.00000000	11.00000000	5.50000000	11.00000000	60.50000000	141.42
TT	2	209.50000000	38.89087297	182.00000000	237.00000000	27.50000000	419.00000000	1512.50000000	18.36
DP=ALLERIM SV=ALLERIM RK=04									
PCT	2	101.00000000	57.98275606	60.00000000	142.00000000	41.00000000	202.00000000	3362.00000000	57.40
NPCT	2	97.00000000	86.26702730	36.00000000	158.00000000	61.00000000	194.00000000	7442.00000000	88.93
NAT	2	16.00000000	16.97054275	4.00000000	28.00000000	12.00000000	32.00000000	288.00000000	106.06
TT	2	214.00000000	45.25453400	182.00000000	246.00000000	32.00000000	428.00000000	2048.00000000	21.14
DP=ALLERIM SV=ALLERIM RK=05									
PCT	2	61.00000000	49.49747468	26.00000000	96.00000000	35.00000000	122.00000000	2450.00000000	81.14
NPCT	2	69.00000000	8.48528137	62.00000000	74.00000000	6.00000000	136.00000000	72.00000000	12.47
NAT	2	62.50000000	27.57716447	43.00000000	82.00000000	19.50000000	125.00000000	760.50000000	44.12
TT	2	191.50000000	13.43502884	182.00000000	201.00000000	9.50000000	383.00000000	180.50000000	7.01
DP=ALLERIM SV=ALLERIM RK=06									
PCT	2	109.87500000	1.59097026	108.75000000	111.00000000	1.12500000	219.75000000	2.53125000	1.44
NPCT	2	120.25000000	42.7794026	90.00000000	150.50000000	30.25000000	240.50000000	1830.12500000	35.17
NAT	2	30.25000000	10.96015511	22.50000000	38.00000000	7.75000000	60.50000000	120.12500000	36.32
TT	2	262.37500000	30.22881490	239.00000000	281.75000000	21.37500000	520.75000000	913.78125000	11.51
DP=CLININV SV=CLININV RK=05									
PCT	2	97.00000000	48.08326112	23.00000000	91.00000000	34.00000000	114.00000000	2312.00000000	84.37
NPCT	2	105.75000000	49.14372129	71.00000000	140.50000000	34.75000000	211.50000000	2415.12500000	46.47
NAT	2	11.50000000	16.26343597	0.00000000	23.00000000	11.50000000	23.00000000	264.50000000	141.43
TT	2	174.25000000	15.20279580	163.50000000	185.00000000	10.75000000	348.50000000	231.12500000	8.31
DP=DDN SV=4FNS RK=03									
PCT	1	83.00000000		83.00000000	83.00000000		83.00000000		
NPCT	1	131.50000000		131.50000000	131.50000000		131.50000000		
NAT	1	5.75000000		5.75000000	5.75000000		5.75000000		
TT	1	220.25000000		220.25000000	220.25000000		220.25000000		
DP=DDN SV=4FNS RK=04									
PCT	2	169.00000000	22.62741700	152.00000000	184.00000000	16.00000000	336.00000000	512.00000000	13.46
NPCT	2	31.50000000	41.71930009	2.00000000	61.00000000	29.50000000	63.00000000	1740.50000000	132.44
NAT	2	30.75000000	37.83021279	4.00000000	57.50000000	26.75000000	61.50000000	1431.12500000	123.02
TT	2	230.25000000	102.17692988	158.00000000	302.50000000	72.25000000	460.50000000	10440.12500000	44.37

13:27 FRIDAY, JUNE 7, 1985

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VARIANCE

SUM

STD ERROR
OF MEANMAXIMUM
VALUEMINIMUM
VALUESTANDARD
DEVIATION

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N

VARIABLE

DP=DCN SV=4FNS RK=05

Variable	N	Mean	Standard Deviation	Minimum Value	Maximum Value	Std Error of Mean	Sum	Variance
POI	1	0.00000000		0.00000000	0.00000000		0.00000000	
POI	1	65.00000000		65.00000000	65.00000000		65.00000000	
POI	1	134.00000000		134.00000000	134.00000000		134.00000000	
POI	1	199.00000000		199.00000000	199.00000000		199.00000000	

DP=DCN SV=5FNS RK=04

Variable	N	Mean	Standard Deviation	Minimum Value	Maximum Value	Std Error of Mean	Sum	Variance
POI	1	0.00000000		0.00000000	0.00000000		0.00000000	
POI	1	87.00000000		87.00000000	87.00000000		87.00000000	
POI	1	96.00000000		96.00000000	96.00000000		96.00000000	
POI	1	183.00000000		183.00000000	183.00000000		183.00000000	

DP=DCN SV=5FNS RK=05

Variable	N	Mean	Standard Deviation	Minimum Value	Maximum Value	Std Error of Mean	Sum	Variance
POI	2	77.00000000	109.89414430	0.00000000	154.00000000	77.00000000	154.00000000	11898.000000
POI	2	131.50000000	171.82694783	10.00000000	253.00000000	121.50000000	263.00000000	29524.500000
POI	2	39.50000000	37.47669940	4.00000000	97.00000000	26.50000000	61.00000000	1404.500000
POI	2	239.00000000	100.40916293	168.00000000	310.00000000	71.00000000	478.00000000	10082.000000

DP=DCN SV=6FNS RK=04

Variable	N	Mean	Standard Deviation	Minimum Value	Maximum Value	Std Error of Mean	Sum	Variance
POI	1	31.50000000		31.50000000	31.50000000		31.50000000	
POI	1	97.00000000		97.00000000	97.00000000		97.00000000	
POI	1	83.00000000		83.00000000	83.00000000		83.00000000	
POI	1	211.50000000		211.50000000	211.50000000		211.50000000	

DP=DCN SV=6FNS RK=05

Variable	N	Mean	Standard Deviation	Minimum Value	Maximum Value	Std Error of Mean	Sum	Variance
POI	1	28.50000000		28.50000000	28.50000000		28.50000000	
POI	1	131.50000000		131.50000000	131.50000000		131.50000000	
POI	1	50.00000000		50.00000000	50.00000000		50.00000000	
POI	1	210.00000000		210.00000000	210.00000000		210.00000000	

DP=DCN SV=7FNS RK=05

Variable	N	Mean	Standard Deviation	Minimum Value	Maximum Value	Std Error of Mean	Sum	Variance
POI	1	1.00000000		1.00000000	1.00000000		1.00000000	
POI	1	189.00000000		189.00000000	189.00000000		189.00000000	
POI	1	29.00000000		29.00000000	29.00000000		29.00000000	
POI	1	219.00000000		219.00000000	219.00000000		219.00000000	

DP=DCN SV=ANES RK=03

Variable	N	Mean	Standard Deviation	Minimum Value	Maximum Value	Std Error of Mean	Sum	Variance
POI	3	131.00000000	39.50000000	85.50000000	156.50000000	22.80533563	393.00000000	1560.25000000
POI	3	5.50000000	7.08872344	0.00000000	13.50000000	4.09267639	16.50000000	50.25000000
POI	3	79.33333333	50.36202273	23.00000000	120.00000000	29.07652738	238.00000000	2536.33333333
POI	3	219.83333333	44.90081662	177.00000000	265.00000000	25.92349856	647.50000000	2016.08333333

DP=DCN SV=ANES RK=04

Variable	N	Mean	Standard Deviation	Minimum Value	Maximum Value	Std Error of Mean	Sum	Variance
POI	1	147.00000000		147.00000000	147.00000000		147.00000000	
POI	1	25.00000000		25.00000000	25.00000000		25.00000000	
POI	1	28.00000000		28.00000000	28.00000000		28.00000000	
POI	1	200.00000000		200.00000000	200.00000000		200.00000000	

13:27 FRIDAY, JUNE 7, 1985

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VARIABLE	N	HFAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- DP=DON SV=ANS RK=06 -----									
PCT	1	8.00000000		8.00000000	8.00000000		8.00000000		
FACT	1	185.50000000		185.50000000	185.50000000		185.50000000		
VAL	1	70.00000000		70.00000000	70.00000000		70.00000000		
TT	1	263.50000000		263.50000000	263.50000000		263.50000000		
----- DP=DON SV=ANS RK=03 -----									
PCT	1	159.00000000		159.00000000	159.00000000		159.00000000		
FACT	1	27.50000000		27.50000000	27.50000000		27.50000000		
VAL	1	0.00000000		0.00000000	0.00000000		0.00000000		
TT	1	186.50000000		186.50000000	186.50000000		186.50000000		
----- DP=DON SV=ANS RK=04 -----									
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
FACT	1	195.25000000		195.25000000	195.25000000		195.25000000		
VAL	1	34.25000000		34.25000000	34.25000000		34.25000000		
TT	1	229.50000000		229.50000000	229.50000000		229.50000000		
----- DP=DON SV=ANS RK=06 -----									
PCT	1	3.00000000		3.00000000	3.00000000		3.00000000		
FACT	1	138.00000000		138.00000000	138.00000000		138.00000000		
VAL	1	66.00000000		66.00000000	66.00000000		66.00000000		
TT	1	207.00000000		207.00000000	207.00000000		207.00000000		
----- DP=DON SV=CMS RK=02 -----									
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
FACT	1	150.00000000		150.00000000	150.00000000		150.00000000		
VAL	1	16.00000000		16.00000000	16.00000000		16.00000000		
TT	1	166.00000000		166.00000000	166.00000000		166.00000000		
----- DP=DON SV=CMS RK=03 -----									
PCT	1	42.00000000		42.00000000	42.00000000		42.00000000		
FACT	1	184.00000000		184.00000000	184.00000000		184.00000000		
VAL	1	3.50000000		3.50000000	3.50000000		3.50000000		
TT	1	229.50000000		229.50000000	229.50000000		229.50000000		
----- DP=DON SV=CMS RK=05 -----									
PCT	1	6.00000000		6.00000000	6.00000000		6.00000000		
FACT	1	164.00000000		164.00000000	164.00000000		164.00000000		
VAL	1	21.50000000		21.50000000	21.50000000		21.50000000		
TT	1	191.50000000		191.50000000	191.50000000		191.50000000		
----- DP=DON SV=CNS RK=03 -----									
PCT	1	49.00000000		49.00000000	49.00000000		49.00000000		
FACT	1	106.00000000		106.00000000	106.00000000		106.00000000		
VAL	1	145.00000000		145.00000000	145.00000000		145.00000000		
TT	1	300.00000000		300.00000000	300.00000000		300.00000000		

13:27 FRIDAY, JUNE 7, 1985

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VARIABLE N IN-AN STANDARD DEVIATION MINIMUM VALUE MAXIMUM VALUE STD ERROR OF MEAN SUM VARIANCE C

DP=DCN SV=INFC RK=03

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PC1	1	125.00000000		125.00000000	125.00000000		125.00000000		
PC2	1	81.50000000		81.50000000	81.50000000		81.50000000		
PC3	1	8.25000000		8.25000000	8.25000000		8.25000000		
TC	1	214.75000000		214.75000000	214.75000000		214.75000000		

DP=DCN SV=INFC RK=04

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PC1	1	0.00000000		0.00000000	0.00000000		0.00000000		
PC2	1	224.00000000		224.00000000	224.00000000		224.00000000		
PC3	1	1.00000000		1.00000000	1.00000000		1.00000000		
TC	1	225.00000000		225.00000000	225.00000000		225.00000000		

DP=DCN SV=INFC RK=05

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PC1	1	0.00000000		0.00000000	0.00000000		0.00000000		
PC2	1	143.50000000		143.50000000	143.50000000		143.50000000		
PC3	1	16.50000000		16.50000000	16.50000000		16.50000000		
TC	1	160.00000000		160.00000000	160.00000000		160.00000000		

DP=DCN SV=NETS RK=03

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PC1	2	6.50000000	9.19238816	0.00000000	13.00000000	6.50000000	13.00000000	84.50000000	141.421
PC2	2	97.75000000	90.86327138	33.50000000	162.00000000	64.25000000	195.50000000	8256.12500000	92.452
PC3	2	82.50000000	91.21677477	18.00000000	147.00000000	64.50000000	165.00000000	8320.50000000	110.562
TC	2	186.75000000	9.54594155	180.00000000	193.50000000	6.75000000	373.50000000	91.12500000	5.112

DP=DCN SV=NETS RK=04

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PC1	4	4.00000000	8.00000000	0.00000000	16.00000000	4.00000000	16.00000000	64.00000000	200.000
PC2	4	151.87500000	18.16762230	132.00000000	172.00000000	9.08381115	607.50000000	330.06250000	11.462
PC3	4	47.25000000	31.63726705	7.00000000	78.00000000	15.81863353	189.00000000	1000.916667	66.957
TC	4	203.12500000	25.70465263	179.00000000	239.50000000	12.85232631	812.50000000	660.7291667	12.652

DP=DCN SV=NETS RK=05

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PC1	1	59.50000000		59.50000000	59.50000000		59.50000000		
PC2	1	88.00000000		88.00000000	88.00000000		88.00000000		
PC3	1	33.00000000		33.00000000	33.00000000		33.00000000		
TC	1	180.50000000		180.50000000	180.50000000		180.50000000		

DP=DCN SV=NETS RK=06

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PC1	2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
PC2	2	167.50000000	6.01040764	163.25000000	171.75000000	4.25000000	335.00000000	36.12500000	3.582
PC3	2	25.37500000	27.40038777	6.00000000	44.75000000	19.37500000	50.75000000	750.78125000	107.482
TC	2	192.87500000	21.38998013	177.75000000	208.00000000	15.12500000	385.75000000	457.53125000	11.090

DP=DCN SV=NR RK=04

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PC1	1	19.00000000		19.00000000	19.00000000		19.00000000		
PC2	1	108.00000000		108.00000000	108.00000000		108.00000000		
PC3	1	62.50000000		62.50000000	62.50000000		62.50000000		
TC	1	189.50000000		189.50000000	189.50000000		189.50000000		

13:27 FRIDAY, JUNE 7, 1985

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VARIANCE

SUM

STD ERROR
OF MEANMAXIMUM
VALUEMINIMUM
VALUESTANDARD
DEVIATION

N=AN

N

VARIABLE

----- DP=DN SV=NR RK=05 -----									
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
PCT	1	181.50000000		181.50000000	181.50000000		181.50000000		
PCT	1	37.00000000		37.00000000	37.00000000		37.00000000		
PCT	1	218.50000000		218.50000000	218.50000000		218.50000000		
----- DP=DN SV=DR RK=01 -----									
PCT	1	152.00000000		152.00000000	152.00000000		152.00000000		
PCT	1	10.25000000		10.25000000	10.25000000		10.25000000		
PCT	1	3.00000000		3.00000000	3.00000000		3.00000000		
PCT	1	165.25000000		165.25000000	165.25000000		165.25000000		
----- DP=DN SV=DR RK=02 -----									
PCT	1	163.25000000		163.25000000	163.25000000		163.25000000		
PCT	1	10.50000000		10.50000000	10.50000000		10.50000000		
PCT	1	3.75000000		3.75000000	3.75000000		3.75000000		
PCT	1	177.50000000		177.50000000	177.50000000		177.50000000		
----- DP=DN SV=DR RK=03 -----									
PCT	4	171.18750000	35.35379223	91.50000000	164.25000000	17.67689611	484.75000000	1249.8906250	29.170
PCT	4	30.62500000	38.53434615	0.00000000	80.00000000	19.26717308	122.50000000	1484.8958333	125.826
PCT	4	24.31250000	39.12979204	4.00000000	83.00000000	19.56489602	97.25000000	1531.1406250	160.945
PCT	4	176.12500000	6.43072054	168.25000000	184.00000000	3.21536027	704.50000000	41.3541667	3.651
----- DP=DN SV=DR RK=04 -----									
PCT	2	136.25000000	10.60660172	128.75000000	143.75000000	7.50000000	272.50000000	112.50000000	7.785
PCT	2	18.87500000	10.78337841	11.25000000	26.50000000	7.62500000	37.75000000	116.28125000	57.130
PCT	2	20.12500000	28.46104794	0.00000000	40.25000000	20.12500000	40.25000000	810.03125000	141.421
PCT	2	175.25000000	7.07106781	170.25000000	180.25000000	5.00000000	350.50000000	50.00000000	4.035
----- DP=DN SV=DR RK=06 -----									
PCT	1	14.00000000		14.00000000	14.00000000		14.00000000		
PCT	1	243.00000000		243.00000000	243.00000000		243.00000000		
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
PCT	1	257.00000000		257.00000000	257.00000000		257.00000000		
----- DP=DN SV=GA RK=03 -----									
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
PCT	1	176.25000000		176.25000000	176.25000000		176.25000000		
PCT	1	16.00000000		16.00000000	16.00000000		16.00000000		
PCT	1	192.25000000		192.25000000	192.25000000		192.25000000		
----- DP=DN SV=GA RK=05 -----									
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
PCT	1	127.50000000		127.50000000	127.50000000		127.50000000		
PCT	1	63.50000000		63.50000000	63.50000000		63.50000000		
PCT	1	191.00000000		191.00000000	191.00000000		191.00000000		

13:27 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- DP=DON SV=WD42 RK=02 -----									
PO	3	120.6666667	58.73102530	80.00000000	188.00000000	33.90837327	362.00000000	3449.33333333	48.672
POST	3	5.333333333	4.72581563	0.00000000	9.00000000	2.72845092	16.00000000	22.33333333	88.609
PA	3	61.00000000	62.98412498	3.00000000	128.00000000	34.36390151	183.00000000	3967.00000000	103.250
PT	3	187.00000000	28.16025568	155.00000000	208.00000000	16.25833120	561.00000000	793.00000000	15.057
----- DP=DON SV=WD42 RK=03 -----									
PO	4	131.37500000	33.96413590	83.50000000	157.00000000	16.98206775	525.50000000	1153.56250000	25.850
POST	4	5.00000000	4.94974747	0.00000000	9.50000000	2.47487373	20.00000000	24.50000000	98.992
PA	4	52.75000000	41.72429348	1.00000000	90.00000000	20.86214674	203.00000000	1740.9166667	82.312
PT	4	187.12500000	18.18596070	167.00000000	211.00000000	9.09298035	748.50000000	330.7291667	9.715
----- DP=DON SV=WD42 RK=04 -----									
PO	1	113.75000000		113.75000000	113.75000000		113.75000000		
POST	1	59.50000000		59.50000000	59.50000000		59.50000000		
PA	1	20.75000000		20.75000000	20.75000000		20.75000000		
PT	1	194.00000000		194.00000000	194.00000000		194.00000000		
----- DP=DON SV=WD43/44 RK=01 -----									
PO	1	164.00000000		164.00000000	164.00000000		164.00000000		
POST	1	25.00000000		25.00000000	25.00000000		25.00000000		
PA	1	3.00000000		3.00000000	3.00000000		3.00000000		
PT	1	192.00000000		192.00000000	192.00000000		192.00000000		
----- DP=DON SV=WD43/44 RK=03 -----									
PO	4	137.00000000	41.81706191	84.00000000	179.00000000	20.90853095	548.00000000	1748.6666667	30.520
POST	4	16.50000000	20.82466486	0.00000000	45.00000000	10.41233243	66.00000000	433.6666667	126.210
PA	4	27.12500000	25.06117515	3.00000000	49.50000000	12.53058758	108.50000000	628.0625000	92.391
PT	4	182.62500000	24.01171589	151.00000000	209.50000000	12.00585795	722.50000000	576.5625000	13.294
----- DP=DON SV=WD43/44 RK=04 -----									
PO	3	126.33333333	68.70650139	47.00000000	166.50000000	39.66771707	379.00000000	4720.58333333	54.585
POST	3	27.50000000	39.46834174	2.50000000	73.00000000	22.78705773	82.50000000	1557.75000000	143.521
PA	3	38.08333333	29.92107674	7.25000000	67.00000000	17.27494171	114.25000000	895.27083333	78.567
PT	3	191.91666667	19.23223008	179.75000000	209.00000000	8.79433214	575.75000000	232.02083333	7.937
----- DP=DON SV=WD45 RK=01 -----									
PO	1	129.00000000		129.00000000	129.00000000		129.00000000		
POST	1	4.00000000		4.00000000	4.00000000		4.00000000		
PA	1	57.00000000		57.00000000	57.00000000		57.00000000		
PT	1	190.00000000		190.00000000	190.00000000		190.00000000		
----- DP=DON SV=WD45 RK=02 -----									
PO	4	170.56250000	20.14155634	141.75000000	186.50000000	10.07077817	682.25000000	405.6822917	11.805
POST	4	4.37500000	4.19080314	0.00000000	10.00000000	2.07540157	17.50000000	17.2291667	94.572
PA	4	34.50000000	33.14493799	3.50000000	76.00000000	17.57246900	146.00000000	1235.1666667	96.385
PT	4	211.43750000	31.39159588	189.50000000	258.00000000	15.69579794	845.75000000	985.4322917	14.847

13:27 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=DN SV=ND48 RK=03									
PO	3	114.08333333	78.17461758	25.00000000	171.25000000	45.13413650	342.25000000	6111.27083333	68.824
PO	3	14.91666667	13.31430934	0.50000000	26.75000000	7.68702008	44.75000000	177.27083333	89.258
PO	3	27.66666667	21.96208853	14.00000000	53.00000000	12.67981773	83.00000000	482.33333333	79.381
PO	3	156.66666667	43.06962207	104.75000000	185.75000000	26.02095843	470.00000000	2031.27083333	28.768
DP=DN SV=ND48 RK=04									
PO	1	71.00000000		77.00000000	77.00000000		77.00000000		
PO	1	90.50000000		90.50000000	90.50000000		90.50000000		
PO	1	26.50000000		26.50000000	26.50000000		26.50000000		
PO	1	194.00000000		194.00000000	194.00000000		194.00000000		
DP=DN SV=ND49 RK=02									
PO	2	178.25000000	3.18198052	176.00000000	180.50000000	2.25000000	356.50000000	10.12500000	1.782
PO	2	4.00000000	0.00000000	4.00000000	4.00000000	0.00000000	8.00000000	0.00000000	0.000
PO	2	6.00000000	2.82842712	4.00000000	8.00000000	2.00000000	12.00000000	8.00000000	47.140
PO	2	183.25000000	6.01040764	184.00000000	192.50000000	4.25000000	376.50000000	36.12500000	3.193
DP=DN SV=ND49 RK=03									
PO	2	149.50000000	38.89087297	122.00000000	177.00000000	27.50000000	299.00000000	1512.50000000	26.014
PO	2	3.25000000	4.59619408	0.00000000	6.50000000	3.25000000	6.50000000	21.12500000	141.421
PO	2	43.75000000	59.04341623	2.00000000	85.50000000	41.75000000	87.50000000	3486.12500000	134.956
PO	2	196.50000000	24.74873734	179.00000000	214.00000000	17.50000000	393.00000000	612.50000000	12.393
DP=DN SV=ND49 RK=04									
PO	1	15.00000000		15.00000000	15.00000000		15.00000000		
PO	1	96.50000000		96.50000000	96.50000000		96.50000000		
PO	1	86.00000000		86.00000000	86.00000000		86.00000000		
PO	1	197.50000000		197.50000000	197.50000000		197.50000000		
DP=DN SV=ND49 RK=05									
PO	1	25.00000000		25.00000000	25.00000000		25.00000000		
PO	1	96.00000000		96.00000000	96.00000000		96.00000000		
PO	1	86.50000000		86.50000000	86.50000000		86.50000000		
PO	1	207.50000000		207.50000000	207.50000000		207.50000000		
DP=DN SV=ND51 RK=01									
PO	1	51.00000000		51.00000000	51.00000000		51.00000000		
PO	1	72.00000000		72.00000000	72.00000000		72.00000000		
PO	1	41.00000000		41.00000000	41.00000000		41.00000000		
PO	1	164.00000000		164.00000000	164.00000000		164.00000000		
DP=DN SV=ND51 RK=02									
PO	1	185.50000000		185.50000000	185.50000000		185.50000000		
PO	1	3.00000000		3.00000000	3.00000000		3.00000000		
PO	1	74.00000000		74.00000000	74.00000000		74.00000000		
PO	1	262.50000000		262.50000000	262.50000000		262.50000000		

13:27 FRIDAY, JUNE 7, 1985

SAS

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VARIANCE

SUM

STD ERROR
OF MEANMAXIMUM
VALUEMINIMUM
VALUESTANDARD
DEVIATION

N=4N

N

VARIABLE

DP=DN SV=WD54 RK=04

VARIABLE	N	N=4N	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE
PO1	1	11.00000000	11.00000000	11.00000000	11.00000000		11.00000000	
PO2	1	38.00000000	38.00000000	38.00000000	38.00000000		38.00000000	
PO3	1	184.00000000	184.00000000	184.00000000	184.00000000		184.00000000	
PO4	1	233.00000000	233.00000000	233.00000000	233.00000000		233.00000000	

DP=DN SV=WD55 RK=01

VARIABLE	N	N=4N	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE
PO1	1	134.50000000	134.50000000	134.50000000	134.50000000		134.50000000	
PO2	1	1.00000000	1.00000000	1.00000000	1.00000000		1.00000000	
PO3	1	22.50000000	22.50000000	22.50000000	22.50000000		22.50000000	
PO4	1	158.00000000	158.00000000	158.00000000	158.00000000		158.00000000	

DP=DN SV=WD55 RK=03

VARIABLE	N	N=4N	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE
PO1	2	120.87500000	12.55114537	112.00000000	129.75000000	8.87500000	241.75000000	157.53125000
PO2	2	25.00000000	35.35533906	0.00000000	50.00000000	25.00000000	50.00000000	1250.00000000
PO3	2	24.12500000	20.68287335	9.50000000	38.75000000	14.62500000	48.25000000	427.78125000
PO4	2	170.00000000	2.12132034	168.50000000	171.50000000	1.50000000	340.00000000	4.50000000

DP=DN SV=WD55 RK=04

VARIABLE	N	N=4N	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE
PO1	3	107.75000000	73.31396525	30.25000000	176.00000000	42.32783757	323.25000000	5374.937500
PO2	3	59.00000000	100.46372387	0.00000000	175.00000000	58.00287349	177.00000000	10093.000000
PO3	3	36.83333333	40.00729100	1.00000000	80.00000000	23.09822023	110.50000000	1600.583333
PO4	3	203.58333333	5.73548894	197.00000000	207.50000000	3.31138608	610.75000000	32.895833

DP=DN SV=WD56 RK=01

VARIABLE	N	N=4N	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE
PO1	1	176.00000000	176.00000000	176.00000000	176.00000000		176.00000000	
PO2	1	0.00000000	0.00000000	0.00000000	0.00000000		0.00000000	
PO3	1	64.00000000	64.00000000	64.00000000	64.00000000		64.00000000	
PO4	1	240.00000000	240.00000000	240.00000000	240.00000000		240.00000000	

DP=DN SV=WD56 RK=02

VARIABLE	N	N=4N	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE
PO1	1	176.00000000	176.00000000	176.00000000	176.00000000		176.00000000	
PO2	1	20.00000000	20.00000000	20.00000000	20.00000000		20.00000000	
PO3	1	33.00000000	33.00000000	33.00000000	33.00000000		33.00000000	
PO4	1	229.00000000	229.00000000	229.00000000	229.00000000		229.00000000	

DP=DN SV=WD56 RK=03

VARIABLE	N	N=4N	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE
PO1	1	183.00000000	183.00000000	183.00000000	183.00000000		183.00000000	
PO2	1	3.00000000	3.00000000	3.00000000	3.00000000		3.00000000	
PO3	1	23.00000000	23.00000000	23.00000000	23.00000000		23.00000000	
PO4	1	209.00000000	209.00000000	209.00000000	209.00000000		209.00000000	

DP=DN SV=WD56 RK=04

VARIABLE	N	N=4N	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE
PO1	1	22.50000000	22.50000000	22.50000000	22.50000000		22.50000000	
PO2	1	27.50000000	27.50000000	27.50000000	27.50000000		27.50000000	
PO3	1	122.00000000	122.00000000	122.00000000	122.00000000		122.00000000	
PO4	1	172.00000000	172.00000000	172.00000000	172.00000000		172.00000000	

13:28 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- DP=DN SV=WD57 RK=01 -----									
PC	1	193.50000000		193.50000000	193.50000000		193.50000000		
PC-T	1	7.00000000		7.00000000	7.00000000		7.00000000		
PC	1	64.00000000		64.00000000	64.00000000		64.00000000		
PC	1	264.50000000		264.50000000	264.50000000		264.50000000		
----- DP=DN SV=WD57 RK=03 -----									
PC	1	183.00000000		183.00000000	183.00000000		183.00000000		
PC-T	1	37.00000000		37.00000000	37.00000000		37.00000000		
PC	1	0.00000000		0.00000000	0.00000000		0.00000000		
PC	1	220.00000000		220.00000000	220.00000000		220.00000000		
----- DP=DN SV=WD57 RK=04 -----									
PC	1	144.50000000		144.50000000	144.50000000		144.50000000		
PC-T	1	61.00000000		61.00000000	61.00000000		61.00000000		
PC	1	77.00000000		77.00000000	77.00000000		77.00000000		
PC	1	282.50000000		282.50000000	282.50000000		282.50000000		
----- DP=DN SV=WD58 RK=01 -----									
PC	4	126.68750000	36.09673058	83.25000000	160.00000000	18.04836529	506.75000000	1302.9739583	28.492
PC-T	4	14.43750000	4.76299296	7.50000000	18.00000000	2.38129648	57.75000000	22.6822917	32.988
PC	4	57.04250000	47.66828741	19.00000000	125.00000000	23.83414371	228.25000000	2272.2656250	83.557
PC	4	198.18750000	13.42630347	183.50000000	215.75000000	6.71315174	792.75000000	180.2656250	6.772
----- DP=DN SV=WD58 RK=03 -----									
PC	2	87.62500000	13.61180554	78.00000000	97.25000000	9.62500000	175.25000000	185.2812500	15.324
PC-T	2	35.25000000	13.78892223	25.50000000	45.00000000	9.75000000	70.50000000	190.1250000	39.117
PC	2	65.75000000	42.07285348	39.00000000	98.50000000	29.75000000	137.50000000	1770.1250000	61.197
PC	2	191.62500000	41.89607679	162.00000000	221.25000000	29.62500000	383.25000000	1755.2812500	21.864
----- DP=DN SV=WD58 RK=04 -----									
PC	2	49.75000000	55.50788232	10.50000000	89.00000000	39.25000000	99.50000000	3081.1250000	111.574
PC-T	2	118.12500000	124.98112357	29.75000000	206.50000000	88.37500000	236.25000000	15620.2812500	105.804
PC	2	38.62500000	47.19937764	5.25000000	72.00000000	33.37500000	77.25000000	2227.7812500	122.195
PC	2	206.50000000	22.27386361	190.75000000	222.25000000	15.75000000	413.00000000	496.1250000	10.786
----- DP=DN SV=WD64 RK=01 -----									
PC	2	148.50000000	19.09188309	135.00000000	162.00000000	13.50000000	297.00000000	364.50000000	12.856
PC-T	2	23.75000000	23.68807117	7.00000000	40.50000000	16.75000000	47.50000000	561.12500000	99.735
PC	2	24.00000000	11.31370850	16.00000000	32.00000000	8.00000000	48.00000000	128.00000000	47.146
PC	2	196.25000000	6.71751142	191.50000000	201.00000000	4.75000000	392.50000000	45.12500000	3.420
----- DP=DN SV=WD64 RK=02 -----									
PC	3	136.33333333	45.36885863	88.00000000	178.00000000	26.19372274	409.00000000	2058.3333333	33.178
PC-T	3	25.33333333	30.0221400	8.00000000	60.00000000	17.33333333	76.00000000	901.3333333	118.305
PC	3	31.00000000	49.42671343	0.00000000	88.00000000	28.53652630	93.00000000	2443.0000000	159.441
PC	3	192.66666667	13.31665624	184.00000000	208.00000000	7.68837506	578.00000000	177.3333333	6.912

13:28 FRIDAY, JUNE 7, 1985 14

SAS

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VARIANCE

SUM

STD ERROR
OF MEANMAXIMUM
VALUEMINIMUM
VALUESTANDARD
DEVIATION

N

MEAN

VARIABLE

SV=WD64 RK=03

DP=DDN

STANDARD
DEVIATION

N

MEAN

VARIABLE

SV=WD64 RK=03

DP=DDN

STANDARD
DEVIATION

N

MEAN

VARIABLE

SV=WD64 RK=04

DP=DDN

STANDARD
DEVIATION

N

MEAN

VARIABLE

SV=WD65 RK=01

DP=DDN

STANDARD
DEVIATION

N

MEAN

VARIABLE

SV=WD65 RK=02

DP=DDN

STANDARD
DEVIATION

N

MEAN

VARIABLE

SV=WD65 RK=04

DP=DDN

STANDARD
DEVIATION

N

MEAN

VARIABLE

SV=WD66 RK=01

DP=DDN

STANDARD
DEVIATION

N

MEAN

VARIABLE

SV=WD66 RK=04

DP=DDN

STANDARD
DEVIATION

N

MEAN

VARIABLE

SV=WD67 RK=01

DP=DDN

STANDARD
DEVIATION

N

MEAN

VARIABLE

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
1	2	95.50000000	14.84924240	85.00000000	106.00000000	10.50000000	191.00000000	220.50000000	15.349
2	2	4.00000000	5.63685425	0.00000000	8.00000000	4.00000000	8.00000000	32.00000000	141.421
3	2	93.50000000	30.40599159	72.00000000	115.00000000	21.50000000	187.00000000	924.50000000	32.417
4	2	193.00000000	21.21320344	178.00000000	208.00000000	15.00000000	386.00000000	450.00000000	10.991
5	1	176.50000000		176.50000000	176.50000000		176.50000000		
6	1	60.50000000		60.50000000	60.50000000		60.50000000		
7	1	0.00000000		0.00000000	0.00000000		0.00000000		
8	1	237.00000000		237.00000000	237.00000000		237.00000000		
9	1	81.00000000		81.00000000	81.00000000		81.00000000		
10	1	34.00000000		34.00000000	34.00000000		34.00000000		
11	1	88.00000000		88.00000000	88.00000000		88.00000000		
12	1	203.00000000		203.00000000	203.00000000		203.00000000		
13	3	110.66666667	11.23981020	101.00000000	123.00000000	6.48930744	332.00000000	126.33333333	10.159
14	3	35.33333333	30.59956427	0.00000000	53.00000000	17.66666667	106.00000000	936.33333333	86.603
15	3	11.33333333	3.25320355	8.00000000	14.50000000	1.87823794	34.00000000	10.58333333	28.705
16	3	157.33333333	37.39095256	115.50000000	187.50000000	21.58767653	472.00000000	1398.08333333	23.765
17	3	87.33333333	42.04908946	47.00000000	131.00000000	24.30592063	262.00000000	1772.33333333	48.207
18	3	49.75000000	59.30271916	4.00000000	116.75000000	34.23844087	149.25000000	3516.81250000	119.201
19	3	53.33333333	33.83446241	16.75000000	83.50000000	19.53433587	160.00000000	1144.77083333	63.445
20	3	190.41666667	8.61079749	180.50000000	196.00000000	4.97144625	571.25000000	74.14583333	4.322
21	1	51.50000000		51.50000000	51.50000000		51.50000000		
22	1	78.00000000		78.00000000	78.00000000		78.00000000		
23	1	123.50000000		123.50000000	123.50000000		123.50000000		
24	1	253.00000000		253.00000000	253.00000000		253.00000000		
25	1	27.00000000		27.00000000	27.00000000		27.00000000		
26	1	158.50000000		158.50000000	158.50000000		158.50000000		
27	1	45.00000000		45.00000000	45.00000000		45.00000000		
28	1	230.50000000		230.50000000	230.50000000		230.50000000		
29	3	102.66666667	52.00320503	47.00000000	150.00000000	30.02406442	308.00000000	2704.33333333	50.552
30	3	10.41666667	15.02983145	1.00000000	27.75000000	8.67747723	31.25000000	225.89583333	144.282
31	3	44.83333333	38.97541960	8.50000000	86.00000000	22.50246900	134.50000000	1519.08333333	86.934
32	3	157.91666667	5.12550810	152.00000000	161.00000000	2.95921348	473.75000000	26.27083333	3.246

13:28 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- DP=DON SV=WD71 RK=03 -----									
PUT	2	117.0000000	4.24264069	114.0000000	120.0000000	3.00000000	234.0000000	18.0000000	3
ACT	2	11.29000000	3.30330086	7.50000000	15.0000000	3.75000000	22.5000000	28.1250000	47.140
ST	2	74.00000000	36.7695262	48.0000000	100.0000000	26.0000000	148.0000000	1352.000000	49.685
ST	2	202.25000000	37.53021279	175.5000000	229.0000000	26.7500000	404.5000000	1431.125000	18.705
----- DP=DON SV=WD71 RK=04 -----									
PUT	2	96.75000000	125.51145366	8.00000000	185.5000000	89.75000000	193.5000000	15753.125000	129.125
ACT	2	79.50000000	89.80294121	16.0000000	143.0000000	63.50000000	159.0000000	8064.500000	112.955
ST	2	15.00000000	15.55634919	4.00000000	26.0000000	11.00000000	30.0000000	242.000000	103.105
ST	2	191.25000000	23.15234326	177.0000000	205.5000000	14.25000000	382.5000000	406.125000	10.537
----- DP=DON SV=WD72 RK=04 -----									
PUT	1	34.00000000		34.00000000	34.00000000		34.00000000		
ACT	1	95.00000000		95.00000000	95.00000000		95.00000000		
ST	1	47.00000000		47.00000000	47.00000000		47.00000000		
ST	1	176.00000000		176.00000000	176.00000000		176.00000000		
----- DP=DON SV=WD73 RK=01 -----									
PUT	4	178.37500000	25.14085321	148.5000000	204.0000000	12.57042660	713.5000000	632.06250000	14.094
ACT	4	3.12500000	4.04917687	0.00000000	8.50000000	2.02458844	12.5000000	16.39583333	129.374
ST	4	28.37500000	16.75000000	13.0000000	51.5000000	8.37500000	113.5000000	280.56250000	59.031
ST	4	207.87500000	13.50540015	196.5000000	222.0000000	6.75270008	839.5000000	182.39583333	6.435
----- DP=DON SV=WD73 RK=02 -----									
PUT	2	184.37500000	9.36916485	177.7500000	191.0000000	6.62500000	368.7500000	87.7812500	5.082
ACT	2	17.00000000	18.3847631	4.00000000	30.0000000	13.00000000	34.0000000	338.000000	108.140
ST	2	26.50000000	17.67765953	14.0000000	39.0000000	12.50000000	53.0000000	312.500000	66.708
ST	2	227.87500000	45.43161069	195.7500000	260.0000000	32.12500000	455.7500000	2064.0312500	19.937
----- DP=DON SV=WD73 RK=03 -----									
PUT	3	136.33333333	63.70504951	63.00000000	178.0000000	36.78012748	409.0000000	4058.333333	46.427
ACT	3	4.83333333	2.25462488	2.50000000	7.00000000	1.30170828	14.5000000	5.08333333	46.647
ST	3	55.08333333	78.21857729	2.75000000	145.0000000	45.15951665	165.2500000	6118.1458333	142.000
ST	3	196.25000000	16.63768313	183.2500000	215.0000000	9.60577083	588.7500000	276.8125000	8.475
----- DP=DON SV=WD73 RK=04 -----									
PUT	1	103.00000000		103.00000000	103.00000000		103.00000000		
ACT	1	35.25000000		35.25000000	35.25000000		35.25000000		
ST	1	42.00000000		42.00000000	42.00000000		42.00000000		
ST	1	180.25000000		180.25000000	180.25000000		180.25000000		
----- DP=DON SV=WD74 RK=01 -----									
PUT	3	101.00000000	49.56813493	53.00000000	152.0000000	28.61817604	312.0000000	2457.000000	47.562
ACT	3	22.00000000	32.92415527	2.00000000	60.0000000	19.00876991	66.0000000	1084.000000	149.855
ST	3	45.66666667	44.08459528	0.00000000	88.0000000	23.45802646	137.0000000	1944.3333333	96.355
ST	3	171.66666667	25.57994006	154.0000000	201.0000000	14.76858528	515.0000000	654.3333333	14.901

13:28 FRIDAY, JUNE 7, 1985

SAS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483	1484	1485	148

13:28 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- DP=DPCCM SV=DPCCM RK=04 -----									
PCT	2	68.25000000	24.39518395	51.00000000	85.50000000	17.25000000	136.50000000	595.12500000	35.744
MEAT	2	19.25000000	16.61700936	7.50000000	31.00000000	11.75000000	38.50000000	276.12500000	86.122
FAT	2	89.00000000	7.07106781	84.00000000	94.00000000	5.00000000	178.00000000	50.00000000	7.942
TT	2	176.50000000	0.70710678	176.00000000	177.00000000	0.50000000	353.00000000	0.50000000	0.401
----- DP=DPCCM SV=DPCCM RK=05 -----									
PCT	1	187.00000000		187.00000000	187.00000000		187.00000000		
MEAT	1	21.25000000		21.25000000	21.25000000		21.25000000		
FAT	1	8.00000000		8.00000000	8.00000000		8.00000000		
TT	1	216.25000000		216.25000000	216.25000000		216.25000000		
----- DP=DPCCM SV=DPCCM RK=06 -----									
PCT	5	113.10000000	32.3383115	73.00000000	147.00000000	14.46236495	565.50000000	1045.80000000	28.992
MEAT	5	56.20000000	52.69291935	18.75000000	146.75000000	23.56498992	281.00000000	2776.54375000	93.760
FAT	5	38.90000000	26.56219117	3.00000000	65.00000000	11.87897302	194.50000000	705.55000000	68.283
TT	5	208.20000000	31.44012166	172.50000000	258.25000000	14.06044985	1041.00000000	988.48125000	15.101
----- DP=HG SV=HG RK=06 -----									
PCT	1	3.50000000		3.50000000	3.50000000		3.50000000		
MEAT	1	160.00000000		160.00000000	160.00000000		160.00000000		
FAT	1	65.50000000		65.50000000	65.50000000		65.50000000		
TT	1	229.00000000		229.00000000	229.00000000		229.00000000		
----- DP=HG SV=HG RK=08 -----									
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
MEAT	1	176.50000000		176.50000000	176.50000000		176.50000000		
FAT	1	76.50000000		76.50000000	76.50000000		76.50000000		
TT	1	253.00000000		253.00000000	253.00000000		253.00000000		
----- DP=MED SV=CARD RK=03 -----									
PCT	7	209.03571429	49.43431157	157.00000000	285.00000000	18.68460250	1463.25000000	2443.8005952	23.649
MEAT	7	48.96428571	28.45333481	9.75000000	82.00000000	10.75434970	342.75000000	809.5922619	58.110
FAT	7	13.42857143	23.11462122	0.00000000	52.00000000	8.73650563	94.00000000	534.2857143	172.130
TT	7	271.42857143	44.95222331	207.50000000	325.00000000	16.99034340	1900.00000000	2020.7023810	16.561
----- DP=MED SV=CARD RK=04 -----									
PCT	5	159.90000000	43.51206729	96.00000000	206.00000000	19.45918806	794.50000000	1893.30000000	27.383
MEAT	5	47.80000000	26.08064416	18.00000000	80.00000000	11.66361865	239.00000000	680.20000000	54.562
FAT	5	25.40000000	34.55141097	0.00000000	82.00000000	15.45186073	127.00000000	1193.80000000	136.029
TT	5	232.10000000	38.66910912	196.00000000	276.00000000	17.29335132	1160.50000000	1495.30000000	16.561
----- DP=MED SV=CARD RK=05 -----									
PCT	3	89.00000000	44.19275959	62.00000000	140.00000000	25.51470164	267.00000000	1953.00000000	49.625
MEAT	3	69.83333333	45.78300267	19.50000000	109.00000000	26.43282891	209.50000000	2096.08333333	65.560
FAT	3	48.16666667	60.81186836	0.00000000	116.50000000	35.10974857	144.50000000	3698.08333333	126.353
TT	3	207.00000000	39.34463115	171.00000000	249.00000000	22.71563338	621.00000000	1548.00000000	19.007

13:28 FRIDAY, JUNE 7, 1985 19

SAS

VARIABLE	N	W-AN	STANDARD DEVIATION	MINIMUM VALUE	SV=CARD	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=MED SV=DERM RK=06										
POI	1	35.00000000		35.00000000	31.00000000			35.00000000		
POI	1	167.00000000		167.00000000	167.00000000			167.00000000		
POI	1	71.00000000		71.00000000	71.00000000			71.00000000		
POI	1	273.00000000		273.00000000	273.00000000			273.00000000		
DP=MED SV=DERM RK=03										
POI	7	107.64283714	66.71875941	0.00000000	190.00000000	25.21732074	753.50000000	4451.3928571	61.482	
POI	7	65.96428371	41.82115408	4.00000000	144.00000000	15.80691046	461.75000000	1749.0089286	63.406	
POI	7	35.82142857	26.97325616	0.00000000	72.00000000	10.19493255	250.75000000	727.5565476	75.395	
POI	7	209.42837143	20.60628660	192.00000000	248.00000000	7.78844426	1466.00000000	424.6190476	9.835	
DP=MED SV=DERM RK=04										
POI	3	119.50000000	36.14877722	90.50000000	160.00000000	20.87063328	358.50000000	1306.7500000	30.450	
POI	3	79.16666667	85.29996092	0.00000000	169.50000000	49.24795540	237.50000000	7276.0833333	107.47	
POI	3	76.50000000	55.53602434	12.50000000	112.00000000	32.06373861	229.50000000	3084.2500000	72.192	
POI	3	275.16666667	88.29260067	188.50000000	365.00000000	50.97575677	825.50000000	7795.5833333	32.087	
DP=MED SV=DERM RK=05										
POI	1	24.25000000		24.25000000	24.25000000		24.25000000			
POI	1	169.25000000		169.25000000	169.25000000		169.25000000			
POI	1	1.50000000		1.50000000	1.50000000		1.50000000			
POI	1	195.00000000		195.00000000	195.00000000		195.00000000			
DP=MED SV=DERM RK=06										
POI	2	89.25000000	37.12310601	62.00000000	114.50000000	26.25000000	176.50000000	1378.1250000	42.066	
POI	2	72.25000000	0.53553339	72.00000000	72.50000000	0.25000000	144.50000000	0.1250000	0.485	
POI	2	43.50000000	41.54772721	12.00000000	75.00000000	31.50000000	87.00000000	1984.5000000	102.405	
POI	2	204.00000000	52.02438662	146.00000000	262.00000000	58.00000000	408.00000000	6728.0000000	40.205	
DP=MED SV=EN00 RK=03										
POI	3	136.41666667	95.78632905	79.25000000	247.00000000	55.30226286	409.25000000	9175.0208333	70.316	
POI	3	80.50000000	35.71064267	41.00000000	110.50000000	20.61754916	241.50000000	1275.2500000	44.361	
POI	3	16.00000000	27.71281292	0.00000000	48.00000000	16.00000000	48.00000000	768.0000000	173.205	
POI	3	232.91666667	57.65215376	173.00000000	288.00000000	33.28548649	698.75000000	3323.7708333	24.752	
DP=MED SV=EN00 RK=04										
POI	2	91.00000000	64.34671709	45.50000000	136.50000000	45.50000000	182.00000000	4140.5000000	70.711	
POI	2	108.62500000	57.80597936	67.75000000	149.50000000	40.87500000	217.25000000	3341.5312500	53.216	
POI	2	11.50000000	10.60660172	4.00000000	19.00000000	7.50000000	23.00000000	112.5000000	92.331	
POI	2	211.12500000	17.14733944	199.00000000	223.25000000	12.12500000	422.25000000	294.0312500	8.122	
DP=MED SV=EN00 RK=05										
POI	2	59.50000000	38.89087297	31.00000000	86.00000000	27.50000000	117.00000000	1912.5000000	66.480	
POI	2	164.50000000	14.84924240	156.00000000	177.00000000	10.50000000	333.00000000	220.5000000	8.412	
POI	2	14.25000000	7.42462120	9.00000000	19.50000000	5.25000000	28.50000000	55.1250000	52.103	
POI	2	239.25000000	61.16473657	196.00000000	282.50000000	43.25000000	478.50000000	3741.1250000	25.565	

13:28 FRIDAY, JUNE 7, 1985 30

SAS

VARIABLE	N	W-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C

POI	2	31.00000000	12.72792206	22.00000000	40.00000000	9.00000000	62.00000000	162.00000000	41.05E
MEAN	2	144.50000000	20.50607665	130.00000000	199.00000000	14.50000000	289.00000000	420.50000000	14.191
ST	2	31.00000000	20.50607665	17.00000000	46.00000000	14.50000000	63.00000000	420.50000000	65.09E
TT	2	207.00000000	12.72792206	198.00000000	216.00000000	9.00000000	414.00000000	162.00000000	6.14E

POI	1	172.00000000		172.00000000	172.00000000		172.00000000		
MEAN	1	99.00000000		99.00000000	99.00000000		99.00000000		
ST	1	24.00000000		24.00000000	24.00000000		24.00000000		
TT	1	255.00000000		255.00000000	255.00000000		255.00000000		

POI	1	48.00000000		48.00000000	48.00000000		48.00000000		
MEAN	1	160.00000000		160.00000000	160.00000000		160.00000000		
ST	1	46.00000000		46.00000000	46.00000000		46.00000000		
TT	1	254.00000000		254.00000000	254.00000000		254.00000000		

POI	1	14.00000000		14.00000000	14.00000000		14.00000000		
MEAN	1	21.00000000		21.00000000	21.00000000		21.00000000		
ST	1	144.00000000		144.00000000	144.00000000		144.00000000		
TT	1	179.00000000		179.00000000	179.00000000		179.00000000		

POI	3	121.00000000	53.70288633	63.00000000	169.00000000	31.00537588	363.00000000	2884.00000000	44.38E
MEAN	3	97.00000000	25.13453746	41.50000000	86.00000000	14.51148970	171.00000000	631.75000000	44.09E
ST	3	31.00000000	25.75354052	1.50000000	49.00000000	14.86887129	93.00000000	663.25000000	83.07E
TT	3	207.00000000	9.53939201	198.00000000	215.00000000	5.90757055	627.00000000	91.00000000	4.554

POI	5	158.60000000	67.67791368	56.00000000	244.00000000	30.26648311	793.00000000	4580.30000000	42.57E
MEAN	5	94.80000000	36.76415294	8.00000000	147.00000000	24.41188235	274.00000000	2979.70000000	99.61E
ST	5	1.60000000	3.57770876	0.00000000	8.00000000	1.60000000	8.00000000	12.80000000	223.60E
TT	5	215.00000000	27.21212965	178.00000000	252.00000000	12.16963434	1075.00000000	740.50000000	12.43E

POI	5	71.40000000	22.77718156	54.00000000	101.00000000	10.18626526	387.00000000	518.80000000	29.42E
MEAN	5	113.00000000	36.76415294	77.00000000	195.50000000	16.44156319	565.00000000	1351.62500000	32.53E
ST	5	27.20000000	11.98749348	13.00000000	40.00000000	5.36097006	136.00000000	143.70000000	44.07E
TT	5	217.60000000	31.81076862	174.50000000	263.50000000	14.22620821	1088.00000000	1011.92500000	14.61E

POI	1	32.50000000		32.50000000	32.50000000		32.50000000		
MEAN	1	119.00000000		119.00000000	119.00000000		119.00000000		
ST	1	84.50000000		84.50000000	84.50000000		84.50000000		
TT	1	236.00000000		236.00000000	236.00000000		236.00000000		

13:28 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	SV=GM	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
RK=03										
PCT	17	280.74470588	72.9597689	130.0000000	374.0000000	4773.0000000	17.69425368	5322.4724265	25.484	
FACT	17	53.01470588	50.59215529	0.0000000	190.0000000	901.2500000	12.27040000	2559.5661765	95.430	
VAL	17	6.03882353	11.19499097	0.0000000	41.0000000	103.0000000	2.70548271	124.4338235	184.112	
TT	17	337.83823529	58.64508149	204.0000000	447.0000000	5777.2500000	14.22364276	3439.3042279	17.437	
RK=04										
PCT	4	86.75000000	83.16800266	17.0000000	202.0000000	347.0000000	41.58400133	6916.9166667	95.971	
FACT	4	97.00000000	68.32764204	42.0000000	193.0000000	388.0000000	34.16382102	4668.6666667	70.441	
VAL	4	34.00000000	39.61834733	2.0000000	76.0000000	136.0000000	17.80917367	1268.6666667	104.760	
TT	4	217.75000000	35.69263830	183.0000000	259.0000000	871.0000000	17.84831925	1274.2500000	16.392	
RK=05										
PCT	2	41.00000000	33.94112550	17.0000000	65.0000000	82.0000000	24.00000000	1152.0000000	82.783	
FACT	2	127.50000000	37.47665940	101.0000000	154.0000000	255.0000000	26.50000000	1404.5000000	29.392	
VAL	2	33.25000000	29.8093751	15.0000000	51.5000000	66.5000000	18.25000000	666.1250000	77.522	
TT	2	201.75000000	22.27386361	186.0000000	217.5000000	403.5000000	15.75000000	496.1250000	11.040	
RK=03										
PCT	1	89.00000000		89.0000000	89.0000000	89.0000000				
FACT	1	90.00000000		90.0000000	90.0000000	90.0000000				
VAL	1	20.50000000		20.5000000	20.5000000	20.5000000				
TT	1	199.50000000		199.5000000	199.5000000	199.5000000				
RK=04										
PCT	6	120.16666667	43.32858948	69.0000000	181.0000000	721.0000000	17.68892259	1877.3666667	36.057	
FACT	6	67.83333333	35.27683650	20.5000000	126.0000000	407.0000000	14.40987316	1245.8666667	52.052	
VAL	6	23.83333333	14.13388364	5.0000000	42.0000000	143.0000000	5.77013383	199.7666667	59.303	
TT	6	211.83333333	50.03465466	163.0000000	306.0000000	1271.0000000	20.42556223	2503.4666667	23.620	
RK=05										
PCT	1	89.00000000		89.0000000	89.0000000	89.0000000				
FACT	1	91.00000000		91.0000000	91.0000000	91.0000000				
VAL	1	65.00000000		65.0000000	65.0000000	65.0000000				
TT	1	245.00000000		245.0000000	245.0000000	245.0000000				
RK=06										
PCT	1	62.00000000		62.0000000	62.0000000	62.0000000				
FACT	1	115.00000000		115.0000000	115.0000000	115.0000000				
VAL	1	32.00000000		32.0000000	32.0000000	32.0000000				
TT	1	209.00000000		209.0000000	209.0000000	209.0000000				
RK=03										
PCT	1	210.00000000		210.0000000	210.0000000	210.0000000				
FACT	1	29.50000000		29.5000000	29.5000000	29.5000000				
VAL	1	9.00000000		9.0000000	9.0000000	9.0000000				
TT	1	248.50000000		248.5000000	248.5000000	248.5000000				

13:28 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=MED SV=INF RK=05									
POST	1	61.00000000		61.00000000	61.00000000		61.00000000		
POST	1	93.00000000		93.00000000	93.00000000		93.00000000		
POST	1	39.00000000		39.00000000	39.00000000		39.00000000		
POST	1	193.00000000		193.00000000	193.00000000		193.00000000		
DP=MED SV=NEPHRO RK=03									
POST	1	327.00000000		327.00000000	327.00000000		327.00000000		
POST	1	91.00000000		91.00000000	91.00000000		91.00000000		
POST	1	3.00000000		3.00000000	3.00000000		3.00000000		
POST	1	421.00000000		421.00000000	421.00000000		421.00000000		
DP=MED SV=NEPHRO RK=04									
POST	1	107.00000000		107.00000000	107.00000000		107.00000000		
POST	1	91.00000000		91.00000000	91.00000000		91.00000000		
POST	1	34.00000000		34.00000000	34.00000000		34.00000000		
POST	1	232.00000000		232.00000000	232.00000000		232.00000000		
DP=MED SV=QFC RK=04									
POST	1	56.00000000		56.00000000	56.00000000		56.00000000		
POST	1	144.00000000		144.00000000	144.00000000		144.00000000		
POST	1	20.50000000		20.50000000	20.50000000		20.50000000		
POST	1	220.50000000		220.50000000	220.50000000		220.50000000		
DP=MED SV=QFC RK=06									
POST	1	70.00000000		70.00000000	70.00000000		70.00000000		
POST	1	138.00000000		138.00000000	138.00000000		138.00000000		
POST	1	10.00000000		10.00000000	10.00000000		10.00000000		
POST	1	218.00000000		218.00000000	218.00000000		218.00000000		
DP=MED SV=PULM RK=03									
POST	5	82.40000000	67.24061273	35.00000000	198.00000000	30.07091618	412.00000000	4521.30000000	81.402
POST	5	111.80000000	38.97531270	49.00000000	153.00000000	17.43028973	559.00000000	1519.07500000	34.822
POST	5	43.60000000	28.51841510	8.00000000	83.00000000	12.75382296	218.00000000	813.30000000	65.409
POST	5	237.80000000	23.80808686	217.00000000	276.00000000	10.64730013	1189.00000000	566.82500000	10.012
DP=MED SV=PULM RK=04									
POST	3	103.00000000	27.40437921	82.00000000	134.00000000	15.82192572	309.00000000	751.00000000	26.402
POST	3	77.16666667	4.19324854	74.50000000	82.00000000	2.42097317	231.50000000	17.58333333	5.434
POST	3	24.83333333	8.46069343	15.50000000	32.00000000	4.88478363	74.50000000	71.58333333	34.070
POST	3	205.00000000	17.03872211	191.00000000	224.00000000	9.84885780	615.00000000	291.00000000	8.321
DP=MED SV=PULM RK=05									
POST	1	59.00000000		59.00000000	59.00000000		59.00000000		
POST	1	74.00000000		74.00000000	74.00000000		74.00000000		
POST	1	70.50000000		70.50000000	70.50000000		70.50000000		
POST	1	203.50000000		203.50000000	203.50000000		203.50000000		

13:28 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- DP=MEQ SV=PULM RK=06 -----									
POST	1	28.00000000		28.00000000	28.00000000		28.00000000		
PRECT	1	139.00000000		139.00000000	139.00000000		139.00000000		
POST	1	61.00000000		61.00000000	61.00000000		61.00000000		
PRECT	1	228.00000000		228.00000000	228.00000000		228.00000000		
----- DP=MEQ SV=RHEUM RK=03 -----									
POST	1	104.00000000		104.00000000	104.00000000		104.00000000		
PRECT	1	73.00000000		73.00000000	73.00000000		73.00000000		
POST	1	0.00000000		0.00000000	0.00000000		0.00000000		
PRECT	1	177.00000000		177.00000000	177.00000000		177.00000000		
----- DP=NEURO SV=NEURO RK=03 -----									
POST	12	189.89833333	96.65545994	12.00000000	333.00000000	27.90202791	2266.75000000	9342.2779356	51.167
PRECT	12	59.29166667	45.27615183	0.00000000	144.00000000	13.07009922	663.50000000	2049.9299242	81.882
POST	12	9.20833333	12.42332545	0.00000000	40.00000000	3.58630515	110.50000000	154.3390152	134.914
PRECT	12	253.39583333	75.41961843	148.00000000	386.25000000	21.77176850	3040.75000000	5688.1188447	29.764
----- DP=NEURO SV=NEURO RK=04 -----									
POST	7	92.64285714	58.60359320	0.00000000	171.00000000	22.15011402	690.50000000	3434.3928571	59.410
PRECT	7	72.71428571	60.00476172	4.00000000	160.00000000	22.67966814	509.00000000	3600.5714286	82.521
POST	7	26.60714286	28.10614447	0.00000000	67.00000000	10.62312408	186.25000000	789.9533571	105.634
PRECT	7	197.96428571	27.9487329	172.00000000	236.50000000	10.56364337	1385.75000000	781.1339286	14.112
----- DP=NEURO SV=NEURO RK=05 -----									
POST	1	114.50000000		114.50000000	114.50000000		114.50000000		
PRECT	1	102.00000000		102.00000000	102.00000000		102.00000000		
POST	1	0.00000000		0.00000000	0.00000000		0.00000000		
PRECT	1	216.50000000		216.50000000	216.50000000		216.50000000		
----- DP=NEURO SV=NEURO RK=06 -----									
POST	3	39.50000000	60.78856800	0.00000000	109.50000000	35.09629610	118.50000000	3695.250000	153.892
PRECT	3	45.16666667	72.60222678	6.50000000	147.00000000	41.91691517	198.50000000	5271.083333	109.722
POST	3	48.16666667	35.85154576	25.50000000	89.50000000	20.69889960	144.50000000	1285.333333	74.432
PRECT	3	153.83333333	106.72433337	36.00000000	244.00000000	61.61732260	461.50000000	11390.083333	69.377
----- DP=OBGYN SV=OBGYN RK=03 -----									
POST	7	273.57142857	66.75541712	205.00000000	388.00000000	25.23117605	1915.00000000	4456.2857143	24.401
PRECT	7	47.64285714	30.70656049	23.00000000	107.00000000	11.60598895	333.50000000	942.8928571	64.452
POST	7	21.92857143	25.95898780	0.00000000	72.50000000	9.81157514	153.50000000	673.8690476	118.382
PRECT	7	343.14285714	59.56139290	262.00000000	419.00000000	22.51209048	2402.00000000	3547.5595238	17.358
----- DP=OBGYN SV=OBGYN RK=04 -----									
POST	1	126.00000000		126.00000000	126.00000000		126.00000000		
PRECT	1	41.00000000		41.00000000	41.00000000		41.00000000		
POST	1	28.00000000		28.00000000	28.00000000		28.00000000		
PRECT	1	195.00000000		195.00000000	195.00000000		195.00000000		

13:28 FRIDAY, JUNE 7, 1985 14

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- DP=DBGN SV=DBGN RK=05 -----									
POST	3	89.16666667	48.68863659	51.00000000	144.00000000	28.11039744	267.50000000	2370.58333333	54.604
PRE	3	73.66666667	36.26407773	33.50000000	104.00000000	20.93707504	221.00000000	1315.08333333	49.827
ME	3	50.50000000	8.67467579	43.00000000	60.00000000	5.00832640	151.50000000	75.25000000	17.176
TT	3	213.33333333	14.18919777	198.00000000	226.00000000	8.19213715	640.00000000	201.33333333	6.651
----- DP=DBGN SV=DBGN RK=06 -----									
POST	2	107.50000000	33.40559159	86.00000000	129.00000000	21.50000000	215.00000000	924.50000000	28.184
PRE	2	113.25000000	28.63782464	93.00000000	133.50000000	20.25000000	226.50000000	820.12500000	25.387
ME	2	20.37500000	14.67246571	10.00000000	30.75000000	10.37500000	40.75000000	215.28125000	72.012
TT	2	241.12500000	12.90459876	232.00000000	250.25000000	9.12500000	482.25000000	166.53125000	5.352
----- DP=PATH SV=PATH RK=03 -----									
POST	8	109.43750000	86.5647240	8.50000000	264.00000000	30.60526879	875.50000000	7493.4598214	79.103
PRE	8	105.93750000	47.63809812	40.00000000	177.50000000	16.84261111	847.50000000	2269.3883929	44.962
ME	8	25.81250000	35.95924032	0.00000000	108.50000000	12.71351134	206.50000000	1293.0669643	139.309
TT	8	241.18750000	52.76764261	176.00000000	307.00000000	18.65617896	1929.50000000	2784.4241071	21.876
----- DP=PATH SV=PATH RK=04 -----									
POST	7	97.75000000	67.08343685	20.25000000	212.00000000	25.35515586	684.25000000	4500.18750000	68.826
PRE	7	73.71428571	50.12249337	16.00000000	173.25000000	18.94450138	516.00000000	2512.2589286	67.972
ME	7	31.89285714	29.24389436	0.00000000	78.00000000	11.05315312	223.25000000	855.2053571	91.694
TT	7	203.35714286	25.95380644	182.75000000	256.00000000	9.65843099	1423.50000000	652.9970238	12.566
----- DP=PATH SV=PATH RK=05 -----									
POST	3	51.33333333	42.19399641	7.00000000	91.00000000	24.36071519	154.00000000	1780.33333333	82.192
PRE	3	131.25000000	42.81427916	97.00000000	179.25000000	24.71883560	393.75000000	1833.06250000	32.620
ME	3	35.75000000	28.0657097	4.00000000	57.25000000	16.20378042	107.25000000	787.68750000	78.502
TT	3	218.33333333	22.81629535	199.00000000	243.50000000	13.17299426	655.00000000	520.58333333	10.450
----- DP=PATH SV=PATH RK=06 -----									
POST	1	146.00000000		146.00000000	146.00000000		146.00000000		
PRE	1	55.00000000		55.00000000	55.00000000		55.00000000		
ME	1	10.00000000		10.00000000	10.00000000		10.00000000		
TT	1	211.00000000		211.00000000	211.00000000		211.00000000		
----- DP=PED SV=PED RK=03 -----									
POST	16	250.40625000	103.09125711	52.00000000	380.00000000	25.77281428	4006.50000000	10627.807292	41.170
PRE	16	51.99375000	46.17294256	0.00000000	170.00000000	11.54323564	825.50000000	2131.740625	89.493
ME	16	39.76562500	41.33899176	0.00000000	136.00000000	10.33474794	636.25000000	1708.912240	103.737
TT	16	341.76562500	61.70001516	216.00000000	438.00000000	19.42501129	5468.25000000	3806.895573	18.053
----- DP=PED SV=PED RK=04 -----									
POST	4	137.31250000	78.30372887	63.75000000	228.50000000	39.15185445	549.25000000	6131.4739583	57.026
PRE	4	56.56250000	33.87991969	8.50000000	88.00000000	16.93995985	226.25000000	1147.8489583	59.898
ME	4	38.43750000	39.70221184	0.00000000	87.75000000	19.85110592	153.75000000	1576.2656250	103.390
TT	4	232.31250000	18.52180584	214.50000000	256.25000000	9.26090292	929.25000000	343.0572917	7.473

13:28 FRIDAY, JUNE 7, 1985 13

SAS

Variable	N	Mean	Standard Deviation	Minimum Value	Maximum Value	Std Error of Mean	Sum	Variance	C
----- DP=PED SV=PED RK=05 -----									
PO	3	85.6666667	45.93836450	52.0000000	138.0000000	26.5252711	257.0000000	2110.3333333	53.422
LOT	3	130.8333333	72.31953760	86.0000000	214.5000000	41.86917455	392.5000000	5259.0833333	55.425
LOT	3	57.1666667	50.30987312	3.5000000	104.0000000	29.04641879	165.5000000	2531.0833333	91.196
LOT	3	271.6666667	74.09678336	217.0000000	356.0000000	42.77979793	815.0000000	5490.3333333	27.37
----- DP=PED SV=PED RK=06 -----									
PO	6	101.8333333	58.73471432	49.0000000	219.0000000	23.97834671	629.0000000	3449.7666667	56.027
LOT	6	110.2916667	60.74501438	29.0000000	185.0000000	24.79906052	661.7500000	3689.9604167	55.077
LOT	6	31.6666667	28.43112769	2.0000000	67.0000000	11.61512424	190.0000000	809.4666667	89.846
LOT	6	246.7916667	39.52480761	201.2500000	309.0000000	16.13593314	1480.7500000	1562.2104167	16.015
----- DP=PHYSMED SV=MD RK=03 -----									
PO	6	93.1666667	76.28018528	0.0000000	218.0000000	31.14125524	559.0000000	5818.6666667	81.875
LOT	6	59.0416667	42.98849168	0.0000000	117.0000000	17.54997824	348.2500000	1848.0104167	74.065
LOT	6	61.1666667	70.52473649	0.0000000	176.0000000	28.79168476	367.0000000	4973.7666667	115.300
LOT	6	212.3750000	40.71908336	176.0000000	288.0000000	16.62349617	1274.2500000	1658.0437500	19.17
----- DP=PHYSMED SV=MD RK=04 -----									
PO	2	121.0000000	1.41421356	120.0000000	122.0000000	1.00000000	242.0000000	2.0000000	1.167
LOT	2	77.5000000	57.27564928	37.0000000	118.0000000	40.50000000	155.0000000	3280.5000000	73.904
LOT	2	15.0000000	21.21320344	0.0000000	30.0000000	15.00000000	30.0000000	450.0000000	141.421
LOT	2	213.5000000	34.64823228	189.0000000	238.0000000	24.50000000	427.0000000	1200.5000000	16.325
----- DP=PHYSMED SV=MD RK=05 -----									
PO	1	96.5000000		96.5000000	96.5000000		96.5000000		
LOT	1	49.5000000		49.5000000	49.5000000		49.5000000		
LOT	1	58.0000000		58.0000000	58.0000000		58.0000000		
LOT	1	204.0000000		204.0000000	204.0000000		204.0000000		
----- DP=PHYSMED SV=MD RK=06 -----									
PO	1	4.0000000		4.0000000	4.0000000		4.0000000		
LOT	1	168.5000000		168.5000000	168.5000000		168.5000000		
LOT	1	54.0000000		54.0000000	54.0000000		54.0000000		
LOT	1	226.5000000		226.5000000	226.5000000		226.5000000		
----- DP=PHYSMED SV=DT RK=02 -----									
PO	1	74.0000000		74.0000000	74.0000000		74.0000000		
LOT	1	105.5000000		105.5000000	105.5000000		105.5000000		
LOT	1	14.0000000		14.0000000	14.0000000		14.0000000		
LOT	1	193.5000000		193.5000000	193.5000000		193.5000000		
----- DP=PHYSMED SV=DT RK=03 -----									
PO	4	82.0625000	21.39545805	55.7500000	106.0000000	10.69772902	328.2500000	457.76562500	26.072
LOT	4	89.8750000	19.71954728	73.5000000	111.2500000	7.85977364	359.5000000	247.10416667	17.490
LOT	4	33.8125000	12.40526602	16.0000000	44.7500000	6.20263301	135.2500000	153.89062500	36.585
LOT	4	205.7500000	14.22272750	189.2500000	217.7500000	7.11146375	823.0000000	202.29166667	6.412

13:28 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- DP=PHYSMED SV=PT RK=05 -----									
1	2	23.87500000	25.27906743	6.00000000	41.75000000	17.87500000	47.75000000	639.03125000	105.481
2	2	95.25000000	10.25304833	88.00000000	102.50000000	7.25000000	190.50000000	105.12500000	10.764
3	2	74.25000000	27.27386361	58.00000000	90.00000000	13.75000000	148.50000000	496.12500000	29.998
4	2	193.37500000	13.25825215	184.00000000	202.75000000	9.37500000	386.75000000	175.78125000	6.956
----- DP=PHYSMED SV=PHYSMED RK=03 -----									
5	1	69.50000000		69.50000000	69.50000000		69.50000000		
6	1	120.75000000		120.75000000	120.75000000		120.75000000		
7	1	2.00000000		2.00000000	2.00000000		2.00000000		
8	1	192.25000000		192.25000000	192.25000000		192.25000000		
----- DP=PHYSMED SV=PT RK=01 -----									
9	1	104.50000000		104.50000000	104.50000000		104.50000000		
10	1	31.00000000		31.00000000	31.00000000		31.00000000		
11	1	57.50000000		57.50000000	57.50000000		57.50000000		
12	1	193.00000000		193.00000000	193.00000000		193.00000000		
----- DP=PHYSMED SV=PT RK=02 -----									
13	2	91.75000000	40.65863992	63.00000000	120.50000000	28.75000000	183.50000000	1653.12500000	44.315
14	2	44.75000000	33.58757211	21.00000000	68.50000000	23.75000000	89.50000000	1128.12500000	75.056
15	2	72.25000000	37.83021279	45.00000000	99.00000000	26.75000000	144.50000000	1431.12500000	52.360
16	2	208.75000000	36.41599923	183.00000000	234.50000000	25.75000000	417.50000000	1326.12500000	17.445
----- DP=PHYSMED SV=PT RK=03 -----									
17	2	91.25000000	26.51650429	72.50000000	110.00000000	18.75000000	182.50000000	703.12500000	29.059
18	2	56.75000000	19.44543648	43.00000000	70.50000000	13.75000000	113.50000000	378.12500000	34.865
19	2	47.50000000	4.24264069	44.50000000	50.50000000	3.00000000	95.00000000	18.00000000	8.932
20	2	195.50000000	2.82842712	193.50000000	197.50000000	2.00000000	391.00000000	8.00000000	1.447
----- DP=PHYSMED SV=PT RK=04 -----									
21	3	67.50000000	22.22048604	42.50000000	85.00000000	12.82900360	202.50000000	493.75000000	32.915
22	3	76.58333333	59.52117970	33.50000000	144.50000000	34.36456912	229.75000000	3542.77083333	77.721
23	3	47.91666667	28.46745217	16.50000000	72.00000000	16.43569118	143.75000000	810.39583333	59.410
24	3	192.00000000	10.82820391	182.00000000	203.50000000	6.25166644	576.00000000	117.25000000	5.540
----- DP=PHYSMED SV=PT RK=05 -----									
25	2	127.25000000	47.72970773	93.50000000	161.00000000	33.75000000	254.50000000	2278.12500000	37.509
26	2	48.50000000	43.84062043	17.50000000	79.50000000	31.00000000	97.00000000	1922.00000000	90.393
27	2	29.62500000	30.58236829	8.00000000	51.25000000	21.62500000	59.25000000	939.28125000	103.832
28	2	205.37500000	26.69328099	186.50000000	224.25000000	18.87500000	410.75000000	712.53125000	12.997
----- DP=PREVME SV=PREVME RK=03 -----									
29	1	33.00000000		33.00000000	33.00000000		33.00000000		
30	1	129.50000000		129.50000000	129.50000000		129.50000000		
31	1	14.50000000		14.50000000	14.50000000		14.50000000		
32	1	177.00000000		177.00000000	177.00000000		177.00000000		

13:28 FRIDAY, JUNE 7, 1985

SAS

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VARIABLE

STANDARD
DEVIATIONMINIMUM
VALUEMAXIMUM
VALUESTD ERROR
OF MEAN

SUM

VARIANCE

		DP=PREVME	SV=PREVME	RK=04			DP=PREVME	SV=PREVME	RK=04			

2	71.00000000	1.41421356	70.00000000	72.00000000	1.00000000	142.00000000	2.00000000	1.492				
2	68.50000000	24.74873734	51.00000000	86.00000000	17.50000000	137.00000000	612.50000000	36.132				
2	42.50000000	17.67766953	30.00000000	55.00000000	12.50000000	85.00000000	312.50000000	41.552				
2	182.00000000	8.48528137	176.00000000	188.00000000	6.00000000	364.00000000	72.00000000	4.562				

2	24.00000000	2.82842712	22.00000000	26.00000000	2.00000000	48.00000000	8.00000000	11.783				
2	92.12500000	81.84760992	34.25000000	150.00000000	57.87500000	184.25000000	6699.03125000	88.944				
2	80.75000000	63.28605692	36.00000000	125.50000000	44.75000000	161.50000000	4005.12500000	78.371				
2	196.87500000	21.38978013	181.75000000	212.00000000	15.12500000	393.75000000	457.53125000	10.963				

15	78.56666667	28.70407305	45.50000000	159.50000000	7.41135979	1178.50000000	823.9238095	36.332				
15	119.83333333	30.59392252	79.25000000	172.50000000	7.89931683	1797.50000000	935.9880952	25.333				
15	16.60000000	10.88407796	1.00000000	41.00000000	2.81024910	249.00000000	118.46250000	65.867				
15	215.00000000	41.70388686	155.50000000	310.00000000	11.54249395	3225.00000000	1998.43750000	20.793				

4	56.50000000	33.25407243	13.50000000	83.00000000	16.62703622	226.00000000	1105.83333333	58.937				
4	120.00000000	15.28615932	102.50000000	139.50000000	7.64307966	480.00000000	233.6666667	12.738				
4	41.87500000	25.73057520	9.50000000	71.00000000	12.86528760	167.50000000	662.06250000	61.446				
4	218.37500000	36.03406819	178.00000000	259.50000000	18.02703410	873.50000000	1299.89583333	16.810				

8	45.78125000	21.45153903	20.50000000	79.00000000	7.58426436	366.25000000	460.1685268	46.837				
8	115.37500000	32.62640254	63.00000000	151.00000000	11.53517524	923.00000000	1064.4821429	28.379				
8	44.75000000	18.75023809	19.00000000	76.00000000	6.62921025	358.00000000	351.5714286	41.900				
8	205.90625000	34.61313231	167.50000000	278.00000000	12.23759736	1647.25000000	1198.0703125	16.810				

8	41.00000000	22.46425732	15.00000000	69.00000000	7.94231434	328.00000000	504.6428571	54.791				
8	121.25000000	21.39926567	93.00000000	152.50000000	7.56578294	970.00000000	457.9285714	17.545				
8	22.37500000	14.95409643	5.00000000	40.00000000	5.28707150	179.00000000	223.62500000	66.934				
8	184.62500000	40.28336601	125.00000000	253.50000000	14.24302774	1477.00000000	1622.9107143	21.920				

21	131.50000000	40.40482644	47.00000000	197.00000000	8.81705598	2761.50000000	1632.55000000	30.726				
21	76.28571429	53.03555901	0.00000000	204.00000000	11.56676126	1602.00000000	2809.5892857	69.483				
21	42.76190476	31.17555896	0.00000000	98.00000000	6.80306470	898.00000000	971.9154762	72.903				
21	250.54761905	52.35119501	169.00000000	368.00000000	11.42396733	5261.50000000	2740.6476190	20.895				

14	135.14285714	58.58308648	0.00000000	241.00000000	15.65698845	1878.00000000	3431.9780220	43.572				
14	70.21428571	39.07572249	11.50000000	120.00000000	10.44342612	983.00000000	1926.9120879	55.552				
14	29.92857143	32.13305101	0.00000000	109.00000000	8.58791912	419.00000000	1032.5329670	107.366				
14	231.18329195	43.18329195	168.50000000	301.00000000	11.54122024	3280.00000000	1864.7967033	18.452				

13:28 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- DP=RAD SV=RAD RK=05 -----									
6	103.3333333	53.91351098	28.00000000	174.00000000	22.01007869	620.0000000	2706.666667	52.174	
6	88.00000000	44.06359041	44.00000000	155.00000000	17.98888546	528.0000000	1941.600000	50.072	
6	16.41666667	25.76512901	0.00000000	66.00000000	10.51896824	98.0000000	663.841667	156.942	
6	237.7500000	17.93251237	176.0000000	226.0000000	7.32071752	1246.500000	321.5750000	8.522	
----- DP=RAD SV=RAD RK=06 -----									
2	27.00000000	38.18376618	0.00000000	54.00000000	27.00000000	54.00000000	1458.000000	141.421	
2	102.7500000	27.93071786	83.00000000	122.5000000	19.75000000	205.5000000	780.1250000	27.180	
2	83.75000000	25.80939751	62.50000000	99.00000000	18.25000000	161.5000000	666.1250000	31.962	
2	210.5000000	36.06241584	185.0000000	236.0000000	25.50000000	421.0000000	1300.500000	17.132	
----- DP=SURF SV=DEPTH RK=04 -----									
1	78.50000000		78.50000000	78.50000000		78.50000000			
1	54.00000000		54.00000000	54.00000000		54.00000000			
1	48.50000000		48.50000000	48.50000000		48.50000000			
1	181.0000000		181.0000000	181.0000000		181.0000000			
----- DP=SURG SV=ANES RK=03 -----									
25	222.0600000	65.41889380	0.00000000	312.0000000	13.08377876	5551.5000000	4279.631667	29.460	
25	18.40000000	25.72126228	0.00000000	128.0000000	5.14425246	460.0000000	661.5833333	139.785	
25	23.08000000	38.91220888	0.00000000	176.0000000	7.78244178	577.0000000	1514.160000	168.397	
25	263.5000000	30.63560021	176.0000000	323.0000000	6.12712004	6588.500000	938.5400000	11.925	
----- DP=SURG SV=ANES RK=04 -----									
7	169.71428571	66.31921362	55.00000000	248.0000000	25.06630663	1188.0000000	4398.2380952	39.077	
7	31.00000000	24.66441431	0.00000000	64.00000000	9.32227236	217.0000000	608.3333333	79.862	
7	39.42857143	32.06042448	0.00000000	136.0000000	19.67698334	276.0000000	2710.2837143	132.037	
7	240.14285714	36.65800764	197.0000000	292.0000000	13.85542454	1681.000000	1343.8095238	15.265	
----- DP=SURG SV=ANES RK=05 -----									
2	179.50000000	7.77817459	174.0000000	185.0000000	5.50000000	359.0000000	60.50000000	4.322	
2	57.50000000	27.57716447	38.00000000	77.00000000	19.50000000	115.0000000	760.5000000	47.960	
2	1.00000000	1.41421356	0.00000000	2.00000000	1.00000000	2.00000000	2.00000000	141.421	
2	238.00000000	18.38477631	225.0000000	251.0000000	13.00000000	476.0000000	338.0000000	7.725	
----- DP=SURG SV=ANES RK=06 -----									
1	134.00000000		134.00000000	134.00000000		134.00000000			
1	96.00000000		96.00000000	96.00000000		96.00000000			
1	14.00000000		14.00000000	14.00000000		14.00000000			
1	244.00000000		244.00000000	244.00000000		244.00000000			
----- DP=SURG SV=AUDIO RK=02 -----									
1	8.50000000		8.50000000	8.50000000		8.50000000			
1	75.25000000		75.25000000	75.25000000		75.25000000			
1	100.00000000		100.00000000	100.00000000		100.00000000			
1	183.75000000		183.75000000	183.75000000		183.75000000			

TABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
TABLE 1	3	69.33333333	51.49838185	11.00000000	108.50000000	29.73260462	208.00000000	2652.08333333	74.277
	3	56.16666667	17.42344294	37.50000000	72.00000000	10.05954494	168.50000000	303.58333333	31.021
	3	71.25000000	66.10266636	20.50000000	146.00000000	38.16439222	213.75000000	4369.56250000	92.775
	3	196.75000000	17.76035024	181.00000000	216.00000000	10.25406423	590.25000000	315.43750000	9.027
DP=SURG SV=AUDIO RK=03									
TABLE 2	1	41.00000000		41.00000000			41.00000000		
	1	92.00000000		92.00000000			92.00000000		
	1	45.00000000		45.00000000			45.00000000		
	1	178.00000000		178.00000000			178.00000000		
DP=SURG SV=AUDIO RK=04									
TABLE 3	1	30.00000000		30.00000000			30.00000000		
	1	94.00000000		94.00000000			94.00000000		
	1	76.00000000		76.00000000			76.00000000		
	1	200.00000000		200.00000000			200.00000000		
DP=SURG SV=AUDIO RK=05									
TABLE 4	1	123.00000000		123.00000000			123.00000000		
	1	163.00000000		163.00000000			163.00000000		
	1	33.00000000		33.00000000			33.00000000		
	1	319.00000000		319.00000000			319.00000000		
DP=SURG SV=CHIEF RK=06									
TABLE 5	7	134.28571429	53.70510307	84.00000000	202.00000000	20.29862098	940.00000000	2884.2380952	39.951
	7	68.14285714	28.09761895	35.00000000	105.00000000	10.61970174	477.00000000	789.4761905	41.831
	7	58.28571429	52.40138130	0.00000000	112.00000000	19.80986047	408.00000000	2745.9047619	89.904
	7	260.71428571	28.63397915	229.00000000	294.00000000	10.82262694	1825.00000000	819.9047619	10.982
DP=SURG SV=ENT RK=03									
TABLE 6	3	151.66666667	48.95235779	99.00000000	191.00000000	28.26265695	464.00000000	2396.33333333	31.650
	3	76.33333333	27.59226945	45.00000000	97.00000000	15.93040419	229.00000000	761.33333333	36.147
	3	28.00000000	38.19796806	4.00000000	72.00000000	22.03028219	84.00000000	1456.00000000	136.177
	3	259.00000000	37.64306045	216.00000000	286.00000000	21.73323108	777.00000000	1417.00000000	14.834
DP=SURG SV=ENT RK=04									
TABLE 7	2	140.00000000	45.25483400	108.00000000	172.00000000	32.00000000	280.00000000	2048.00000000	32.652
	2	94.00000000	4.24261069	91.00000000	97.00000000	3.00000000	188.00000000	18.00000000	4.811
	2	38.00000000	36.76952622	12.00000000	64.00000000	26.00000000	76.00000000	1352.00000000	96.762
	2	272.00000000	12.72792206	263.00000000	281.00000000	9.00000000	544.00000000	162.00000000	4.575
DP=SURG SV=ENT RK=05									
TABLE 8	1	0.00000000		0.00000000			0.00000000		
	1	0.00000000		0.00000000			0.00000000		
	1	172.00000000		172.00000000			172.00000000		
	1	172.00000000		172.00000000			172.00000000		
DP=SURG SV=ENT RK=06									

13:28 FRIDAY, JUNE 7, 1985

SAS

VARIBLE	N	IF-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=SURG SV=GEN RK=03									
20	274	63730000	103.44763086	109.00000000	528.00000000	23.57881154	3892.75000000	11119.207072	35.785
20	42	80000000	36.78144107	0.00000000	170.00000000	8.21787205	856.00000000	1350.668421	85.465
20	26	08750000	34.31695094	0.00000000	135.00000000	7.67350352	521.75000000	1177.653125	131.442
20	363	52550000	79.21215268	211.00000000	554.00000000	17.71237580	7270.50000000	6274.565132	21.795
DP=SURG SV=GEN RK=04									
2	154	50000000	153.44217152	46.00000000	263.00000000	108.50000000	309.00000000	23544.500000	99.355
2	132	00000000	96.16652224	64.00000000	200.00000000	68.00000000	264.00000000	9248.000000	72.351
2	16	00000000	11.31370850	0.00000000	24.00000000	8.00000000	32.00000000	128.000000	70.711
2	302	50000000	45.96194078	270.00000000	335.00000000	32.50000000	605.00000000	2112.500000	15.194
DP=SURG SV=GEN RK=05									
2	122	00000000	19.79878987	108.00000000	136.00000000	14.00000000	244.00000000	392.000000	16.425
2	112	50000000	10.6060172	105.00000000	120.00000000	7.50000000	225.00000000	112.500000	9.428
2	59	00000000	83.43860018	0.00000000	118.00000000	59.00000000	119.00000000	6962.000000	141.421
2	273	50000000	53.03308559	256.00000000	331.00000000	37.50000000	587.00000000	2812.500000	18.065
DP=SURG SV=GEN RK=06									
1	61	00000000		61.00000000	61.00000000		61.00000000		
1	118	00000000		118.00000000	118.00000000		118.00000000		
1	70	00000000		70.00000000	70.00000000		70.00000000		
1	249	00000000		249.00000000	249.00000000		249.00000000		
DP=SURG SV=NEURO RK=03									
5	225	60000000	137.89597529	16.00000000	374.00000000	61.66895491	1128.00000000	19015.300000	61.124
5	104	40000000	83.39619296	44.50000000	239.00000000	37.29591130	522.00000000	6954.925000	79.981
5	23	00000000	24.28991560	0.00000000	61.00000000	10.86278049	115.00000000	590.000000	105.408
5	353	00000000	59.06809193	247.50000000	443.00000000	39.83246164	1765.00000000	7933.125000	25.322
DP=SURG SV=NEURO RK=04									
2	211	25000000	240.06275221	41.50000000	381.00000000	169.75000000	422.50000000	57630.125000	113.435
2	110	50000000	120.91525958	25.00000000	196.00000000	85.50000000	221.00000000	14620.500000	109.426
2	6	75000000	9.54594155	0.00000000	13.50000000	6.75000000	13.50000000	91.125000	141.421
2	328	50000000	109.60155108	251.00000000	406.00000000	77.50000000	657.00000000	12012.500000	33.364
DP=SURG SV=NEURO RK=05									
1	46	00000000		46.00000000	46.00000000		46.00000000		
1	108	00000000		108.00000000	108.00000000		108.00000000		
1	80	00000000		80.00000000	80.00000000		80.00000000		
1	234	00000000		234.00000000	234.00000000		234.00000000		
DP=SURG SV=NEURO RK=06									
3	113	83333333	22.80533563	87.50000000	127.00000000	13.16666667	341.50000000	520.08333333	20.034
3	136	16666667	3.54729944	133.00000000	140.00000000	2.04803429	408.50000000	12.58333333	2.405
3	36	66666667	39.59746523	0.00000000	71.00000000	20.52911212	110.00000000	1264.33333333	96.772
3	286	66666667	17.21433511	267.00000000	299.00000000	9.93870101	860.00000000	296.33333333	6.005

13:29 FRIDAY, JUNE 7, 1985

13:29 FRIDAY, JUNE 7, 1985										
SAS										
VARIABLE	N	IP-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C	
				DP=SURG	SV=DPH	RK=03				
	12	145.12500000	65.82579966	35.00000000	270.00000000	19.29094671	1741.50000000	4465.68750000	46.147	
	12	18.20833333	24.17310320	0.00000000	81.00000000	6.97817440	218.50000000	584.3390152	132.750	
	12	48.12500000	43.44438713	0.00000000	154.00000000	12.54131430	577.50000000	1887.417727	90.274	
	12	211.45833333	44.49599273	133.00000000	287.00000000	12.84485782	2537.50000000	1979.8844697	21.045	
				DP=SURG	SV=DPH	RK=04				
	5	185.42000000	104.75259901	29.50000000	323.00000000	46.84678644	927.10000000	10973.107000	56.495	
	5	57.30000000	73.50221089	4.00000000	186.50000000	32.87118799	286.50000000	5402.575000	128.274	
	5	16.50000000	14.36140662	6.00000000	37.00000000	6.42261629	92.50000000	206.250000	77.629	
	5	261.22000000	55.59624088	223.00000000	358.00000000	24.86339478	1306.10000000	3090.942000	21.185	
				DP=SURG	SV=DPH	RK=05				
	3	110.66666667	31.94656998	74.00000000	132.50000000	18.44436078	332.00000000	1020.58333333	28.467	
	3	55.75000000	46.68980081	2.00000000	86.25000000	26.95636907	167.25000000	2179.9375000	83.746	
	3	30.25000000	17.12636856	13.25000000	47.50000000	9.88791350	90.75000000	293.3125000	56.512	
	3	196.66666667	38.83404863	173.50000000	241.50000000	22.42084843	590.00000000	1508.08333333	19.742	
				DP=SURG	SV=DPH	RK=06				
	2	112.00000000	50.91169823	76.00000000	148.00000000	36.00000000	224.00000000	2592.0000000	45.457	
	2	58.00000000	21.21320344	43.00000000	73.00000000	15.00000000	116.00000000	450.0000000	36.374	
	2	75.75000000	28.63782464	55.50000000	96.00000000	20.25000000	151.50000000	820.1250000	37.906	
	2	245.75000000	58.33630945	204.50000000	287.00000000	41.25000000	491.50000000	3403.1250000	23.750	
				DP=SURG	SV=DPH	RK=03				
	2	115.00000000	45.25483400	83.00000000	147.00000000	32.00000000	230.00000000	2048.0000000	39.122	
	2	105.50000000	9.34594155	98.75000000	112.25000000	6.75000000	211.00000000	91.1250000	9.045	
	2	24.12500000	32.70368863	1.00000000	47.25000000	23.12500000	48.25000000	1069.5312500	135.355	
	2	244.62500000	3.00520382	242.50000000	246.75000000	2.12500000	489.25000000	9.0312500	1.425	
				DP=SURG	SV=DPH	RK=03				
	11	134.63636364	94.03452964	0.00000000	254.00000000	28.35850769	1481.00000000	8946.2545455	69.455	
	11	34.36363636	30.69942256	0.00000000	91.00000000	9.25622417	378.00000000	742.4545455	89.437	
	11	69.18181818	74.32471753	0.00000000	176.00000000	22.40974552	761.00000000	5924.1636364	107.436	
	11	238.18181818	46.62578256	176.00000000	304.00000000	14.05820251	2620.00000000	2173.9636364	19.174	
				DP=SURG	SV=DPH	RK=04				
	5	116.80000000	79.81040032	0.00000000	220.00000000	35.69229609	584.00000000	6369.7000000	68.431	
	5	65.40000000	54.18302317	0.00000000	146.00000000	24.23138461	327.00000000	2935.8000000	82.945	
	5	55.80000000	74.72750498	0.00000000	176.00000000	33.41915618	279.00000000	5584.2000000	133.920	
	5	238.00000000	53.12720584	176.00000000	300.00000000	23.75920874	1190.00000000	2822.5000000	22.132	
				DP=SURG	SV=DPH	RK=05				
	2	175.50000000	51.61879503	139.00000000	212.00000000	36.50000000	351.00000000	2664.5000000	29.412	
	2	90.00000000	53.74011537	52.00000000	128.00000000	38.00000000	180.00000000	2888.0000000	59.711	
	2	4.50000000	6.36396103	0.00000000	9.00000000	4.50000000	9.00000000	40.5000000	141.421	
	2	270.00000000	8.48528137	264.00000000	276.00000000	6.00000000	540.00000000	72.0000000	3.145	

13:29 FRIDAY, JUNE 7, 1985

SAS

Variable	N	Mean	Standard Deviation	Minimum Value	Maximum Value	Std Error of Mean	Sum	Variance	C
DP=SURG SV=ORTHO RK=06									
ACT	3	82.33333333	69.67304396	10.00000000	149.00000000	40.22575184	247.00000000	4854.333333	84.722
ACT	3	111.50000000	100.51492427	25.50000000	222.00000000	58.03231858	334.50000000	10103.250000	90.145
ACT	3	28.00000000	28.79236010	8.00000000	61.00000000	16.62327685	84.00000000	829.000000	102.850
ACT	3	221.83333333	34.50483058	182.50000000	247.00000000	19.92137322	665.50000000	1190.583333	15.354
DP=SURG SV=PERI RK=04									
ACT	2	360.62500000	163.16480976	245.25000000	476.00000000	115.37500000	721.25000000	26622.781250	45.245
ACT	2	32.87500000	12.55114537	24.00000000	41.75000000	8.87500000	65.75000000	157.531250	38.170
ACT	2	23.50000000	33.23401872	0.00000000	47.00000000	23.50000000	47.00000000	1104.500000	141.421
ACT	2	417.00000000	117.37972568	334.00000000	500.00000000	83.00000000	834.00000000	13778.000000	28.145
DP=SURG SV=PERI RK=05									
ACT	1	91.50000000		91.50000000	91.50000000		91.50000000		
ACT	1	134.75000000		134.75000000	134.75000000		134.75000000		
ACT	1	47.00000000		47.00000000	47.00000000		47.00000000		
ACT	1	273.25000000		273.25000000	273.25000000		273.25000000		
DP=SURG SV=PLASTIC RK=04									
ACT	1	140.50000000		140.50000000	140.50000000		140.50000000		
ACT	1	65.00000000		65.00000000	65.00000000		65.00000000		
ACT	1	40.00000000		40.00000000	40.00000000		40.00000000		
ACT	1	245.50000000		245.50000000	245.50000000		245.50000000		
DP=SURG SV=PLASTIC RK=05									
ACT	3	171.83333333	26.36443311	147.00000000	199.50000000	15.22151255	515.50000000	695.08333333	15.342
ACT	3	75.41666667	11.24259015	62.50000000	83.00000000	6.49091245	226.25000000	126.39583333	14.907
ACT	3	11.00000000	9.64363076	0.00000000	18.00000000	5.56776436	33.00000000	93.00000000	87.570
ACT	3	258.25000000	16.53594569	245.75000000	277.00000000	9.54703270	774.75000000	273.43750000	6.402
DP=SURG SV=PLASTIC RK=06									
ACT	2	195.25000000	73.18555185	143.50000000	247.00000000	51.75000000	390.50000000	5356.125000	37.482
ACT	2	17.75000000	15.20279580	7.00000000	28.50000000	10.75000000	35.50000000	231.125000	85.250
ACT	2	50.00000000	12.72792206	41.00000000	59.00000000	9.00000000	100.000000	162.000000	25.452
ACT	2	263.00000000	45.25483400	231.00000000	295.00000000	32.00000000	926.00000000	2048.000000	17.507
DP=SURG SV=THOR RK=04									
ACT	3	313.83333333	154.91960281	176.00000000	481.50000000	89.44287438	941.50000000	24000.083333	49.364
ACT	3	54.33333333	26.27419520	24.00000000	70.00000000	15.16941367	163.00000000	690.333333	48.157
ACT	3	16.83333333	27.00134317	0.50000000	48.00000000	15.58934822	50.50000000	729.083333	160.405
ACT	3	385.00000000	130.33418985	247.00000000	506.00000000	75.24847728	1159.00000000	16987.000000	33.452
DP=SURG SV=THOR RK=06									
ACT	1	87.00000000		87.00000000	87.00000000		87.00000000		
ACT	1	68.50000000		68.50000000	68.50000000		68.50000000		
ACT	1	16.00000000		16.00000000	16.00000000		16.00000000		
ACT	1	171.50000000		171.50000000	171.50000000		171.50000000		

13:29 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
RK=03									
PO	7	168.85714286	123.99251129	0.00000000	319.00000000	46.86476419	1182.00000000	15374.142857	73.420
PO	7	14.71428571	24.22611735	0.00000000	68.00000000	9.15661168	103.00000000	586.904762	164.544
PO	7	52.28571429	81.66741657	0.00000000	176.00000000	32.00127548	366.00000000	7168.571429	161.902
PO	7	235.85714286	52.63531315	176.00000000	331.00000000	19.89427840	1651.00000000	2770.476190	22.817
RK=04									
PO	1	229.00000000	229.00000000	229.00000000	229.00000000		229.00000000		
PO	1	14.00000000	14.00000000	14.00000000	14.00000000		14.00000000		
PO	1	0.00000000	0.00000000	0.00000000	0.00000000		0.00000000		
PO	1	243.00000000	243.00000000	243.00000000	243.00000000		243.00000000		
RK=06									
PO	2	221.00000000	9.89949494	214.00000000	228.00000000	7.00000000	442.00000000	98.00000000	4.475
PO	2	60.50000000	12.02081528	52.00000000	69.00000000	8.50000000	121.00000000	144.50000000	19.865
PO	2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
PO	2	281.50000000	2.12132034	280.00000000	283.00000000	1.50000000	563.00000000	4.50000000	0.724
RK=03									
PO	4	81.37500000	31.9742507	37.00000000	105.50000000	15.98746254	337.50000000	1022.3958333	37.992
PO	4	52.56250000	15.29756925	31.00000000	67.75000000	7.64878463	202.25000000	234.0156250	30.155
PO	4	33.81250000	26.60621403	13.00000000	72.00000000	13.30310701	135.25000000	707.8906250	78.585
PO	4	168.75000000	36.99211628	117.00000000	204.50000000	18.49605814	675.00000000	1368.4166667	21.921
RK=04									
PO	2	78.50000000	16.26345597	67.00000000	90.00000000	11.50000000	157.00000000	264.50000000	20.715
PO	2	22.50000000	19.09188309	9.00000000	36.00000000	13.50000000	45.00000000	364.50000000	84.952
PO	2	91.25000000	3.88908730	88.50000000	94.00000000	2.75000000	182.50000000	15.12500000	4.262
PO	2	192.25000000	6.71751442	187.50000000	197.00000000	4.75000000	384.50000000	45.12500000	3.492
RK=05									
PO	1	12.00000000	12.00000000	12.00000000	12.00000000		12.00000000		
PO	1	155.50000000	155.50000000	155.50000000	155.50000000		155.50000000		
PO	1	8.50000000	8.50000000	8.50000000	8.50000000		8.50000000		
PO	1	176.00000000	176.00000000	176.00000000	176.00000000		176.00000000		
RK=06									
PO	1	0.00000000	0.00000000	0.00000000	0.00000000		0.00000000		
PO	1	110.00000000	110.00000000	110.00000000	110.00000000		110.00000000		
PO	1	82.00000000	82.00000000	82.00000000	82.00000000		82.00000000		
PO	1	192.00000000	192.00000000	192.00000000	192.00000000		192.00000000		

APPENDIX R

PROVIDER TIME BY DEPARTMENT/SERVICE/SPECIALTY

PROVIDER TIME BY DEPARTMENT/SERVICE/BRANCH

13:35 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=OBGYN SV=OBGYN SSI=60J									
PCT	1	102.00000000		102.00000000	102.00000000		102.00000000		
IN-AN	1	144.00000000		144.00000000	144.00000000		144.00000000		
ST	1	8.50000000		8.50000000	8.50000000		8.50000000		
TT	1	254.50000000		254.50000000	254.50000000		254.50000000		
DP=ALLERIM SV=ALLERIM SSI=60E									
PCT	1	191.00000000		191.00000000	191.00000000		191.00000000		
IN-AN	1	46.00000000		46.00000000	46.00000000		46.00000000		
ST	1	0.00000000		0.00000000	0.00000000		0.00000000		
TT	1	237.00000000		237.00000000	237.00000000		237.00000000		
DP=ALLERIM SV=ALLERIM SSI=60M									
PCT	3	93.25000000	28.81731250	60.00000000	111.00000000	16.63768313	279.75000000	830.43750000	30.432
IN-AN	3	134.83333333	37.28382133	90.00000000	158.00000000	21.52582428	398.50000000	1390.08333333	28.162
ST	3	29.50000000	7.85811482	22.50000000	38.00000000	4.53688586	88.50000000	61.75000000	26.432
TT	3	255.58333333	22.92969327	239.00000000	281.75000000	13.23846458	766.75000000	525.77083333	8.472
DP=ALLERIM SV=ALLERIM SSI=60P									
PCT	2	81.00000000	82.02438662	26.00000000	142.00000000	58.00000000	168.00000000	6728.00000000	97.448
IN-AN	2	55.00000000	26.87095769	36.00000000	74.00000000	19.00000000	110.00000000	722.00000000	48.535
ST	2	43.00000000	55.15432893	4.00000000	82.00000000	39.00000000	86.00000000	3042.00000000	128.162
TT	2	182.00000000	0.00000000	182.00000000	182.00000000	0.00000000	364.00000000	0.00000000	0.000
DP=ALLERIM SV=ALLERIM SSI=61F									
PCT	2	89.00000000	9.09949494	82.00000000	96.00000000	7.00000000	178.00000000	98.00000000	11.125
IN-AN	2	75.50000000	19.08188309	62.00000000	89.00000000	13.50000000	151.00000000	364.50000000	25.387
ST	2	27.00000000	22.62741700	11.00000000	43.00000000	16.00000000	54.00000000	512.00000000	83.932
TT	2	191.50000000	13.43502884	182.00000000	201.00000000	9.50000000	383.00000000	180.50000000	7.012
DP=CLININV SV=CLININV SSI=61F									
PCT	2	57.00000000	48.08326112	23.00000000	91.00000000	34.00000000	114.00000000	2312.00000000	84.337
IN-AN	2	105.75000000	49.14392129	71.00000000	140.50000000	34.75000000	211.50000000	2415.12500000	46.472
ST	2	11.50000000	16.26349597	0.00000000	23.00000000	11.50000000	23.00000000	264.50000000	141.421
TT	2	174.23000000	15.20279580	163.50000000	185.00000000	10.75000000	348.50000000	231.12500000	8.125
DP=DN SV=4FNS SSI=66A									
PCT	1	184.00000000		184.00000000	184.00000000		184.00000000		
IN-AN	1	61.00000000		61.00000000	61.00000000		61.00000000		
ST	1	57.50000000		57.50000000	57.50000000		57.50000000		
TT	1	302.50000000		302.50000000	302.50000000		302.50000000		
DP=DN SV=4FNS SSI=66H									
PCT	3	78.33333333	76.10738028	0.00000000	152.00000000	43.94061649	235.00000000	5792.33333333	97.158
IN-AN	3	66.16666667	61.75788240	2.00000000	131.50000000	37.38798084	198.50000000	4193.58333333	97.371
ST	3	47.91666667	74.59548828	4.00000000	134.00000000	43.04463123	143.75000000	5958.52083333	159.394
TT	3	192.41666667	31.64286386	158.00000000	220.25000000	18.26901597	577.25000000	1001.27083333	16.442

13:35 FRIDAY, JUNE 7, 1985

SAS

Variable	N	Mean	Standard Deviation	Minimum Value	SV=5FNS	Maximum Value	STD Error of Mean	SUM	Variance	C
DP=DCN SV=5FNS SSI=66D										
PCT	1	154.00000000		154.00000000	154.00000000			154.00000000		
PCT	1	10.00000000		10.00000000	10.00000000			10.00000000		
PCT	1	4.00000000		4.00000000	4.00000000			4.00000000		
TT	1	168.00000000		168.00000000	168.00000000			168.00000000		
DP=DCN SV=5FNS SSI=66H										
PCT	2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000	69.047
PCT	2	170.00000000	117.37972568	87.00000000	253.00000000	83.00000000	340.00000000	13778.000000	760.500000	36.048
PCT	2	76.50000000	27.97716447	57.00000000	96.00000000	19.50000000	153.00000000	493.00000000	8064.500000	36.431
TT	2	246.50000000	89.80256121	183.00000000	310.00000000	63.50000000	0.75000000	421.50000000	1.12500000	0.802
DP=DCN SV=6FNS SSI=66A										
PCT	2	30.00000000	2.12132034	28.50000000	31.50000000	1.50000000	1.50000000	60.00000000	4.50000000	7.071
PCT	2	114.25000000	24.39518395	97.00000000	131.50000000	17.25000000	228.50000000	595.12500000	344.50000000	21.552
PCT	2	66.50000000	23.33452378	50.00000000	83.00000000	16.50000000	133.00000000	344.50000000	1.12500000	35.095
TT	2	210.75000000	1.06066017	210.00000000	211.50000000	0.75000000	0.75000000	421.50000000	1.12500000	0.802
DP=DCN SV=7FNS SSI=66A										
PCT	1	1.00000000		1.00000000	1.00000000			1.00000000		
PCT	1	189.00000000		189.00000000	189.00000000			189.00000000		
PCT	1	29.00000000		29.00000000	29.00000000			29.00000000		
TT	1	219.00000000		219.00000000	219.00000000			219.00000000		
DP=DCN SV=ANS SSI=66F										
PCT	5	109.60000000	63.67044035	8.00000000	136.50000000	28.47428665	548.00000000	4053.92500000	58.042	
PCT	5	45.40000000	78.93145761	0.00000000	185.50000000	35.29922075	227.00000000	6230.17500000	173.532	
PCT	5	67.20000000	42.00833251	23.00000000	120.00000000	18.78669742	336.00000000	1764.70000000	62.812	
TT	5	222.20000000	39.85063871	177.00000000	265.00000000	17.82175637	1111.00000000	1588.07500000	17.935	
DP=DCN SV=ANS SSI=66A										
PCT	1	3.00000000		3.00000000	3.00000000			3.00000000		
PCT	1	138.00000000		138.00000000	138.00000000			138.00000000		
PCT	1	66.00000000		66.00000000	66.00000000			66.00000000		
TT	1	207.00000000		207.00000000	207.00000000			207.00000000		
DP=DCN SV=ANS SSI=66H										
PCT	2	79.50000000	112.42997821	0.00000000	159.00000000	79.50000000	159.00000000	12640.500000	141.421	
PCT	2	111.37500000	118.61716254	27.50000000	195.25000000	83.87500000	222.75000000	14070.031250	106.802	
PCT	2	17.12500000	24.21840726	0.00000000	34.25000000	17.12500000	34.25000000	586.531250	141.421	
TT	2	208.00000000	30.40559159	186.50000000	229.50000000	21.50000000	416.00000000	924.500000	14.812	
DP=DCN SV=CMS SSI=66E										
PCT	2	24.00000000	25.45584412	6.00000000	42.00000000	18.00000000	48.00000000	648.00000000	106.062	
PCT	2	174.00000000	14.14213562	164.00000000	184.00000000	10.00000000	348.00000000	200.00000000	8.122	
PCT	2	12.50000000	12.72792206	3.50000000	21.50000000	9.00000000	25.00000000	162.00000000	101.922	
TT	2	210.50000000	26.87005769	191.50000000	229.50000000	19.00000000	421.00000000	722.00000000	12.763	

13:35 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	SV=CNS	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=DN SV=CNS SSI=66J										
FC	1	0.00000000		0.00000000	0.00000000	0.00000000		0.00000000		
FCCT	1	130.00000000		130.00000000	130.00000000	130.00000000		150.00000000		
FA	1	16.00000000		16.00000000	16.00000000	16.00000000		16.00000000		
TT	1	166.00000000		166.00000000	166.00000000	166.00000000		166.00000000		
DP=DN SV=CNS SSI=66C										
FC	2	67.00000000	25.45584412	49.00000000	85.00000000	18.00000000	134.00000000	648.00000000		37.494
FCCT	2	70.75000000	49.85102807	35.50000000	106.00000000	35.25000000	141.50000000	2483.12500000		70.461
FA	2	121.50000000	33.23401872	98.00000000	145.00000000	23.50000000	243.00000000	1104.50000000		27.111
TT	2	259.25000000	57.62920267	218.50000000	300.00000000	40.75000000	518.50000000	3321.12500000		22.225
DP=DN SV=CNS SSI=66D										
FC	1	29.50000000		29.50000000	29.50000000			29.50000000		
FCCT	1	168.50000000		168.50000000	168.50000000			168.50000000		
FA	1	8.00000000		8.00000000	8.00000000			8.00000000		
TT	1	206.00000000		206.00000000	206.00000000			206.00000000		
DP=DN SV=CNS SSI=66H										
FC	3	97.33333333	95.08592605	0.00000000	190.00000000	54.89788500	292.00000000	9041.33333333		97.491
FCCT	3	17.66666667	19.13983629	0.00000000	38.00000000	11.05038964	53.00000000	366.33333333		108.325
FA	3	86.66666667	75.03584713	31.00000000	172.00000000	43.32179334	260.00000000	9630.33333333		86.175
TT	3	201.66666667	49.66219219	172.00000000	259.00000000	28.67248003	605.00000000	2466.33333333		24.424
DP=DN SV=ER SSI=66H										
FC	5	139.60000000	47.69879453	71.50000000	180.00000000	21.33154940	698.00000000	2275.17500000		34.102
FCCT	5	23.50000000	39.94308451	3.00000000	94.50000000	17.86309044	117.75000000	1595.45000000		169.510
FA	5	26.50000000	20.13082214	14.00000000	62.00000000	9.00277735	132.50000000	405.25000000		75.182
TT	5	189.60000000	12.69034766	172.75000000	204.00000000	5.67538545	948.25000000	161.05000000		6.592
DP=DN SV=HQ SSI=66A										
FC	1	2.00000000		2.00000000	2.00000000			2.00000000		
FCCT	1	298.50000000		298.50000000	298.50000000			298.50000000		
FA	1	28.00000000		28.00000000	28.00000000			28.00000000		
TT	1	328.50000000		328.50000000	328.50000000			328.50000000		
DP=DN SV=HQ SSI=66H										
FC	1	0.00000000		0.00000000	0.00000000			0.00000000		
FCCT	1	137.00000000		137.00000000	137.00000000			137.00000000		
FA	1	47.00000000		47.00000000	47.00000000			47.00000000		
TT	1	184.00000000		184.00000000	184.00000000			184.00000000		
DP=DN SV=INFC SSI=66H										
FC	3	41.66666667	72.16878365	0.00000000	125.00000000	41.66666667	125.00000000	5208.33333333		173.405
FCCT	3	149.66666667	71.44986587	81.50000000	224.00000000	41.25139930	449.00000000	5103.08333333		47.735
FA	3	8.58333333	7.75337448	1.00000000	16.50000000	4.47756754	25.75000000	60.14583333		90.354
TT	3	199.91666667	31.94668958	160.00000000	225.00000000	20.17647833	599.75000000	1231.27083333		481

13:35 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	10-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=DN SV=NETS SSI=66A									
PCT	2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
1-PCT	2	167.50000000	6.0100764	163.25000000	171.75000000	4.25000000	335.00000000	36.12500000	3.192
MA	2	25.37500000	27.40038777	6.00000000	44.75000000	19.37500000	50.75000000	750.78125000	107.422
TT	2	192.87500000	21.38998013	177.75000000	208.00000000	13.12500000	385.75000000	457.53125000	11.090
DP=DN SV=NETS SSI=66F									
PCT	1	59.50000000		59.50000000	59.50000000		59.50000000		
1-PCT	1	88.00000000		88.00000000	88.00000000		88.00000000		
MA	1	33.00000000		33.00000000	33.00000000		33.00000000		
TT	1	180.50000000		180.50000000	180.50000000		180.50000000		
DP=DN SV=NETS SSI=66H									
PCT	6	4.84333333	7.54762656	0.00000000	16.00000000	3.08130564	29.00000000	56.96666667	156.122
1-PCT	6	133.83333333	51.28807529	33.50000000	172.00000000	20.93826906	803.00000000	2630.46666667	38.122
MA	6	59.00000000	50.93093681	7.00000000	147.00000000	20.80064102	354.00000000	2596.00000000	86.325
TT	6	197.66666667	22.04918744	179.00000000	237.50000000	9.00154308	1186.00000000	486.16666667	11.122
DP=DN SV=NR SSI=66D									
PCT	1	19.00000000		19.00000000	19.00000000		19.00000000		
1-PCT	1	108.00000000		108.00000000	108.00000000		108.00000000		
MA	1	62.50000000		62.50000000	62.50000000		62.50000000		
TT	1	189.50000000		189.50000000	189.50000000		189.50000000		
DP=DN SV=NR SSI=66H									
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
1-PCT	1	181.50000000		181.50000000	181.50000000		181.50000000		
MA	1	37.00000000		37.00000000	37.00000000		37.00000000		
TT	1	218.50000000		218.50000000	218.50000000		218.50000000		
DP=DN SV=QR SSI=66B									
PCT	9	120.72222222	48.11679223	14.00000000	164.25000000	16.03893074	1086.50000000	2315.2256944	39.437
1-PCT	9	47.11111111	77.72086583	0.00000000	243.00000000	25.90695528	424.00000000	6040.5329861	164.474
MA	9	16.02777778	28.03776595	0.00000000	83.00000000	9.34592198	144.25000000	786.1163194	174.422
TT	9	183.86111111	28.03772819	165.25000000	257.00000000	9.35257606	1654.75000000	787.2361111	15.260
DP=DN SV=QA SSI=66D									
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
1-PCT	1	176.25000000		176.25000000	176.25000000		176.25000000		
MA	1	16.00000000		16.00000000	16.00000000		16.00000000		
TT	1	192.25000000		192.25000000	192.25000000		192.25000000		
DP=DN SV=QA SSI=66B									
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
1-PCT	1	127.50000000		127.50000000	127.50000000		127.50000000		
MA	1	63.50000000		63.50000000	63.50000000		63.50000000		
TT	1	191.00000000		191.00000000	191.00000000		191.00000000		

13:35 FRIDAY, JUNE 7, 1985

SAS

VARIABLE N IN-AN STANDARD DEVIATION

MINIMUM
VALUEMAXIMUM
VALUESTD ERROR
OF MEAN

SUM

VARIANCE

C

DP=DCN SV=WD43/44 SSI=66H

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C	
PO	2	122	00000000	53.74011537	84.00000000	160.00000000	38.00000000	244.00000000	2888.00000000	44.045
POCT	2	9	50000000	13.43502884	0.00000000	19.00000000	9.50000000	19.00000000	180.50000000	141.421
PA	2	48	75000000	1.06066017	48.00000000	49.50000000	0.75000000	97.50000000	1.12500000	2.172
TT	2	180	25000000	41.36574670	151.00000000	209.50000000	29.25000000	360.50000000	1711.12500000	22.745

DP=DCN SV=WD45 SSI=66H

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C	
PO	11	139	11363636	48.19146237	58.00000000	186.50000000	14.53027262	1530.25000000	2322.4170455	34.542
POCT	11	19	72727273	34.88578768	0.00000000	120.50000000	10.51846075	217.00000000	1217.0181818	176.945
PA	11	46	63636364	38.06776235	2.50000000	127.50000000	11.47786227	513.00000000	1449.1545455	81.527
TT	11	205	47727273	26.77929577	186.00000000	258.00000000	8.07426147	2260.25000000	717.1306818	13.052

DP=DCN SV=WD46 SSI=66H

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C	
PO	8	169	43750000	25.42276469	140.50000000	213.50000000	8.98830465	1347.50000000	646.3169643	15.092
POCT	8	4	53125000	6.55531069	0.00000000	18.25000000	2.31762322	36.25000000	42.9720982	144.465
PA	8	31	28750000	37.19932555	0.00000000	88.00000000	13.15194768	250.30000000	1383.7898214	118.992
TT	8	204	25625000	22.25381889	176.00000000	240.00000000	7.86791312	1634.05000000	495.2324554	10.572

DP=DCN SV=WD47 SSI=66H

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C	
PO	2	95	65000000	33.02188668	72.30000000	119.00000000	23.35000000	191.30000000	1090.4450000	34.324
POCT	2	50	75000000	51.97234842	14.00000000	87.50000000	36.75000000	101.50000000	2701.1250000	102.405
PA	2	56	50000000	79.90306627	0.00000000	113.00000000	56.50000000	113.00000000	6384.5000000	141.421
TT	2	202	90000000	5.09116882	199.30000000	206.50000000	3.60000000	405.80000000	25.92000000	2.505

DP=DCN SV=WD48 SSI=66H

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C	
PO	5	106	25000000	57.65251512	25.00000000	171.25000000	25.78298858	931.25000000	3323.8125000	54.361
POCT	5	28	65000000	35.95900444	0.50000000	90.50000000	16.08135566	143.25000000	1293.0500000	125.711
PA	5	36	70000000	26.00384587	14.00000000	74.00000000	11.62927341	183.50000000	676.2000000	70.435
TT	5	171	60000000	37.86513898	104.75000000	194.00000000	16.93380495	858.00000000	1433.7687500	22.062

DP=DCN SV=WD49 SSI=66H

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C	
PO	6	115	91666667	77.45864488	15.00000000	180.50000000	31.62235935	695.50000000	5999.8416667	66.422
POCT	6	34	50000000	47.87692555	0.00000000	96.50000000	19.54567501	207.00000000	2292.2000000	138.772
PA	6	45	33333333	44.99110524	2.00000000	86.50000000	18.20424248	272.00000000	1988.3666667	98.362
TT	6	195	75000000	13.44154009	179.00000000	214.00000000	5.48748576	1174.50000000	180.6750000	6.867

DP=DCN SV=WD51 SSI=66H

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C	
PO	8	133	87500000	59.40944490	48.00000000	187.50000000	21.00441068	1071.00000000	3529.4821429	44.377
POCT	8	38	87500000	75.89548735	0.00000000	217.00000000	26.83310888	311.00000000	5760.1250000	195.350
PA	8	39	68750000	22.98466215	4.00000000	74.00000000	7.98488388	289.50000000	510.0669643	63.285
TT	8	208	43750000	45.15088790	155.00000000	279.00000000	15.96324951	1667.50000000	2038.6026786	21.822

DP=DCN SV=WD52 SSI=66H

VARIABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C	
PO	2	133	62500000	52.14912511	96.75000000	170.50000000	36.87500000	267.25000000	2719.5312500	39.024
POCT	2	54	12500000	73.71588194	2.00000000	106.25000000	52.12500000	108.25000000	5434.0312500	136.192
PA	2	0	00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	11.487
TT	2	187	75000000	21.56675483	172.50000000	203.00000000	15.25000000	375.50000000	465.1250000	11.487

13:35 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=DDN SV=ND52 SSI=66J									
PC1	4	78.50000000	33.4689103	41.00000000	118.50000000	16.73444551	314.00000000	1120.1666667	42.525
PC2	4	33.00000000	2.88679133	30.50000000	35.50000000	1.44337567	132.00000000	8.3333333	8.748
PC3	4	72.18750000	53.4349599	10.00000000	140.50000000	26.72728299	288.75000000	2897.3906250	74.050
PC4	4	183.68750000	25.32072279	159.00000000	212.00000000	12.76036139	734.75000000	651.3072917	13.974
DP=DDN SV=ND53 SSI=66C									
PC1	1	40.00000000		40.00000000	40.00000000		40.00000000		
PC2	1	79.00000000		79.00000000	79.00000000		79.00000000		
PC3	1	106.50000000		106.50000000	106.50000000		106.50000000		
PC4	1	225.50000000		225.50000000	225.50000000		225.50000000		
DP=DDN SV=ND54 SSI=66C									
PC1	3	92.50000000	73.02910379	11.00000000	192.00000000	42.16337273	277.50000000	5733.2500000	78.450
PC2	3	26.33333333	17.2659002	6.50000000	38.00000000	9.96800437	79.00000000	298.0833333	65.364
PC3	3	65.33333333	102.78780732	4.00000000	184.00000000	59.34458822	196.00000000	10565.3333333	157.325
PC4	3	181.16666667	42.38022338	157.00000000	233.00000000	24.46823337	552.50000000	1796.0833333	23.012
DP=DDN SV=ND55 SSI=66C									
PC1	6	116.58333333	47.95692512	30.25000000	176.00000000	19.57833269	699.50000000	2299.8666667	41.102
PC2	6	39.00000000	69.95141171	0.00000000	175.00000000	28.55754425	228.00000000	4893.2000000	184.083
PC3	6	30.20833333	27.90717500	1.00000000	80.00000000	11.39303649	181.25000000	778.8104167	92.385
PC4	6	181.79166667	21.37780196	158.00000000	207.50000000	8.72745110	1108.75000000	457.0104167	11.365
DP=DDN SV=ND56 SSI=66H									
PC1	3	127.16666667	90.71153914	22.50000000	183.00000000	52.37233154	381.50000000	8228.5833333	71.122
PC2	3	16.83333333	12.55325004	3.00000000	27.50000000	7.24760497	50.50000000	157.5833333	74.574
PC3	3	99.33333333	54.50076452	23.00000000	122.00000000	31.46603107	178.00000000	2970.3333333	91.853
PC4	3	203.33333333	28.91942830	172.00000000	229.00000000	16.67663972	610.00000000	836.3333333	14.225
DP=DDN SV=ND56 SSI=66J									
PC1	1	176.00000000		176.00000000	176.00000000		176.00000000		
PC2	1	0.00000000		0.00000000	0.00000000		0.00000000		
PC3	1	64.00000000		64.00000000	64.00000000		64.00000000		
PC4	1	240.00000000		240.00000000	240.00000000		240.00000000		
DP=DDN SV=ND57 SSI=66H									
PC1	2	163.75000000	27.22361108	144.50000000	183.00000000	19.25000000	327.50000000	741.1250000	16.525
PC2	2	49.00000000	16.97056275	37.00000000	61.00000000	12.00000000	98.00000000	288.0000000	34.434
PC3	2	34.50000000	54.44722215	0.00000000	77.00000000	38.50000000	77.00000000	2964.5000000	141.421
PC4	2	251.25000000	41.19417382	220.00000000	282.50000000	31.25000000	502.50000000	1953.1250000	17.395
DP=DDN SV=ND57 SSI=66J									
PC1	1	193.50000000		193.50000000	193.50000000		193.50000000		
PC2	1	7.00000000		7.00000000	7.00000000		7.00000000		
PC3	1	64.00000000		64.00000000	64.00000000		64.00000000		
PC4	1	264.50000000		264.50000000	264.50000000		264.50000000		

13:35 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=DN SV=WD58 SSI=66H									
PCT	5	77.15000000	39.15737478	10.50000000	111.00000000	17.51171037	385.75000000	1533.30000000	50.731
PCT	5	64.95000000	79.74028154	18.00000000	206.50000000	35.66093801	324.75000000	6358.51250000	122.731
PCT	5	53.85000000	35.02124353	5.25000000	98.50000000	15.66197625	269.25000000	1226.48750000	65.721
PCT	5	195.95000000	25.81871898	162.00000000	222.25000000	11.54648215	979.75000000	666.60625000	13.176
DP=DN SV=WD58 SSI=66J									
PCT	3	131.91646667	42.31306930	83.25000000	160.00000000	24.42946195	395.75000000	1790.39583333	32.072
PCT	3	13.25000000	5.05993710	7.50000000	17.00000000	2.91904665	39.75000000	25.56250000	38.158
PCT	3	57.91666667	58.34398712	19.00000000	125.00000000	33.68491667	173.75000000	3404.02083333	100.735
PCT	3	203.08333333	11.25092989	194.25000000	215.75000000	6.49572509	609.25000000	126.58333333	5.540
DP=DN SV=WD64 SSI=66H									
PCT	4	127.62500000	40.45444969	85.00000000	176.50000000	20.22722485	510.50000000	1636.56250000	31.595
PCT	4	34.12500000	32.64040186	0.00000000	60.50000000	16.32020093	128.50000000	1065.39583333	101.604
PCT	4	48.00000000	55.43163958	0.00000000	115.00000000	27.71581979	192.00000000	3072.66666667	115.483
PCT	4	207.79000000	24.08837894	178.00000000	237.00000000	12.04418947	831.00000000	580.25000000	11.795
DP=DN SV=WD64 SSI=66J									
PCT	4	140.75000000	39.39014259	88.00000000	178.00000000	19.69507130	563.00000000	1551.58333333	27.982
PCT	4	15.87500000	16.42343346	7.00000000	40.50000000	8.21171673	63.50000000	269.72916667	103.153
PCT	4	31.00000000	38.29708431	0.00000000	88.00000000	19.14854216	136.00000000	1466.66666667	112.632
PCT	4	190.62500000	7.60893116	184.00000000	201.00000000	3.80446558	762.50000000	57.89583333	3.972
DP=DN SV=WD65 SSI=66H									
PCT	4	90.75000000	35.04639782	47.00000000	131.00000000	17.52319891	363.00000000	1228.25000000	38.419
PCT	4	37.31250000	54.43626816	0.00000000	116.75000000	27.21813408	149.25000000	2963.3072917	145.990
PCT	4	43.62500000	33.76566255	14.50000000	83.50000000	16.88333128	174.50000000	1140.18750000	77.801
PCT	4	171.68750000	38.11242962	115.50000000	196.00000000	19.05621481	686.75000000	1452.5572917	22.195
DP=DN SV=WD65 SSI=66J									
PCT	3	104.00000000	21.28379665	81.00000000	123.00000000	12.28820573	312.00000000	453.00000000	20.461
PCT	3	46.66666667	10.96969511	34.00000000	53.00000000	6.33333333	140.00000000	120.33333333	23.502
PCT	3	35.83333333	45.21153982	8.00000000	88.00000000	26.10289469	107.50000000	2044.08333333	126.171
PCT	3	186.50000000	17.02204453	169.00000000	203.00000000	9.82768199	599.50000000	289.75000000	9.167
DP=DN SV=WD66 SSI=66H									
PCT	2	39.25000000	17.32411614	27.00000000	51.50000000	12.25000000	78.50000000	300.12500000	44.125
PCT	2	118.25000000	56.92209589	78.00000000	158.50000000	40.25000000	236.50000000	3240.12500000	48.137
PCT	2	81.25000000	55.50788232	45.00000000	123.50000000	39.25000000	168.50000000	3081.12500000	65.861
PCT	2	241.75000000	15.90990258	230.50000000	253.00000000	11.25000000	483.50000000	253.12500000	6.181
DP=DN SV=WD67 SSI=66H									
PCT	4	152.50000000	61.72924752	62.00000000	200.00000000	30.86462376	610.00000000	3810.50000000	40.478
PCT	4	24.00000000	34.66266002	0.00000000	73.50000000	17.33133001	96.00000000	1201.50000000	144.428
PCT	4	13.25000000	25.50980204	0.00000000	51.50000000	12.75490102	53.00000000	650.75000000	192.317
PCT	4	189.75000000	8.66506395	179.50000000	200.00000000	4.33253198	759.00000000	75.08333333	4.427

13:35 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	IRAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- DP=DN SV=WD67 SSI=66J -----									
POI	3	102.6666667	52.00320503	47.00000000	150.00000000	30.02406442	308.00000000	2704.33333333	50.412
MEAN	3	10.41666667	19.02983145	1.00000000	27.75000000	8.67747723	31.25000000	229.89833333	144.282
ST	3	44.83333333	38.97541960	8.50000000	86.00000000	22.50246900	134.50000000	1519.08333333	86.434
TT	3	157.9166667	9.12550810	152.00000000	161.00000000	2.95921348	473.75000000	26.27083333	3.242
----- DP=DN SV=WD68 SSI=66H -----									
POI	1	132.25000000		132.25000000	132.25000000		132.25000000		
MEAN	1	30.00000000		30.00000000	30.00000000		30.00000000		
ST	1	16.75000000		16.75000000	16.75000000		16.75000000		
TT	1	179.00000000		179.00000000	179.00000000		179.00000000		
----- DP=DN SV=WD68 SSI=66H -----									
POI	2	129.00000000	8.48528137	123.00000000	135.00000000	6.00000000	258.00000000	72.00000000	6.279
MEAN	2	19.75000000	18.03122292	3.00000000	28.50000000	12.75000000	31.50000000	325.12500000	114.484
ST	2	28.25000000	24.39518395	11.00000000	45.50000000	17.25000000	56.50000000	595.12500000	86.133
TT	2	173.00000000	2.12132034	171.50000000	174.50000000	1.50000000	346.00000000	4.50000000	1.420
----- DP=DN SV=WD68 SSI=66J -----									
POI	2	171.25000000	8.13172798	165.50000000	177.00000000	5.75000000	342.50000000	66.12500000	4.449
MEAN	2	3.00000000	2.12132034	1.25000000	4.50000000	1.50000000	6.00000000	4.50000000	70.111
ST	2	10.25000000	12.72792206	1.25000000	19.25000000	9.00000000	20.50000000	162.00000000	124.173
TT	2	181.50000000	18.73832970	171.25000000	197.75000000	13.25000000	369.00000000	351.12500000	10.152
----- DP=DN SV=WD71 SSI=66H -----									
POI	4	106.87500000	73.44201227	8.00000000	185.50000000	36.72100614	427.50000000	5393.7291667	68.112
MEAN	4	49.37500000	69.19378166	7.50000000	143.00000000	32.59689083	181.50000000	4250.2291667	143.578
ST	4	44.50000000	41.12987560	4.00000000	100.00000000	20.56493780	178.00000000	1691.6666667	92.427
TT	4	196.75000000	29.54897258	175.50000000	229.00000000	12.77448629	787.00000000	652.75000000	12.989
----- DP=DN SV=WD71 SSI=66J -----									
POI	5	153.15000000	39.45947288	88.50000000	188.00000000	17.64681274	765.75000000	1557.05000000	25.162
MEAN	5	29.70000000	33.78720172	0.00000000	67.50000000	19.11009596	128.50000000	1141.57500000	131.462
ST	5	15.65000000	22.41205033	0.00000000	54.50000000	10.02297361	78.25000000	502.30000000	143.162
TT	5	194.50000000	13.85918896	178.50000000	214.75000000	6.19828605	972.50000000	192.0937500	7.122
----- DP=DN SV=WD72 SSI=66H -----									
POI	1	34.00000000		34.00000000	34.00000000		34.00000000		
MEAN	1	95.00000000		95.00000000	95.00000000		95.00000000		
ST	1	47.00000000		47.00000000	47.00000000		47.00000000		
TT	1	176.00000000		176.00000000	176.00000000		176.00000000		
----- DP=DN SV=WD73 SSI=66H -----									
POI	6	146.7916667	51.52727837	63.00000000	191.00000000	21.03592331	880.75000000	2655.0604167	35.102
MEAN	6	13.99833333	14.62738585	2.50000000	39.25000000	9.97160527	83.75000000	213.9604167	104.482
ST	6	43.37500000	52.02205061	2.75000000	143.00000000	21.23791323	260.25000000	2706.2937500	119.432
TT	6	234.12500000	30.00614520	180.25000000	260.00000000	12.24993748	1224.75000000	900.3687500	14.103

13:35 FRIDAY, JUNE 7, 1985

SAS

Variable	N	49-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=DN SV=ND73 SSI=66J									
PCT	4	178.37500000	29.14085321	148.50000000	204.00000000	12.57042660	713.50000000	632.06250000	14.074
PCT	4	3.12500000	4.04917687	0.00000000	8.50000000	2.02458844	12.50000000	16.39583333	129.374
PCT	4	28.37500000	16.79000000	13.00000000	91.50000000	8.37500000	113.50000000	280.56250000	59.031
T	4	209.87500000	13.50540015	196.50000000	222.00000000	6.75270008	839.50000000	182.39583333	6.433
DP=DN SV=ND74 SSI=66E									
PCT	1	169.00000000		169.00000000	169.00000000		169.00000000		
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
T	1	169.00000000		169.00000000	169.00000000		169.00000000		
DP=DN SV=ND74 SSI=66F									
PCT	2	171.37500000	23.86485387	154.50000000	188.25000000	16.87500000	342.75000000	569.53125000	13.926
PCT	2	26.00000000	21.21320344	11.00000000	41.00000000	15.00000000	52.00000000	450.00000000	81.859
PCT	2	1.37500000	1.99097026	0.25000000	2.50000000	1.12500000	2.75000000	2.53125000	115.768
T	2	192.75000000	1.06064017	198.00000000	199.50000000	0.75000000	397.50000000	1.12500000	0.334
DP=DN SV=ND74 SSI=66H									
PCT	4	124.00000000	70.85313449	19.00000000	171.00000000	35.42656724	496.00000000	5020.16666667	57.143
PCT	4	34.62500000	40.74590982	0.00000000	92.00000000	20.37295491	138.50000000	1660.22916667	117.475
PCT	4	43.50000000	48.43208303	0.00000000	106.00000000	24.21604152	174.00000000	2345.66666667	111.335
T	4	202.12500000	66.26509262	168.00000000	301.50000000	33.13254631	808.50000000	4391.06250000	32.784
DP=DN SV=ND74 SSI=66J									
PCT	3	104.00000000	49.56813493	53.00000000	152.00000000	28.61817604	312.00000000	2457.00000000	47.542
PCT	3	22.00000000	32.92415527	2.00000000	60.00000000	19.00876991	66.00000000	1084.00000000	149.453
PCT	3	45.66666667	44.09459528	0.00000000	88.00000000	25.45802646	137.00000000	1944.33333333	96.855
T	3	171.66666667	25.57994006	154.00000000	201.00000000	14.76858528	515.00000000	654.33333333	14.901
DP=DN SV=ND75 SSI=66H									
PCT	3	84.83333333	35.35651755	48.00000000	118.50000000	20.41309493	254.50000000	1250.08333333	41.573
PCT	3	35.16666667	34.66386207	4.00000000	72.50000000	20.01319009	105.50000000	1201.58333333	98.370
PCT	3	89.91666667	35.87895673	48.00000000	115.00000000	20.71449439	266.75000000	1287.27083333	40.351
T	3	203.91666667	49.11103612	170.50000000	264.25000000	28.39428147	626.75000000	2411.89583333	23.307
DP=DN SV=ND75 SSI=66J									
PCT	2	117.00000000	60.81118318	74.00000000	160.00000000	43.00000000	234.00000000	3698.00000000	51.177
PCT	2	10.75000000	3.88908730	8.00000000	13.50000000	2.75000000	21.50000000	15.12500000	36.179
PCT	2	41.50000000	58.68786284	0.00000000	83.00000000	41.90000000	83.00000000	3444.50000000	141.421
T	2	169.25000000	113.61195872	87.50000000	251.00000000	81.75000000	338.50000000	13366.12500000	68.306
DP=DPCCM SV=DPCCM SSI=60A									
PCT	2	110.00000000	52.32590181	73.00000000	147.00000000	37.00000000	220.00000000	2738.00000000	47.365
PCT	2	94.37500000	75.48364889	40.00000000	146.75000000	53.37500000	186.75000000	5697.78125000	80.355
PCT	2	31.25000000	10.25304833	24.00000000	38.50000000	7.25000000	62.50000000	105.12500000	32.810
T	2	234.62500000	33.41079541	211.00000000	298.25000000	23.62500000	469.25000000	1116.28125000	14.240

13:35 FRIDAY, JUNE 7, 1985

SAS

VARIABLE	N	HPAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=DPCCM SV=DPCCM SSI=60E									
PCT	3	173.5000000	19.83053202	131.5000000	170.0000000	11.44916300	520.5000000	393.25000000	11.420
POST	3	12.66466667	2.75378527	9.50000000	14.50000000	1.58989867	38.00000000	7.58333333	21.740
PA	3	21.16666667	13.51234004	11.00000000	36.50000000	7.80135316	63.50000000	182.58333333	63.830
TT	3	207.33333333	8.94892917	197.5000000	213.0000000	5.16666667	622.0000000	80.08333333	4.815
DP=DPCCM SV=DPCCM SSI=60L									
PCT	2	136.7500000	71.06423191	86.50000000	187.0000000	50.25000000	273.5000000	5050.1250000	51.767
POST	2	21.12500000	0.17677670	21.00000000	21.25000000	0.12500000	42.25000000	0.0312500	0.837
PA	2	36.50000000	40.30508653	8.00000000	65.00000000	28.50000000	73.0000000	1624.5000000	110.425
TT	2	194.3750000	30.93592168	172.5000000	216.2500000	21.87500000	388.7500000	957.0312500	15.712
DP=DPCCM SV=DPCCM SSI=61F									
PCT	1	120.0000000		120.0000000	120.0000000		120.0000000		
POST	1	18.75000000		18.75000000	18.75000000		18.7500000		
PA	1	64.00000000		64.00000000	64.00000000		64.0000000		
TT	1	202.7500000		202.7500000	202.7500000		202.7500000		
DP=DPCCM SV=DPCCM SSI=61H									
PCT	1	139.0000000		139.0000000	139.0000000		139.0000000		
POST	1	54.50000000		54.50000000	54.50000000		54.5000000		
PA	1	3.00000000		3.00000000	3.00000000		3.0000000		
TT	1	196.5000000		196.5000000	196.5000000		196.5000000		
DP=DPCCM SV=DPCCM SSI=61N									
PCT	2	135.0000000	83.43860018	76.00000000	194.0000000	59.00000000	270.0000000	6962.0000000	61.902
POST	2	13.50000000	8.83883476	7.25000000	19.75000000	6.25000000	27.0000000	78.1250000	65.477
PA	2	61.50000000	71.41778490	11.00000000	112.0000000	50.50000000	123.0000000	5100.5000000	116.126
TT	2	210.0000000	20.85965005	195.2500000	224.7500000	14.75000000	420.0000000	435.1250000	9.753
DP=DPCCM SV=DPCCM SSI=65B									
PCT	2	149.5000000	24.74873734	132.0000000	167.0000000	17.50000000	299.0000000	612.5000000	16.154
POST	2	12.25000000	0.35355339	12.00000000	12.50000000	0.25000000	24.5000000	0.1250000	2.382
PA	2	27.50000000	31.46625176	5.25000000	49.75000000	22.25000000	55.0000000	990.1250000	114.423
TT	2	189.2500000	7.07106781	184.2500000	194.2500000	5.00000000	378.5000000	50.0000000	3.150
DP=DPCCM SV=DPCCM SSI=66H									
PCT	3	63.83333333	54.88700514	16.50000000	124.0000000	31.68902719	191.5000000	3012.5833333	85.955
POST	3	34.58333333	20.6096927	16.00000000	56.75000000	11.89917131	103.7500000	424.7708333	59.475
PA	3	63.33333333	28.74601422	37.00000000	94.00000000	16.59651905	190.0000000	826.3333333	45.382
TT	3	161.7500000	25.53264174	132.2500000	177.0000000	14.75282459	485.2500000	652.9375000	15.780
DP=DPCCM SV=DPCCM SSI=68K									
PCT	5	135.7000000	34.35949650	85.50000000	161.5000000	15.36603397	678.5000000	1180.5750000	25.620
POST	5	18.70000000	17.60894659	4.00000000	48.50000000	7.87496032	93.5000000	310.0750000	94.157
PA	5	35.70000000	32.85688664	11.50000000	84.00000000	14.69404641	178.5000000	1079.5750000	92.030
TT	5	190.1000000	18.27019431	174.0000000	220.0000000	8.17067929	950.5000000	333.8000000	9.511

13:35 FRIDAY, JUNE 7, 1985

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C

VARIANCE

SUM

STD ERROR
OF MEANMAXIMUM
VALUEMINIMUM
VALUESTANDARD
DEVIATION

N

VARIABLE

DP=DPCCH SV=DPCCH SSI=68L

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PO	1	137.0000000		137.0000000	137.0000000		137.0000000		
POCT	1	6.0000000		6.0000000	6.0000000		6.0000000		
PA	1	40.0000000		40.0000000	40.0000000		40.0000000		
PI	1	183.0000000		183.0000000	183.0000000		183.0000000		

DP=DPCCH SV=DPCCH SSI=68M

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PO	1	71.5000000		71.5000000	71.5000000		71.5000000		
POCT	1	20.7500000		20.7500000	20.7500000		20.7500000		
PA	1	110.0000000		110.0000000	110.0000000		110.0000000		
PI	1	202.2500000		202.2500000	202.2500000		202.2500000		

DP=HQ SV=HQ SSI=00B

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PO	1	0.0000000		0.0000000	0.0000000		0.0000000		
POCT	1	176.5000000		176.5000000	176.5000000		176.5000000		
PA	1	76.5000000		76.5000000	76.5000000		76.5000000		
PI	1	253.0000000		253.0000000	253.0000000		253.0000000		

DP=HQ SV=HQ SSI=61F

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PO	1	3.5000000		3.5000000	3.5000000		3.5000000		
POCT	1	160.0000000		160.0000000	160.0000000		160.0000000		
PA	1	65.5000000		65.5000000	65.5000000		65.5000000		
PI	1	229.0000000		229.0000000	229.0000000		229.0000000		

DP=HQ SV=HQ SSI=60E

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PO	2	175.7500000	21.56675683	160.5000000	191.0000000	15.2500000	351.5000000	465.1250000	12.171
POCT	2	50.0000000	45.25463400	18.0000000	82.0000000	32.0000000	100.0000000	2048.0000000	90.515
PA	2	26.0000000	36.76955262	0.0000000	52.0000000	26.0000000	52.0000000	1352.0000000	141.431
PI	2	251.7500000	30.05203820	230.5000000	273.0000000	21.2500000	503.5000000	903.1250000	11.177

DP=HQ SV=HQ SSI=60H

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PO	4	132.9375000	69.57381422	35.0000000	197.7500000	34.78690711	531.7500000	4840.5156250	52.352
POCT	4	80.1875000	71.57728199	9.7500000	167.0000000	35.78864098	320.7500000	5123.3072917	89.102
PA	4	20.5000000	34.06366988	0.0000000	71.0000000	17.03183294	82.0000000	1160.3333333	166.151
PI	4	233.6750000	33.10935165	205.0000000	273.0000000	16.55467582	934.5000000	1096.2291667	14.172

DP=HQ SV=HQ SSI=60G

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PO	2	103.2	54.09366876	65.0000000	141.5000000	38.2500000	206.5000000	2926.1250000	52.351
POCT	2	27.75	11.66726189	19.5000000	36.0000000	8.2500000	55.5000000	136.1250000	42.844
PA	2	75.2500000	58.33630945	34.0000000	116.5000000	41.2500000	150.5000000	3403.1250000	77.322
PI	2	206.2500000	7.42462120	201.0000000	211.5000000	5.2500000	412.5000000	55.1250000	3.502

DP=HQ SV=HQ SSI=61F

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
PO	6	171.3333333	76.86785197	62.0000000	267.0000000	31.38116916	1028.0000000	5908.6666667	44.842
POCT	6	61.8333333	24.70924724	18.0000000	82.0000000	10.08767124	389.0000000	610.5666667	38.112
PA	6	18.3333333	33.14010662	0.0000000	82.0000000	13.52939187	110.0000000	1098.2666667	180.764
PI	6	251.5000000	58.63360811	171.0000000	325.0000000	23.93707027	1527.0000000	3437.9000000	23.037

APPENDIX S

PROVIDER TIME BY SPECIALTY

15:00 WEDNESDAY, JUNE 19, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
BR=ANSC SSI=65A									
PCT	8	64.93750000	30.84661072	6.00000000	106.00000000	10.90592381	519.5000000	951.51339286	47.
WCT	8	97.03125000	15.54684023	73.50000000	120.75000000	5.49663808	776.2500000	241.70424107	16.
NAT	8	37.46875000	28.09627501	2.00000000	90.00000000	9.93353329	299.7500000	789.40066964	74.
TT	8	197.43750000	12.54972254	184.00000000	217.75000000	4.43699695	1595.5000000	157.49553571	6.
BR=ANSC SSI=65B									
PCT	12	102.20833333	38.18982456	42.50000000	167.00000000	11.02329804	1226.5000000	1458.1571970	37.
WCT	12	48.77083333	38.11189541	12.00000000	144.50000000	11.00195654	585.2500000	1452.5165720	78.
NAT	12	46.25000000	26.52828679	5.25000000	99.00000000	7.65805676	595.0000000	703.7500000	57.
TT	12	197.22916667	16.41107523	182.00000000	234.50000000	4.73746935	2366.7500000	269.3233902	8.
BR=ANSC SSI=66A									
PCT	6	31.66666667	74.63689883	0.00000000	184.00000000	30.47038635	190.0000000	5370.6666667	235.
WCT	6	170.25000000	77.23333460	61.00000000	298.50000000	31.53120148	1021.5000000	5965.3000000	45.
NAT	6	38.54166667	21.76839586	6.00000000	66.00000000	8.96856003	231.2500000	482.6104167	56.
TT	6	240.45833333	60.27653289	177.75000000	328.50000000	24.60779151	1442.7500000	3633.2604167	25.
BR=ANSC SSI=66B									
PCT	5	44.60000000	24.42949038	22.00000000	72.00000000	10.92520023	223.0000000	596.8000000	54.775
WCT	5	90.15000000	49.51060492	34.25000000	150.00000000	22.14181564	450.7500000	2451.3000000	54.920
NAT	5	52.20000000	43.46636631	14.50000000	125.50000000	19.43874996	261.0000000	1889.3250000	83.269
TT	5	186.95000000	14.78639577	176.00000000	212.00000000	6.61267722	934.7500000	218.6325000	7.909
BR=ANSC SSI=66C									
PCT	12	95.91666667	52.40622939	11.00000000	176.00000000	15.12837532	1151.0000000	2746.4128788	54.637
WCT	12	43.95833333	53.39026909	0.00000000	175.00000000	15.41244312	527.5000000	2850.5208333	121.457
NAT	12	62.56250000	61.24671837	1.00000000	184.00000000	17.68040467	726.7500000	3251.1605114	101.130
TT	12	203.43750000	41.56841636	157.00000000	300.00000000	11.99976819	2405.2500000	1727.9332386	20.739
BR=ANSC SSI=66D									
PCT	18	111.48611111	61.15664989	0.00000000	187.50000000	14.41476062	2006.7500000	3740.1358252	54.850
WCT	18	47.90277778	71.17579412	0.00000000	217.00000000	16.77629556	862.2500000	5065.9936683	148.384
NAT	18	36.20833333	27.71947845	1.00000000	90.00000000	6.53354373	651.7500000	768.3694853	76.556
TT	18	195.59722222	33.81384363	155.00000000	279.00000000	7.96999938	3520.7500000	1143.3760212	17.287
BR=ANSC SSI=66E									
PCT	12	108.62500000	39.12606909	6.00000000	169.00000000	17.06822395	1303.5000000	3495.8920453	54.431
WCT	12	64.33333333	84.95241538	0.00000000	243.00000000	24.52364994	772.0000000	7216.9128788	132.050
NAT	12	14.10416667	24.65822247	0.00000000	83.00000000	7.11821569	169.2500000	608.0279356	174.829
TT	12	187.06250000	27.89843372	165.25000000	257.00000000	8.04203710	2244.7500000	776.0923295	14.893
BR=ANSC SSI=66F									
PCT	8	118.78125000	61.24095232	8.00000000	188.25000000	21.65194634	950.2500000	3750.4542411	51.558
WCT	8	45.87500000	63.17365522	0.00000000	185.50000000	22.33526000	367.0000000	3990.9107143	137.708
NAT	8	46.46875000	43.84804066	0.25000000	120.00000000	15.50262345	371.7500000	1922.6506696	94.360
TT	8	211.12500000	34.24882688	177.00000000	265.00000000	12.10878887	1689.0000000	1172.9821429	16.222

15:00 WEDNESDAY, JUNE 19, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
BR=ANC SSI=66C									
PCT	9	123.4166667	60.80784283	0.0000000	179.0000000	20.26928094	1110.7500000	3697.9937500	49.479
NPCT	9	37.13888889	40.73679063	2.0000000	127.5000000	13.57893021	334.2500000	1659.4861111	109.688
NAT	9	26.33333333	23.26762998	3.0000000	67.0000000	8.42254333	237.0000000	638.4531250	95.953
TT	9	185.8888889	9.70833333	178.0000000	209.0000000	3.23611111	1682.0000000	94.2517361	5.195
BR=ANC SSI=66H									
PCT	123	109.08780488	64.95269244	0.0000000	213.5000000	5.85658614	13417.8000000	4218.8509566	59.542
NPCT	123	44.46951220	57.75820133	0.0000000	253.0000000	5.20788163	5469.7500000	3336.0098211	129.883
NAT	123	44.71983366	41.46237397	0.0000000	172.0000000	3.73853636	5500.0500000	1719.1284556	92.724
TT	123	198.27317073	32.04338139	104.7500000	310.0000000	2.88925440	24387.6000000	1026.7782907	16.161
BR=ANC SSI=66J									
PCT	37	130.21621622	51.17634145	0.0000000	204.0000000	8.41333871	4818.0000000	2619.0179242	39.301
NPCT	37	21.75675676	29.46605194	0.0000000	150.0000000	4.84418910	805.0000000	868.2482170	135.434
NAT	37	38.37162162	37.63898419	0.0000000	140.5000000	6.18781088	1419.7500000	1416.6931306	98.091
TT	37	190.34459459	31.38058003	87.5000000	264.5000000	5.15893558	7042.7500000	984.7408033	16.486
BR=MC SSI=00B									
PCT	1	0.00000000		0.0000000	0.0000000		0.0000000		
NPCT	1	176.50000000		176.5000000	176.5000000		176.5000000		
NAT	1	76.50000000		76.5000000	76.5000000		76.5000000		
TT	1	253.00000000		253.0000000	253.0000000		253.0000000		
BR=MC SSI=60A									
PCT	2	110.00000000	52.32590181	73.0000000	147.0000000	37.00000000	220.0000000	2738.0000000	47.569
NPCT	2	93.37500000	75.48364889	40.0000000	146.7500000	53.37500000	186.7500000	5697.7812500	80.839
NAT	2	31.25000000	10.25304833	24.0000000	38.5000000	7.25000000	62.5000000	105.1250000	32.816
TT	2	234.62500000	33.41079541	211.0000000	258.2500000	23.62500000	469.2500000	1116.2812500	14.240
BR=MC SSI=60B									
PCT	6	111.66666667	49.69775313	28.0000000	174.0000000	20.28902276	670.0000000	2469.8666667	44.505
NPCT	6	70.33333333	36.99038876	45.0000000	120.0000000	15.10114050	422.0000000	1368.2666667	52.593
NAT	6	43.08333333	32.41977277	0.0000000	72.0000000	13.23531691	258.5000000	1051.0416667	75.249
TT	6	225.08333333	39.99302022	177.0000000	284.0000000	16.32708214	1350.5000000	1599.4416667	17.768
BR=MC SSI=60E									
PCT	82	180.34655122	93.34800403	0.0000000	381.0000000	10.52942559	14804.8500000	9091.2418733	52.811
NPCT	82	59.39024390	54.01660264	0.0000000	239.0000000	5.96513986	4542.0000000	2917.7933604	97.520
NAT	82	31.23475610	36.48072270	0.0000000	174.0000000	4.02862188	2561.2500000	1330.8431290	116.795
TT	82	267.17195122	65.54494773	133.0000000	443.0000000	7.34866013	21908.1000000	4428.2300678	24.907
BR=MC SSI=60F									
PCT	10	126.90000000	93.82187615	28.0000000	346.0000000	29.66908230	1269.0000000	8802.5444444	73.934
NPCT	10	79.95000000	43.84027195	20.0000000	139.0000000	13.86351126	799.5000000	1921.9694444	54.835
NAT	10	29.90000000	22.31441985	0.0000000	70.5000000	7.05643914	299.0000000	497.9333333	74.630
TT	10	236.75000000	51.54730837	191.0000000	366.0000000	16.30069017	2367.5000000	2657.1250000	21.773

15:00 WEDNESDAY, JUNE 19, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
SS1=60G									
BR=MC									
PCT	3	69.50000000	34.21622422	32.50000000	100.00000000	19.73474627	208.50000000	1170.75000000	49.732
NPCT	3	127.50000000	24.86463352	108.00000000	155.50000000	14.35560286	382.50000000	618.25000000	19.502
NAT	3	44.16666667	39.83410852	16.00000000	84.50000000	20.68883220	132.50000000	1284.08333333	81.134
TT	3	241.16666667	20.25051440	224.00000000	263.50000000	11.69163994	723.50000000	410.08333333	8.397
SS1=60H									
BR=MC									
PCT	4	132.93750000	69.57381422	35.00000000	197.75000000	34.78497011	531.75000000	4840.51562500	52.336
NPCT	4	80.18750000	71.57728195	9.75000000	167.00000000	35.78840988	320.75000000	5123.3072917	89.262
NAT	4	20.50000000	34.06366588	0.00000000	71.00000000	17.03183294	82.00000000	1160.33333333	166.164
TT	4	233.62500000	33.10935165	205.00000000	273.00000000	16.55467582	934.50000000	1096.2291667	14.172
SS1=60J									
BR=MC									
PCT	11	140.27272727	102.03317197	47.00000000	388.00000000	30.76415887	1542.50000000	10410.768182	72.763
NPCT	11	76.36363636	40.74744833	23.00000000	144.00000000	12.28581793	840.00000000	1660.354545	53.360
NAT	11	30.34090909	17.97160007	8.00000000	60.00000000	5.41864130	333.75000000	322.978409	59.232
TT	11	246.93181818	72.93696687	169.00000000	419.00000000	21.99132295	2716.25000000	5319.801136	29.937
SS1=60K									
BR=MC									
PCT	10	185.30000000	104.71872378	0.00000000	319.00000000	33.11496809	1853.00000000	10966.011111	56.913
NPCT	10	23.80000000	27.9552023	0.00000000	69.00000000	8.84031171	238.00000000	781.511111	117.460
NAT	10	36.60000000	73.59981884	0.00000000	176.00000000	23.27430629	366.00000000	5416.933333	201.092
TT	10	245.70000000	46.92420768	176.00000000	331.00000000	14.86087331	2457.00000000	2308.453556	19.127
SS1=60L									
BR=MC									
PCT	9	110.41666667	56.05605453	24.25000000	187.00000000	18.68535151	993.75000000	3142.28125000	50.766
NPCT	9	71.94444444	60.81179699	0.00000000	169.50000000	20.27059900	647.50000000	3698.0746528	84.526
NAT	9	48.27777778	44.42487416	0.00000000	112.00000000	14.80829139	434.50000000	1973.569444	92.019
TT	9	230.63888889	65.25971086	146.00000000	365.00000000	21.75323695	2075.75000000	4298.8298611	28.295
SS1=60M									
BR=MC									
PCT	3	93.25000000	28.81731250	60.00000000	111.00000000	16.63768313	279.75000000	830.43750000	30.903
NPCT	3	132.83333333	37.28382133	90.00000000	158.00000000	21.52582428	398.50000000	1390.08333333	28.068
NAT	3	29.50000000	7.85811682	22.50000000	38.00000000	4.53688586	88.50000000	61.75000000	26.638
TT	3	255.58333333	22.92497327	239.00000000	281.75000000	13.23846458	766.75000000	525.77083333	8.972
SS1=60N									
BR=MC									
PCT	17	158.52941176	58.89515859	55.00000000	273.00000000	14.28417410	3375.00000000	3468.6397059	29.666
NPCT	17	32.09882353	27.90042694	0.00000000	96.00000000	6.76684749	549.00000000	778.4338235	87.029
NAT	17	18.64705882	36.00857741	0.00000000	136.00000000	8.73336283	317.00000000	1296.6176471	193.106
TT	17	249.23529412	26.06129652	197.00000000	285.00000000	6.32079284	4237.00000000	679.1911765	10.457
SS1=60P									
BR=MC									
PCT	33	176.73481848	114.43270299	0.00000000	380.00000000	19.92017670	5832.25000000	13094.843513	64.748
NPCT	33	72.57575758	56.59123872	0.00000000	214.50000000	9.85127018	2395.00000000	3202.568300	77.975
NAT	33	31.59090909	37.24909910	0.00000000	136.00000000	6.48423586	1141.50000000	1387.495384	107.685
TT	33	283.90151515	79.30304168	148.00000000	438.00000000	13.80488761	9368.75000000	6288.972420	27.932

15:01 WEDNESDAY, JUNE 19, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
BR=MC SSI=60Q									
PCT	3	112.8333333	41.69632278	65.0000000	141.5000000	24.07338318	338.5000000	1738.5833333	36.784
NPCT	3	33.16666667	12.49333155	19.5000000	44.0000000	7.21302834	99.5000000	156.0833333	37.668
NAT	3	50.16666667	59.90695871	0.0000000	116.5000000	34.58845344	150.5000000	3589.0833333	119.420
TT	3	196.16666667	18.23686742	176.0000000	211.5000000	10.52906031	588.5000000	332.5833333	9.297
BR=MC SSI=60R									
PCT	2	93.25000000	22.98097039	77.0000000	109.5000000	16.25000000	186.5000000	528.1250000	24.644
NPCT	2	85.00000000	57.98275606	45.0000000	127.0000000	41.00000000	172.0000000	3362.0000000	67.422
NAT	2	61.00000000	40.30508653	32.5000000	89.5000000	28.50000000	122.0000000	1624.5000000	66.074
TT	2	240.25000000	5.30330086	236.5000000	244.0000000	3.75000000	480.5000000	28.1250000	2.207
BR=MC SSI=60S									
PCT	7	86.07142857	40.13251858	35.0000000	148.0000000	15.16866624	602.5000000	1610.6190476	46.627
NPCT	7	55.03571429	25.76675368	16.0000000	86.2500000	9.73891748	385.2500000	663.9255952	46.818
NAT	7	69.46428571	47.58160284	13.2500000	154.0000000	17.98415544	486.2500000	2264.0089286	48.498
TT	7	210.57142857	40.74231319	173.5000000	287.0000000	15.39922253	1474.0000000	1659.9523810	19.349
BR=MC SSI=60T									
PCT	14	139.28571429	61.52476496	0.0000000	210.0000000	16.44318509	1894.0000000	3785.2967033	45.478
NPCT	14	63.85714286	35.99755791	0.0000000	105.0000000	9.62075203	894.0000000	1295.8241758	56.372
NAT	14	59.71428571	53.92648639	0.0000000	172.0000000	14.41245972	822.0000000	2908.0659341	91.846
TT	14	257.85714286	35.07013924	172.0000000	294.0000000	9.64015021	3610.0000000	1301.0549451	13.488
BR=MC SSI=60U									
PCT	3	63.83333333	16.75062188	47.0000000	80.5000000	9.67097605	191.5000000	280.5833333	26.241
NPCT	3	133.66666667	35.15797681	104.0000000	172.5000000	20.29846738	401.0000000	1236.0833333	26.303
NAT	3	37.16666667	4.31083905	32.5000000	41.0000000	2.48885409	111.5000000	18.5833333	11.599
TT	3	234.66666667	55.70053782	183.5000000	294.0000000	32.15889371	704.0000000	3102.5833333	23.736
BR=MC SSI=60V									
PCT	13	131.57692308	94.17262433	0.0000000	327.7500000	26.11878660	1710.5000000	8868.4831731	71.573
NPCT	13	67.07692308	41.12423550	4.0000000	147.0000000	11.40580798	872.0000000	1691.2019231	61.309
NAT	13	22.05769231	29.07249449	0.0000000	80.0000000	8.06325920	286.7500000	845.2099359	131.802
TT	13	220.71153846	78.16254739	36.0000000	386.2500000	21.67839019	2869.2500000	6109.3838141	35.414
BR=MC SSI=60W									
PCT	19	74.43421053	53.03587898	13.5000000	241.0000000	12.16726510	1414.2500000	2812.8044591	71.252
NPCT	19	109.84210526	33.87632844	49.5000000	156.5000000	7.77176275	2087.0000000	1147.6056287	30.841
NAT	19	32.50000000	23.74795313	0.0000000	76.0000000	5.44815409	617.5000000	563.9652778	73.071
TT	19	216.7631579	43.41489878	167.5000000	310.0000000	9.96006086	4118.7500000	1884.8534357	20.028
BR=MC SSI=60Z									
PCT	4	77.25000000	13.86542462	62.0000000	89.0000000	6.93271231	309.0000000	192.2500000	17.949
NPCT	4	93.00000000	16.18641406	76.0000000	115.0000000	8.09320703	372.0000000	262.0000000	17.405
NAT	4	33.87500000	21.62704711	18.0000000	65.0000000	10.81352355	135.5000000	467.7291667	63.844
TT	4	201.12500000	33.70058110	163.0000000	245.0000000	16.85029035	816.5000000	1135.7291667	16.310

15:01 WEDNESDAY, JUNE 19, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- BR=MC SSI=61A -----									
PCT	1	107.0000000		107.0000000	107.0000000		107.0000000		
NPCT	1	91.0000000		91.0000000	91.0000000		91.0000000		
NAT	1	34.0000000		34.0000000	34.0000000		34.0000000		
TT	1	232.0000000		232.0000000	232.0000000		232.0000000		
----- BR=MC SSI=61B -----									
PCT	3	160.6666667	81.92883090	84.0000000	247.0000000	47.30163258	482.0000000	6712.3333333	50.493
NPCT	3	39.83333333	30.57913232	7.0000000	67.5000000	17.63487028	119.5000000	935.0833333	76.768
NAT	3	24.33333333	18.14754345	5.0000000	41.0000000	10.47748910	73.0000000	329.3333333	74.579
TT	3	224.83333333	61.79873246	178.5000000	295.0000000	35.67951482	674.5000000	3819.0833333	27.486
----- BR=MC SSI=61C -----									
PCT	6	39.75000000	25.40423193	14.0000000	86.0000000	10.37123426	238.5000000	645.3750000	63.410
NPCT	6	132.08333333	56.49992625	21.0000000	177.0000000	23.06599830	792.5000000	3192.2416667	42.776
NAT	6	39.91666667	53.02491553	4.0000000	144.0000000	21.64733112	239.5000000	2811.6416667	132.839
TT	6	211.75000000	36.59474006	179.0000000	282.5000000	14.93974007	1270.5000000	1339.1750000	17.382
----- BR=MC SSI=61F -----									
PCT	53	150.83490566	105.76626243	3.5000000	374.0000000	14.52811345	7994.250000	11186.502268	70.121
NPCT	53	80.79943396	49.07975168	0.0000000	193.0000000	6.74162237	4280.250000	2408.822025	60.773
NAT	53	20.93396226	25.00193026	0.0000000	83.0000000	3.43427924	1109.500000	625.096517	119.432
TT	53	252.52830189	77.75397848	125.0000000	447.0000000	10.68033308	13384.000000	6045.684280	30.790
----- BR=MC SSI=61G -----									
PCT	5	65.60000000	19.95745475	54.0000000	101.0000000	8.92524509	328.0000000	398.3000000	30.420
NPCT	5	108.30000000	35.42880184	77.0000000	147.0000000	15.84424186	541.5000000	1255.2000000	32.714
NAT	5	25.40000000	17.95271367	0.0000000	40.0000000	8.02869852	127.0000000	322.3000000	70.680
TT	5	199.30000000	16.15394689	174.5000000	213.0000000	7.22426467	996.5000000	260.9500000	8.105
----- BR=MC SSI=61H -----									
PCT	2	181.75000000	60.45762979	139.0000000	224.5000000	42.75000000	363.5000000	3655.1250000	33.264
NPCT	2	52.87500000	2.27809704	51.2500000	54.5000000	1.62500000	105.7500000	5.2812500	4.346
NAT	2	1.50000000	2.12132034	0.0000000	3.0000000	1.50000000	3.0000000	4.5000000	141.421
TT	2	236.12500000	56.03821241	196.5000000	275.7500000	39.62500000	472.2500000	3140.2812500	23.732
----- BR=MC SSI=61J -----									
PCT	33	227.64393939	133.48070188	46.0000000	528.0000000	23.23600770	7528.250000	17817.097775	58.125
NPCT	33	65.80303030	51.97729964	0.0000000	200.0000000	9.04808648	2171.500000	2701.639678	78.989
NAT	33	29.95454545	34.18986821	0.0000000	135.0000000	5.95169212	988.500000	1168.947088	114.139
TT	33	325.40151515	93.58070004	211.0000000	554.0000000	16.29030891	10738.250000	8757.347420	28.759
----- BR=MC SSI=61K -----									
PCT	2	185.50000000	139.30003589	87.0000000	284.0000000	98.50000000	371.0000000	19404.500000	75.094
NPCT	2	69.25000000	1.06066017	68.5000000	70.0000000	0.75000000	138.5000000	1.125000	1.532
NAT	2	34.00000000	22.62741700	16.0000000	48.0000000	16.00000000	64.0000000	512.000000	70.711
TT	2	286.75000000	162.9881100	171.5000000	402.0000000	115.25000000	973.5000000	26565.125000	56.840

15:01 WEDNESDAY, JUNE 14, 1985 6

SAS

VARIABLE N MEAN STANDARD DEVIATION MINIMUM VALUE MAXIMUM VALUE STD ERROR OF MEAN SUM VARIANCE C V

SSI=61M									
	BR=MC								
PGT	19	126.13789474	87.42251373	0.00000000	234.00000000	20.05610014	2397.00000000	7642.4959064	69.296
PGCT	19	62.73684211	56.12371464	0.00000000	222.00000000	12.87566318	1192.00000000	3149.8713450	89.459
PAT	19	54.52631579	68.88423573	0.00000000	176.00000000	15.80313249	1036.00000000	4745.0409357	126.332
TT	19	243.42105263	43.31834099	176.00000000	304.00000000	9.93791128	4625.00000000	1876.4795322	17.796

SSI=61N									
	BR=MC								
PGT	5	178.60600000	62.20771656	76.00000000	240.00000000	27.82013659	893.00000000	3869.80000000	34.831
PGCT	5	13.40000000	13.57226031	0.00000000	34.00000000	6.06969933	67.00000000	184.2062500	101.286
PAT	5	39.00000000	43.96737974	0.00000000	112.00000000	20.55723717	195.00000000	2113.0000000	117.865
TT	5	231.00000000	22.97349016	195.25000000	256.00000000	10.27405713	1155.00000000	527.7812500	9.945

SSI=61P									
	BR=MC								
PGT	5	77.20000000	49.96323648	4.00000000	122.00000000	22.34423863	386.00000000	2496.3250000	64.719
PGCT	5	106.10000000	47.92754949	37.00000000	168.50000000	21.43385173	530.50000000	2297.0500000	45.172
PAT	5	34.20000000	29.54995770	0.00000000	73.00000000	13.21514283	171.00000000	873.2000000	86.403
TT	5	217.50000000	18.21057385	189.00000000	238.00000000	8.14401621	1087.50000000	331.6250000	8.373

SSI=61Q									
	BR=MC								
PGT	3	151.33333333	56.50073746	91.00000000	203.00000000	32.62071598	454.00000000	3192.3333333	37.335
PGCT	3	41.33333333	18.77054430	30.00000000	63.00000000	10.83717880	124.00000000	352.3333333	45.413
PAT	3	52.00000000	26.62755391	27.00000000	80.00000000	15.37313674	156.00000000	709.0000000	51.206
TT	3	244.66666667	33.30.5599	218.00000000	282.00000000	19.22960680	734.00000000	1109.3333333	13.613

SSI=61R									
	BR=MC								
PGT	12	110.41666667	55.94389776	0.00000000	183.00000000	16.14961222	1325.00000000	3129.7196970	50.666
PGCT	12	88.37500000	44.77881246	20.00000000	165.00000000	12.92652971	1060.50000000	2005.1420455	50.669
PAT	12	33.79166667	34.08375935	0.00000000	99.00000000	9.83913362	405.50000000	1161.7026515	100.864
TT	12	232.58333333	41.54305034	176.00000000	352.00000000	12.85847105	2791.00000000	1984.0833333	19.151

SSI=61S									
	BR=MC								
PGT	2	157.62500000	123.92046340	70.00000000	245.25000000	87.62500000	315.25000000	15356.281250	78.617
PGCT	2	61.87500000	28.46104794	41.75000000	82.00000000	20.12500000	123.75000000	810.031250	45.998
PAT	2	68.75000000	30.75914498	47.00000000	90.50000000	21.75000000	137.50000000	946.125000	44.741
TT	2	289.25000000	64.70627048	242.50000000	334.00000000	45.75000000	576.50000000	4186.125000	22.446

SSI=61T									
	BR=MC								
PGT	1	91.00000000		91.00000000	91.00000000		91.00000000		
PGCT	1	117.50000000		117.50000000	117.50000000		117.50000000		
PAT	1	4.00000000		4.00000000	4.00000000		4.00000000		
TT	1	212.50000000		212.50000000	212.50000000		212.50000000		

SSI=61U									
	BR=MC								
PGT	17	101.01470588	72.51187783	7.00000000	264.00000000	17.58671361	1717.25000000	5257.9724265	71.783
PGCT	17	93.10294118	47.39380039	16.00000000	179.25000000	11.49468595	1616.75000000	2246.1723346	49.834
PAT	17	23.61764706	24.07136487	0.00000000	78.00000000	5.83816352	435.50000000	579.4306066	93.964
TT	17	221.73529412	40.03762592	176.00000000	307.00000000	9.71055063	3769.50000000	1603.0114890	18.056

15.01 WEDNESDAY, JUNE 19, 1985 7

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.V.
----- BR=MC SSI=61Z -----									
PCT	4	95.75000000	40.67861846	41.50000000	127.00000000	20.33930923	383.0000000	1654.7500000	42.484
MPCT	4	151.12500000	30.05654394	133.00000000	196.00000000	15.02827197	604.5000000	903.3758333	19.889
PAI	4	30.87500000	31.25799898	0.00000000	71.00000000	15.62899949	123.5000000	977.0625000	101.240
TT	4	277.75000000	22.7064601	251.00000000	299.00000000	11.35323008	1111.0000000	515.5833333	8.175
----- BR=MC SSI=62A -----									
PCT	1	104.00000000		104.00000000	104.00000000		104.00000000		
MPCT	1	95.00000000		95.00000000	95.00000000		95.00000000		
PAI	1	0.00000000		0.00000000	0.00000000		0.00000000		
TT	1	199.00000000		199.00000000	199.00000000		199.00000000		
----- BR=MC SSI=6AF -----									
PCT	8	187.75000000	51.40733689	136.50000000	285.00000000	18.17523826	1502.0000000	2642.7142857	27.381
MPCT	8	43.40625000	26.70872567	4.00000000	81.00000000	9.44296092	347.2500000	713.3560268	61.532
PAI	8	9.68750000	14.68949455	0.00000000	42.00000000	5.19352060	77.5000000	215.7812500	151.633
TT	8	240.84375000	38.84238699	194.00000000	325.00000000	13.73285762	1926.7500000	1508.7310268	16.128
----- BR=MC SSI=6UN -----									
PCT	1	189.00000000		189.00000000	189.00000000		189.00000000		
MPCT	1	24.00000000		24.00000000	24.00000000		24.00000000		
PAI	1	10.00000000		10.00000000	10.00000000		10.00000000		
TT	1	223.00000000		223.00000000	223.00000000		223.00000000		
----- BR=MSC SSI=68K -----									
PCT	9	132.00000000	28.80429655	85.50000000	161.50000000	9.60143218	1188.0000000	829.68750000	21.821
MPCT	9	14.77777778	16.68240875	0.00000000	48.50000000	5.56096938	133.0000000	278.31944444	112.892
PAI	9	37.11111111	25.80791761	11.50000000	84.00000000	8.60263920	334.0000000	666.04861111	69.942
TT	9	183.88888889	17.22240143	156.50000000	220.00000000	5.74080048	1655.0000000	296.61111111	9.366
----- BR=MSC SSI=68L -----									
PCT	3	134.33333333	16.16580754	117.00000000	149.00000000	9.33333333	403.00000000	261.3333333	12.034
MPCT	3	11.16666667	12.37311948	2.00000000	25.50000000	7.25909391	33.50000000	158.0833333	112.395
PAI	3	45.66666667	40.79624166	8.00000000	89.00000000	23.55372110	137.00000000	1664.3333333	89.335
TT	3	191.16666667	14.58023777	182.50000000	208.00000000	8.41790420	573.50000000	212.5833333	7.627
----- BR=MSC SSI=68M -----									
PCT	7	51.28571429	38.90036112	8.50000000	108.50000000	14.70295449	359.0000000	1513.2380952	75.850
MPCT	7	64.35714286	27.29921288	20.75000000	94.00000000	10.31813261	450.5000000	745.2470238	42.418
PAI	7	77.82142857	43.73516755	20.50000000	146.00000000	16.53033956	544.7500000	1912.7648810	56.199
TT	7	193.46428571	13.64232734	178.00000000	216.00000000	5.15631506	1354.2500000	186.1130952	7.052
----- BR=MSC SSI=68R -----									
PCT	8	63.31250000	41.76288296	0.00000000	105.50000000	14.76540887	506.5000000	1744.1383929	65.963
MPCT	8	64.09375000	47.39121707	9.00000000	155.50000000	16.75532548	512.7500000	2245.9274554	73.940
PAI	8	51.03125000	36.50402069	8.50000000	94.00000000	12.90612029	408.2500000	1332.5435268	71.533
TT	8	178.43750000	26.98470135	117.00000000	204.50000000	9.54053266	1427.5000000	728.1741071	15.123

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- BR=MSC SSI=68S -----									
FCI	4	35.62500000	16.25512740	19.50000000	52.00000000	8.12756370	142.50000000	264.22916667	45.428
W-CT	4	125.50000000	24.09356761	93.00000000	145.00000000	12.04678380	502.00000000	580.50000000	19.198
WAT	4	24.12500000	18.35926197	7.00000000	40.00000000	9.17963098	96.50000000	337.06250000	76.101
TT	4	185.25000000	25.35251467	152.50000000	206.50000000	12.67625733	741.00000000	642.75000000	13.686
----- BR=MSC SSI=68U -----									
FCI	5	64.70000000	12.46294508	45.50000000	74.50000000	5.57359848	323.50000000	155.32500000	19.263
W-CT	5	113.50000000	28.18687638	92.00000000	162.00000000	12.60555433	567.50000000	794.50000000	24.834
WAT	5	13.20000000	8.00468613	1.00000000	21.50000000	3.57980446	66.00000000	64.07500000	60.642
TT	5	191.40000000	31.38152323	155.50000000	236.50000000	14.03424383	957.00000000	984.80000000	16.396

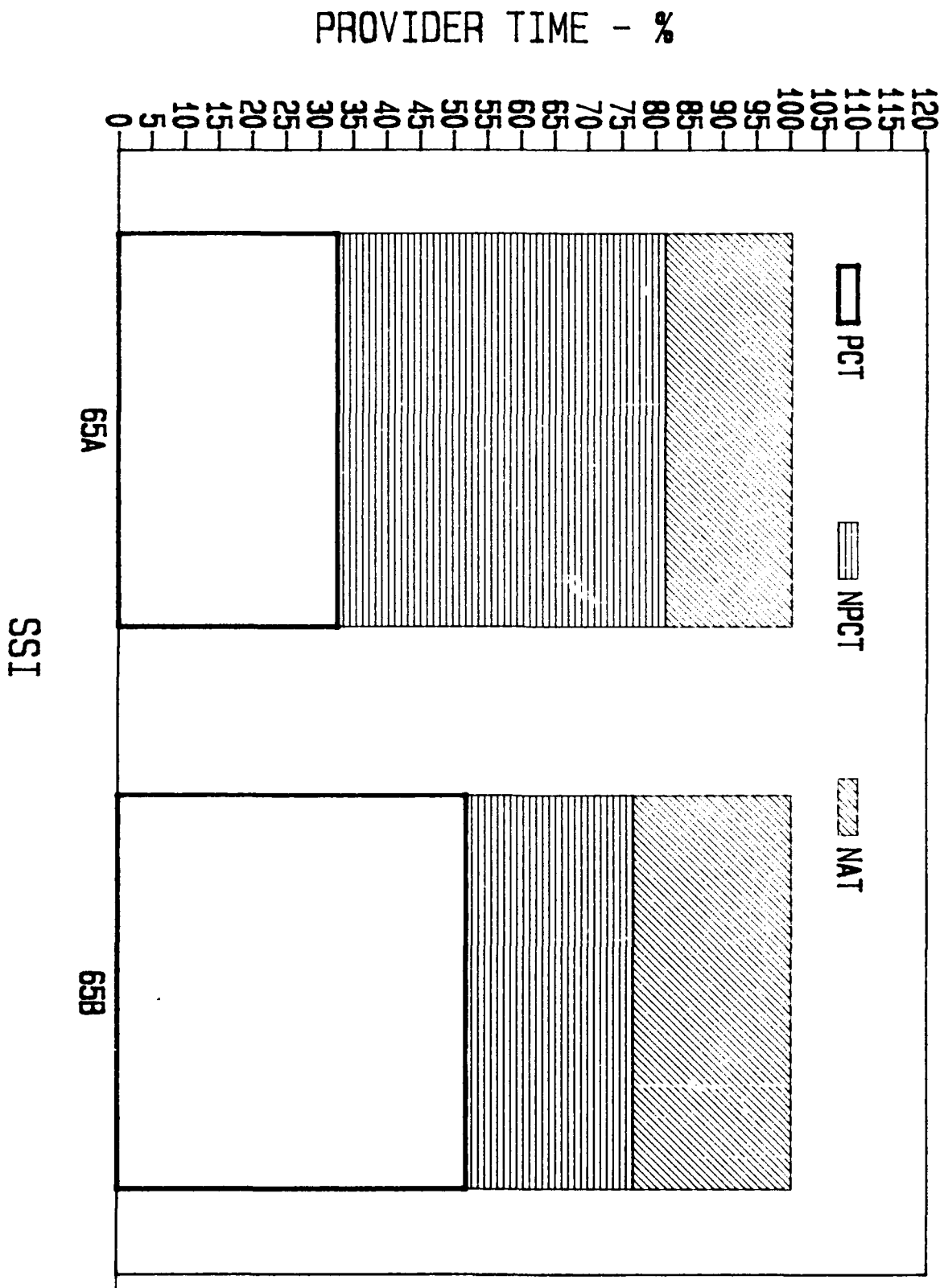
APPENDIX T

PROVIDER TIME BY SPECIALTY/RANK

ARMY NURSE CORPS (66 Series)

<u>Specialty</u>	<u>PCT</u>	<u>NPCT</u>	<u>NAT (%)</u>
66A	13.17	70.80	16.03
66B	23.86	48.22	27.92
66C	47.85	21.93	30.22
66D	57.00	24.50	18.51
66E	58.07	34.39	7.54
66F	56.26	21.73	22.01
66G	66.04	19.87	14.09
66H	55.02	22.43	22.55
66J	68.41	11.43	20.16

PROVIDER TIME - AMSC



PROVIDER TIME BY SPECIALTY/RANK

15:59 MONDAY, JUNE 10, 1985

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
SSI=00B RK=08									
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
NPCT	1	176.50000000		176.50000000	176.50000000		176.50000000		
NAT	1	76.50000000		76.50000000	76.50000000		76.50000000		
TT	1	253.00000000		253.00000000	253.00000000		253.00000000		
SSI=60A RK=06									
PCT	2	110.00000000	52.32590181	73.00000000	147.00000000	37.00000000	220.00000000	2738.00000000	47.355
NPCT	2	93.37500000	75.48361889	40.00000000	146.75000000	53.37500000	186.75000000	5697.78125000	80.355
NAT	2	31.25000000	10.25304833	24.00000000	38.50000000	7.25000000	62.50000000	105.12500000	32.410
TT	2	234.62500000	33.41079541	211.00000000	258.25000000	23.62500000	469.25000000	1116.28125000	14.743
SSI=60B RK=03									
PCT	1	144.00000000		144.00000000	144.00000000		144.00000000		
NPCT	1	45.00000000		45.00000000	45.00000000		45.00000000		
NAT	1	71.00000000		71.00000000	71.00000000		71.00000000		
TT	1	260.00000000		260.00000000	260.00000000		260.00000000		
SSI=60B RK=04									
PCT	3	108.00000000	13.74772708	96.00000000	123.00000000	7.93725393	324.00000000	189.00000000	12.727
NPCT	3	70.66666667	39.31072797	46.00000000	116.00000000	22.69605937	212.00000000	1545.33333333	55.220
NAT	3	40.33333333	32.00520791	8.00000000	72.00000000	18.47821540	121.00000000	1024.33333333	79.332
TT	3	219.00000000	57.08765190	177.00000000	284.00000000	32.95957119	657.00000000	3299.00000000	26.367
SSI=60B RK=05									
PCT	2	101.00000000	103.23759005	28.00000000	174.00000000	73.00000000	202.00000000	10658.00000000	102.212
NPCT	2	82.50000000	43.03300859	45.00000000	120.00000000	37.50000000	165.00000000	2812.50000000	64.382
NAT	2	33.25000000	0.02260095	0.00000000	66.50000000	33.25000000	66.50000000	2211.12500000	141.351
TT	2	216.75000000	18198052	214.90000000	219.00000000	2.25000000	433.90000000	10.12500000	1.463
SSI=60E RK=03									
PCT	70	183.73214285	52.78676975	0.00000000	374.00000000	11.09014018	12651.250000	8609.3846403	51.039
NPCT	70	54.37142857	54.44463919	0.00000000	239.00000000	6.50737904	3806.000000	2964.2187371	100.112
NAT	70	31.73214286	37.56690460	0.00000000	176.00000000	4.49010391	2221.250000	1411.2723214	118.380
TT	70	266.83571429	66.04561563	133.00000000	443.00000000	7.89396093	18678.500000	4362.0233437	24.731
SSI=60E RK=04									
PCT	12	177.46666667	113.74878488	0.00000000	381.00000000	32.83644578	2153.60000000	12938.786061	63.352
NPCT	12	61.33333333	53.35444658	4.00000000	186.50000000	15.40210205	736.00000000	2846.696970	86.491
NAT	12	28.33333333	39.60327770	0.00000000	109.00000000	8.83440531	340.00000000	936.560606	108.012
TT	12	269.13333333	72.39597344	168.50000000	406.00000000	20.89891738	3229.60000000	5241.176970	26.400
SSI=60F RK=03									
PCT	3	207.33333333	134.24355975	78.00000000	346.00000000	77.50555536	622.00000000	18021.333333	64.745
NPCT	3	65.50000000	59.61695381	20.00000000	127.50000000	32.11048635	196.50000000	3093.250000	84.411
NAT	3	23.00000000	20.66397832	0.00000000	40.00000000	11.93035345	69.00000000	427.000000	89.842
TT	3	295.83333333	62.65048550	245.50000000	366.00000000	36.17127467	887.50000000	3925.083333	21.175

15:59 MONDAY, JUNE 10, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- SSI=60F RK=04 -----									
POST	4	122.50000000	44.96294771	82.00000000	181.00000000	22.48147385	490.00000000	2021.6666667	36.102
PRET	4	63.00000000	28.53941639	20.50000000	82.00000000	14.26972319	252.00000000	814.5000000	45.301
VAR	4	22.12500000	8.77832493	14.00000000	32.00000000	4.38926247	88.50000000	77.0625000	39.377
ST	4	207.62500000	14.88497565	191.00000000	224.00000000	7.44248782	830.50000000	221.5625000	7.169
----- SSI=60F RK=05 -----									
POST	1	59.00000000		59.00000000	59.00000000		59.00000000		
PRET	1	74.00000000		74.00000000	74.00000000		74.00000000		
VAR	1	70.50000000		70.50000000	70.50000000		70.50000000		
ST	1	203.50000000		203.50000000	203.50000000		203.50000000		
----- SSI=60F RK=06 -----									
POST	2	49.00000000	29.69848481	28.00000000	70.00000000	21.00000000	98.00000000	882.0000000	60.307
PRET	2	138.50000000	0.70710678	138.00000000	139.00000000	0.50000000	277.00000000	0.5000000	0.312
VAR	2	35.50000000	36.06244584	10.00000000	61.00000000	25.50000000	71.00000000	1300.5000000	101.394
ST	2	223.00000000	7.07106781	218.00000000	228.00000000	5.00000000	446.00000000	50.0000000	3.173
----- SSI=60G RK=05 -----									
POST	2	59.00000000	16.97056275	76.00000000	100.00000000	12.00000000	176.00000000	288.0000000	19.403
PRET	2	131.75000000	33.58757211	108.00000000	155.50000000	23.75000000	263.50000000	1128.1250000	25.491
VAR	2	24.00000000	11.31370850	16.00000000	32.00000000	-8.00000000	48.00000000	128.0000000	47.140
ST	2	243.75000000	27.93071786	224.00000000	263.50000000	19.75000000	487.50000000	780.1250000	11.439
----- SSI=60G RK=06 -----									
POST	1	32.50000000		32.50000000	32.50000000		32.50000000		
PRET	1	119.00000000		119.00000000	119.00000000		119.00000000		
VAR	1	84.50000000		84.50000000	84.50000000		84.50000000		
ST	1	236.00000000		236.00000000	236.00000000		236.00000000		
----- SSI=60H RK=03 -----									
POST	1	197.75000000		197.75000000	197.75000000		197.75000000		
PRET	1	9.75000000		9.75000000	9.75000000		9.75000000		
VAR	1	0.00000000		0.00000000	0.00000000		0.00000000		
ST	1	207.50000000		207.50000000	207.50000000		207.50000000		
----- SSI=60H RK=04 -----									
POST	1	159.00000000		159.00000000	159.00000000		159.00000000		
PRET	1	35.00000000		35.00000000	35.00000000		35.00000000		
VAR	1	11.00000000		11.00000000	11.00000000		11.00000000		
ST	1	205.00000000		205.00000000	205.00000000		205.00000000		
----- SSI=60H RK=05 -----									
POST	1	140.00000000		140.00000000	140.00000000		140.00000000		
PRET	1	109.00000000		109.00000000	109.00000000		109.00000000		
VAR	1	0.00000000		0.00000000	0.00000000		0.00000000		
ST	1	249.00000000		249.00000000	249.00000000		249.00000000		

15:59 MONDAY, JUNE 10, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
SS1=60H RK=06									
1	35	00000000		35	00000000		35	00000000	
1	167	00000000		167	00000000		167	00000000	
1	71	00000000		71	00000000		71	00000000	
1	273	00000000		273	00000000		273	00000000	
SS1=60J RK=03									
3	234	66666667	173.07320224	47	00000000	388	00000000	29954.333333	73.71
3	45	16666667	27.95969515	23	00000000	80	00000000	897.583333	64.97
3	30	00000000	19.07878403	9	00000000	42	00000000	364.000000	63.92
3	310	83333333	128.35530115	169	00000000	419	00000000	16475.083333	41.92
SS1=60J RK=04									
1	126	00000000		126	00000000		126	00000000	
1	41	00000000		41	00000000		41	00000000	
1	28	00000000		28	00000000		28	00000000	
1	195	00000000		195	00000000		195	00000000	
SS1=60J RK=05									
4	98	87500000	44.24246640	51	00000000	144	00000000	1957.39583333	44.74
4	72	50000000	27.70127066	33	50000000	104	00000000	882.1666667	40.07
4	41	62500000	19.11076980	15	00000000	60	00000000	365.2291667	45.91
4	213	00000000	11.60459679	198	00000000	226	00000000	134.6666667	5.142
SS1=60J RK=06									
3	105	66666667	21.73323108	86	00000000	129	00000000	472.33333333	20.45
3	123	50000000	26.93046602	93	00000000	144	00000000	725.25000000	21.95
3	16	41666667	12.43566779	8	50000000	30	75000000	194.64583333	75.93
3	245	58333333	11.95390452	232	00000000	254	50000000	142.89583333	4.562
SS1=60K RK=03									
7	169	85714286	123.99251129	0	00000000	319	00000000	15374.142857	73.40
7	14	71428571	24.22611735	0	00000000	68	00000000	586.904762	164.44
7	52	28571429	81.66741657	0	00000000	176	00000000	7168.571429	161.92
7	235	85714284	52.63531315	176	00000000	331	00000000	2770.476190	22.97
SS1=60K RK=04									
1	229	00000000		229	00000000		229	00000000	
1	14	00000000		14	00000000		14	00000000	
1	0	00000000		0	00000000		0	00000000	
1	243	00000000		243	00000000		243	00000000	
SS1=60K RK=06									
2	221	00000000	9.89949494	214	00000000	228	00000000	98.00000000	4.47
2	60	50000000	12.02081528	52	00000000	69	00000000	144.50000000	19.85
2	0	00000000	0.00000000	0	00000000	0	00000000	0.00000000	0
2	281	50000000	2.12132034	280	00000000	283	00000000	4.50000000	0

15:59 MONDAY, JUNE 10, 1985

SAS

CHARL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- SSI=60L RK=03 -----									
1	2	131.50000000	70.00357134	85.00000000	184.00000000	49.50000000	269.00000000	4900.50000000	52.147
2	2	61.00000000	4.24264069	58.00000000	64.00000000	3.00000000	122.00000000	18.00000000	6.111
3	2	28.00000000	39.99797975	0.00000000	36.00000000	28.00000000	56.00000000	1568.00000000	141.421
4	2	223.50000000	31.64823228	199.00000000	248.00000000	24.50000000	447.00000000	1200.50000000	15.401
----- SSI=60L RK=04 -----									
1	2	125.25000000	49.14372129	90.50000000	160.00000000	34.75000000	250.50000000	2415.12500000	39.111
2	2	84.75000000	119.85459941	0.00000000	169.50000000	84.75000000	169.50000000	14365.12500000	141.421
3	2	108.50000000	4.94974747	105.00000000	112.00000000	3.50000000	217.00000000	24.50000000	4.111
4	2	318.50000000	65.76093065	272.00000000	365.00000000	46.50000000	637.00000000	4324.50000000	20.447
----- SSI=60L RK=05 -----									
1	2	105.62500000	115.08162864	24.25000000	187.00000000	81.37500000	211.25000000	13243.78125000	108.111
2	2	95.25000000	104.65180362	21.25000000	169.25000000	74.00000000	190.50000000	10952.00000000	109.871
3	2	4.75000000	4.99619408	1.50000000	8.00000000	3.25000000	9.50000000	21.12500000	96.111
4	2	205.62500000	15.02601910	195.00000000	216.25000000	10.62500000	411.25000000	225.78125000	7.111
----- SSI=60L RK=06 -----									
1	3	87.66666667	26.26943725	62.00000000	114.50000000	15.16666667	263.00000000	690.08333333	29.401
2	3	55.16666667	29.59025741	21.00000000	72.50000000	17.08394308	165.50000000	875.58333333	53.831
3	3	50.66666667	33.85754470	12.00000000	75.00000000	19.54766255	152.00000000	1146.33333333	66.111
4	3	193.50000000	60.78445525	146.00000000	262.00000000	35.09392160	580.50000000	3694.75000000	31.411
----- SSI=60M RK=04 -----									
1	1	60.00000000		60.00000000	60.00000000		60.00000000		
2	1	158.00000000		158.00000000	158.00000000		158.00000000		
3	1	28.00000000		28.00000000	28.00000000		28.00000000		
4	1	246.00000000		246.00000000	246.00000000		246.00000000		
----- SSI=60M RK=06 -----									
1	2	109.87500000	1.59097026	108.75000000	111.00000000	1.12500000	219.75000000	2.53125000	1.111
2	2	120.25000000	42.7796026	90.00000000	150.50000000	30.25000000	240.50000000	1830.12500000	35.171
3	2	30.25000000	10.96015511	22.50000000	38.00000000	7.75000000	60.50000000	120.12500000	36.111
4	2	260.37500000	30.22881490	239.00000000	281.75000000	21.37500000	520.75000000	913.78125000	11.111
----- SSI=60N RK=03 -----									
1	9	224.22222222	49.60286730	127.00000000	273.00000000	16.53428910	2018.00000000	2460.44444444	22.111
2	9	17.88888889	15.8790715	0.00000000	56.00000000	5.29266905	161.00000000	252.11111111	88.111
3	9	16.33333333	25.58319761	0.00000000	70.00000000	8.52773254	147.00000000	654.50000000	156.111
4	9	258.44444444	25.73475816	207.00000000	285.00000000	8.57825272	2326.00000000	662.27777778	9.111
----- SSI=60N RK=04 -----									
1	5	172.80000000	73.50986328	55.00000000	248.00000000	32.87461026	864.00000000	5403.70000000	42.111
2	5	34.60000000	24.7749739	6.00000000	64.00000000	11.07971119	173.00000000	613.80000000	71.111
3	5	30.80000000	59.3284552	0.00000000	136.00000000	26.52998304	154.00000000	3519.20000000	192.111
4	5	233.20000000	29.91153624	197.00000000	270.00000000	13.37684567	1191.00000000	894.70000000	12.111

15:59 MONDAY, JUNE 10, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- SSI=60N RK=05 -----									
1	2	173.50000000	7.7817459	174.0000000	185.0000000	5.50000000	359.0000000	60.50000000	4.00000000
2	2	57.90000000	27.57716447	38.0000000	77.0000000	19.50000000	115.0000000	760.50000000	47.00000000
3	2	1.00000000	1.41421356	0.00000000	2.00000000	1.00000000	2.00000000	2.00000000	141.421356
4	2	234.00000000	18.38477631	225.0000000	251.0000000	13.00000000	476.0000000	338.00000000	7.7817459
----- SSI=60N RK=06 -----									
1	1	134.00000000		134.0000000	134.0000000		134.0000000		
2	1	96.00000000		96.0000000	96.0000000		96.0000000		
3	1	14.00000000		14.0000000	14.0000000		14.0000000		
4	1	244.00000000		244.0000000	244.0000000		244.0000000		
----- SSI=60P RK=03 -----									
1	16	256.25000000	102.7856456	52.0000000	380.0000000	25.69464114	4100.0000000	10563.433333	40.1056456
2	16	45.15625000	44.01542107	0.0000000	170.0000000	11.00385527	738.5000000	1937.357292	95.15625000
3	16	33.14062500	40.34572449	0.0000000	136.0000000	10.08748112	530.2500000	1628.116406	121.14062500
4	16	335.54687500	75.09583981	148.0000000	438.0000000	18.77395995	5368.7500000	5639.385156	22.3509583981
----- SSI=60P RK=04 -----									
1	7	117.17857143	75.83159993	0.0000000	228.5000000	28.66165070	820.2500000	9750.4315476	64.17857143
2	7	75.46428571	49.17452520	8.5000000	160.0000000	18.58622350	528.2500000	2418.1339286	65.46428571
3	7	24.82142857	33.16081846	0.0000000	87.7500000	12.53361127	173.7500000	1099.6398810	133.82142857
4	7	217.46428571	27.42661372	176.0000000	236.2500000	11.12221455	1522.2500000	865.9255952	13.46428571
----- SSI=60P RK=05 -----									
1	4	70.75000000	47.92615848	26.0000000	138.0000000	23.96307924	283.0000000	2296.9166667	67.75000000
2	4	116.62500000	65.67771692	74.0000000	214.5000000	32.83885846	466.5000000	4313.5625000	56.62500000
3	4	61.87500000	43.21537563	3.5000000	104.0000000	21.60668781	247.5000000	1867.3958333	69.87500000
4	4	249.25000000	75.30106241	182.0000000	356.0000000	37.65053120	997.0000000	5670.2500000	30.25000000
----- SSI=60P RK=06 -----									
1	6	101.83333333	58.73471432	49.0000000	219.0000000	23.97834671	629.0000000	3449.7666667	56.83333333
2	6	110.29166667	60.74504438	29.0000000	185.0000000	24.79906052	661.7500000	3689.9604167	55.29166667
3	6	31.66666667	28.43112769	2.0000000	67.0000000	11.61512424	190.0000000	809.4666667	89.66666667
4	6	246.79166667	59.52480761	201.2500000	309.0000000	16.13593514	1480.7500000	1562.2104167	16.79166667
----- SSI=60P RK=03 -----									
1	1	132.00000000		132.0000000	132.0000000		132.0000000		
2	1	44.00000000		44.0000000	44.0000000		44.0000000		
3	1	0.00000000		0.0000000	0.0000000		0.0000000		
4	1	176.00000000		176.0000000	176.0000000		176.0000000		
----- SSI=60P RK=04 -----									
1	1	141.50000000		141.5000000	141.5000000		141.5000000		
2	1	36.00000000		36.0000000	36.0000000		36.0000000		
3	1	34.00000000		34.0000000	34.0000000		34.0000000		
4	1	211.50000000		211.5000000	211.5000000		211.5000000		

15:59 MONDAY, JUNE 10, 1985

SAS

Variable	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- SSI=60G RK=05 -----									
1	65	00000000		65	00000000		65	00000000	
1	19	50000000		19	50000000		19	50000000	
1	116	50000000		116	50000000		116	50000000	
1	201	00000000		201	00000000		201	00000000	
----- SSI=60R RK=04 -----									
1	77	00000000		77	00000000		77	00000000	
1	127	00000000		127	00000000		127	00000000	
1	32	50000000		32	50000000		32	50000000	
1	236	50000000		236	50000000		236	50000000	
----- SSI=60R RK=06 -----									
1	109	50000000		109	50000000		109	50000000	
1	45	00000000		45	00000000		45	00000000	
1	89	50000000		89	50000000		89	50000000	
1	244	00000000		244	00000000		244	00000000	
----- SSI=60S RK=03 -----									
2	45	75000000	16.61700936	35	00000000	11.75000000	93	50000000	276.1250000
2	25	00000000	5.12652416	16	00000000	9.00000000	50	00000000	162.0000000
2	121	50000000	45.76194078	89	00000000	32.50000000	243	00000000	2112.5000000
2	193	25000000	16.61700936	181	50000000	11.75000000	386	50000000	276.1250000
----- SSI=60S RK=04 -----									
1	78	50000000		78	50000000		78	50000000	
1	54	00000000		54	00000000		54	00000000	
1	48	50000000		48	50000000		48	50000000	
1	181	00000000		181	00000000		181	00000000	
----- SSI=60S RK=05 -----									
2	103	25000000	41.36574670	74	00000000	29.25000000	206	50000000	1711.1250000
2	82	62500000	5.12652416	79	00000000	3.62500000	165	25000000	26.2812500
2	21	62500000	11.84403858	13	25000000	8.37500000	43	25000000	140.2812500
2	207	50000000	49.98326112	173	50000000	34.00000000	415	00000000	2312.0000000
----- SSI=60S RK=06 -----									
2	112	00000000	50.91169825	76	00000000	36.00000000	224	00000000	2592.0000000
2	58	00000000	21.21320344	43	00000000	15.00000000	116	00000000	450.0000000
2	75	75000000	28.63782464	55	50000000	20.25000000	151	50000000	820.1250000
2	249	75000000	58.33630945	204	50000000	41.25000000	491	50000000	3403.1250000
----- SSI=60T RK=03 -----									
7	131	28571429	53.70510307	84	00000000	20.29862098	940	00000000	2884.2380952
7	68	14285714	28.09761895	35	00000000	10.61590174	477	00000000	789.4761905
7	59	28571429	52.40138130	0	00000000	19.80586047	408	00000000	2745.9047619
7	260	71428571	28.63397915	229	00000000	10.82262684	1825	00000000	819.9047619

16:00 MONDAY, JUNE 10, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- SSI=60T RK=04 -----									
POT	4	169.50000000	48.61049841	99.00000000	210.00000000	24.30534921	674.000000	2363.000000	28.949
1-PT	4	57.29000000	44.31986011	0.00000000	97.00000000	22.15993005	229.000000	1764.250000	77.411
2-PT	4	41.50000000	41.22701380	4.00000000	82.00000000	20.61350690	166.000000	1699.666667	99.833
3-PT	4	267.23000000	34.88433268	216.00000000	292.00000000	17.44216634	1069.000000	1216.916667	13.922
----- SSI=60T RK=05 -----									
POT	2	140.00000000	45.25483400	108.00000000	172.00000000	32.00000000	280.000000	2048.000000	32.422
1-PT	2	94.00000000	4.24264069	91.00000000	97.00000000	3.00000000	188.000000	18.000000	4.111
2-PT	2	38.00000000	35.76955262	12.00000000	64.00000000	26.00000000	76.000000	1352.000000	96.762
3-PT	2	272.00000000	12.72792206	263.00000000	281.00000000	9.00000000	544.000000	162.000000	4.577
----- SSI=60T RK=06 -----									
POT	1	0.00000000		0.00000000	0.00000000		0.00000000		
1-PT	1	0.00000000		0.00000000	0.00000000		0.00000000		
2-PT	1	172.00000000		172.00000000	172.00000000		172.00000000		
3-PT	1	172.00000000		172.00000000	172.00000000		172.00000000		
----- SSI=60U RK=03 -----									
POT	1	80.50000000		80.50000000	80.50000000		80.50000000		
1-PT	1	172.50000000		172.50000000	172.50000000		172.50000000		
2-PT	1	41.00000000		41.00000000	41.00000000		41.00000000		
3-PT	1	294.00000000		294.00000000	294.00000000		294.00000000		
----- SSI=60U RK=06 -----									
POT	2	55.50000000	12.02081528	47.00000000	64.00000000	8.50000000	111.000000	144.500000	21.999
1-PT	2	114.25000000	14.49589901	104.00000000	124.50000000	10.25000000	228.500000	210.125000	12.885
2-PT	2	35.25000000	3.88908730	32.50000000	38.00000000	2.75000000	70.500000	15.125000	11.032
3-PT	2	295.00000000	30.40559159	183.50000000	226.50000000	21.50000000	410.000000	924.500000	14.422
----- SSI=60V RK=03 -----									
POT	4	237.62500000	68.84034643	161.00000000	327.75000000	34.42027322	950.500000	4739.020833	28.979
1-PT	4	53.87500000	15.02428590	40.00000000	73.00000000	7.51214295	215.500000	225.729167	27.557
2-PT	4	3.25000000	5.85234996	0.00000000	12.00000000	2.92617498	13.000000	34.250000	180.073
3-PT	4	294.75000000	62.84339000	246.00000000	386.25000000	31.42169500	1179.000000	3949.291667	21.321
----- SSI=60V RK=04 -----									
POT	5	118.10000000	39.87239615	70.00000000	171.00000000	17.83143292	590.500000	1589.800000	33.761
1-PT	5	58.60000000	37.44729630	4.00000000	93.00000000	16.74694002	293.000000	1402.300000	63.902
2-PT	5	27.75000000	33.7332922	0.00000000	67.00000000	15.08600345	138.750000	1137.937500	121.362
3-PT	5	201.45000000	24.31846007	175.00000000	225.25000000	10.87554596	1022.250000	591.387500	11.953
----- SSI=60V RK=05 -----									
POT	2	80.25000000	48.43681451	46.00000000	114.50000000	34.25000000	160.500000	2346.125000	60.907
1-PT	2	105.00000000	4.24264069	102.00000000	108.00000000	3.00000000	210.000000	18.000000	4.041
2-PT	2	40.00000000	56.56854249	0.00000000	80.00000000	40.00000000	80.000000	3200.000000	141.421
3-PT	2	225.25000000	12.37436867	216.50000000	234.00000000	8.75000000	450.500000	153.125000	5.494

16.00 MONDAY, JUNE 10, 1985

SAS

TABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
SSI=60V RK=06									
1	2	4.50000000	6.36396103	0.00000000	9.00000000	4.50000000	9.00000000	40.500000	141.421
2	2	76.75000000	99.34890276	6.50000000	147.00000000	70.29000000	153.50000000	9870.125000	129.144
3	2	27.50000000	2.82812712	25.50000000	29.50000000	2.00000000	55.00000000	8.000000	10.283
4	2	109.75000000	102.88403666	36.00000000	181.50000000	72.75000000	217.50000000	10385.125000	94.500
SSI=60M RK=03									
1	6	121.00000000	67.98602798	59.00000000	241.00000000	27.75517970	726.00000000	4622.10000000	56.187
2	6	109.16456667	37.88590327	50.00000000	156.50000000	15.4685524	631.00000000	1435.3416667	36.111
3	6	12.66666667	8.79441110	0.00000000	26.00000000	3.59030330	76.00000000	77.3416667	69.450
4	6	239.83333333	55.93124508	182.50000000	310.00000000	23.24208348	1433.00000000	3241.1666667	23.957
SSI=60M RK=04									
1	2	49.00000000	49.79036790	13.50000000	82.50000000	34.50000000	96.00000000	2380.50000000	101.547
2	2	109.50000000	9.89949494	102.50000000	116.50000000	7.00000000	219.00000000	98.00000000	9.041
3	2	63.50000000	14.84924240	50.00000000	71.00000000	10.50000000	121.00000000	220.50000000	24.144
4	2	218.00000000	24.04163056	201.00000000	235.00000000	17.00000000	436.00000000	578.00000000	11.025
SSI=60M RK=05									
1	7	58.53371429	25.49118662	20.50000000	96.50000000	9.63476292	409.75000000	649.800952	43.345
2	7	99.07142857	38.18423384	49.50000000	151.00000000	14.43228382	693.50000000	1458.0357143	38.345
3	7	51.00000000	16.72074560	25.50000000	76.00000000	6.31984780	357.00000000	279.5833333	32.552
4	7	209.60714286	35.24104980	167.50000000	278.00000000	13.69782929	1460.25000000	1313.4136705	17.171
SSI=60M RK=06									
1	4	45.62500000	24.10859484	16.00000000	69.00000000	12.05434742	182.50000000	581.2291667	52.171
2	4	139.87500000	18.07107037	119.50000000	152.50000000	9.03552018	543.50000000	326.5625000	13.111
3	4	15.87500000	12.07183361	5.00000000	32.00000000	6.03591680	63.50000000	145.7291667	76.041
4	4	197.37500000	38.15638702	171.50000000	253.50000000	19.07919351	789.50000000	1456.0625000	19.352
SSI=60Z RK=03									
1	1	89.00000000		89.00000000	89.00000000		89.00000000		
2	1	90.00000000		90.00000000	90.00000000		90.00000000		
3	1	20.50000000		20.50000000	20.50000000		20.50000000		
4	1	199.50000000		199.50000000	199.50000000		199.50000000		
SSI=60Z RK=04									
1	1	69.00000000		69.00000000	69.00000000		69.00000000		
2	1	76.00000000		76.00000000	76.00000000		76.00000000		
3	1	18.00000000		18.00000000	18.00000000		18.00000000		
4	1	163.00000000		163.00000000	163.00000000		163.00000000		
SSI=60Z RK=05									
1	1	89.00000000		89.00000000	89.00000000		89.00000000		
2	1	91.00000000		91.00000000	91.00000000		91.00000000		
3	1	63.00000000		63.00000000	63.00000000		63.00000000		
4	1	245.00000000		245.00000000	245.00000000		245.00000000		

16:00 MONDAY, JUNE 10, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- SSI=60Z RK=06 -----									
1	62	00000000		62	00000000		62	00000000	
1	115	00000000		115	00000000		115	00000000	
1	32	00000000		32	00000000		32	00000000	
1	209	00000000		209	00000000		209	00000000	
----- SSI=61A RK=04 -----									
1	107	00000000		107	00000000		107	00000000	
1	91	00000000		91	00000000		91	00000000	
1	34	00000000		34	00000000		34	00000000	
1	232	00000000		232	00000000		232	00000000	
----- SSI=61B RK=04 -----									
2	117	50000000	47.37615434	84	00000000	33.50000000	235	00000000	2244.50000000
2	56	25000000	15.90990258	45	00000000	11.25000000	112	50000000	253.12500000
2	16	00000000	15.55634919	5	00000000	11.00000000	32	00000000	242.00000000
2	184	75000000	15.90990258	178	50000000	11.25000000	379	50000000	253.12500000
----- SSI=61B RK=06 -----									
1	247	00000000		247	00000000		247	00000000	
1	7	00000000		7	00000000		7	00000000	
1	41	00000000		41	00000000		41	00000000	
1	295	00000000		295	00000000		295	00000000	
----- SSI=61C RK=04 -----									
1	45	50000000		45	50000000		45	50000000	
1	149	50000000		149	50000000		149	50000000	
1	4	00000000		4	00000000		4	00000000	
1	199	00000000		199	00000000		199	00000000	
----- SSI=61C RK=05 -----									
2	58	50000000	38.89087297	31	00000000	27.50000000	117	00000000	1512.50000000
2	165	50000000	14.84924240	156	00000000	10.50000000	333	00000000	220.50000000
2	14	25000000	7.42452120	9	00000000	5.25000000	28	50000000	55.12500000
2	234	25000000	61.16473657	196	00000000	43.25000000	478	50000000	3741.12500000
----- SSI=61C RK=06 -----									
3	25	33333333	13.31653624	14	00000000	7.68837506	76	00000000	177.33333333
3	103	33333333	72.76216966	21	00000000	42.00925824	310	00000000	5294.33333333
3	69	00000000	65.53073253	17	00000000	38.42308334	207	00000000	4429.00000000
3	197	66666667	18.50235212	179	00000000	10.68228024	593	00000000	342.33333333
----- SSI=61F RK=03 -----									
30	200	33833333	106.75656491	35	00000000	19.49099292	6010	75000000	11396.964152
30	72	48333333	44.86463997	0	00000000	8.19112512	2174	50000000	2012.83920
30	13	90000000	23.07634078	0	00000000	4.03422143	417	00000000	488.248276
30	285	74166667	82.26938728	173	00000000	15.02026640	8602	25000000	6768.252083

16:00 MONDAY, JUNE 10, 1985

SAS

VARIABLE

N

MEAN

STANDARD
DEVIATIONMINIMUM
VALUEMAXIMUM
VALUESTD ERROR
OF MEAN

SUM

VARIANCE

C

SSI=61F RK=04

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
13	112	46133846	62.19139193	17.00000000	206.00000000	17.24878865	1462.00000000	3867.7692308	55.000
13	82	76923077	58.57353476	6.00000000	193.00000000	16.24537561	1076.00000000	3430.8589744	70.000
13	29	11538462	28.78658228	0.00000000	82.00000000	7.98398916	378.50000000	828.6730769	98.000
13	224	34615385	42.12134269	172.00000000	306.00000000	11.68241400	2916.50000000	1774.2243590	18.000

SSI=61F RK=05

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
7	54	71428571	32.32498665	17.00000000	96.00000000	12.21767654	383.00000000	1044.9047619	59.000
7	105	57142857	37.04325014	62.00000000	154.00000000	14.00103252	746.00000000	1372.2023810	34.000
7	25	64285714	17.30778795	0.00000000	51.00000000	6.54172895	179.50000000	299.5595238	67.000
7	185	92857143	18.00793476	163.50000000	217.50000000	6.80635957	1308.50000000	324.2857143	9.000

SSI=61F RK=06

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
3	46	16666667	64.19955867	3.50000000	120.00000000	37.06563248	138.50000000	4121.5833333	139.000
3	94	58333333	71.19831202	18.75000000	160.00000000	41.10665329	283.75000000	5069.2708333	75.000
3	41	83333333	34.50483058	5.00000000	65.00000000	19.92137322	134.50000000	1190.5833333	76.000
3	185	58333333	54.08346174	125.00000000	229.00000000	31.22510119	556.75000000	2925.0208333	29.000

SSI=61G RK=04

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
1	56	00000000	56.00000000	56.00000000	56.00000000	56.00000000	56.00000000	56.00000000	56.000
1	147	00000000	147.00000000	147.00000000	147.00000000	147.00000000	147.00000000	147.00000000	147.000
1	0	00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000
1	203	00000000	203.00000000	203.00000000	203.00000000	203.00000000	203.00000000	203.00000000	203.000

SSI=61G RK=05

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
4	68	00000000	22.19609575	54.00000000	101.00000000	11.09804788	272.00000000	492.6666667	32.000
4	98	62500000	32.39695202	77.00000000	146.00000000	16.19847601	394.50000000	1049.5625000	32.000
4	31	75000000	12.68529332	13.00000000	40.00000000	6.34264666	127.00000000	160.9166667	39.000
4	198	37500000	18.47943693	174.50000000	213.00000000	9.24971846	793.50000000	342.2291667	9.000

SSI=61H RK=03

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
1	224	50000000	224.50000000	224.50000000	224.50000000	224.50000000	224.50000000	224.50000000	224.500
1	51	25000000	51.25000000	51.25000000	51.25000000	51.25000000	51.25000000	51.25000000	51.250
1	0	00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000
1	275	75000000	275.75000000	275.75000000	275.75000000	275.75000000	275.75000000	275.75000000	275.750

SSI=61H RK=06

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
1	139	00000000	139.00000000	139.00000000	139.00000000	139.00000000	139.00000000	139.00000000	139.000
1	54	50000000	54.50000000	54.50000000	54.50000000	54.50000000	54.50000000	54.50000000	54.500
1	3	00000000	3.00000000	3.00000000	3.00000000	3.00000000	3.00000000	3.00000000	3.000
1	196	50000000	196.50000000	196.50000000	196.50000000	196.50000000	196.50000000	196.50000000	196.500

SSI=61J RK=03

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
19	267	35526316	123.18756351	83.00000000	528.00000000	28.26116529	5079.75000000	15175.175804	46.000
19	47	05263158	44.03619667	0.00000000	170.00000000	10.10718469	894.00000000	1940.948465	93.000
19	29	57894737	39.00853593	0.00000000	135.00000000	8.03150896	562.00000000	1225.597588	118.000
19	243	98651211	93.84948328	211.00000000	554.00000000	21.53054808	6535.75000000	8807.725512	27.000

16:00 MONDAY, JUNE 10, 1983

SAS

C

VARIANCE

SUM

STD ERROR
OF MEANMAXIMUM
VALUEMINIMUM
VALUESTANDARD
DEVIATION

10-AN

N

VARIABLE

SS1=61J RK=04											
5	261.00000000	201.72413093	46.00000000	481.50000000	90.21377389	1320.00000000	40692.625000	76.11			
5	76.40000000	72.37610103	24.00000000	200.00000000	32.36757637	382.00000000	5238.300000	94.73			
5	13.30000000	17.99861106	0.00000000	40.00000000	8.04922357	66.50000000	323.950000	135.82			
5	353.70000000	136.65357661	245.50000000	506.00000000	61.11333733	1768.50000000	18674.200000	38.12			
SS1=61J RK=05											
6	141.83333333	37.50274252	91.50000000	199.50000000	16.12692710	851.00000000	1560.466667	27.85			
6	97.66666667	27.07658890	62.50000000	134.75000000	11.05397113	586.00000000	733.141667	27.11			
6	33.00000000	45.05108212	0.00000000	118.00000000	18.39202726	198.00000000	2029.600000	136.81			
6	272.50000000	31.14843495	245.75000000	331.00000000	12.71629532	1635.00000000	970.225000	11.43			
SS1=61J RK=06											
3	107.16666667	42.95443322	61.00000000	143.50000000	24.79975358	327.50000000	1845.083333	39.14			
3	103.16666667	68.46592827	28.50000000	163.00000000	39.52882211	309.50000000	4687.583333	66.86			
3	51.00000000	19.00000000	33.00000000	70.00000000	10.96965511	162.00000000	361.000000	35.18			
3	266.33333333	45.49014232	231.00000000	319.00000000	26.84109619	799.00000000	2161.333333	17.43			
SS1=61K RK=04											
1	284.00000000	284.00000000	284.00000000	284.00000000	284.00000000	284.00000000	284.00000000	284.00000000			
1	70.00000000	70.00000000	70.00000000	70.00000000	70.00000000	70.00000000	70.00000000	70.00000000			
1	48.00000000	48.00000000	48.00000000	48.00000000	48.00000000	48.00000000	48.00000000	48.00000000			
1	402.00000000	402.00000000	402.00000000	402.00000000	402.00000000	402.00000000	402.00000000	402.00000000			
SS1=61K RK=06											
1	87.00000000	87.00000000	87.00000000	87.00000000	87.00000000	87.00000000	87.00000000	87.00000000			
1	68.50000000	68.50000000	68.50000000	68.50000000	68.50000000	68.50000000	68.50000000	68.50000000			
1	16.00000000	16.00000000	16.00000000	16.00000000	16.00000000	16.00000000	16.00000000	16.00000000			
1	171.50000000	171.50000000	171.50000000	171.50000000	171.50000000	171.50000000	171.50000000	171.50000000			
SS1=61M RK=03											
10	136.40000000	98.95026809	0.00000000	254.00000000	31.29082223	1364.00000000	9791.155555	72.74			
10	37.60000000	30.31757833	0.00000000	91.00000000	9.58726007	376.00000000	919.155555	80.52			
10	67.20000000	78.03816730	0.00000000	176.00000000	24.67783531	672.00000000	6089.955555	116.13			
10	241.20000000	48.00185182	176.00000000	304.00000000	15.17951836	2412.00000000	2304.177778	19.00			
SS1=61M RK=04											
5	116.80000000	79.81040032	0.00000000	220.00000000	35.69229609	584.00000000	6369.700000	68.80			
5	63.40000000	54.18302317	0.00000000	146.00000000	24.23138461	327.00000000	2935.800000	82.94			
5	53.80000000	74.72759498	0.00000000	176.00000000	33.41915618	279.00000000	5584.200000	133.93			
5	238.00000000	53.12720584	176.00000000	300.00000000	23.75920874	1190.00000000	2822.500000	22.12			
SS1=61M RK=05											
2	173.50000000	51.61879503	139.00000000	212.00000000	36.50000000	351.00000000	2664.500000	29.82			
2	90.00000000	53.74011537	52.00000000	128.00000000	38.00000000	180.00000000	2888.000000	59.71			
2	4.50000000	6.26396103	0.00000000	9.00000000	4.50000000	9.00000000	40.500000	141.42			
2	270.00000000	8.48528137	264.00000000	276.00000000	6.00000000	540.00000000	72.000000	3.14			

16:00 MONDAY, JUNE 10, 1985

SAS

VAR IABLE	N	IP-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
SS1=61M RK=06									
PCT	2	49.00000000	55.15432893	10.00000000	88.00000000	39.00000000	98.00000000	3042.000000	112.26
IP-CT	2	154.50000000	95.45941546	87.00000000	222.00000000	67.50000000	309.00000000	9112.500000	61.78
IP-CT	2	39.00000000	32.52691193	15.00000000	61.00000000	23.00000000	76.00000000	1058.000000	85.42
IP-CT	2	241.50000000	7.77817459	236.00000000	247.00000000	5.50000000	483.00000000	60.50000000	3.12
SS1=61N RK=03									
PCT	5	178.60000000	62.20771656	76.00000000	240.00000000	27.82013659	893.00000000	3869.800000	34.851
IP-CT	5	13.40000000	13.57226031	0.00000000	34.00000000	6.06969933	67.00000000	184.2062500	101.260
IP-CT	5	39.00000000	45.96737974	0.00000000	112.00000000	20.55723717	195.00000000	2113.000000	117.862
IP-CT	5	231.00000000	22.97349016	195.25000000	256.00000000	10.27405713	1155.00000000	527.7812500	9.242
SS1=61P RK=03									
PCT	2	70.00000000	26.16295050	51.50000000	88.50000000	18.50000000	140.00000000	684.5000000	37.670
IP-CT	2	103.50000000	19.09188309	90.00000000	117.00000000	13.50000000	207.00000000	364.5000000	18.449
IP-CT	2	43.50000000	41.71930009	14.00000000	73.00000000	29.50000000	87.00000000	1740.500000	95.902
IP-CT	2	217.00000000	3.53553391	214.50000000	219.50000000	2.50000000	434.00000000	12.50000000	1.625
SS1=61P RK=04									
PCT	2	121.00000000	1.41421356	120.00000000	122.00000000	1.00000000	242.00000000	2.00000000	1.000
IP-CT	2	77.50000000	57.27564928	37.00000000	118.00000000	40.50000000	159.00000000	3280.500000	73.904
IP-CT	2	15.00000000	21.21320344	0.00000000	30.00000000	15.00000000	30.00000000	450.000000	141.451
IP-CT	2	213.50000000	34.64823228	189.00000000	238.00000000	24.50000000	427.00000000	1200.500000	16.125
SS1=61P RK=06									
PCT	1	4.00000000		4.00000000	4.00000000		4.00000000		
IP-CT	1	168.50000000		168.50000000	168.50000000		168.50000000		
IP-CT	1	54.00000000		54.00000000	54.00000000		54.00000000		
IP-CT	1	226.50000000		226.50000000	226.50000000		226.50000000		
SS1=61Q RK=03									
PCT	1	91.00000000		91.00000000	91.00000000		91.00000000		
IP-CT	1	63.00000000		63.00000000	63.00000000		63.00000000		
IP-CT	1	80.00000000		80.00000000	80.00000000		80.00000000		
IP-CT	1	234.00000000		234.00000000	234.00000000		234.00000000		
SS1=61Q RK=04									
PCT	2	181.50000000	30.40559157	160.00000000	203.00000000	21.50000000	363.00000000	924.5000000	16.122
IP-CT	2	30.50000000	0.70710678	30.00000000	31.00000000	0.50000000	61.00000000	0.50000000	2.315
IP-CT	2	34.00000000	15.35634919	27.00000000	49.00000000	11.00000000	76.00000000	242.0000000	40.438
IP-CT	2	250.00000000	45.25483400	218.00000000	282.00000000	32.00000000	500.00000000	2048.000000	18.122
SS1=61R RK=03									
PCT	5	136.20000000	35.60477496	89.00000000	167.00000000	15.92293943	681.00000000	1267.7000000	26.142
IP-CT	5	77.60000000	55.81487257	20.00000000	165.00000000	24.96116984	388.00000000	3115.3000000	71.920
IP-CT	5	43.60000000	26.99629604	20.00000000	74.00000000	12.07311062	218.00000000	728.8000000	61.918
IP-CT	5	257.40000000	54.22914346	222.00000000	352.00000000	24.25201023	1287.00000000	2940.8000000	21.022

16:00 MONDAY, JUNE 10, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
SSI=61R RK=04									
PO	3	134.6646667	51.20872327	81.00000000	183.00000000	29.56537013	404.00000000	2622.3333333	38.922
PE	3	89.33333333	26.55811238	74.00000000	120.00000000	15.33333333	268.00000000	705.3333333	29.721
PA	3	3.00000000	4.39889894	0.00000000	8.00000000	2.51661148	9.00000000	19.0000000	145.257
PT	3	227.00000000	26.15339366	209.00000000	237.00000000	15.09966887	681.00000000	684.0000000	11.321
SSI=61R RK=05									
PO	2	93.00000000	55.15432893	54.00000000	132.00000000	39.00000000	186.00000000	3042.0000000	59.302
PE	2	99.50000000	78.48885271	44.00000000	155.00000000	55.50000000	199.00000000	6160.5000000	78.862
PA	2	8.50000000	12.02081528	0.00000000	17.00000000	8.50000000	17.00000000	144.5000000	141.321
PT	2	201.00000000	35.35533906	176.00000000	226.00000000	25.00000000	402.00000000	1250.0000000	17.393
SSI=61R RK=06									
PO	2	27.00000000	38.18376618	0.00000000	54.00000000	27.00000000	54.00000000	1458.0000000	141.421
PE	2	102.75000000	27.93071786	83.00000000	122.50000000	19.75000000	205.50000000	780.1250000	27.182
PA	2	89.75000000	29.80939791	62.50000000	99.00000000	18.25000000	161.50000000	666.1250000	31.932
PT	2	210.50000000	36.06241984	185.00000000	236.00000000	25.50000000	421.00000000	1300.5000000	17.132
SSI=61S RK=03									
PO	1	70.00000000		70.00000000	70.00000000		70.00000000		
PE	1	82.00000000		82.00000000	82.00000000		82.00000000		
PA	1	90.50000000		90.50000000	90.50000000		90.50000000		
PT	1	242.50000000		242.50000000	242.50000000		242.50000000		
SSI=61S RK=04									
PO	1	245.25000000		245.25000000	245.25000000		245.25000000		
PE	1	41.75000000		41.75000000	41.75000000		41.75000000		
PA	1	47.00000000		47.00000000	47.00000000		47.00000000		
PT	1	334.00000000		334.00000000	334.00000000		334.00000000		
SSI=61T RK=05									
PO	1	91.00000000		91.00000000	91.00000000		91.00000000		
PE	1	117.50000000		117.50000000	117.50000000		117.50000000		
PA	1	4.00000000		4.00000000	4.00000000		4.00000000		
PT	1	212.50000000		212.50000000	212.50000000		212.50000000		
SSI=61U RK=03									
PO	6	123.50000000	90.33825325	22.50000000	264.00000000	36.88043745	741.00000000	8161.0000000	73.142
PE	6	109.00000000	35.80921669	43.00000000	128.00000000	14.61905150	630.00000000	1282.3000000	34.004
PA	6	10.33333333	11.60028735	0.00000000	26.50000000	4.73579748	62.00000000	134.5666667	112.161
PT	6	238.83333333	54.91781739	176.00000000	307.00000000	22.42010506	1433.00000000	3015.9666667	22.494
SSI=61U RK=04									
PO	8	95.90625000	62.32574816	20.25000000	212.00000000	22.03547958	767.25000000	3884.4988839	64.450
PE	8	81.93750000	51.90698240	16.00000000	173.25000000	18.35189962	659.50000000	2694.3348214	63.345
PA	8	32.53125000	27.13472916	0.00000000	78.00000000	9.59357550	260.25000000	736.2935268	83.411
PT	8	210.37500000	30.88226491	182.75000000	259.50000000	10.91852947	1683.00000000	953.7142857	14.500

16:01 MONDAY, JUNE 10, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
SS1=61U RK=05									
PC1	2	31.50000000	34.64823228	7.00000000	56.00000000	24.50000000	63.00000000	1200.50000000	109.494
PC2	2	138.12500000	98.19953275	47.00000000	179.25000000	41.12500000	276.25000000	3382.53125000	42.102
PC3	2	51.62500000	7.93493129	46.00000000	57.25000000	3.62500000	103.25000000	63.28125000	15.407
PC4	2	221.25000000	31.46623176	199.00000000	243.50000000	22.25000000	442.50000000	990.12500000	14.122
SS1=61U RK=06									
PC1	1	146.00000000		146.00000000	146.00000000		146.00000000		
PC2	1	55.00000000		55.00000000	55.00000000		55.00000000		
PC3	1	10.00000000		10.00000000	10.00000000		10.00000000		
PC4	1	211.00000000		211.00000000	211.00000000		211.00000000		
SS1=61Z RK=04									
PC1	1	41.50000000		41.50000000	41.50000000		41.50000000		
PC2	1	196.00000000		196.00000000	196.00000000		196.00000000		
PC3	1	13.50000000		13.50000000	13.50000000		13.50000000		
PC4	1	251.00000000		251.00000000	251.00000000		251.00000000		
SS1=61Z RK=06									
PC1	3	113.83333333	22.80533563	87.50000000	127.00000000	13.16666667	341.50000000	520.08333333	20.034
PC2	3	136.16666667	3.54729944	133.00000000	140.00000000	2.04803429	408.50000000	12.58333333	2.501
PC3	3	36.66666667	35.55746523	0.00000000	71.00000000	20.52911212	110.00000000	1264.33333333	96.777
PC4	3	286.66666667	17.21433511	267.00000000	299.00000000	9.93870101	860.00000000	296.33333333	6.002
SS1=62A RK=05									
PC1	1	104.00000000		104.00000000	104.00000000		104.00000000		
PC2	1	95.00000000		95.00000000	95.00000000		95.00000000		
PC3	1	0.00000000		0.00000000	0.00000000		0.00000000		
PC4	1	199.00000000		199.00000000	199.00000000		199.00000000		
SS1=63A RK=02									
PC1	1	74.00000000		74.00000000	74.00000000		74.00000000		
PC2	1	105.50000000		105.50000000	105.50000000		105.50000000		
PC3	1	14.00000000		14.00000000	14.00000000		14.00000000		
PC4	1	193.50000000		193.50000000	193.50000000		193.50000000		
SS1=63A RK=03									
PC1	5	79.55000000	19.36201178	55.75000000	106.00000000	8.63895490	397.75000000	374.88750000	24.125
PC2	5	96.05000000	19.39023594	73.50000000	120.75000000	8.67157713	480.25000000	375.98125000	20.128
PC3	5	27.45000000	17.82764707	2.00000000	44.75000000	7.97276614	137.25000000	317.82500000	64.442
PC4	5	203.05000000	13.71746150	189.25000000	217.75000000	6.13463528	1015.25000000	188.16875000	6.132
SS1=63A RK=05									
PC1	2	23.87500000	25.27906743	6.00000000	41.75000000	17.87500000	47.75000000	639.03125000	105.881
PC2	2	95.25000000	10.25304833	88.50000000	102.50000000	7.25000000	190.50000000	105.12500000	10.744
PC3	2	74.25000000	22.27384361	58.50000000	90.00000000	15.75000000	148.50000000	496.12500000	29.498
PC4	2	193.37500000	13.25825215	184.00000000	202.75000000	9.37500000	386.75000000	175.78125000	6.232

16:01 MONDAY, JUNE 10, 1985

SAB

VARIABLE N MEAN STANDARD DEVIATION MINIMUM VALUE MAXIMUM VALUE STD ERROR OF MEAN SUM VARIANCE C

RK=03

SS1=66B	RK=03
PGT	1 33.00000000
PGT	1 129.50000000
PGT	1 14.50000000
PGT	1 177.00000000

RK=04

SS1=66B	RK=04
PGT	2 71.00000000
PGT	2 68.50000000
PGT	2 42.50000000
PGT	2 182.00000000

RK=06

SS1=66B	RK=06
PGT	2 24.00000000
PGT	2 92.12500000
PGT	2 80.75000000
PGT	2 196.87500000

RK=01

SS1=66C	RK=01
PGT	3 133.66666667
PGT	3 14.00000000
PGT	3 11.50000000
PGT	3 159.16666667

RK=03

SS1=66C	RK=03
PGT	3 96.91666667
PGT	3 59.00000000
PGT	3 64.16666667
PGT	3 213.33333333

RK=04

SS1=66C	RK=04
PGT	6 76.54166667
PGT	6 91.91666667
PGT	6 83.16666667
PGT	6 214.62500000

RK=01

SS1=66D	RK=01
PGT	1 31.00000000
PGT	1 72.00000000
PGT	1 41.00000000
PGT	1 164.00000000

RK=02

SS1=66D	RK=02
PGT	2 139.75000000
PGT	2 6.00000000
PGT	2 63.00000000
PGT	2 208.75000000

16:01 MONDAY, JUNE 10, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
SS1=66D RK=03									
PCT	7	122.0000000	62.37988458	0.0000000	187.9000000	23.57739020	854.0000000	3891.2500000	51.11
MECT	7	29.03571429	53.04492495	0.0000000	176.2500000	24.58467078	203.2500000	4230.8422619	224.017
MAI	7	37.57142857	35.39235860	1.0000000	90.0000000	13.37709417	263.0000000	1252.6190476	94.300
TT	7	189.60714286	13.96413348	167.0000000	211.0000000	5.27794639	1320.2500000	194.9970238	7.404
SS1=66D RK=04									
PCT	6	106.45833333	65.32656746	19.0000000	185.0000000	26.66945949	638.7500000	4267.5604167	61.364
MECT	6	66.08333333	85.09434537	0.0000000	217.0000000	34.72329109	376.5000000	7234.2416667	128.708
MAI	6	34.95833333	19.93270450	14.0000000	62.5000000	8.14565750	209.7500000	398.1104167	57.072
TT	6	207.50000000	42.62199077	155.0000000	279.0000000	17.40019157	1245.0000000	1816.6000000	20.341
SS1=66D RK=05									
PCT	2	91.75000000	88.03479426	29.5000000	154.0000000	62.25000000	183.5000000	7750.1250000	95.451
MECT	2	89.25000000	112.07642482	10.0000000	168.5000000	79.25000000	178.5000000	12561.1250000	125.375
MAI	2	6.00000000	2.82842712	4.0000000	8.0000000	2.00000000	12.0000000	8.0000000	47.145
TT	2	187.00000000	26.87005769	168.0000000	206.0000000	19.00000000	374.0000000	722.0000000	14.369
SS1=66E RK=01									
PCT	1	152.00000000		152.00000000	152.00000000		152.00000000		
MECT	1	10.25000000		10.25000000	10.25000000		10.25000000		
MAI	1	3.00000000		3.00000000	3.00000000		3.00000000		
TT	1	165.25000000		165.25000000	165.25000000		165.25000000		
SS1=66E RK=02									
PCT	2	163.12500000	4.06586399	163.2500000	169.0000000	2.87500000	332.2500000	16.53125000	2.347
MECT	2	5.25000000	7.42462120	0.0000000	10.5000000	5.25000000	10.5000000	55.12500000	141.421
MAI	2	1.87500000	2.65165043	0.0000000	3.7500000	1.87500000	3.7500000	7.03125000	141.421
TT	2	173.25000000	6.01040764	169.0000000	177.5000000	4.25000000	346.5000000	36.12500000	3.469
SS1=66E RK=03									
PCT	5	105.35000000	46.81399363	42.0000000	164.2500000	20.93585441	526.7500000	2191.5500000	44.437
MECT	5	61.30000000	76.27876507	0.0000000	184.0000000	34.11290079	306.5000000	5818.4500000	124.453
MAI	5	20.15000000	35.14238893	3.5000000	83.0000000	15.71615411	100.7500000	1234.9875000	174.404
TT	5	184.80000000	24.51109443	168.2500000	229.5000000	10.96169467	934.0000000	600.7937500	13.132
SS1=66E RK=04									
PCT	2	136.25000000	10.60660172	128.7500000	143.7500000	7.50000000	272.5000000	112.5000000	7.782
MECT	2	18.87500000	10.78337841	11.2500000	26.5000000	7.62500000	37.7500000	116.28125000	57.130
MAI	2	20.12500000	28.46104794	0.0000000	40.2500000	20.12500000	40.2500000	810.03125000	141.421
TT	2	175.25000000	7.07106781	170.2500000	180.2500000	5.00000000	350.5000000	50.0000000	4.035
SS1=66E RK=05									
PCT	1	6.00000000		6.00000000	6.00000000		6.00000000		
MECT	1	164.00000000		164.00000000	164.00000000		164.00000000		
MAI	1	21.50000000		21.50000000	21.50000000		21.50000000		
TT	1	191.50000000		191.50000000	191.50000000		191.50000000		

16:01 MONDAY, JUNE 10, 1985

SAS

VARIABLE N N=AN STANDARD DEVIATION MINIMUM VALUE MAXIMUM VALUE STD ERROR OF MEAN SUM VARIANCE C

SSI=66E RK=06

VARIABLE	N	N=AN	STD DEV	MIN	MAX	STD ERR	SUM	VAR	C
PCT	1	14.00000000	14.00000000	14.00000000	14.00000000		14.00000000		
ACT	1	243.00000000	243.00000000	243.00000000	243.00000000		243.00000000		
VAL	1	0.00000000	0.00000000	0.00000000	0.00000000		0.00000000		
TT	1	257.00000000	257.00000000	257.00000000	257.00000000		257.00000000		

SSI=66F RK=03

VARIABLE	N	N=AN	STD DEV	MIN	MAX	STD ERR	SUM	VAR	C
PCT	3	131.00000000	39.50000000	85.50000000	156.50000000	22.80533363	393.00000000	1560.25000000	30.121
ACT	3	9.50000000	7.08872344	0.00000000	13.50000000	4.09267639	16.50000000	50.25000000	128.482
VAL	3	79.33333333	50.34202273	23.00000000	120.00000000	29.07652738	238.00000000	2536.33333333	63.422
TT	3	219.83333333	44.90081662	177.00000000	265.00000000	29.92349896	647.50000000	2016.08333333	20.802

SSI=66F RK=04

VARIABLE	N	N=AN	STD DEV	MIN	MAX	STD ERR	SUM	VAR	C
PCT	2	167.62500000	29.16815472	147.00000000	188.25000000	20.62500000	335.25000000	850.78125000	17.401
ACT	2	18.00000000	9.89949494	11.00000000	25.00000000	7.00000000	36.00000000	98.00000000	94.777
VAL	2	14.12500000	19.62221318	0.25000000	28.00000000	13.87500000	28.25000000	385.03125000	138.412
TT	2	199.75000000	0.35359339	199.50000000	200.00000000	0.25000000	399.50000000	0.12500000	0.

SSI=66F RK=05

VARIABLE	N	N=AN	STD DEV	MIN	MAX	STD ERR	SUM	VAR	C
PCT	2	107.00000000	67.17514421	59.50000000	154.50000000	47.50000000	214.00000000	4512.50000000	62.781
ACT	2	67.50000000	33.23401872	41.00000000	88.00000000	23.50000000	129.00000000	1104.50000000	51.422
VAL	2	17.75000000	21.56675683	2.50000000	33.00000000	15.25000000	35.50000000	465.12500000	121.922
TT	2	189.25000000	12.37436867	180.50000000	198.00000000	8.75000000	378.50000000	153.12500000	6.422

SSI=66F RK=06

VARIABLE	N	N=AN	STD DEV	MIN	MAX	STD ERR	SUM	VAR	C
PCT	1	8.00000000	8.00000000	8.00000000	8.00000000		8.00000000		
ACT	1	185.50000000	185.50000000	185.50000000	185.50000000		185.50000000		
VAL	1	70.00000000	70.00000000	70.00000000	70.00000000		70.00000000		
TT	1	263.50000000	263.50000000	263.50000000	263.50000000		263.50000000		

SSI=66E RK=01

VARIABLE	N	N=AN	STD DEV	MIN	MAX	STD ERR	SUM	VAR	C
PCT	3	142.58333333	18.53116798	131.50000000	164.00000000	10.71052183	427.75000000	344.14583333	13.011
ACT	3	29.75000000	3.92909841	22.25000000	30.00000000	2.26844293	77.25000000	15.43750000	15.122
VAL	3	16.08333333	12.76306520	3.00000000	28.50000000	7.36875913	48.25000000	162.89583333	79.132
TT	3	181.41666667	6.76541430	179.00000000	192.00000000	3.90601388	553.25000000	45.77083333	3.469

SSI=66E RK=03

VARIABLE	N	N=AN	STD DEV	MIN	MAX	STD ERR	SUM	VAR	C
PCT	2	132.00000000	38.18376618	125.00000000	179.00000000	27.00000000	304.00000000	1458.00000000	25.121
ACT	2	23.50000000	30.40599199	2.00000000	45.00000000	21.50000000	47.00000000	924.50000000	129.452
VAL	2	3.50000000	3.53533391	3.00000000	8.00000000	2.50000000	11.00000000	12.50000000	64.122
TT	2	181.00000000	4.24224069	178.00000000	184.00000000	3.00000000	362.00000000	18.00000000	2.344

SSI=66E RK=04

VARIABLE	N	N=AN	STD DEV	MIN	MAX	STD ERR	SUM	VAR	C
PCT	3	126.33333333	68.70650139	47.00000000	166.50000000	39.66771707	379.00000000	4720.58333333	54.122
ACT	3	27.50000000	39.46834174	2.50000000	73.00000000	22.78709773	82.50000000	1557.75000000	143.121
VAL	3	38.08333333	29.92107674	7.25000000	67.00000000	17.27494171	114.25000000	895.27083333	78.422
TT	3	191.91666667	15.23223008	179.75000000	209.00000000	8.79433214	575.75000000	232.03083333	7.122

16:01 MONDAY, JUNE 10, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
SSI=650 RK=03									
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
MECT	1	127.50000000		127.50000000	127.50000000		127.50000000		
MACT	1	63.50000000		63.50000000	63.50000000		63.50000000		
TT	1	191.00000000		191.00000000	191.00000000		191.00000000		
SSI=66H RK=01									
PCT	4	102.50000000	34.79224031	51.50000000	129.00000000	17.39612026	410.00000000	1210.50000000	33.944
MECT	4	26.00000000	35.28928071	4.00000000	78.00000000	17.64464036	104.00000000	1243.33333333	135.738
MACT	4	70.75000000	35.37065639	48.00000000	123.50000000	17.68532819	283.00000000	1251.08333333	49.494
TT	4	199.25000000	36.73094392	170.50000000	253.00000000	18.36947196	797.00000000	1349.75000000	18.439
SSI=66H RK=02									
PCT	25	154.57000000	29.86118230	80.00000000	191.00000000	5.97223646	3864.25000000	891.69020833	19.319
MECT	25	10.70000000	13.87875325	0.00000000	60.00000000	2.77575065	267.50000000	192.6197917	129.153
MACT	25	32.55000000	40.81615285	0.00000000	147.00000000	8.16323037	813.75000000	1665.95833333	125.975
TT	25	197.82000000	35.20930866	115.50000000	295.00000000	7.04186173	4943.50000000	1239.6934167	17.775
SSI=66H RK=03									
PCT	47	130.57021277	53.11546799	0.00000000	200.00000000	7.74768723	6136.80000000	2821.2528978	40.480
MECT	47	20.81914894	32.98816908	0.00000000	162.00000000	4.81181900	978.50000000	1088.2192993	158.431
MACT	47	42.78297872	43.98001795	0.00000000	147.00000000	6.35679895	2010.80000000	1899.2179648	101.522
TT	47	194.17231043	31.40160064	104.75000000	301.50000000	4.58039421	9126.10000000	986.0603227	16.172
SSI=66H RK=04									
PCT	40	73.83125000	61.75271966	0.00000000	213.50000000	10.23830394	2953.25000000	4192.9147035	87.104
MECT	40	81.23125000	62.76904623	0.00000000	224.00000000	9.92465763	3249.25000000	3939.9531651	77.172
MACT	40	49.98750000	33.97906360	0.00000000	122.00000000	5.37256169	1839.50000000	1154.5767628	73.958
TT	40	201.05000000	27.60906113	158.00000000	282.50000000	4.36537586	8042.00000000	762.2602564	13.122
SSI=66H RK=05									
PCT	6	8.91666667	13.83790990	0.00000000	28.50000000	5.65746802	53.50000000	192.0416667	155.149
MECT	6	145.08333333	66.30491435	65.00000000	253.00000000	27.06886793	870.50000000	4396.3416667	45.163
MACT	6	63.50000000	41.93718951	16.50000000	134.00000000	16.96565157	381.00000000	1727.0000000	65.444
TT	6	217.50000000	49.72323401	160.00000000	310.00000000	20.29942528	1305.00000000	2472.4000000	22.122
SSI=66H RK=06									
PCT	1	0.00000000		0.00000000	0.00000000		0.00000000		
MECT	1	0.00000000		0.00000000	0.00000000		0.00000000		
MACT	1	172.00000000		172.00000000	172.00000000		172.00000000		
TT	1	172.00000000		172.00000000	172.00000000		172.00000000		
SSI=66J RK=01									
PCT	24	132.91379310	47.90276963	41.00000000	204.00000000	8.89532101	3854.50000000	2294.6753387	36.140
MECT	29	16.91379310	19.74810975	0.00000000	67.50000000	3.66713192	490.50000000	389.9878387	116.137
MACT	29	41.96551724	38.24998390	0.00000000	140.50000000	7.10284370	1217.00000000	1463.0612685	91.140
TT	29	191.79310345	34.92364360	87.50000000	264.50000000	6.48515818	5562.00000000	1219.6610222	18.209

16:02 MONDAY, JUNE 10, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
----- SSI=68M RK=04 -----									
PGT	1	41.00000000		41.00000000	41.00000000		41.00000000		
PGT	1	92.00000000		92.00000000	92.00000000		92.00000000		
PGT	1	45.00000000		45.00000000	45.00000000		45.00000000		
PGT	1	178.00000000		178.00000000	178.00000000		178.00000000		
----- SSI=68M RK=05 -----									
PGT	1	30.00000000		30.00000000	30.00000000		30.00000000		
PGT	1	94.00000000		94.00000000	94.00000000		94.00000000		
PGT	1	76.00000000		76.00000000	76.00000000		76.00000000		
PGT	1	200.00000000		200.00000000	200.00000000		200.00000000		
----- SSI=68R RK=03 -----									
PGT	4	84.37500000	31.97492307	37.00000000	105.50000000	15.98746254	337.50000000	1022.39583333	37.125
PGT	4	50.56250000	15.29756925	31.00000000	67.75000000	7.64878463	202.25000000	234.0186250	30.125
PGT	4	53.81250000	26.60621403	13.00000000	72.00000000	13.30310701	135.25000000	707.8906250	78.875
PGT	4	168.75000000	36.99211628	117.00000000	204.50000000	18.49605814	675.00000000	1368.4166667	21.125
----- SSI=68R RK=04 -----									
PGT	2	78.50000000	14.26345997	67.00000000	90.00000000	11.50000000	157.00000000	264.50000000	20.125
PGT	2	22.50000000	19.09188309	9.00000000	36.00000000	13.50000000	45.00000000	364.50000000	84.875
PGT	2	91.25000000	3.88908730	88.50000000	94.00000000	2.75000000	182.50000000	15.12500000	4.125
PGT	2	192.25000000	6.71751442	187.50000000	197.00000000	4.75000000	384.50000000	45.12500000	3.875
----- SSI=68R RK=05 -----									
PGT	1	12.00000000		12.00000000	12.00000000		12.00000000		
PGT	1	155.50000000		155.50000000	155.50000000		155.50000000		
PGT	1	8.50000000		8.50000000	8.50000000		8.50000000		
PGT	1	176.00000000		176.00000000	176.00000000		176.00000000		
----- SSI=68R RK=06 -----									
PGT	1	0.00000000		0.00000000	0.00000000		0.00000000		
PGT	1	110.00000000		110.00000000	110.00000000		110.00000000		
PGT	1	82.00000000		82.00000000	82.00000000		82.00000000		
PGT	1	192.00000000		192.00000000	192.00000000		192.00000000		
----- SSI=68S RK=03 -----									
PGT	1	52.00000000		52.00000000	52.00000000		52.00000000		
PGT	1	145.00000000		145.00000000	145.00000000		145.00000000		
PGT	1	7.00000000		7.00000000	7.00000000		7.00000000		
PGT	1	204.00000000		204.00000000	204.00000000		204.00000000		
----- SSI=68S RK=04 -----									
PGT	1	47.00000000		47.00000000	47.00000000		47.00000000		
PGT	1	121.50000000		121.50000000	121.50000000		121.50000000		
PGT	1	9.50000000		9.50000000	9.50000000		9.50000000		
PGT	1	178.00000000		178.00000000	178.00000000		178.00000000		

16:02 MONDAY, JUNE 10, 1985

SAS

----- SSI=68S RK=03 ----- SSI=68S RK=06 ----- SSI=68U RK=03 ----- SSI=4F RK=03 ----- SSI=4F RK=04 ----- SSI=4F RK=04 ----- SSI=USN RK=04 -----

TABLE	N	IN-AN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
POST	1	24.00000000		24.00000000	24.00000000		24.00000000		
POST	1	142.50000000		142.50000000	142.50000000		142.50000000		
POST	1	40.00000000		40.00000000	40.00000000		40.00000000		
POST	1	206.50000000		206.50000000	206.50000000		206.50000000		

POST	1	19.50000000		19.50000000	19.50000000		19.50000000		
POST	1	93.00000000		93.00000000	93.00000000		93.00000000		
POST	1	40.00000000		40.00000000	40.00000000		40.00000000		
POST	1	152.50000000		152.50000000	152.50000000		152.50000000		

POST	5	64.70000000	12.46294508	43.50000000	74.50000000	5.57359848	323.50000000	135.32500000	19.36-
POST	5	113.50000000	28.18687638	92.00000000	162.00000000	12.60555433	567.50000000	794.50000000	24.954
POST	5	13.20000000	8.00468613	1.00000000	21.50000000	3.57980446	66.00000000	64.07500000	60.542
POST	5	191.40000000	31.38152323	153.50000000	236.50000000	14.03424383	957.00000000	984.80000000	16.396

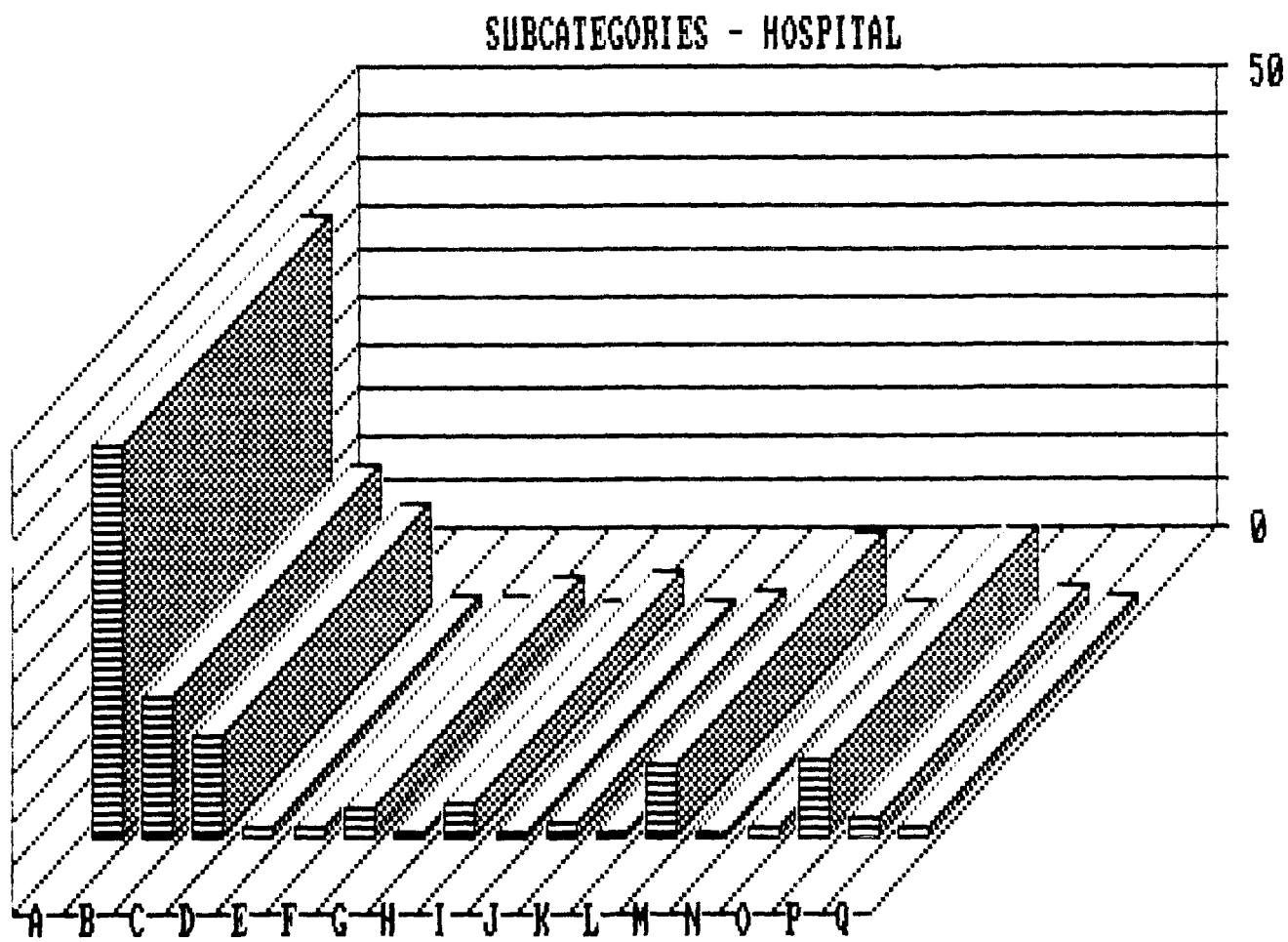
POST	4	194.50000000	63.16380820	146.00000000	285.00000000	31.58190410	778.00000000	3989.66666667	32.472
POST	4	44.50000000	31.96352087	4.00000000	81.00000000	15.98176044	178.00000000	1021.66666667	71.928
POST	4	12.62500000	19.98903951	0.00000000	42.00000000	9.99452975	50.50000000	399.56250000	158.808
POST	4	271.62500000	54.66469763	194.00000000	325.00000000	27.33234881	1006.50000000	2988.22916667	21.472

POST	4	181.00000000	45.33394607	136.50000000	244.00000000	22.66697304	724.00000000	2055.16666667	25.946
POST	4	42.31250000	25.29111751	8.00000000	67.75000000	12.64555876	169.25000000	639.64062500	59.572
POST	4	6.75000000	8.99536918	0.00000000	19.00000000	4.49768459	27.00000000	80.91666667	133.862
POST	4	230.06250000	14.90578048	219.00000000	252.00000000	7.45289024	920.25000000	222.1822917	6.472

POST	1	189.00000000		189.00000000	189.00000000		189.00000000		
POST	1	24.00000000		24.00000000	24.00000000		24.00000000		
POST	1	10.00000000		10.00000000	10.00000000		10.00000000		
POST	1	223.00000000		223.00000000	223.00000000		223.00000000		

APPENDIX U

PROVIDER CATEGORIES
TOTAL



PROVIDER TIME %

PROVIDER CATEGORIES-TOTAL

9:21 THURSDAY, JUNE 13, 1985

VARIABLE	%	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C V
11	41.93	725	96.60937931	92.77048657	0	528.00000000	3.44540938	70041.800000	8606.3631785	96.026
12	15.11	725	34.81910345	46.80661067	0	302.00000000	1.73835388	25243.800000	2190.8588024	134.428
13	10.99	725	23.31632172	30.41358321	0	194.00000000	1.12760640	18334.500000	923.1077022	120.141
14	0.90	725	2.08379310	7.77232101	0	120.00000000	0.28865676	1510.750000	60.4089739	372.989
15	1.05	725	2.41324138	5.79831301	0	52.00000000	0.21534394	1751.050000	33.6204338	240.072
16	2.95	725	6.78531724	17.57376513	0	182.00000000	0.65267325	4919.500000	308.8372209	258.489
17	0.31	725	0.71793103	9.45163745	0	96.00000000	0.20246947	520.500000	29.7205689	759.357
18	3.44	725	7.92827386	12.94070601	0	100.50000000	0.48060576	5748.000000	167.4618720	163.222
19	0.63	725	1.43551724	3.80088904	0	33.00000000	0.14116319	1035.250000	14.4473179	261.144
110	1.54	725	3.53517241	12.47142331	0	176.50000000	0.46317703	2563.000000	159.5363993	352.781
111	0.69	725	1.58137931	8.01527148	0	139.00000000	0.29767971	1146.500000	64.2443768	906.853
112	7.68	725	17.69034483	26.90455255	0	136.00000000	0.99921000	12825.500000	723.8549481	152.082
113	0.42	725	0.97048966	6.24736847	0	64.00000000	0.23202144	703.750000	39.0296128	643.601
114	1.08	725	2.47565517	9.56175497	0	134.00000000	0.35511466	1797.750000	91.4271580	385.608
115	8.32	725	19.18034483	34.03207326	0	242.50000000	1.26466233	13905.750000	1152.5438293	177.534
116	1.90	725	4.37137931	22.56983929	0	176.00000000	0.83822242	3169.250000	509.3971942	516.309
117	1.08	725	2.48965517	9.68224777	0	176.00000000	0.35958965	1805.000000	93.7459218	388.899

APPENDIX V

PROVIDER CATEGORIES
RANK

PROVIDER SUBCATEGORIES BY RANK

<u>Category</u>	<u>01/02</u>	<u>03</u>	<u>04</u>	<u>05</u>	<u>06 (hours)</u>
I10 - Consulting	0.13	1.44	4.42	7.76	10.18
I6 - Research	1.12	5.63	8.80	12.27	7.55
I12 - Authorized Absence	21.29	16.74	18.95	15.30	17.37
I11 - Med/Dent Absence	1.75	1.34	1.22	1.04	4.05
I3 - Med Train/Teaching	5.83	27.13	25.93	34.49	28.42
I8 - Med Meetings/Boards	2.60	6.11	7.43	15.94	14.50
n	83	318	173	81	69

15:29 WEDNESDAY, JUNE 12, 1985

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
RK=01									
I1	42	120.96428571	48.74374792	41.00000000	204.00000000	7.52132359	5080.50000000	2375.9529617	40.396
I2	42	7.62500000	20.19412270	0.00000000	79.50000000	3.11602078	320.25000000	407.8025915	264.841
I3	42	6.64880952	12.55270104	0.00000000	72.00000000	1.93692382	279.25000000	197.5703034	188.792
I4	42	1.94761905	5.12830444	0.00000000	31.00000000	0.79131495	65.00000000	26.2995064	331.367
I5	42	1.47619048	4.62093906	0.00000000	25.00000000	0.71302638	62.00000000	21.3530778	313.031
I6	42	0.25992339	0.77003345	0.00000000	4.00000000	0.11881874	10.75000000	0.5929515	300.850
I7	42	0.01190476	0.07715167	0.00000000	0.50000000	0.01190476	0.50000000	0.0059524	648.074
I8	42	2.40476190	6.03292601	0.00000000	34.50000000	0.93090069	101.00000000	36.3961963	250.874
I9	42	1.28971429	2.31614918	0.00000000	8.50000000	0.35738958	54.00000000	5.3645470	180.145
I10	42	0.02389952	0.15430335	0.00000000	1.00000000	0.02380952	1.00000000	0.0238095	648.074
I11	42	1.17857143	3.17348279	0.00000000	17.00000000	0.48967903	49.50000000	10.0709930	269.265
I12	42	25.66666667	32.50190739	0.00000000	112.00000000	5.01515319	1078.00000000	1056.379837	126.631
I13	42	0.44047619	2.62307393	0.00000000	17.00000000	0.40474909	18.50000000	6.8805168	595.509
I14	42	3.37900000	6.81668729	0.00000000	29.50000000	1.05183768	141.75000000	46.4672256	201.476
I15	42	10.35714286	18.59784816	0.00000000	78.00000000	2.86353814	435.00000000	344.3937282	179.179
I16	42	0.10714286	0.69436507	0.00000000	4.50000000	0.10714286	4.50000000	0.4821429	648.074
I17	42	5.01190476	8.25248528	0.00000000	35.00000000	1.27338612	210.50000000	68.1035134	164.656
RK=02									
I1	41	134.90243902	52.93406506	0	191.00000000	8.26691207	5531.00000000	2802.0152439	39.239
I2	41	4.25609756	26.07468167	0	167.00000000	4.07218113	174.50000000	679.8890244	612.643
I3	41	3.00000000	10.89079313	0	62.00000000	1.70085613	205.00000000	118.6093750	217.816
I4	41	2.89024390	9.12312460	0	47.50000000	1.42479269	118.50000000	83.2314024	315.652
I5	41	1.82926829	5.13761832	0	25.00000000	0.80236118	75.00000000	26.3951220	280.856
I6	41	1.97560976	5.61577136	0	25.00000000	0.87703617	81.00000000	31.5368902	284.255
I7	41	0.47560976	2.01851189	0	11.50000000	0.31523860	19.50000000	4.0743902	424.405
I8	41	2.79268293	5.00777597	0	20.00000000	0.78208321	114.50000000	25.0778201	179.316
I9	41	1.25000000	2.07638841	0	8.00000000	0.31646870	51.25000000	4.1062500	162.111
I10	41	0.23780488	0.72013718	0	3.00000000	0.11246653	9.75000000	0.5185976	302.827
I11	41	2.29878049	7.90553989	0	48.00000000	1.23463790	94.25000000	62.4975610	343.401
I12	41	16.91463415	28.52803499	0	112.00000000	4.45333054	693.50000000	813.8487805	168.659
I13	41	3.02439024	12.32373280	0	64.00000000	1.92464371	124.00000000	151.8743902	407.476
I14	41	2.44512195	10.29282399	0	65.50000000	1.60746904	100.25000000	105.9422256	420.953
I15	41	11.32926829	27.15594082	0	150.00000000	4.24104544	464.50000000	737.4451220	239.697
I16	41	0.02439024	0.15617376	0	1.00000000	0.02439024	1.00000000	0.0243902	640.312
I17	41	3.10975610	7.07880833	0	30.75000000	1.10552413	127.50000000	50.1095274	227.632

15:29 WEDNESDAY, JUNE 12, 1985

SAS

CV

VARIANCE

SUM

STD ERROR
OF MEANMAXIMUM
VALUEMINIMUM
VALUESTANDARD
DEVIATION

MEAN

N

VARIABLE

RK=03

I1	124.11415094	106.26843275	0	528.00000000	39468.300000	11292.979799	85.622
I2	41.33726415	53.64843748	0	302.00000000	13145.250000	2878.156990	129.782
I3	27.12971698	32.05298454	0	170.00000000	8627.250000	1027.368176	118.142
I4	1.88364780	8.78467801	0	120.00000000	599.000000	77.170568	466.363
I5	2.03317610	5.50805332	0	47.00000000	646.550000	30.338651	270.909
I6	5.62893082	16.19974951	0	182.00000000	1790.000000	261.137504	287.084
I7	0.85770440	5.64027418	0	79.00000000	272.750000	31.812693	657.801
I8	6.10534991	11.69321919	0	62.00000000	1941.500000	136.731375	191.924
I9	0.74213836	3.04862297	0	33.00000000	236.000000	9.294102	410.789
I10	1.43789308	5.29298115	0	51.00000000	457.250000	28.015649	368.107
I11	1.34276730	7.43900293	0	98.00000000	427.000000	55.338765	554.003
I12	16.73977987	27.23627657	0	136.00000000	5323.250000	741.814761	162.704
I13	1.13443396	6.82956448	0	64.00000000	360.750000	46.642951	602.024
I14	0.99371069	4.28038864	0	48.00000000	316.000000	18.321727	430.746
I15	9.38993711	19.81618191	0	178.00000000	2986.000000	392.681066	211.032
I16	6.03491119	28.36986002	0	176.00000000	1919.000000	804.848957	470.121
I17	2.09984277	11.20540829	0	176.00000000	667.750000	125.561175	533.631

RK=04

I1	81.41040462	84.67424708	0	481.50000000	14084.000000	7169.7281179	104.009
I2	35.17543353	43.59606322	0	186.60000000	6085.350000	1883.2183029	123.370
I3	25.93063584	33.78941790	0	194.00000000	4486.000000	1141.4544630	130.392
I4	1.53034682	5.36374738	0	42.50000000	264.750000	28.7697859	350.492
I5	2.39017341	5.99904949	0	40.00000000	413.500000	35.9885947	250.986
I6	8.80202312	20.76497173	0	117.00000000	1522.750000	431.1840511	235.911
I7	1.02745665	7.82649127	0	96.00000000	177.750000	61.2539656	761.734
I8	7.43208092	10.38821712	0	49.00000000	1285.750000	107.9150549	139.775
I9	2.06502890	4.46421881	0	25.00000000	357.250000	19.9292496	216.182
I10	4.41618497	19.07835125	0	176.50000000	764.000000	363.9834865	432.010
I11	1.22109827	3.31825070	0	16.00000000	211.250000	11.0107877	271.745
I12	18.94653179	27.61525193	0	136.00000000	3277.750000	762.6021391	145.754
I13	0.84971098	5.76279793	0	56.00000000	147.000000	33.2098400	678.207
I14	3.40751445	12.46693858	0	115.00000000	589.500000	155.4238095	365.865
I15	23.38150289	37.54843287	0	217.00000000	4045.000000	1409.8863128	160.990
I16	2.53323699	14.65164714	0	176.00000000	438.250000	214.6707639	578.372
I17	2.86705202	9.14993557	0	89.00000000	496.000000	83.7213209	319.141

15:29 WEDNESDAY, JUNE 12, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C.
RK=05									
11	81	42.82407407	44.99018026	0	177.00000000	4.99890892	3468.75000000	2024.1163194	105.056
12	81	36.26543210	34.50949475	0	187.00000000	3.83438831	2937.50000000	1190.9052276	95.150
13	81	34.49074074	26.41769188	0	120.00000000	2.93529910	2793.75000000	697.8944444	76.394
14	81	4.01851852	9.99881069	0	61.00000000	1.11077897	325.50000000	99.9762153	248.818
15	81	3.84876543	5.89221932	0	26.00000000	0.69469104	311.75000000	34.7182485	153.094
16	81	12.26851852	23.81109831	0	160.50000000	2.64567759	993.75000000	566.9684028	194.080
17	81	0.59259259	2.84946389	0	18.00000000	0.31660710	48.00000000	8.1194444	480.847
18	81	15.94135903	20.32355512	0	100.50000000	2.28817390	1291.25000000	413.0472994	127.490
19	81	1.72227222	3.52845575	0	19.00000000	0.39205064	139.50000000	12.4500000	204.876
110	81	7.75617284	16.12625844	0	96.00000000	1.79180649	628.25000000	260.0562114	207.915
111	81	1.04320988	2.78999051	0	16.00000000	0.30999895	84.50000000	7.7840471	267.440
112	81	19.29938272	22.25815931	0	104.00000000	2.47312881	1239.25000000	495.4256559	145.484
113	81	0.36419753	2.69607625	0	24.00000000	0.29956403	29.50000000	7.2688272	740.279
114	81	4.81481481	16.46861493	0	134.00000000	1.82984610	390.00000000	271.2152778	342.040
115	81	32.11111111	37.75470448	0	217.00000000	4.19478939	2601.00000000	1425.4328125	117.576
116	81	3.12762963	12.43507558	0	74.00000000	1.38166951	283.50000000	154.6298611	397.332
117	81	1.42263931	3.74596491	0	21.50000000	0.41621832	115.25000000	14.0322531	263.274

RK=06

11	69	34.91666667	50.68324838	0	220.00000000	6.10154609	2409.25000000	2968.7916667	145.155
12	69	37.40579710	43.04078737	0	195.50000000	5.18150191	2581.00000000	1852.5093777	115.064
13	69	28.42391304	24.26512962	0	86.00000000	2.92117833	1961.25000000	588.7965153	85.369
14	69	1.97826087	4.71265098	0	30.00000000	0.36733651	136.50000000	22.2090793	238.222
15	69	3.38043478	7.12630389	0	52.00000000	0.85790617	233.25000000	50.7842072	210.810
16	69	7.59434783	14.15284668	0	66.00000000	1.70380252	521.25000000	200.3030691	187.347
17	69	0.02898551	0.24077171	0	2.00000000	0.02898551	2.00000000	0.0579710	830.662
18	69	14.49637681	13.35292246	0	55.00000000	1.60750296	1000.25000000	178.3005382	92.112
19	69	2.85507246	5.39955162	0	25.00000000	0.65002963	197.00000000	29.1531577	189.121
110	69	10.18478261	13.98145122	0	60.50000000	1.68316893	702.75000000	195.4809783	137.278
111	69	4.04710145	18.40282883	0	139.00000000	2.21544025	279.25000000	338.6641091	454.716
112	69	17.35869565	23.80008180	0	80.00000000	2.86519315	1197.75000000	566.4438939	137.108
113	69	0.34782609	2.88926047	0	24.00000000	0.34782609	24.00000000	8.3478261	830.662
114	69	3.53434783	7.90509766	0	39.00000000	0.95166193	245.25000000	62.4905691	222.406
115	69	46.57246377	52.88547389	0	242.50000000	6.36666289	3213.50000000	2796.873483	113.555
116	69	7.81159420	29.78231086	0	172.00000000	3.58536890	539.00000000	886.9860401	381.250
117	69	2.72463768	10.35528291	0	66.00000000	1.24662957	188.00000000	107.2318841	380.061

15:30 WEDNESDAY, JUNE 12, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
I1	1	0.00000000	.	0.00000000	0.00000000	.	0.00000000	.	.
I2	1	0.00000000	.	0.00000000	0.00000000	.	0.00000000	.	.
I3	1	2.00000000	.	2.00000000	2.00000000	.	2.00000000	.	.
I4	1	1.50000000	.	1.50000000	1.50000000	.	1.50000000	.	.
I5	1	9.00000000	.	9.00000000	9.00000000	.	9.00000000	.	.
I6	1	0.00000000	.	0.00000000	0.00000000	.	0.00000000	.	.
I7	1	0.00000000	.	0.00000000	0.00000000	.	0.00000000	.	.
I8	1	13.75000000	.	13.75000000	13.75000000	.	13.75000000	.	.
I9	1	20.25000000	.	20.25000000	20.25000000	.	20.25000000	.	.
I10	1	0.00000000	.	0.00000000	0.00000000	.	0.00000000	.	.
I11	1	0.75000000	.	0.75000000	0.75000000	.	0.75000000	.	.
I12	1	16.00000000	.	16.00000000	16.00000000	.	16.00000000	.	.
I13	1	0.00000000	.	0.00000000	0.00000000	.	0.00000000	.	.
I14	1	15.00000000	.	15.00000000	15.00000000	.	15.00000000	.	.
I15	1	162.75000000	.	160.75000000	160.75000000	.	160.75000000	.	.
I16	1	14.00000000	.	14.00000000	14.00000000	.	14.00000000	.	.
I17	1	0.00000000	.	0.00000000	0.00000000	.	0.00000000	.	.

RK=08

APPENDIX W

PROVIDER CATEGORIES
DEPARTMENT/SEPARATE SERVICE

PROVIDER SUBCATEGORIES BY SELECTED
DEPARTMENTS

<u>Subcategories</u>	<u>DOM</u>	<u>DOS</u>	<u>DON (hours)</u>
I10 - Consulting	4.41	2.21	2.89
I6 - Research	17.95	6.47	1.95
I12 - Authorized Absence	13.57	15.90	21.63
I11 - Medical/Dental Absence	1.94	0.25	2.32
I3 - Medical Traing/Teaching	36.73	25.72	8.73
I8 - Medical Meetings/Boards	5.27	7.67	6.31
n	104	160	222

15:36 WEDNESDAY, JUNE 12, 1985

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	CV
DP=SURO									
I1	160	142.12500000	115.92620253	0	528.00000000	9.16477101	22740.000000	13438.884434	81.360
I2	160	37.30375000	44.32955470	0	186.00000000	3.50455901	5968.600000	1965.109420	118.834
I3	160	25.71718750	32.83294769	0	194.00000000	2.59567243	4114.750000	1078.002454	127.669
I4	160	1.23781250	5.23034069	0	38.00000000	0.41349474	201.250000	27.356464	415.820
I5	160	2.43906250	6.80332113	0	52.00000000	0.53784976	390.250000	46.285178	278.932
I6	160	6.47031250	18.83279147	0	182.00000000	1.48886289	1035.250000	354.674034	291.065
I7	160	0.51875000	3.08023839	0	40.00000000	0.30675978	83.000000	15.056250	747.498
I8	160	7.66562500	11.71060529	0	55.00000000	0.92580464	1226.500000	137.138276	152.768
I9	160	0.60937500	2.58787198	0	19.50000000	0.20458924	97.500000	6.697081	424.676
I10	160	2.20937500	6.69793498	0	49.00000000	0.52951825	353.500000	44.862333	303.160
I11	160	0.25312500	1.63759731	0	18.00000000	0.12946027	40.500000	2.681594	646.936
I12	160	15.89531250	25.59438802	0	136.00000000	2.02341404	2543.250000	655.072698	161.018
I13	160	0.59625000	3.82107179	0	40.00000000	0.30208225	89.000000	14.600590	686.934
I14	160	1.42500000	6.57520595	0	65.50000000	0.51981567	228.000000	43.233333	461.418
I15	160	10.29968750	19.38830638	0	136.00000000	1.53278020	1636.750000	375.906424	189.530
I16	160	12.79375000	40.93826413	0	176.00000000	3.23645395	2047.000000	1675.941470	319.486
I17	160	1.61718750	14.04955275	0	176.00000000	1.11071230	258.750000	197.389090	868.763
DP=SN5									
I1	8	34.34375000	42.06307710	0	101.50000000	14.87154353	274.75000000	1769.3024554	122.477
I2	8	28.96875000	39.47839316	0	105.50000000	13.95771976	231.75000000	1598.5435268	136.279
I3	8	7.75000000	7.26046043	0	17.50000000	2.56696040	62.00000000	52.7142857	93.680
I4	8	0.50000000	1.41421356	0	4.00000000	0.50000000	4.00000000	2.0000000	282.840
I5	8	2.68750000	5.49634619	0	16.00000000	1.94325183	21.50000000	30.2098214	204.515
I6	8	0.93750000	2.65165043	0	7.50000000	0.93750000	7.50000000	7.0312500	282.840
I7	8	0.00000000	0.00000000	0	0.00000000	0.00000000	0.00000000	0.0000000	111.---
I8	8	14.06250000	15.65803650	0	46.50000000	5.53595190	112.50000000	245.1741071	130.474
I9	8	5.68750000	7.42071184	0	22.00000000	2.62361783	45.50000000	55.0669643	115.728
I10	8	8.40625000	9.72839869	0	28.00000000	3.43950834	67.25000000	94.6417411	194.129
I11	8	0.68750000	1.33463478	0	3.50000000	0.47188465	5.50000000	1.7812500	117.952
I12	8	32.75000000	38.62918956	0	84.00000000	13.65748094	262.00000000	1492.2142857	282.840
I13	8	0.31250000	0.88388348	0	2.50000000	0.31250000	2.50000000	0.7812500	282.840
I14	8	1.37500000	3.88908730	0	11.00000000	0.37500000	11.00000000	15.1250000	117.301
I15	8	32.93750000	38.63606522	0	104.00000000	13.65991186	263.50000000	1492.7455357	282.840
I16	8	4.50000000	12.72792206	0	36.00000000	4.50000000	36.00000000	162.0000000	118.335
I17	8	2.53125000	2.99534609	0	8.00000000	1.05901477	20.25000000	8.9720982	118.335

15:36 WEDNESDAY, JUNE 12, 1985

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VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C

DP=DN

I1	222	105.46756757	65.15981420	0	213.50000000	4.37324039	23413.800000	4245.8013868	61.782
I2	222	6.04842342	25.20827649	0	180.00000000	1.69186874	1342.750000	635.4572034	416.774
I3	222	8.73310811	19.41632732	0	164.50000000	1.30313858	1938.750000	376.9937745	222.330
I4	222	2.26914414	9.77017720	0	120.00000000	0.69573136	503.750000	95.4563626	430.567
I5	222	2.03063063	5.51937423	0	40.00000000	0.37043614	450.800000	30.4634919	271.906
I6	222	1.94819820	12.38262161	0	160.50000000	0.83106715	432.500000	153.3293180	635.594
I7	222	0.47635135	2.43063671	0	18.00000000	0.16313500	105.750000	5.9080921	910.266
I8	222	6.31193694	12.51136784	0	100.50000000	0.83970803	1401.250000	156.5343252	198.218
I9	222	2.07432432	4.63364816	0	33.00000000	0.31099010	460.500000	21.4706952	223.381
I10	222	2.87950450	14.62693530	0	176.50000000	0.98169562	639.250000	213.9472364	507.967
I11	222	2.31644144	9.39817001	0	98.00000000	0.63076387	514.250000	88.3255995	405.716
I12	222	21.63063063	31.48037550	0	120.00000000	2.11281775	4802.000000	991.0077453	145.536
I13	222	1.18918919	7.84696790	0	64.00000000	0.52665400	264.000000	61.5749052	659.859
I14	222	4.51126126	14.75723181	0	134.00000000	0.99044055	1001.500000	217.7758907	327.120
I15	222	25.42229730	47.38280838	0	242.50000000	3.18012588	5643.750000	2245.1305300	186.380
I16	222	1.19031532	11.89088760	0	172.00000000	0.79537950	264.250000	140.4435370	995.609
I17	222	3.38175676	7.10592405	0	35.00000000	0.47691840	750.750000	50.4941566	210.125

DP=DPCM

I1	23	0.00000000	0.00000000	0	0.00000000	0.00000000	0	0.00000000	37.423
I2	23	126.97826087	48.15398555	16.50000000	194.00000000	10.04080008	2920.500000	2318.8063241	241.737
I3	23	6.08695657	14.71444264	0.00000000	61.50000000	3.06817338	140.000000	216.5148221	274.012
I4	23	3.63043478	9.94783827	0.00000000	48.00000000	2.07426767	83.500000	98.9594862	207.880
I5	23	1.71739130	3.57016070	0.00000000	16.00000000	0.74442997	39.500000	12.7460474	332.392
I6	23	0.28260870	0.93936738	0.00000000	3.50000000	0.19587164	6.500000	0.8824111	257.490
I7	23	1.06521739	2.74815785	0.00000000	8.00000000	0.57303052	24.500000	7.5823715	211.490
I8	23	3.05434783	6.47370403	0.00000000	30.25000000	1.34986060	70.250000	41.9088439	211.403
I9	23	1.18478261	2.50705526	0.00000000	9.50000000	0.53275716	27.250000	6.2853261	259.005
I10	23	1.01086957	2.61820361	0.00000000	9.75000000	0.54593319	23.250000	6.8549901	231.073
I11	23	1.72826087	3.99354098	0.00000000	16.00000000	0.83271086	39.750000	15.9483696	112.074
I12	23	22.16304348	24.83898246	0.00000000	80.00000000	5.17928587	509.750000	616.9750494	345.251
I13	23	1.63043478	5.62909930	0.00000000	24.00000000	1.17374834	37.500000	31.6857589	317.364
I14	23	1.43478261	4.55348106	0.00000000	20.00000000	0.94946643	33.000000	20.7341897	98.139
I15	23	16.33698652	16.03292222	0.00000000	95.00000000	3.34309538	375.750000	257.0545949	479.380
I16	23	3.23913043	15.53432385	0.00000000	74.50000000	3.23913043	74.500000	241.3152174	177.780
I17	23	4.05434783	7.20793302	0.00000000	22.50000000	1.50295793	93.250000	51.9542984	

15:36 WEDNESDAY, JUNE 12, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C

DP=HQ

I1	2	0.50000000	0.70710678	0.00000000	1.00000000	0.50000000	1.00000000	0.50000000	141.421
I2	2	1.25000000	1.76776695	0.00000000	2.50000000	1.25000000	2.50000000	3.12500000	141.421
I3	2	4.50000000	3.53533391	2.00000000	7.00000000	2.50000000	9.00000000	12.50000000	78.367
I4	2	7.00000000	7.77817459	1.50000000	12.50000000	3.50000000	14.00000000	60.50000000	111.117
I5	2	6.50000000	3.53533391	4.00000000	9.00000000	2.50000000	13.00000000	12.50000000	54.393
I6	2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
I7	2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
I8	2	10.12500000	5.1252416	6.50000000	13.75000000	0.00000000	20.25000000	26.28125000	50.
I9	2	16.62500000	5.1252416	13.00000000	20.25000000	3.62500000	33.25000000	26.28125000	30.835
I10	2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
I11	2	1.87500000	1.90999026	0.75000000	3.00000000	1.12500000	3.75000000	2.53125000	84.853
I12	2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	47.140
I13	2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
I14	2	18.75000000	5.30330086	15.00000000	22.50000000	3.75000000	37.50000000	28.12500000	28.
I15	2	133.62500000	10.07627163	146.50000000	160.75000000	7.12500000	307.25000000	101.53125000	6.556
I16	2	8.25000000	8.13172798	2.50000000	14.00000000	5.75000000	16.50000000	66.12500000	98.566
I17	2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	

DP=MED

I1	104	85.47596154	102.14222736	0	353.00000000	10.01586943	8889.50000000	10433.034611	119.496
I2	104	52.58413462	46.23523919	0	302.00000000	4.53373821	5468.75000000	2137.697343	87.926
I3	104	36.72836538	31.63212218	0	152.50000000	3.10178477	3819.75000000	1000.591134	86.125
I4	104	0.56250000	1.52118933	0	8.00000000	0.14916489	58.50000000	2.314017	270.434
I5	104	2.1423077	4.78705428	0	26.00000000	0.46940929	223.00000000	22.915889	223.350
I6	104	17.94951923	25.73665598	0	117.00000000	2.52368673	1866.75000000	662.373461	143.384
I7	104	1.04807692	9.44722673	0	96.00000000	0.92637680	109.00000000	89.250093	901.387
I8	104	5.26923077	8.73064380	0	45.00000000	0.85611006	548.00000000	76.224141	165.691
I9	104	0.80288462	2.97188955	0	25.00000000	0.29141775	83.50000000	8.832128	370.152
I10	104	4.41103769	12.52317843	0	96.00000000	1.22799868	458.75000000	156.829998	283.904
I11	104	1.93750000	13.8191662E	0	139.00000000	1.35508074	201.50000000	190.969357	713.247
I12	104	13.56730769	20.67725378	0	104.00000000	2.02757155	1411.00000000	427.548824	152.405
I13	104	1.46875000	7.24415462	0	48.00000000	0.71034780	152.75000000	52.477776	493.219
I14	104	1.39423077	4.29759081	0	32.00000000	0.42141345	145.00000000	18.469287	308.241
I15	104	15.75000000	23.73529182	0	115.00000000	2.32743685	1638.00000000	563.364078	150.700
I16	104	1.36538462	5.88284934	0	34.00000000	0.57685084	142.00000000	34.607916	430.857
I17	104	2.71634615	10.8322971E	0	89.00000000	1.06219413	282.50000000	117.338662	398.782

15:36 WEDNESDAY, JUNE 12, 1985

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VARIABLE

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MEAN

STANDARD
DEVIATIONMINIMUM
VALUEMAXIMUM
VALUESTD ERROR
OF MEAN

SUM

VARIANCE

C

DP=PSYCH

I1	35	21.25000000	31.63980414	0.00000000	159.50000000	5.34810302	743.7500000	1001.0772059	148.973
I2	35	38.71428571	24.59193144	0.00000000	93.00000000	4.19003724	1355.0000000	602.7983193	63.418
I3	35	51.18571429	17.30143046	14.00000000	80.00000000	2.92447551	1791.5000000	299.3394958	33.801
I4	35	9.09285714	13.19314741	0.00000000	61.00000000	2.23004893	318.2500000	174.0591387	145.094
I5	35	4.49285714	6.54087892	0.00000000	29.00000000	1.10686258	157.2500000	42.8878151	145.762
I6	35	10.02857143	18.47492034	0.00000000	69.50000000	3.12283154	351.0000000	341.3226891	184.223
I7	35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.0000000	0.0000000	
I8	35	25.39285714	16.77843128	4.00000000	70.50000000	2.83607252	888.7500000	281.5157563	66.073
I9	35	1.71428571	2.48313640	0.00000000	11.00000000	0.41972666	60.0000000	6.1659664	144.850
I10	35	1.25714286	6.77513993	0.00000000	40.00000000	1.14520767	44.0000000	45.9025210	538.932
I11	35	2.87142857	5.16826125	0.00000000	18.00000000	0.87359560	100.5000000	26.7109244	179.989
I12	35	5.74285714	12.46428511	0.00000000	41.50000000	2.10684872	201.0000000	155.3584034	217.040
I13	35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.0000000	0.0000000	
I14	35	0.51428571	1.83305320	0.00000000	10.00000000	0.30984254	18.0000000	3.3600840	356.427
I15	35	31.29285714	18.62561544	2.00000000	67.00000000	3.14830363	1095.2500000	346.9135504	59.320
I16	35	1.98571429	7.01310298	0.00000000	40.00000000	1.18543076	69.5000000	49.1836134	353.170
I17	35	0.82857143	2.00346339	0.00000000	9.50000000	0.33864712	29.0000000	4.0138655	241.797

DP=RAD

I1	43	73.01162791	44.55367127	0	215.00000000	6.79437117	3139.5000000	1985.0296235	61.023
I2	43	50.55813953	36.69455800	0	155.00000000	5.59586763	2174.0000000	1346.4905869	72.579
I3	43	44.41860465	37.15026281	0	148.00000000	5.66536197	1910.0000000	1380.1420266	83.637
I4	43	0.95548837	2.72731761	0	13.00000000	0.41591204	41.0000000	7.4382614	286.036
I5	43	2.13953488	5.24441379	0	21.00000000	0.79976560	92.0000000	27.5038760	245.119
I6	43	7.65116279	13.30884726	0	56.00000000	2.02958018	329.0000000	177.1254153	173.945
I7	43	0.06976744	0.33773396	0	2.00000000	0.05150395	3.0000000	0.1140642	484.085
I8	43	9.69767442	18.71373939	0	64.00000000	2.85381850	417.0000000	350.2040421	192.971
I9	43	0.79069767	2.75644819	0	14.00000000	0.42035441	34.0000000	7.5980066	348.610
I10	43	5.87209302	12.07767176	0	51.00000000	1.84182768	252.5000000	145.8701350	205.679
I11	43	0.82558140	2.69694980	0	14.00000000	0.41158599	35.5000000	7.2843300	326.915
I12	43	26.34883721	29.92680254	0	96.00000000	4.56379460	1133.0000000	895.6135105	113.579
I13	43	1.34883721	8.53810429	0	56.00000000	1.30204870	58.0000000	72.8992248	632.997
I14	43	1.34883721	6.08622066	0	39.00000000	0.92813995	58.0000000	37.0420819	451.320
I15	43	9.53488372	22.41449238	0	96.00000000	3.41817804	410.0000000	502.4094684	235.079
I16	43	0.41860465	1.77593112	0	10.00000000	0.27082696	18.0000000	3.1539313	424.250
I17	43	2.43023256	9.53476184	0	47.00000000	1.45403755	104.5000000	90.9116833	392.336

15:36 WEDNESDAY, JUNE 12, 1985

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VARIABLE

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MEAN

STANDARD
DEVIATIONMINIMUM
VALUEMAXIMUM
VALUESTD ERROR
OF MEAN

SUM

VARIANCE

DP=PHYSED

I1	28	53.79892857	47.01228573	0	218.00000000	8.88486490	1505.25000000	2210.1550099	87.430
I2	28	32.11607143	36.97080193	0	136.00000000	6.98682483	843.25000000	1366.8401951	122.761
I3	28	29.48214286	21.86034468	0	97.50000000	4.13121483	825.50000000	477.8746693	74.148
I4	28	2.52678571	7.50133917	0	33.50000000	1.41761985	70.75000000	56.2700893	296.873
I5	28	1.67857143	2.91932985	0	11.00000000	0.59170148	47.00000000	8.5224868	173.918
I6	28	9.20335714	16.41829569	0	75.25000000	3.10276624	257.75000000	269.5604332	178.356
I7	28	1.92857143	6.14993254	0	24.00000000	1.16147208	54.00000000	37.7724868	318.678
I8	28	7.70335714	6.54756584	0	20.00000000	1.23737364	215.75000000	42.8706184	84.974
I9	28	3.97321429	5.99941270	0	20.00000000	1.05818954	111.25000000	31.3534226	140.929
I10	28	1.77678571	3.68137158	0	13.00000000	0.69571383	49.75000000	13.5524967	207.193
I11	28	1.03571429	2.28492877	0	10.50000000	0.43181095	29.00000000	5.2208995	220.614
I12	28	20.47321429	24.31014299	0	104.00000000	4.59418919	573.25000000	990.9830322	118.741
I13	28	2.53571429	9.31538808	0	47.00000000	1.76044287	71.00000000	86.7764550	367.367
I14	28	2.80357143	6.37172470	0	32.00000000	1.20414278	78.50000000	40.5988757	227.272
I15	28	25.33928571	26.81004979	0	123.50000000	5.06662317	709.50000000	718.7787698	105.804
I16	28	6.71428571	33.25419176	0	176.00000000	6.28443153	188.00000000	1105.8412698	495.275
I17	28	3.07142857	5.91250133	0	24.50000000	1.11735772	86.00000000	34.9576720	192.500

DP=PREVIED

I1	5	17.25000000	24.54332903	0.00000000	59.75000000	10.97611042	86.25000000	602.3750000	142.380
I2	5	27.35000000	24.57234218	10.00000000	70.00000000	10.98908349	136.75000000	603.8000000	89.844
I3	5	1.75000000	2.71569312	0.00000000	6.50000000	1.21445778	8.75000000	7.3750000	155.183
I4	5	0.20000000	0.44721360	0.00000000	1.00000000	0.20000000	1.00000000	0.2000000	223.607
I5	5	6.65000000	4.23379263	1.00000000	11.00000000	1.89340962	33.25000000	17.9250000	63.666
I6	5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.0000000	
I7	5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.0000000	
I8	5	23.55000000	16.30030675	0.00000000	42.00000000	7.28971879	117.75000000	265.7000000	69.
I9	5	2.50000000	3.64003494	0.00000000	8.00000000	1.62788206	12.50000000	13.2500000	145.602
I10	5	4.20000000	9.39148551	0.00000000	21.00000000	4.20000000	21.00000000	88.2000000	223.607
I11	5	6.30000000	11.91427715	0.00000000	27.50000000	5.32822672	31.50000000	141.9500000	189.116
I12	5	9.75000000	6.87840825	0.00000000	16.75000000	3.07611768	48.75000000	47.3125000	70.948
I13	5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.0000000	
I14	5	3.20000000	11.62755348	0.00000000	26.00000000	5.20000000	26.00000000	135.2000000	223.607
I15	5	60.65000000	35.51830514	5.75000000	96.50000000	15.88426895	303.25000000	1261.5500000	58.563
I16	5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.0000000	
I17	5	21.60000000	30.77011537	0.00000000	66.00000000	13.76081393	108.00000000	946.8000000	142.434

15:36 WEDNESDAY, JUNE 12, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
DP=PATH									
I1	19	64.69736842	58.03965233	0.00000000	168.00000000	13.31520943	1229.2500000	3368.6012427	89.709
I2	19	33.18421053	67.64269085	0.00000000	264.00000000	15.51829756	630.5000000	4573.5336257	203.840
I3	19	46.34210526	27.84196604	7.00000000	113.00000000	6.38738507	880.5000000	775.1750731	60.079
I4	19	3.85526316	8.34137770	0.00000000	28.00000000	1.91364329	73.2500000	69.5785819	216.363
I5	19	0.69736842	1.59585576	0.00000000	6.00000000	0.35693779	13.2500000	2.4206871	223.104
I6	19	2.30263158	5.94101735	0.00000000	24.00000000	1.36296285	43.7500000	35.2956871	258.010
I7	19	7.07894737	19.00896218	0.00000000	79.00000000	4.36095501	134.5000000	361.3406433	268.328
I8	19	15.36842105	17.06917471	0.00000000	51.50000000	3.91593724	292.0000000	291.3567251	111.067
I9	19	1.94736842	5.03770792	0.00000000	20.00000000	1.16031777	37.0000000	25.5804094	259.720
I10	19	7.81578947	10.74863693	0.00000000	30.00000000	2.46591102	148.5000000	115.5336257	137.325
I11	19	1.35526316	2.53130112	0.00000000	8.00000000	0.59530862	25.7500000	6.5091374	188.351
I12	19	10.71052632	20.03589698	0.00000000	72.00000000	4.59425585	203.5000000	401.0363497	186.474
I13	19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.0000000	0.0000000	246.---
I14	19	2.23084211	5.51605843	0.00000000	22.00000000	1.26547059	42.5000000	30.4269006	155.534
I15	19	23.59263158	36.63223563	0.00000000	116.50000000	8.40401122	447.5000000	1341.9206871	344.
I16	19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.0000000	0.0000000	
I17	19	0.90789474	3.12828774	0.00000000	13.50000000	0.71767843	17.2500000	9.7861842	

DP=PED

DP=PED									
I1	29	134.00000000	113.43226818	0	366.00000000	21.06384340	3886.0000000	12866.879464	84.651
I2	29	53.64655172	53.12357213	0	175.50000000	9.86479969	1555.7500000	2822.113916	99.025
I3	29	32.92241379	23.74164359	0	98.00000000	4.40871254	954.7500000	563.665640	72.114
I4	29	3.39655172	11.49485856	0	49.00000000	2.13454165	98.5000000	132.131773	338.427
I5	29	2.80172414	5.67709185	0	24.00000000	1.05420949	81.2500000	32.229372	202.829
I6	29	7.17241379	12.38105974	0	54.00000000	2.29910508	208.0000000	153.290640	172.621
I7	29	0.09482759	0.35615627	0	1.50000000	0.06613656	2.7500000	0.126847	375.383
I8	29	9.54310345	12.79579817	0	45.00000000	2.37612007	276.7500000	163.732451	134.084
I9	29	0.46551724	1.53321930	0	6.50000000	0.28285472	13.5000000	2.320197	327.210
I10	29	5.62931034	8.59989117	0	31.00000000	1.59695970	163.2500000	73.958128	152.770
I11	29	2.74137931	11.43351936	0	61.00000000	2.12315128	79.5000000	130.725369	417.072
I12	29	19.31034483	32.46217959	0	136.00000000	6.02807542	560.0000000	1053.793103	168.105
I13	29	0.00000000	0.00000000	0	0.00000000	0.00000000	0.0000000	0.0000000	
I14	29	2.64655172	9.29033610	0	48.50000000	1.72517210	76.7500000	86.310345	351.---
I15	29	17.35344828	28.19190591	0	105.25000000	5.23510550	503.2500000	794.783599	162.457
I16	29	8.01724138	20.18064966	0	74.00000000	3.74745256	232.5000000	407.258621	251.716
I17	29	0.02586207	0.13927150	0	0.75000000	0.02586207	0.7500000	0.019397	538.516

15:36 WEDNESDAY, JUNE 12, 1985

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C

DP=NEURO

11	23	92.89130435	110.59341039	0	333.00000000	23.06032017	2136.50000000	12230.902421	119.057
12	23	45.81521739	48.61585374	0	171.00000000	10.13710626	1053.75000000	2363.901235	106.113
13	23	41.31521739	39.96320875	0	143.00000000	8.33290506	950.25000000	1597.058053	96.725
14	23	0.04347826	0.20851441	0	1.00000000	0.04347826	1.00000000	0.043478	479.580
15	23	3.32173913	7.83998820	0	29.50000000	1.63475055	61.00000000	61.465419	222.617
16	23	3.30434783	10.77638320	0	50.00000000	2.24703123	76.00000000	116.130435	326.127
17	23	0.13043478	0.62354324	0	3.00000000	0.13043478	3.00000000	0.391304	479.580
18	23	0.70652174	1.16933399	0	3.50000000	0.24382298	16.25000000	1.367342	165.506
19	23	0.32173913	1.41805133	0	5.00000000	0.27568414	12.00000000	2.010870	271.790
110	23	11.63043478	33.40461910	0	160.00000000	6.96534458	267.50000000	1115.848577	287.217
111	23	0.53260870	1.07212710	0	4.00000000	0.22355395	12.25000000	1.149457	201.297
112	23	9.56521739	20.77547962	0	80.00000000	4.33198696	220.00000000	431.620553	217.198
113	23	0.06521739	0.31277162	0	1.50000000	0.06521739	1.50000000	0.097826	479.580
114	23	0.93478261	2.54640722	0	9.50000000	0.3096261	21.50000000	6.484190	272.406
115	23	7.08695652	16.45090349	0	75.00000000	3.43191862	163.00000000	270.895504	232.242
116	23	1.95652174	6.77212375	0	29.00000000	1.41208542	49.00000000	45.861660	346.131
117	23	1.91304348	4.78789234	0	16.00000000	0.99834457	44.00000000	22.923913	250.276

DP=OBQYN

11	14	124.53571429	101.39345759	6.00000000	328.00000000	27.09854140	1743.50000000	10280.633242	81.417
12	14	63.00000000	62.42657225	0.00000000	199.00000000	16.68420323	882.00000000	3897.076723	99.090
13	14	43.60714286	23.52509182	3.00000000	88.00000000	6.28734526	610.50000000	553.429945	53.948
14	14	2.57142857	6.64152769	0.00000000	21.00000000	1.77502294	36.00000000	44.109890	258.282
15	14	5.17857143	9.33481313	0.00000000	32.50000000	2.49483375	72.50000000	87.138736	180.258
16	14	6.32142857	10.66195094	0.00000000	33.50000000	2.84952625	88.50000000	113.677198	168.664
17	14	0.07142857	0.26726124	0.00000000	1.00000000	0.07142857	1.00000000	0.071429	374.166
18	14	4.42857143	6.87765933	0.00000000	20.00000000	1.83813177	62.00000000	47.302198	195.302
19	14	0.92857143	1.68542557	0.00000000	4.00000000	0.45044893	13.00000000	2.840659	181.507
110	14	0.89285714	2.64704895	0.00000000	10.00000000	0.70745359	12.50000000	7.006868	296.465
111	14	0.87500000	1.78872000	0.00000000	5.75000000	0.47805553	12.25000000	3.199519	204.425
112	14	14.85714286	16.26159772	0.00000000	40.00000000	4.34609480	208.00000000	264.439560	109.450
113	14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000	374.166
114	14	0.28571429	1.06904497	0.00000000	4.00000000	0.28571429	4.00000000	1.142857	151.507
115	14	13.75000000	22.27343191	0.00000000	70.50000000	5.93282508	192.50000000	496.105769	232.048
116	14	2.00000000	4.64095481	0.00000000	16.00000000	1.24034735	28.00000000	21.538462	254.854
117	14	0.53571429	1.36528788	0.00000000	4.00000000	0.36488853	7.50000000	1.864011	

APPENDIX X

PROVIDER CATEGORIES
CORPS

PROVIDER SUBCATEGORIES BY BRANCH

<u>Subcategories</u>	<u>MC</u>	<u>ANC</u>	<u>AMSC</u>	<u>MSC (hours)</u>
I10 - Consulting	3.96	2.88	1.58	3.58
I8 - Research	9.44	1.90	10.51	3.53
I12 - Authorized Absence	15.48	21.37	16.75	21.67
I11 - Medical/Dental Absence	1.14	2.51	1.59	1.01
I3 - Medical Training/Teaching	34.45	8.67	3.89	21.43
I8 - Medical Meetings/Boards/Committees	8.52	6.65	8.76	8.47
I15 - Medical Administration	14.97	26.04	23.96	24.08
n	439	230	20	36

SAS

14:39 THURSDAY, JUNE 13, 1985

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
BR-MC									
11	439	102.3228274	109.51972013	0	528.00000000	5.03618147	44919.750000	11134.411341	103.124
12	439	46.73706130	48.06134531	0	302.00000000	2.29384381	20526.350000	2309.894836	102.790
13	439	34.43216401	32.23735999	0	194.00000000	1.53934008	15124.500000	1040.537661	93.629
14	439	1.93792711	6.83192646	0	61.00000000	0.32607006	850.750000	46.675219	352.538
15	439	2.64009112	6.18907853	0	52.00000000	0.29317865	1159.000000	38.255444	224.276
16	439	9.44476082	19.81241787	0	182.00000000	0.94357511	4146.250000	392.531902	209.772
17	439	0.67482316	6.23652713	0	76.00000000	0.29745843	296.250000	38.893024	924.149
18	439	8.51765376	13.38514909	0	70.50000000	0.63883831	3739.250000	179.162216	157.146
19	439	0.88781321	2.89436837	0	25.00000000	0.13814067	389.750000	8.377369	326.011
110	439	3.96355353	11.96359745	0	160.00000000	0.57099135	1740.000000	143.127664	301.840
111	439	1.14179234	7.60020294	0	139.00000000	0.36273255	501.250000	57.761382	665.624
112	439	15.48006834	24.61489927	0	136.00000000	1.17480314	6795.750000	605.891297	159.010
113	439	0.76708428	5.20921916	0	56.00000000	0.24845387	336.750000	27.143258	679.185
114	439	1.13382688	4.46036584	0	49.50000000	0.21289165	497.750000	19.894863	393.390
115	439	14.96983144	25.23171102	0	160.75000000	1.20424386	6570.000000	636.639241	168.393
116	439	6.10706150	26.99651035	0	176.00000000	1.28847314	2681.000000	728.811571	442.054
117	439	1.74772210	10.97559599	0	176.00000000	0.50474392	767.250000	111.842461	603.103

BR-MSC

BR-MSC									
11	36	13.47916667	23.38378368	0	101.50000000	3.89729728	485.250000	546.8013393	173.481
12	36	67.70138889	52.64730421	0	161.50000000	8.77435070	2437.250000	2771.7386409	77.764
13	36	21.43055556	24.61420983	0	80.00000000	4.10236830	771.500000	605.8593254	114.856
14	36	1.94444444	4.13828429	0	17.50000000	0.68971405	70.000000	17.1253968	212.826
15	36	1.47222222	3.38633258	0	16.00000000	0.36447210	53.000000	11.4706349	230.049
16	36	3.52777778	7.76065576	0	38.50000000	1.29344263	127.000000	60.2277778	219.987
17	36	1.77777778	7.67597778	0	40.00000000	1.27932963	64.000000	58.9206349	431.774
18	36	8.47222222	10.86931753	0	46.50000000	1.81159292	305.000000	118.1420635	128.294
19	36	1.81944444	4.43066067	0	22.00000000	0.73844344	65.500000	19.6307540	243.517
110	36	3.57638889	7.04977696	0	28.00000000	1.17496283	128.750000	49.6993552	197.120
111	36	1.00694444	3.22073977	0	18.00000000	0.53678976	36.250000	10.3231647	319.853
112	36	21.66666667	28.03671063	0	84.00000000	4.67278510	780.000000	786.0971429	129.400
113	36	0.51388889	2.11621668	0	12.00000000	0.35270278	18.500000	4.4783730	411.804
114	36	3.40277778	12.71771512	0	65.50000000	2.11961919	194.500000	161.7402778	259.392
115	36	24.08333333	26.9980317	0	104.00000000	4.49993386	867.000000	728.9785714	112.109
116	36	6.22222222	20.2637756	0	92.00000000	3.37106293	224.000000	409.1063492	325.067
117	36	2.24305556	3.62603981	0	12.50000000	0.60433977	80.750000	13.1481647	161.656

14:39 THURSDAY, JUNE 13, 1983

SAS

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM	VARIANCE	C
BR=AHSC									
I1	20	56.83750000	34.49335129	0.00000000	120.50000000	7.71294782	1136.75000000	1189.7912829	60.688
I2	20	30.46250000	45.95580507	0.00000000	167.00000000	10.27603041	609.25000000	2111.9360197	150.860
I3	20	23.27500000	19.32153489	0.00000000	68.25000000	4.32042654	465.50000000	373.3217105	83.014
I4	20	3.88750000	8.86687916	0.00000000	33.50000000	1.98269446	77.75000000	78.6213461	228.087
I5	20	2.25000000	3.22612689	0.00000000	11.00000000	0.72138390	45.00000000	10.4078947	143.383
I6	20	10.51250000	18.32931126	0.00000000	75.25000000	4.09859860	210.25000000	335.9636513	174.357
I7	20	2.70000000	7.17524986	0.00000000	24.00000000	1.60433464	54.00000000	31.4842105	265.750
I8	20	8.76250000	6.84051158	0.00000000	20.00000000	1.52958489	175.25000000	46.7925987	78.066
I9	20	5.70000000	5.79280407	0.00000000	20.00000000	1.29531037	114.00000000	33.5585789	101.628
I10	20	1.57500000	3.71793307	0.00000000	13.00000000	0.83135511	31.50000000	13.8230263	236.059
I11	20	1.58750000	2.75928457	0.00000000	10.50000000	0.61692479	31.75000000	7.6136513	173.813
I12	20	16.75000000	15.61481247	0.00000000	48.00000000	3.49157821	335.00000000	243.8223684	93.223
I13	20	3.55000000	10.93268879	0.00000000	47.00000000	2.44462353	71.00000000	119.5236842	307.963
I14	20	3.32500000	7.30946574	0.00000000	32.00000000	1.63444623	66.50000000	53.4282895	219.834
I15	20	23.95000000	19.19217220	3.00000000	81.50000000	4.29150017	479.00000000	368.3394737	80.134
I16	20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	193.437
I17	20	2.98750000	5.79386870	0.00000000	24.50000000	1.29534843	59.75000000	33.5689145	

BR=ANC

I1	230	102.17413043	66.42850110	0	213.50000000	4.38016565	23500.050000	4412.7457580	45.015
I2	230	7.26521739	26.50055176	0	180.00000000	1.74739464	1671.000000	702.2792434	364.759
I3	230	8.66521739	19.23052769	0	164.50000000	1.26802345	1993.000000	369.8131954	221.928
I4	230	2.2717391	9.60333768	0	120.00000000	0.63322533	512.250000	92.2240946	431.189
I5	230	2.14804348	5.43509949	0	40.00000000	0.36233614	494.050000	30.1961206	235.819
I6	230	1.89565217	12.16949451	0	160.50000000	0.80243271	436.000000	148.0765967	641.969
I7	230	0.46195652	2.38923132	0	18.00000000	0.15754125	106.250000	5.7084263	517.198
I8	230	6.4565217	12.74367223	0	100.50000000	0.84059286	1528.500000	162.4011819	191.760
I9	230	2.11304248	4.60683983	0	33.00000000	0.30376602	486.000000	21.2229732	218.019
I10	230	2.88152174	14.42653184	0	176.50000000	0.95125734	662.750000	208.1248208	500.657
I11	230	2.50978261	9.44090225	0	98.00000000	0.6251466	577.250000	89.1306353	376.164
I12	230	1.36847826	31.04461038	0	120.00000000	0.20420099	4914.750000	963.7678339	145.282
I13	230	1.20652174	7.75426076	0	64.00000000	0.51130081	277.500000	60.1285599	642.695
I14	230	4.5179130	14.58766309	0	134.00000000	0.96188202	1039.000000	212.7999146	322.922
I15	230	26.04239130	47.10857566	0	242.50000000	3.10624749	5989.750000	2219.2179004	180.892
I16	230	1.14891304	11.64409670	0	172.00000000	0.76778900	264.250000	135.9849879	1013.488
I17	230	3.90108696	8.63628535	0	66.00000000	0.5895979	897.250000	74.5854246	221.382

APPENDIX AA

CORRELATION
TOTAL (RANK/PROVIDER TIME)

CORRELATION - TOTAL

9:41 THURSDAY, JUNE 13, 1985

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
PCT	725	131.4284828	87.7701903	95285.6500000	0.0000000	528.00000
NPCT	725	62.7458621	55.3159883	45490.7500000	0.0000000	298.50000
NAT	725	36.2559862	38.2412731	26285.3000000	0.0000000	184.00000
TT	725	230.4299310	62.4906145	167061.7000000	36.0000000	554.00000
I10	725	3.5351724	12.4714233	2563.0000000	0.0000000	176.50000
I6	725	6.7855172	17.5737651	4919.5000000	0.0000000	182.00000
I15	725	19.1803448	34.0520753	13905.7500000	0.0000000	242.50000
I8	725	7.9282759	12.9407060	5748.0000000	0.0000000	100.50000
I2	725	34.8191034	46.8066107	25243.8500000	0.0000000	302.00000
RK	725	3.5820690	1.2361760	2597.0000000	1.0000000	8.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 725

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.30574	0.46037	0.04914	0.00816	0.23519	0.13403	0.33674	0.28282	0.10013
	0.0001	0.0001	0.1863	0.8265	0.0001	0.0003	0.0001	0.0001	0.0070

- I10 - Consulting
- I6 - Research
- I15 - Medical Administration
- I8 - Medical Meetings/Boards/Committees
- I2 - Outpatient Care

APPENDIX BB

CORRELATION
CORPS (RANK/PROVIDER TIME)

CORRELATION - BRANCH

13:32 THURSDAY, JUNE 13, 1985

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
PCT	439	149.0799544	97.7464365	65446.1000000	0.0000000	528.00000
NPCT	439	71.3437636	51.4562075	31320.0000000	0.0000000	239.00000
NAT	439	32.5182332	37.4659999	14275.5000000	0.0000000	176.00000
TT	439	252.9421412	67.3400823	111041.6000000	36.0000000	554.00000
I10	439	3.9639535	11.9639975	1740.0000000	0.0000000	160.00000
I6	439	9.4447608	19.8124179	4146.2500000	0.0000000	182.00000
I15	439	14.9658314	29.2317110	6570.0000000	0.0000000	160.75000
I8	439	8.5176538	13.3851491	3739.2500000	0.0000000	70.50000
I2	439	46.7570615	48.0613653	20526.3500000	0.0000000	302.00000
RK	439	3.9088838	1.0878693	1716.0000000	3.0000000	8.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 439

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.43073	0.36664	0.08754	-0.29636	0.24235	0.05991	0.45145	0.21151	-0.03489
	0.0001	0.0001	0.0669	0.0001	0.0001	0.2103	0.0001	0.0001	0.4659

- I10 - Consulting
- I6 - Research
- I15 - Medical Administration
- I8 - Medical Meetings/Boards/Committees
- I2 - Outpatient Care

13:32 THURSDAY, JUNE 13, 1985

SAS

BR=ANC

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
PCT	230	109.4393478	62.8764751	25171.0500000	0.0000000	213.50000
NPCT	230	46.1304348	60.7528446	10610.0000000	0.0000000	298.50000
NAT	230	41.6023913	40.1242566	9568.5500000	0.0000000	184.00000
TT	230	197.1721739	33.2551183	45349.6000000	87.5000000	328.50000
I10	230	2.8819217	14.4265318	662.7500000	0.0000000	176.50000
I6	230	1.8956522	12.1694945	436.0000000	0.0000000	160.50000
I15	230	26.0423913	47.1085757	5989.7500000	0.0000000	242.50000
I8	230	6.6456522	12.7436722	1528.5000000	0.0000000	100.50000
I2	230	7.2652174	26.5005518	1671.0000000	0.0000000	180.00000
RK	230	2.9826087	1.3148969	686.0000000	1.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 230

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.48008	0.53502	0.11339	0.20652	0.22589	0.14336	0.42298	0.44754	-0.00974
	0.0001	0.0001	0.0862	0.0016	0.0006	0.0297	0.0001	0.0001	0.8832

13:31 THURSDAY, JUNE 13, 1985

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BR=AMSC	VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
	PCT	20	87.300000	39.3152408	1746.000000	6.000000	167.00000
	NPCT	20	68.075000	38.9623401	1361.500000	12.000000	144.50000
	NAT	20	42.737500	26.7907922	854.750000	2.000000	99.00000
	TT	20	198.112500	14.6690408	3962.250000	182.000000	234.50000
	I10	20	1.575000	3.7179331	31.500000	0.000000	13.00000
	I6	20	10.512500	18.3293113	210.250000	0.000000	75.25000
	I15	20	23.950000	19.1921722	479.000000	3.000000	81.50000
	I8	20	8.762500	6.8405116	175.250000	0.000000	20.00000
	I2	20	30.462500	45.9558051	609.250000	0.000000	167.00000
	RK	20	3.300000	1.1285762	66.000000	1.000000	5.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 20

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.21743	0.16672	0.05105	-0.04665	0.25777	-0.03899	0.33970	-0.43002	-0.07639
	0.3571	0.4824	0.8308	0.8451	0.2725	0.8704	0.1428	0.0584	0.7489

13:32 THURSDAY, JUNE 13, 1985

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BR=MSC	VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
	PCT	36	81.1803556	47.8244039	2922.5000000	0.0000000	161.50000
	NPCT	36	61.0902778	49.2547733	2199.2500000	0.0000000	162.00000
	NAT	36	44.0694444	36.2097861	1586.5000000	1.0000000	146.00000
	TT	36	186.3402778	21.3748979	6708.2500000	117.0000000	236.50000
	I10	36	3.5763889	7.0497770	128.7500000	0.0000000	28.00000
	I6	36	3.5277778	7.7606558	127.0000000	0.0000000	38.50000
	I15	36	24.0833333	26.9996032	867.0000000	0.0000000	104.00000
	I8	36	8.4722222	10.8493175	305.0000000	0.0000000	46.50000
	I2	36	67.7013889	52.6473042	2437.2500000	0.0000000	161.50000
	RK	36	3.9833333	1.0246951	129.0000000	2.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 36

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.28818	0.21588	0.02275	-0.10879	0.31303	-0.00749	0.28167	0.03998	-0.20720
	0.0883	0.2060	0.8952	0.5277	0.0630	0.9654	0.0961	0.8169	0.2253

APPENDIX CC

CORRELATION

DEPARTMENT/SEPARATE SERVICE (RANK/PROVIDER TIME)

13:20 THURSDAY, JUNE 13, 1985

VARIABLE	N	MEAN	STD DEV	SUM	VARIANCE
PCT	8	102.0937500	50.1761073	816.7500000	26.0000000
WCT	8	88.1875000	44.9618390	705.5000000	36.0000000
NACT	8	28.5625000	26.503061	228.5000000	0.0000000
NAT	8	218.8437500	37.4573418	1750.7500000	182.0000000
TT	8	5.8750000	8.6719874	47.0000000	0.0000000
I10	8	27.1250000	27.6931528	217.0000000	0.0000000
I6	8	10.5625000	21.5861025	84.5000000	0.0000000
I15	8	7.0625000	9.0728697	56.5000000	0.0000000
I8	8	76.5000000	26.5060640	612.0000000	26.0000000
I2	8	4.5000000	1.1952386	36.0000000	3.0000000
I5	8				

REGRESSION CORRELATION COEFFICIENTS / PROB > !R! UNDER H0: RHO=0 / N = 8

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RPK	-0.28555	0.34359	0.54451	0.41522	0.59268	0.12516	0.50802	0.33922	0.11273
	0.4930	0.4047	0.1629	0.3063	0.1215	0.7678	0.1987	0.4111	0.7904

110 - Consulting
16 - Research
115 - Medical Administration
18 - Medical Meetings/Boards/Committees
12 - Outpatient Care

SAS

[illegible]

13:20 THURSDAY, JUNE 13, 1985

SAS

DP=DCN	VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
	PC1	222	111.513910	62.6962131	24756.5500000	0.0000000	213.50000
	NPCT	222	49.2950450	61.0733434	10055.5200000	0.0000000	298.50000
	NAT	222	41.0700450	40.2197773	9117.5500000	0.0000000	184.00000
	TT	222	197.8810811	33.4090997	43929.6000000	87.5000000	328.50000
	I10	222	2.8795045	14.6269353	639.2500000	0.0000000	176.50000
	I6	222	1.9481982	12.3826216	432.5000000	0.0000000	160.50000
	I15	222	29.4222973	47.3828084	5643.7500000	0.0000000	242.50000
	I8	222	6.3119369	12.5113678	1401.2500000	0.0000000	100.50000
	I2	222	6.0484234	25.2082765	1342.7500000	0.0000000	180.00000
	RK	222	2.9414414	1.3013024	653.0000000	1.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 222

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.46667	0.53922	0.09285	0.22174	0.22446	0.15250	0.42600	0.43066	-0.03674
	0.0001	0.0001	0.1680	0.0009	0.0008	0.0230	0.0001	0.0001	0.5861

13:20 THURSDAY, JUNE 13, 1985

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DP=DFCCM

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
PCT	23	126.9782609	48.1539855	2920.5000000	16.5000000	194.00000
NPCT	23	26.7717391	30.1492418	615.7500000	4.0000000	146.75000
NAT	23	41.8478261	33.7957383	962.5000000	3.0000000	112.00000
TT	23	195.9978261	24.4583063	4498.7500000	132.2500000	258.25000
I10	23	1.0108696	2.6182036	23.2500000	0.0000000	9.75000
I6	23	0.2826087	0.9393674	6.5000000	0.0000000	3.50000
I15	23	16.3369565	16.0329222	375.7500000	0.0000000	55.00000
I8	23	3.0543478	6.4737040	70.2500000	0.0000000	30.25000
I2	23	126.9782609	48.1539855	2920.5000000	16.5000000	194.00000
RK	23	3.8260870	1.2667845	88.0000000	3.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 23

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.15319	0.49431	-0.01870	0.28188	-0.26322	-0.20511	0.60280	0.47233	-0.15319
	0.4853	0.0165	0.9325	0.1925	0.2249	0.3478	0.0024	0.0229	0.4853

13:20 THURSDAY, JUNE 13, 1985

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DP=HQ

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
PCT	2	1.7500000	2.4748737	3.5000000	0.0000000	3.50000
NPCT	2	168.2500000	11.4672619	336.5000000	160.0000000	176.50000
NAT	2	71.0000000	7.7781746	142.0000000	65.5000000	76.50000
TT	2	241.0000000	16.9709627	482.0000000	229.0000000	253.00000
I10	2	0.0000000	0.0000000	0.0000000	0.0000000	0.00000
I6	2	0.0000000	0.0000000	0.0000000	0.0000000	0.00000
I15	2	153.6250000	10.0762716	307.2500000	146.5000000	160.75000
I8	2	10.1250000	5.1265242	20.2500000	6.5000000	13.75000
I2	2	1.2500000	1.7677670	2.5000000	0.0000000	2.50000
RK	2	7.0000000	1.4142136	14.0000000	6.0000000	8.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 2

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
PA	-1.00000	1.00000	1.00000	1.00000	0.00000	0.00000	1.00000	1.00000	-1.00000

13:20 THURSDAY, JUNE 13, 1985

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DP=HED	VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
	PCT	104	138.0600962	93.8415216	14358.2500000	0.0000000	374.00000
	NPCT	104	80.1081731	48.9043891	8331.2500000	0.0000000	193.00000
	NAT	104	27.0072115	30.2489761	2808.7500000	0.0000000	144.00000
	TT	104	245.1754808	62.7845163	25498.2500000	146.0000000	447.00000
	I10	104	4.4110577	12.5231784	458.7500000	0.0000000	96.00000
	I6	104	17.9495192	23.7366560	1866.7500000	0.0000000	117.00000
	I15	104	15.7500000	23.7352918	1638.0000000	0.0000000	115.00000
	I8	104	5.2692308	8.7306438	548.0000000	0.0000000	45.00000
	I2	104	52.5841345	46.2352392	5468.7500000	0.0000000	302.00000
	RK	104	3.8942308	0.9943361	405.0000000	3.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0 / N = 104

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.57342	0.38258	0.35193	-0.38950	0.45535	0.13864	0.37877	0.14451	-0.13354
	0.0001	0.0001	0.0002	0.0001	0.0001	0.1604	0.0001	0.1433	0.1766

13:20 THURSDAY, JUNE 13, 1985

SAS

DP=NEURO

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
PC1	23	138.7065217	95.9016913	3190.2500000	0.0000000	333.00000
NPCT	23	64.0434783	51.1637096	1473.0000000	0.0000000	160.00000
NAT	23	19.1847826	24.7496806	441.2500000	0.0000000	89.50000
TT	23	221.9347826	73.8176199	5104.5000000	36.0000000	386.25000
I10	23	11.6304348	33.4046191	267.5000000	0.0000000	160.00000
I6	23	3.3043478	10.7763832	76.0000000	0.0000000	50.00000
I15	23	7.0869865	16.4589035	163.0000000	0.0000000	75.00000
I8	23	0.7069217	1.1693340	16.2500000	0.0000000	3.50000
I2	23	45.8152174	48.6158537	1053.7500000	0.0000000	171.00000
RK	23	3.7826087	1.0425721	87.0000000	3.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 23

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.55941	0.13269	0.48342	-0.46752	0.14899	0.12753	0.45875	0.69099	0.07562
	0.0060	0.5462	0.0194	0.0245	0.4975	0.5620	0.0277	0.0003	0.7316

13:20 THURSDAY, JUNE 13, 1985

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DP=QBCVN

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
PCT	14	187.5357143	102.7177732	2625.5000000	51.0000000	388.00000
NPCT	14	69.0000000	41.7787211	966.0000000	23.0000000	144.00000
NAT	14	27.3035714	22.6605763	382.2500000	0.0000000	72.50000
TT	14	283.8392857	75.3394630	3973.7500000	193.0000000	419.00000
I10	14	0.8928571	2.6470489	12.5000000	0.0000000	10.00000
I6	14	6.3214286	10.6619509	88.5000000	0.0000000	33.50000
I15	14	13.7500000	22.2734319	192.5000000	0.0000000	70.50000
I8	14	4.4285714	6.8776393	62.0000000	0.0000000	20.00000
I2	14	63.0000000	62.4263723	882.0000000	0.0000000	199.00000
RK	14	4.1428571	1.2924123	58.0000000	3.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 14

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.80460	0.69878	0.11003	-0.67639	0.47700	0.13597	0.77627	0.24355	-0.35515
	0.0005	0.0054	0.7081	0.0079	0.0846	0.6430	0.0011	0.4014	0.2127

13:20 THURSDAY, JUNE 13, 1985

SAS

DP=PATH

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
PCT	19	97.8815789	71.8408913	1859.7500000	7.0000000	264.00000
NPCT	19	95.3815789	49.6059030	1812.2500000	16.0000000	179.25000
NAT	19	28.7894737	30.1798156	547.0000000	0.0000000	108.50000
TT	19	222.0526316	40.8177333	4219.0000000	176.0000000	307.00000
I10	19	7.8157895	10.7486569	148.5000000	0.0000000	30.00000
I6	19	2.3026316	5.9410173	43.7500000	0.0000000	24.00000
I15	19	23.5926316	36.6322356	447.5000000	0.0000000	116.50000
I8	19	15.3684211	17.0691747	292.0000000	0.0000000	51.50000
I2	19	33.1842105	67.6426909	630.5000000	0.0000000	264.00000
RK	19	3.8421053	0.8983416	73.0000000	3.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 19

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.11695	-0.07181	0.01459	-0.28232	-0.24483	-0.12587	0.35985	-0.22425	0.13353
	0.6335	0.7702	0.9527	0.2416	0.3124	0.6076	0.1302	0.3560	0.5858

13:20 THURSDAY, JUNE 13, 1985

SAS

DP=PEID

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
PCT	29	187.6465517	110.9670864	5441.7500000	49.0000000	380.00000
NPCT	29	72.6206897	57.0641721	2106.0000000	0.0000000	214.50000
NAT	29	39.3000000	38.0704821	1143.5000000	0.0000000	136.00000
TT	29	299.7672414	71.3827746	8693.2500000	201.2500000	438.00000
I10	29	5.6293103	8.5998912	163.2500000	0.0000000	31.00000
I6	29	7.1724138	12.3810597	208.0000000	0.0000000	54.00000
I15	29	17.3534483	28.1919059	503.2500000	0.0000000	105.25000
I8	29	9.5431034	12.7957982	276.7500000	0.0000000	45.00000
I2	29	93.6465517	93.1235721	1555.7500000	0.0000000	195.50000
RK	29	3.9655172	1.2387424	115.0000000	3.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 29

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.59858	0.48461	-0.03981	-0.56245	0.48822	0.11218	0.59607	0.45411	0.12965
	0.0006	0.0074	0.8416	0.0015	0.0072	0.5624	0.0007	0.0133	0.5026

13:20 THURSDAY, JUNE 13, 1985

SAS

DP=PHYSMED

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
PCT	28	83.8750000	46.8592010	2348.5000000	0.0000000	218.00000
NPCT	28	73.5089286	41.0608448	2038.2500000	0.0000000	168.50000
NAT	28	46.7410714	38.9629740	1308.7500000	0.0000000	176.00000
TT	28	204.1250000	23.4871419	5715.5000000	176.0000000	288.00000
I10	28	1.7767857	3.6813716	49.7500000	0.0000000	13.00000
I6	28	9.2053571	16.4182957	257.7500000	0.0000000	75.25000
I15	28	25.3392857	26.8100498	709.5000000	0.0000000	123.50000
I8	28	7.7053571	6.5475558	215.7500000	0.0000000	20.00000
I2	28	30.1160714	36.9708019	843.2500000	0.0000000	136.00000
RK	28	3.4642857	1.1379690	97.0000000	1.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 28

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.21037 0.2826	0.27872 0.1509	-0.01160 0.9533	0.04833 0.8071	0.42349 0.0247	-0.03949 0.8419	0.47902 0.0099	-0.33140 0.0849	0.04225 0.8310

13:21 THURSDAY, JUNE 13, 1985

SAS

DP=PREVHED

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
PCT	5	44.600000	24.4294904	223.0000000	22.0000000	72.00000
NPCT	5	90.1500000	49.5106049	450.7500000	34.2500000	150.00000
NAT	5	92.2000000	43.4663663	261.0000000	14.5000000	125.50000
TT	5	186.9300000	14.78639938	934.7500000	176.0000000	212.00000
I10	5	4.2000000	9.3914855	21.0000000	0.0000000	21.00000
I6	5	0.0000000	0.0000000	0.0000000	0.0000000	0.00000
I15	5	60.6500000	35.5183051	303.2500000	5.7500000	96.50000
I8	5	23.9500000	16.3003067	117.7500000	0.0000000	42.00000
I2	5	27.3500000	24.9723422	136.7500000	10.0000000	70.00000
RK	5	4.6000000	1.3416408	23.0000000	3.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER HC:RHO=0 / N = 5

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.54004	-0.11837	0.65119	0.62569	0.58333	0.00000	-0.49813	0.39839	-0.23925
	0.3475	0.8496	0.2339	0.2589	0.3019	1.0000	0.3931	0.5065	0.6983

13:21 THURSDAY, JUNE 13, 1985

SAS

DP-PSYCH	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
VARIABLE						
PCT	35	59.9642857	30.3563482	2098.7500000	13.5000000	159.50000
NPCT	35	119.1571429	26.9099182	4170.5000000	63.0000000	172.50000
NAT	35	27.2428571	19.4343664	953.5000000	1.0000000	76.00000
TT	35	256.3642857	40.9816289	7222.7500000	125.0000000	310.00000
I10	35	1.2571429	6.7751399	44.0000000	0.0000000	40.00000
I6	35	10.0285714	18.4749205	351.0000000	0.0000000	69.50000
I15	35	31.2928571	18.6256154	1099.2500000	2.0000000	67.00000
I8	35	25.3928571	16.7784313	888.7500000	4.0000000	70.50000
I2	35	38.7142857	24.5519514	1355.0000000	0.0000000	93.00000
RK	35	4.2571429	1.2448212	149.0000000	3.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 35

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RA	-0.54166	-0.00607	0.26939	-0.27733	0.26743	-0.04253	-0.20790	0.21857	-0.28142
	0.0008	0.9724	0.1176	0.1068	0.1204	0.8083	0.2308	0.2071	0.1015

13:21 THURSDAY, JUNE 13, 1985

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DP-SMS

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
PCT	8	63.3125000	41.7628830	506.5000000	0.0000000	105.50000
NPCT	8	64.0937500	47.3912171	512.7500000	9.0000000	155.50000
NAT	8	91.0312500	36.5040207	408.2500000	8.5000000	94.00000
TT	8	178.4375000	26.9847014	1427.5000000	117.0000000	204.50000
I10	8	8.4062500	9.7283987	67.2500000	0.0000000	28.00000
I6	8	0.9375000	2.6516504	7.5000000	0.0000000	7.50000
I15	8	32.9375000	38.6360652	263.5000000	0.0000000	104.00000
I8	8	14.0625000	19.6580365	112.5000000	0.0000000	46.50000
I2	8	28.9687500	39.4783932	231.7500000	0.0000000	105.50000
RK	8	3.8750000	1.1259916	31.0000000	3.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 8

	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
RK	-0.79650	0.63540	0.30683	0.29826	0.01508	0.40371	0.84208	-0.23852	-0.28532
	0.0180	0.0905	0.4598	0.4730	0.9717	0.3213	0.0087	0.5694	0.4534

13:21 THURSDAY, JUNE 13, 1985

SAS

DP=RAD	VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
	PCT	43	123.5697674	52.8367411	5313.5000000	0.0000000	241.00000
	NPCT	43	77.1744186	46.0940916	3318.5000000	0.0000000	204.00000
	NAT	43	36.6744186	32.5903294	1577.0000000	0.0000000	109.00000
	TT	43	237.4186047	46.9172182	10209.0000000	168.5000000	368.00000
	I10	43	5.8720930	12.0776718	232.5000000	0.0000000	51.00000
	I16	43	7.6511628	13.3088473	329.0000000	0.0000000	56.00000
	I15	43	9.5348837	22.4144924	410.0000000	0.0000000	96.00000
	I8	43	9.6976744	18.7137394	417.0000000	0.0000000	64.00000
	I2	43	90.5981395	36.6945980	2174.0000000	0.0000000	199.00000
	RK	43	3.7441860	0.8754053	161.0000000	3.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 43

	PCT	NPCT	NAT	TT	I10	I16	I15	I8	I2
PA	-0.34707	0.10970	-0.06099	-0.32545	0.14321	0.11069	0.40818	0.29166	-0.37869
	0.0226	0.4837	0.6976	0.0332	0.3596	0.4798	0.0066	0.0577	0.0130

13:21 THURSDAY, JUNE 13, 1985

SAS

DP=SURO

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIM
PCT	160	179.4287500	104.6074415	28708.6000000	0.0000000	528.00000
NPCT	160	52.2921875	48.8192177	8366.7500000	0.0000000	239.00000
NAT	160	37.3656250	46.7189752	5978.5000000	0.0000000	176.00000
TT	160	269.0865625	72.1138828	43053.8500000	133.0000000	554.00000
I10	160	2.2093750	6.6979350	353.5000000	0.0000000	49.00000
I6	160	6.4703125	18.8327915	1035.2500000	0.0000000	182.00000
I15	160	10.2296875	19.3883064	1636.7500000	0.0000000	135.00000
I8	160	7.6656250	11.7106053	1226.5000000	0.0000000	53.00000
I2	160	37.3037500	44.3295547	5968.6000000	0.0000000	186.60000
RK	160	3.7312500	1.0323197	597.0000000	2.0000000	6.00000

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER H0: RHO=0 / N = 160

RK	PCT	NPCT	NAT	TT	I10	I6	I15	I8	I2
	-0.25085	0.38241	-0.01940	-0.11758	0.44730	-0.00146	0.33580	0.18228	0.01320
	0.0014	0.0001	0.8076	0.1387	0.0001	0.9853	0.0001	0.0211	0.8684

APPENDIX DD

ANOVA TESTING
BRANCH
PCT

SAS

14 38 WEDNESDAY, JUNE 19, 1985

ANALYSIS OF VARIANCE PROCEDURE

CLASS LEVEL INFORMATION

CLASS	LEVELS	VALUES
BR	4	AMSC ANC MC MSC

NUMBER OF OBSERVATIONS IN DATA SET = 725

SAS

14:39 WEDNESDAY, JUNE 19, 1985

ANALYSIS OF VARIANCE PROCEDURE

DEPENDENT VARIABLE: PCT

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C
MODEL	3	377832.46794088	125944.15598029	17.46	0.0001	0.067743	64.6
ERROR	721	5199573.41139015	7211.61360803		ROOT MSE		PCT M
CORRECTED TOTAL	724	5577405.87933103			84.92122001		131.42848

SOURCE	DF	ANOVA SS	F VALUE	PR > F
ER	3	377832.46794088	17.46	0.0001

SAS

14.39 WEDNESDAY, JUNE 19, 1985

ANALYSIS OF VARIANCE PROCEDURE

T TESTS (LSD) FOR VARIABLE: PCT
NOTE: THIS TEST CONTROLS THE TYPE I COMPARISONWISE ERROR RATE,
NOT THE EXPERIMENTWISE ERROR RATE.

ALPHA=0.05 CONFIDENCE=0.95 DF=721 MSE=7211.61
CRITICAL VALUE OF T=1.96326

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

BR COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
MC - ANC	26.070	39.641	53.212	***
MC - AMSC	23.660	61.780	99.900	***
MC - MSC	38.995	67.899	96.803	***
ANC - MC	-53.212	-39.641	-26.070	***
ANC - AMSC	-16.728	22.139	61.007	
ANC - MSC	-1.624	28.259	58.141	
AMSC - MC	-99.900	-61.780	-23.660	***
AMSC - ANC	-61.007	-22.139	16.728	
AMSC - MSC	-40.377	6.119	52.616	
MSC - MC	-96.803	-67.899	-38.995	***
MSC - ANC	-58.141	-28.259	1.624	
MSC - AMSC	-52.616	-6.119	40.377	

SAS

14:39 WEDNESDAY, JUNE 19, 1985

ANALYSIS OF VARIANCE PROCEDURE

TUKEY'S STUDENTIZED RANGE (HSD) TEST FOR VARIABLE: PCT
 NOTE: THIS TEST CONTROLS THE TYPE I EXPERIMENTWISE ERROR RATE

ALPHA=0.05 CONFIDENCE=0.95 DF=721 MSE=7211.61
 CRITICAL VALUE OF STUDENTIZED RANGE=3.642

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

SR COMPARISON	SIMULTANEOUS CONFIDENCE LIMIT		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS CONFIDENCE LIMIT		
	LOWER LIMIT	UPPER LIMIT		LOWER LIMIT	UPPER LIMIT	
MC - ANC	21.841	57.440	39.641	21.841	57.440	***
MC - AMSC	11.781	111.779	61.780	11.781	111.779	***
MC - MSC	29.989	105.810	67.899	29.989	105.810	***
ANC - MC	-57.440	-21.841	-39.641	-57.440	-21.841	***
ANC - AMSC	-28.840	73.118	22.139	-28.840	73.118	
ANC - MSC	-10.936	67.453	28.259	-10.936	67.453	
AMSC - MC	-111.779	-11.781	-61.780	-111.779	-11.781	***
AMSC - ANC	-73.118	28.840	-22.139	-73.118	28.840	
AMSC - MSC	-54.866	67.105	6.119	-54.866	67.105	
MSC - MC	-105.810	-29.989	-67.899	-105.810	-29.989	***
MSC - ANC	-67.453	10.936	-28.259	-67.453	10.936	
MSC - AMSC	-67.105	54.866	-6.119	-67.105	54.866	

APPENDIX EE

ANOVA TESTING
BRANCH
NPCT

14:43 WEDNESDAY, J , 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

CLASS LEVEL INFORMATION

CLASS	LEVELS	VALUES
BR	4	AMSC ANC MC MSC

NUMBER OF OBSERVATIONS IN DATA SET = 725

SAS

14:44 WEDNESDAY, J , 1985

ANALYSIS OF VARIANCE PROCEDURE

DEPENDENT VARIABLE: NPCT

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C
MODEL	3	96617.43252905	32205.81084302	10.96	0.0001	0.043614	86.3
ERROR	721	2118688.93005716	2938.54220535		ROOT MSE		NPCT M
CORRECTED TOTAL	724	2215306.36258621			54.20832229		74586

SOURCE	DF	ANOVA SS	F VALUE	PR > F
BR	3	96617.43252905	10.96	0.0001

SAS

ANALYSIS OF VARIANCE PROCEDURE

T TESTS (LSD) FOR VARIABLE: NPCT

NOTE: THIS TEST CONTROLS THE TYPE I COMPARISONWISE ERROR RATE,
NOT THE EXPERIMENTWISE ERROR RATE.ALPHA=0.05 CONFIDENCE=0.95 DF=721 MSE=2938.54
CRITICAL VALUE OF T=1.96326

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

BR COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
MC - AMSC	-21.064	3.269	27.602	
MC - MSC	-8.197	10.254	28.704	
MC - ANC	16.551	25.214	33.876	***
AMSC - MC	-27.602	-3.269	21.064	
AMSC - MSC	-22.696	6.985	36.665	
AMSC - ANC	-2.866	21.945	46.755	
MSC - MC	-28.704	-10.254	8.197	
MSC - AMSC	-36.665	-6.985	22.696	
MSC - ANC	-4.115	14.960	34.035	
ANC - MC	-33.876	-25.214	-16.551	***
ANC - AMSC	-46.755	-21.945	2.866	
ANC - MSC	-34.035	-14.960	4.115	

SAS

14:44 WEDNESDAY, J 19, 1985

ANALYSIS OF VARIANCE PROCEDURE

TUKEY'S STUDENTIZED RANGE (HSD) TEST FOR VARIABLE: NPCT
 NOTE: THIS TEST CONTROLS THE TYPE I EXPERIMENTWISE ERROR RATE

ALPHA=0.05 CONFIDENCE=0.95 DF=721 MSE=2938.54
 CRITICAL VALUE OF STUDENTIZED RANGE=3.642

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

BR COMPARISON	SIMULTANEOUS CONFIDENCE LIMIT		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS CONFIDENCE LIMIT		
	LOWER	UPPER		LOWER	UPPER	
MC - AMSC	-28.647	3.269	3.269	35.185		
MC - MSC	-13.946	10.254	10.254	34.454		
MC - ANC	13.851	25.214	25.214	36.576		***
AMSC - MC	-35.185	-3.269	-3.269	28.647		
AMSC - MSC	-31.945	6.985	6.985	45.914		
AMSC - ANC	-10.597	21.945	21.945	54.486		
MSC - MC	-34.454	-10.254	-10.254	13.946		
MSC - AMSC	-45.914	-6.985	-6.985	31.945		
MSC - ANC	-10.059	14.960	14.960	39.979		
ANC - MC	-36.576	-25.214	-25.214	-13.851		***
ANC - AMSC	-54.486	-21.945	-21.945	10.597		
ANC - MSC	-39.979	-14.960	-14.960	10.059		

14:49 WEDNESDAY, JUN 19, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

CLASS LEVEL INFORMATION

CLASS	LEVELS	VALUES
BR	4	AMSC ANC MC MSC

NUMBER OF OBSERVATIONS IN DATA SET = 725

APPENDIX FF

ANOVA TESTING
BRANCH
NAT

14:49 WEDNESDAY, JUNE 19, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DEPENDENT VARIABLE: NAT

	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C
SOURCE							
MODEL	3	15745.54871307	5248.51623769	3.63	0.0128	0.014871	104.9
ERROR	721	1043028.40616279	1446.64134003		ROOT MSE		NAT M
CORRECTED TOTAL	724	1058773.95487586			38.03473860		36.25558

	DF	ANOVA SS	F VALUE	PR > F
SOURCE				
ERR	3	15745.54871307	3.63	0.0128

14 50 WEDNESDAY, JUNE 19, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

T TESTS (LSD) FOR VARIABLE: NAT
NOTE: THIS TEST CONTROLS THE TYPE I COMPARISONWISE ERROR RATE.
NOT THE EXPERIMENTWISE ERROR RATE.

ALPHA=0.05 CONFIDENCE=0.95 DF=721 MSE=1446.64
CRITICAL VALUE OF T=1.96326

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

BR COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
MSC - AMSC	-19.493	1.332	22.157	
MSC - ANC	-10.917	2.467	15.851	
MSC - MC	-1.394	11.551	24.497	
AMSC - MSC	-22.157	-1.332	19.493	
AMSC - ANC	-16.273	1.135	18.543	
AMSC - MC	-6.854	10.219	27.293	
ANC - MSC	-15.851	-2.467	10.917	
ANC - AMSC	-18.543	-1.135	16.273	
ANC - MC	3.006	9.084	15.162	***
MC - MSC	-24.497	-11.551	1.394	
MC - AMSC	-27.293	-10.219	6.854	
MC - ANC	-15.162	-9.084	-3.006	***

14:50 WEDNESDAY, JUNE 19, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

TUKEY'S STUDENTIZED RANGE (HSD) TEST FOR VARIABLE: NAT
NOTE: THIS TEST CONTROLS THE TYPE I EXPERIMENTWISE ERROR RATE

ALPHA=0.05 CONFIDENCE=0.95 DF=721 MSE=1446.64
CRITICAL VALUE OF STUDENTIZED RANGE=3.642

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

BR COMPARISON	SIMULTANEOUS		DIFFERENCE		SIMULTANEOUS	
	LOWER CONFIDENCE LIMIT		BETWEEN MEANS		UPPER CONFIDENCE LIMIT	
MSC - AMSC	-25.982		1.332		28.646	
MSC - ANC	-15.087		2.467		20.022	
MSC - MC	-5.428		11.551		28.531	
AMSC - MSC	-28.646		-1.332		25.982	
AMSC - ANC	-21.697		1.135		23.968	
AMSC - MC	-12.174		10.219		32.613	
ANC - MSC	-20.022		-2.467		15.087	
ANC - AMSC	-23.968		-1.135		21.697	
ANC - MC	1.112		9.084		17.056	***
MC - MSC	-28.531		-11.551		5.428	
MC - AMSC	-32.613		-10.219		12.174	
MC - ANC	-17.056		-9.084		-1.112	***

APPENDIX GG

ANOVA TESTING
BRANCH
TT

14 24 WEDNESDAY, JUNE 19, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

CLASS LEVEL INFORMATION

CLASS	LEVELS	VALUES

BR	4	AMSC ANC MC MSC

NUMBER OF OBSERVATIONS IN DATA SET = 725

SAS 14 25 WEDNESDAY, JUNE 19, 1985

ANALYSIS OF VARIANCE PROCEDURE

DEPENDENT VARIABLE TT

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C
MODEL	3	567751.69972404	189250.56657468	60.39	0.0001	0.200812	24.2
ERROR	721	2259523.98077251	3133.87514670		ROOT MSE		TT M
CORRECTED TOTAL	724	2827275.68049655			55.98102488		230.42993

SOURCE	DF	ANOVA SS	F VALUE	PR > F
ERR	3	567751.69972404	60.39	0.0001

SAS

14:25 WEDNESDAY, JUNE 19, 1985

ANALYSIS OF VARIANCE PROCEDURE

TUKEY'S STUDENTIZED RANGE (HSD) TEST FOR VARIABLE: TT
 NOTE: THIS TEST CONTROLS THE TYPE I EXPERIMENTWISE ERROR RATE

ALPHA=0.05 CONFIDENCE=0.95 DF=721 MSE=3133.88
 CRITICAL VALUE OF STUDENTIZED RANGE=3.642

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

BR COMPARISON	SIMULTANEOUS		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS		
	LOWER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT		LOWER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT	
MC - AMSC	21.870	87.789	54.830	21.870	87.789	***
MC - ANC	44.036	67.504	55.770	44.036	67.504	***
MC - MSC	41.611	91.593	66.602	41.611	91.593	***
AMSC - MC	-87.789	-21.870	-54.830	-87.789	-21.870	***
AMSC - ANC	-32.666	34.546	0.940	-32.666	34.546	
AMSC - MSC	-28.430	51.975	11.772	-28.430	51.975	
ANC - MC	-67.504	-44.036	-55.770	-67.504	-44.036	***
ANC - AMSC	-34.546	32.666	-0.940	-34.546	32.666	
ANC - MSC	-15.006	36.669	10.832	-15.006	36.669	
MSC - MC	-91.593	-41.611	-66.602	-91.593	-41.611	***
MSC - AMSC	-51.975	28.430	-11.772	-51.975	28.430	
MSC - ANC	-36.669	15.006	-10.832	-36.669	15.006	

14:25 WEDNESDAY, JUNE 19, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

T TESTS (LSD) FOR VARIABLE: TT
NOTE: THIS TEST CONTROLS THE TYPE I COMPARISONWISE ERROR RATE,
NOT THE EXPERIMENTWISE ERROR RATE.

ALPHA=0.05 CONFIDENCE=0.95 DF=721 MSE=3133.88
CRITICAL VALUE OF T=1.96326

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

BR COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
MC - AMSC	29.700	54.830	79.959	***
MC - ANC	46.824	55.770	64.716	***
MC - MSC	47.548	66.602	85.656	***
AMSC - MC	-79.959	-54.830	-29.700	***
AMSC - ANC	-24.681	0.940	26.562	
AMSC - MSC	-18.879	11.772	42.423	
ANC - MC	-64.716	-55.770	-46.824	***
ANC - AMSC	-26.562	-0.940	24.681	
ANC - MSC	-8.867	10.832	30.531	
MSC - MC	-85.656	-66.602	-47.548	***
MSC - AMSC	-42.423	-11.772	18.879	
MSC - ANC	-30.531	-10.832	8.867	

APPENDIX HH

ANOVA TESTING
GRADE
PCT

15:55 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

CLASS LEVEL INFORMATION

CLASS	LEVELS	VALUES
RK	7	01 02 03 04 05 06 08

NUMBER OF OBSERVATIONS IN DATA SET = 725

15:56 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DEPENDENT VARIABLE: PCI

	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C
MODEL	6	889220.40621219	148203.40103536	22.70	0.0001	0.159433	61.4
ERROR	718	4688185.47311885	6529.50622997		ROOT MSE		PCT M
CORRECTED TOTAL	724	5577405.87933103			80.80536016		131.42848
SOURCE	DF	ANOVA SS	F VALUE	PR > F			
	6	889220.40621219	22.70	0.0001			

15.56 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

T TESTS (LSD) FOR VARIABLE: PCT
NOTE: THIS TEST CONTROLS THE TYPE I COMPARISONWISE ERROR RATE,
NOT THE EXPERIMENTWISE ERROR RATE.

ALPHA=0.05 CONFIDENCE=0.95 DF=718 MSE=6.29.51
CRITICAL VALUE OF T=1.96327

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

RK COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
03 - 02	-0.032	26.293	32.618	***
03 - 01	10.817	36.862	62.908	***
03 - 04	33.878	48.866	63.853	***
03 - 05	66.617	86.362	106.107	***
03 - 06	72.060	93.129	114.198	***
03 - 08	6.559	165.451	324.344	***
02 - 03	-52.618	-26.293	0.032	
02 - 01	-24.260	10.569	45.398	
02 - 04	-4.983	22.573	50.128	
02 - 05	29.663	60.069	90.476	***
02 - 06	35.534	66.836	98.119	***
02 - 08	-21.407	139.159	299.725	
01 - 03	-62.908	-36.862	-10.817	***
01 - 02	-45.398	-10.569	24.260	
01 - 04	-15.286	12.003	39.293	
01 - 05	19.335	49.500	79.665	***
01 - 06	25.219	56.257	87.315	***
01 - 08	-31.931	128.589	289.110	
04 - 03	-63.853	-48.866	-33.878	***
04 - 02	-50.128	-22.573	4.983	
04 - 01	-39.293	-12.003	15.286	
04 - 05	16.138	37.496	58.855	***
04 - 06	21.675	44.263	66.852	***
04 - 08	-42.515	116.586	273.687	
05 - 03	-106.107	-86.362	-66.617	***
05 - 02	-90.476	-60.069	-29.663	***
05 - 01	-79.665	-49.500	-19.335	***
05 - 04	-98.855	-37.496	-16.138	***
05 - 06	-19.223	6.767	32.757	
05 - 08	-80.530	79.090	238.709	
06 - 03	-114.198	-93.129	-72.060	***
06 - 02	-98.119	-66.836	-35.534	***
06 - 01	-87.315	-56.267	-25.219	***
06 - 04	-66.852	-44.263	-21.675	***
06 - 05	-32.757	-6.767	19.223	
06 - 08	-87.466	72.322	232.111	

15:56 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

RK COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
08 - 03	-324.344	-163.451	-6.539	***
08 - 02	-299.725	-139.159	21.407	
08 - 01	-289.110	-128.589	31.931	
08 - 04	-275.687	-116.586	42.515	
08 - 05	-238.709	-79.090	80.530	
08 - 06	-232.111	-72.322	87.466	

ANALYSIS OF VARIANCE PROCEDURE

TUKEY'S STUDENTIZED RANGE (HSD) TEST FOR VARIABLE: PCT
 NOTE: THIS TEST CONTROLS THE TYPE I EXPERIMENTWISE ERROR RATE

ALPHA=0.05 CONFIDENCE=0.95 DF=718 MSE=6529.51
 CRITICAL VALUE OF STUDENTIZED RANGE=4.181

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY ***

RK COMPARISON	SIMULTANEOUS CONFIDENCE LIMIT		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS UPPER CONFIDENCE LIMIT		
	LOWER LIMIT					
03 - 02	-13.353	26.293	65.938			
03 - 01	-2.363	36.862	76.087			***
03 - 04	26.294	48.866	71.437			***
03 - 05	56.626	86.362	116.098			***
03 - 06	61.399	93.129	124.859			***
03 - 08	-73.843	165.451	404.746			
02 - 03	-65.938	-26.293	13.353			
02 - 01	-41.884	10.569	63.023			
02 - 04	-18.927	22.573	64.072			
02 - 05	14.276	60.069	105.862			***
02 - 06	19.724	66.836	113.948			***
02 - 08	-102.657	139.159	380.974			
01 - 03	-76.087	-36.862	2.363			
01 - 02	-63.023	-10.569	41.884			
01 - 04	-29.095	12.003	53.102			
01 - 05	4.070	49.500	94.929			***
01 - 06	9.508	56.267	103.026			***
01 - 08	-113.158	128.589	370.336			
04 - 03	-71.437	-48.866	-26.294			***
04 - 02	-64.072	-22.573	18.927			
04 - 01	-53.102	-12.003	29.095			
04 - 05	5.330	37.496	69.663			***
04 - 06	10.245	44.263	78.282			***
04 - 08	-123.023	116.586	356.195			
05 - 03	-116.098	-86.362	-56.626			***
05 - 02	-105.862	-60.069	-14.276			***
05 - 01	-94.929	-49.500	-4.070			***
05 - 04	-69.663	-37.496	-5.330			***
05 - 06	-32.374	-6.767	45.908			
05 - 08	-161.300	79.090	319.479			
06 - 03	-124.859	-93.129	-61.399			***
06 - 02	-113.948	-66.836	-19.724			***
06 - 01	-103.026	-56.267	-9.508			***
06 - 04	-78.282	-44.263	-10.245			***
06 - 05	-45.908	-6.767	32.374			
06 - 08	-168.322	72.322	312.967			

15:56 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

RK COMPARISON	SIMULTANEOUS CONFIDENCE		DIFFERENCE BETWEEN MEANS		SIMULTANEOUS CONFIDENCE	
	LOWER LIMIT				UPPER LIMIT	
08 - 03	-404.746		-165.451		73.843	
08 - 02	-380.974		-139.159		102.657	
08 - 01	-370.336		-128.589		113.158	
08 - 04	-356.195		-116.586		123.023	
08 - 05	-319.479		-79.090		161.300	
08 - 06	-312.967		-72.322		168.322	

APPENDIX II

ANOVA TESTING
GRADE
NPCT

SAS

15:21 TUESDAY, JUNE 18, 1985

ANALYSIS OF VARIANCE PROCEDURE

CLASS LEVEL INFORMATION

CLASS	LEVELS	VALUES
RK	7	01 02 03 04 05 06 08

NUMBER OF OBSERVATIONS IN DATA SET = 725

15:21 TUESDAY, JUNE 18, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DEPENDENT VARIABLE: NPCT

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C
MODEL	6	489306.33925545	81551.05654258	33.92	0.0001	0.220875	78.1
ERROR	718	1726000.02333076	2403.89975394		ROOT MSE		NPCT M
CORRECTED TOTAL	724	2215306.36258621			49.02958040		62.74586
SOURCE	DF	ANOVA SS	F VALUE	PR > F			
RK	6	489306.33925545	33.92	0.0001			

15:22 TUESDAY, JUNE 18, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

T TESTS (LSD) FOR VARIABLE: NPCT
NOTE: THIS TEST CONTROLS THE TYPE I COMPARISONWISE ERROR RATE,
NOT THE EXPERIMENTWISE ERROR RATE.

ALPHA=0.05 CONFIDENCE=0.95 DF=718 MSE=2403.9
CRITICAL VALUE OF T=1.96327

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

RK COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
08 - 06	-27.685	69.268	166.222	
08 - 05	-22.919	73.932	170.783	
08 - 04	10.001	106.538	203.074	***
08 - 03	30.398	126.808	223.218	***
08 - 02	57.739	155.165	252.590	***
08 - 01	59.412	156.810	254.207	***
06 - 08	-166.222	-69.268	27.685	
06 - 05	-11.106	4.664	20.433	
06 - 04	23.564	37.269	50.775	***
06 - 03	44.756	57.540	70.324	***
06 - 02	66.916	85.897	104.878	***
06 - 01	68.703	87.541	106.380	***
05 - 08	-170.783	-73.932	22.919	
05 - 06	-20.433	-4.664	11.106	
05 - 04	19.646	32.605	45.565	***
05 - 03	40.896	52.876	64.856	***
05 - 02	62.783	81.233	99.682	***
05 - 01	64.574	82.877	101.181	***
04 - 08	-203.074	-106.538	-10.001	***
04 - 06	-50.975	-37.269	-23.364	***
04 - 05	-45.565	-32.605	-19.646	***
04 - 03	11.177	20.271	29.364	***
04 - 02	31.907	48.627	65.347	***
04 - 01	33.714	50.272	66.830	***
03 - 08	-223.218	-126.808	-30.398	***
03 - 06	-70.324	-57.540	-44.756	***
03 - 05	-64.856	-52.876	-40.896	***
03 - 04	-29.364	-20.271	-11.177	***
03 - 02	12.384	28.356	44.329	***
03 - 01	14.198	30.001	45.805	***
02 - 08	-252.590	-155.165	-57.739	***
02 - 06	-104.878	-85.897	-66.916	***
02 - 05	-99.682	-81.233	-62.783	***
02 - 04	-62.347	-48.627	-31.907	***
02 - 03	-44.329	-28.356	-12.384	***
02 - 01	-19.488	1.645	22.778	

15:22 TUESDAY, JUNE 18, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

RK COMPARISON	LOWER CONFIDENCE		DIFFERENCE BETWEEN MEANS		UPPER CONFIDENCE		
	LIMIT		LIMIT		LIMIT		
01 - 08	-254.207		-156.810		-59.412		***
01 - 06	-106.380		-87.941		-68.703		***
01 - 05	-101.181		-82.877		-64.574		***
01 - 04	-66.830		-50.272		-33.714		***
01 - 03	-45.805		-30.001		-14.198		***
01 - 02	-22.778		-1.645		19.488		

SAS

15:22 TUESDAY, JUNE 18, 1985

ANALYSIS OF VARIANCE PROCEDURE

TUKEY'S STUDENTIZED RANGE (HSD) TEST FOR VARIABLE: NPCT
 NOTE: THIS TEST CONTROLS THE TYPE I EXPERIMENTWISE ERROR RATE

ALPHA=0.05 CONFIDENCE=0.95 DF=718 MSE=2403.9
 CRITICAL VALUE OF STUDENTIZED RANGE=4.181

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

RK COMPARISON	SIMULTANEOUS		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS		
	LOWER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT		LOWER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT	
08 - 06	-76.746	69.268		-76.746	215.282	
08 - 05	-71.927	73.932		-71.927	219.791	
08 - 04	-38.848	106.538		-38.848	251.923	
08 - 03	-18.387	126.808		-18.387	272.003	
08 - 02	8.440	155.165		8.440	301.889	***
08 - 01	10.127	156.810		10.127	303.492	***
06 - 08	-215.282	-69.268		-215.282	76.746	
06 - 05	-19.085	4.664		-19.085	28.413	
06 - 04	16.629	37.269		16.629	57.910	***
06 - 03	38.288	57.540		38.288	76.793	***
06 - 02	57.311	85.897		57.311	114.482	***
06 - 01	59.170	87.541		59.170	115.913	***
05 - 08	-219.791	-73.932		-219.791	71.927	
05 - 06	-28.413	-4.664		-28.413	19.085	
05 - 04	13.088	32.605		13.088	52.123	***
05 - 03	34.833	52.876		34.833	70.919	***
05 - 02	53.447	81.233		53.447	109.018	***
05 - 01	55.313	82.877		55.313	110.442	***
04 - 08	-251.923	-106.538		-251.923	38.848	
04 - 06	-57.910	-37.269		-57.910	-16.629	***
04 - 05	-52.123	-32.605		-52.123	-13.088	***
04 - 03	6.575	20.271		6.575	33.966	***
04 - 02	23.447	48.627		23.447	73.807	***
04 - 01	25.335	50.272		25.335	75.209	***
03 - 08	-272.003	-126.808		-272.003	18.387	
03 - 06	-76.793	-57.540		-76.793	-38.288	***
03 - 05	-70.919	-52.876		-70.919	-34.833	***
03 - 04	-33.966	-20.271		-33.966	-6.575	***
03 - 02	4.301	28.356		4.301	52.412	***
03 - 01	6.201	30.001		6.201	53.802	***
02 - 08	-301.889	-155.165		-301.889	-8.440	***
02 - 06	-114.482	-85.897		-114.482	-57.311	***
02 - 05	-109.018	-81.233		-109.018	-53.447	***
02 - 04	-73.807	-48.627		-73.807	-23.447	***
02 - 03	-52.412	-28.356		-52.412	-4.301	***
02 - 01	-30.182	1.645		-30.182	33.472	***

15:22 TUESDAY, JUNE 18, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

RK COMPARISON	SIMULTANEOUS LOWER CONFIDENCE		DIFFERENCE BETWEEN MEANS		SIMULTANEOUS UPPER CONFIDENCE		
	LIMIT				LIMIT		
01 - 08	-303.492		-156.810		-10.127		***
01 - 06	-115.913		-87.541		-59.170		***
01 - 05	-110.442		-82.877		-55.313		***
01 - 04	-75.209		-50.272		-25.335		***
01 - 03	-53.802		-30.001		-6.201		***
01 - 02	-33.472		-1.645		30.182		

APPENDIX JJ

ANOVA TESTING
GRADE
NAT

15 28 TUESDAY, JUNE 18, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

CLASS LEVEL INFORMATION

CLASS	LEVELS	VALUES

RK	7	01 02 03 04 05 06 08

NUMBER OF OBSERVATIONS IN DATA SET = 725

15:28 TUESDAY, JUNE 18, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DEPENDENT VARIABLE: NAT

	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C
SOURCE							
MODEL	6	8516.38187210	1419.39697868	0.97	0.4443	0.008044	105.4
ERROR	718	1090257.57300376	1462.75427995		ROOT MSE		NAT M
CORRECTED TOTAL	724	1098773.95487586			38.24597077		36.25558
SOURCE	DF	ANOVA SS	F VALUE	PR > F			
RA	6	8516.38187210	0.97	0.4443			

SAS

15 28 TUESDAY, JUNE 18, 1985

ANALYSIS OF VARIANCE PROCEDURE

T TESTS (LSD) FOR VARIABLE: NAT
 NOTE: THIS TEST CONTROLS THE TYPE I COMPARISONWISE ERROR RATE.
 NOT THE EXPERIMENTWISE ERROR RATE.

ALPHA=0.05 CONFIDENCE=0.95 DF=718 MSE=1462.75
 CRITICAL VALUE OF T=1.96327

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

RK	COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT
08	- 06	-43.216	32.413	108.042
08	- 01	-39.977	36.399	112.375
08	- 04	-35.642	39.662	114.966
08	- 03	-35.306	40.244	115.793
08	- 02	-33.760	42.238	118.235
08	- 03	-32.567	42.638	117.843
06	- 08	-108.042	-32.413	43.216
06	- 01	-10.710	3.986	18.681
06	- 04	-3.442	7.249	17.940
06	- 03	-4.470	7.831	20.132
06	- 02	-4.982	9.825	24.631
06	- 03	0.253	10.225	20.197

01	- 08	-112.375	-36.399	39.577
01	- 06	-18.681	-3.986	10.710
01	- 04	-9.653	3.263	16.179
01	- 05	-10.432	3.845	18.123
01	- 02	-10.646	5.839	22.324
01	- 03	-6.088	6.239	18.567
04	- 08	-114.966	-39.662	35.642
04	- 06	-17.940	-7.249	3.442
04	- 01	-16.179	-3.263	9.653
04	- 05	-9.527	0.582	10.691
04	- 02	-10.466	2.576	15.618
04	- 03	-4.117	2.976	10.070
05	- 08	-115.793	-40.244	35.306
05	- 06	-20.132	-7.831	4.470
05	- 01	-18.123	-3.845	10.432
05	- 04	-10.691	-0.582	9.527
05	- 02	-12.398	1.994	16.386
05	- 03	-6.951	2.394	11.740
02	- 08	-118.235	-42.238	33.760
02	- 06	-24.631	-9.825	4.982
02	- 01	-22.324	-5.839	10.646
02	- 04	-15.618	-2.576	10.466
02	- 05	-16.386	-1.994	12.398
02	- 03	-12.059	0.400	12.860

SAS

13:28 TUESDAY, JUNE 18, 1985

ANALYSIS OF VARIANCE PROCEDURE

RK COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
03 - 08	-117.843	-42.638	32.567	
03 - 06	-20.197	-10.225	-0.253	***
03 - 01	-18.567	-6.239	6.088	
03 - 04	-10.070	-2.976	4.117	
03 - 05	-11.740	-2.394	6.951	
03 - 02	-12.860	-0.400	12.059	

SAS

15:28 TUESDAY, JUNE 18, 1985

ANALYSIS OF VARIANCE PROCEDURE

TUKEY'S STUDENTIZED RANGE (HSD) TEST FOR VARIABLE: NAT
 NOTE: THIS TEST CONTROLS THE TYPE I EXPERIMENTWISE ERROR RATE

ALPHA=0.05 CONFIDENCE=0.95 DF=718 MSE=1462.75
 CRITICAL VALUE OF STUDENTIZED RANGE=4.181

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

RK COMPARISON	SIMULTANEOUS CONFIDENCE LIMIT		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS UPPER CONFIDENCE LIMIT	
	LOWER LIMIT				
08 - 06	-81.486		32.413	146.312	
08 - 01	-78.022		36.399	150.820	
08 - 04	-73.747		39.662	153.071	
08 - 05	-73.935		40.244	154.023	
08 - 02	-72.216		42.238	156.691	
08 - 03	-70.622		42.638	155.899	
06 - 08	-146.312		-32.413	81.486	
06 - 01	-18.146		3.986	26.117	
06 - 04	-8.852		7.249	23.350	
06 - 05	-10.695		7.831	26.357	
06 - 02	-12.474		9.825	32.123	
06 - 03	-4.793		10.225	25.243	
01 - 08	-150.820		-36.399	78.022	
01 - 06	-26.117		-3.986	18.146	
01 - 04	-16.189		3.263	22.715	
01 - 05	-17.657		3.845	25.347	
01 - 02	-18.988		5.839	30.666	
01 - 03	-12.326		6.239	24.805	
04 - 08	-153.071		-39.662	73.747	
04 - 06	-23.350		-7.249	8.852	
04 - 01	-22.715		-3.263	16.189	
04 - 05	-14.643		0.582	15.807	
04 - 02	-17.066		2.576	22.218	
04 - 03	-7.707		2.976	13.660	
05 - 08	-154.023		-40.244	73.535	
05 - 06	-26.357		-7.831	10.695	
05 - 01	-23.347		-3.845	17.637	
05 - 04	-15.807		-0.582	14.643	
05 - 02	-19.680		1.994	23.668	
05 - 03	-11.680		2.394	16.469	
02 - 08	-156.691		-42.238	72.216	
02 - 06	-32.123		-9.825	12.474	
02 - 01	-30.666		-5.839	18.988	
02 - 04	-22.218		-2.576	17.066	
02 - 05	-23.668		-1.994	19.680	
02 - 03	-18.364		0.400	19.165	

15:28 TUESDAY, JUNE 18, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

RK COMPARISON	SIMULTANEOUS LOWER CONFIDENCE		DIFFERENCE BETWEEN MEANS		SIMULTANEOUS UPPER CONFIDENCE LIMIT	
	LIMIT					
03 - 08	-199.899		-42.638		70.622	
03 - 06	-29.243		-10.225		4.793	
03 - 01	-24.805		-6.239		12.326	
03 - 04	-13.660		-2.976		7.707	
03 - 03	-16.469		-2.394		11.680	
03 - 02	-19.165		-0.400		18.364	

APPENDIX KK

ANOVA TESTING
GRADE
TT

15:35 TUESDAY, JUNE 18, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

CLASS LEVEL INFORMATION

CLASS	LEVELS	VALUES
RK	7	01 02 03 04 05 06 08

NUMBER OF OBSERVATIONS IN DATA SET = 723

SAS

15:35 TUESDAY, JUNE 18, 1985

ANALYSIS OF VARIANCE PROCEDURE

DEPENDENT VARIABLE: TT

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C
MODEL	6	261120.74738698	43520.12456450	12.18	0.0001	0.092358	25.9
ERROR	718	2566154.93310957	3574.03194026		ROOT MSE		TT M
CORRECTED TOTAL	724	2827275.68049655			59.78320785		230.42993

SOURCE	DF	ANOVA SS	F VALUE	PR > F
PK	6	261120.74738698	12.18	0.0001

SAS

ANALYSIS OF VARIANCE PROCEDURE

T TESTS (LSD) FOR VARIABLE: TT
 NOTE: THIS TEST CONTROLS THE TYPE I COMPARISONWISE ERROR RATE.
 NOT THE EXPERIMENTWISE ERROR RATE.

ALPHA=0.05 CONFIDENCE=0.95 DF=718 MSE=3574.03
 CRITICAL VALUE OF T=1.96327

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

RK	COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
08	- 03	-113.560	3.995	121.550	
08	- 06	-88.860	29.359	147.577	
08	- 04	-88.096	29.614	147.323	
08	- 05	-83.007	35.086	153.179	
08	- 02	-60.550	58.244	177.037	
08	- 01	-54.141	64.619	183.379	
03	- 08	-121.550	-3.995	113.560	***
03	- 06	9.776	25.364	40.951	***
03	- 04	14.530	25.619	36.707	***
03	- 05	16.483	31.091	45.699	***
03	- 02	34.773	54.249	73.725	***
03	- 01	41.394	60.624	79.894	***
06	- 08	-147.577	-29.359	88.860	
06	- 03	-40.951	-25.364	-9.776	***
06	- 04	-16.457	0.255	16.967	
06	- 05	-13.500	5.728	24.956	
06	- 02	5.741	28.885	52.029	***
06	- 01	12.290	35.260	58.231	***
04	- 08	-147.323	-29.614	88.096	
04	- 03	-36.707	-25.619	-14.530	***
04	- 06	-16.967	-0.255	16.457	
04	- 05	-10.329	5.473	21.279	
04	- 02	8.243	28.630	49.017	***
04	- 01	14.816	35.005	55.195	***
05	- 08	-153.179	-35.086	83.007	
05	- 03	-45.699	-31.091	-16.483	***
05	- 06	-24.956	-5.728	13.500	
05	- 04	-21.275	-5.473	10.329	
05	- 02	0.661	23.157	43.653	***
05	- 01	7.215	29.533	51.850	***
02	- 08	-177.037	-58.244	60.550	
02	- 03	-73.725	-34.249	-34.773	***
02	- 06	-32.029	-28.885	-5.741	***
02	- 04	-45.017	-28.630	-8.243	***
02	- 05	-45.653	-23.157	-0.661	***
02	- 01	-19.393	6.375	32.143	***

15:35 TUESDAY, JUNE 18, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

RK COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
01 - 08	-183.379	-64.619	54.141	***
01 - 03	-79.894	-60.624	-41.354	***
01 - 06	-98.231	-35.260	-12.290	***
01 - 04	-55.195	-35.005	-14.816	***
01 - 09	-51.890	-29.533	-7.215	***
01 - 02	-32.143	-6.375	19.393	

15:35 TUESDAY, JUNE 18, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

TUKEY'S STUDENTIZED RANGE (HSD) TEST FOR VARIABLE. TT
NOTE: THIS TEST CONTROLS THE TYPE I EXPERIMENTWISE ERROR RATE

ALPHA=0.05 CONFIDENCE=0.95 DF=718 MSE=3574.03
CRITICAL VALUE OF STUDENTIZED RANGE=4.181

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

RK COMPARISON	SIMULTANEOUS CONFIDENCE LIMIT		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS CONFIDENCE LIMIT		
	LOWER	UPPER		LOWER	UPPER	
08 - 03	-173.045	3.995		181.035		
08 - 06	-148.680	29.359		207.398		
08 - 04	-147.659	29.614		206.886		
08 - 05	-142.764	35.086		212.937		
08 - 02	-120.661	58.244		237.149		
08 - 01	-114.235	64.619		243.474		
03 - 08	-181.035	-3.995		173.045		***
03 - 06	1.889	25.364		48.839		***
03 - 04	8.919	25.619		42.318		***
03 - 05	9.092	31.091		53.091		***
03 - 02	24.918	54.249		83.580		***
03 - 01	31.604	60.624		89.644		***
06 - 08	-207.398	-29.359		148.680		***
06 - 03	-48.839	-25.364		-1.889		
06 - 04	-24.913	0.259		25.423		
06 - 05	-23.230	5.728		34.686		
06 - 02	-9.970	28.885		63.741		
06 - 01	0.666	35.260		69.854		***
04 - 08	-206.886	-29.614		147.659		***
04 - 03	-42.318	-25.619		-8.919		
04 - 06	-25.423	-0.259		24.913		
04 - 05	-18.325	5.473		29.271		
04 - 02	-2.073	28.630		59.333		
04 - 01	4.599	35.005		65.412		***
05 - 08	-212.937	-35.086		142.764		***
05 - 03	-53.091	-31.091		-9.092		
05 - 06	-34.686	-5.728		23.230		
05 - 04	-29.271	-5.473		18.325		
05 - 02	-10.722	23.157		57.037		
05 - 01	-4.078	29.533		63.143		
02 - 08	-237.149	-58.244		120.661		***
02 - 03	-83.580	-54.249		-24.918		
02 - 06	-63.741	-28.885		5.970		
02 - 04	-59.333	-28.630		2.073		
02 - 05	-57.037	-23.157		10.722		
02 - 01	-32.432	6.375		45.182		

15:35 TUESDAY, JUNE 18, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

RK COMPARISON	SIMULTANEOUS		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS	
	LOWER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT		LOWER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT
01 - 08	-243.474	114.235	-64.619	-243.474	114.235
01 - 03	-89.644	-31.604	-60.624	-89.644	-31.604
01 - 06	-69.854	-0.666	-35.260	-69.854	-0.666
01 - 04	-65.412	-4.599	-35.005	-65.412	-4.599
01 - 05	-63.143	4.078	-29.533	-63.143	4.078
01 - 02	-45.182	32.432	-6.375	-45.182	32.432

APPENDIX LL

ANOVA TESTING
DEPARTMENT/SEPARATE SERVICE
PCT

SAS

14:20 FRIDAY, JUNE 14, 1985

ANALYSIS OF VARIANCE PROCEDURE

CLASS LEVEL INFORMATION

CLASS	LEVELS	VALUES

DP	16	ALLERIM CLININIV DON DPCCM HQ MED NEURO OBOYN PATH PED PHYSHED PREVMD PSYCH RAD SURQ SMS

NUMBER OF OBSERVATIONS IN DATA SET = 725

SAS

14:21 FRIDAY, JUNE 14, 1985

ANALYSIS OF VARIANCE PROCEDURE

DEPENDENT VARIABLE: PCT

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C
MODEL	13	991158.00345486	66077.20023032	10.22	0.0001	0.177709	61.1
ERROR	709	4586247.87587617	6468.61477557		ROOT MSE		PCT M
CORRECTED TOTAL	724	5577405.87933103			80.42769906		131.42848

SOURCE	DF	ANOVA SS	F VALUE	PR > F
DP	13	991158.00345486	10.22	0.0001

ANALYSIS OF VARIANCE PROCEDURE

T TESTS (LSD) FOR VARIABLE: PCT
 NOTE: THIS TEST CONTROLS THE TYPE I COMPARISONWISE ERROR RATE,
 NOT THE EXPERIMENTWISE ERROR RATE.

ALPHA=0.05 CONFIDENCE=0.95 DF=709 MSE=6468.61
 CRITICAL VALUE OF T=1.96332

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

DP COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
PED - OBGN	-51.278	0.111	51.499	
PED - SURG	-23.651	8.218	40.087	
PED - NEURO	4.851	48.940	93.029	***
PED - MED	16.427	49.586	82.746	***
PED - DPCCM	16.579	60.668	104.758	***
PED - RAD	26.134	64.077	102.020	***
PED - DON	44.952	76.131	107.309	***
PED - ALLERIM	22.493	85.553	148.613	***
PED - PATH	43.159	89.765	136.371	***
PED - PHYSMED	61.935	103.772	145.608	***
PED - SWS	61.274	124.334	187.394	***
PED - PSYCH	88.031	127.682	167.333	***
PED - CLININV	15.205	130.647	246.088	***
PED - PREVMED	66.584	143.047	219.510	***
PED - HQ	70.455	185.897	301.338	***
OBGN - PED	-51.499	-0.111	51.278	
OBGN - SURG	-35.903	8.107	52.116	
OBGN - NEURO	-4.697	48.829	102.356	
OBGN - MED	4.523	49.476	94.428	***
OBGN - DPCCM	7.031	60.557	114.084	***
OBGN - RAD	15.377	63.966	112.555	***
OBGN - DON	32.508	76.020	119.532	***
OBGN - ALLERIM	15.458	85.442	155.426	***
OBGN - PATH	34.037	89.654	145.272	***
OBGN - PHYSMED	51.974	103.661	155.347	***
OBGN - SWS	54.239	124.223	194.207	***
OBGN - PSYCH	77.637	127.571	177.505	***
OBGN - CLININV	11.171	130.536	249.901	***
OBGN - PREVMED	60.669	142.936	225.202	***
OBGN - HQ	66.421	185.786	305.151	***
SURG - PED	-40.087	-8.218	23.651	
SURG - OBGN	-52.116	-8.107	35.903	
SURG - NEURO	5.510	40.722	75.935	***
SURG - MED	21.479	41.369	61.258	***
SURG - DPCCM	17.238	52.450	87.663	***
SURG - RAD	28.735	55.859	82.983	***
SURG - DON	51.537	67.913	84.288	***
SURG - ALLERIM	20.128	77.335	134.542	***
SURG - PATH	43.231	81.547	119.864	***
SURG - PHYSMED	63.207	95.554	127.901	***

ANALYSIS OF VARIANCE PROCEDURE

DP	COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
SURG	- SWS	58.910	116.116	173.323	***
SURG	- PSYCH	89.999	119.464	148.930	***
SURG	- CLININV	10.077	122.429	234.780	***
SURG	- PREVMED	63.117	134.829	206.541	***
SURG	- HQ	65.327	177.679	290.030	***
NEURO	- PED	-93.029	-48.940	-4.851	***
NEURO	- OBGYN	-102.356	-48.829	4.697	***
NEURO	- SURG	-75.935	-40.722	-5.510	***
NEURO	- MED	-35.738	0.646	37.031	
NEURO	- DPCM	-34.835	11.728	58.292	
NEURO	- RAD	-25.655	15.137	55.928	
NEURO	- DON	-7.398	27.191	61.780	
NEURO	- ALLERIM	-28.201	36.613	101.427	
NEURO	- PATH	-8.128	40.825	89.778	***
NEURO	- PHYSMED	10.395	54.832	99.268	***
NEURO	- SWS	10.580	75.394	140.208	***
NEURO	- PSYCH	36.357	78.742	121.127	***
NEURO	- CLININV	-34.703	81.707	198.116	***
NEURO	- PREVMED	16.191	94.107	172.022	***
NEURO	- HQ	20.547	136.957	253.366	***
HED	- PED	-82.746	-49.586	-16.427	***
HED	- OBGYN	-94.428	-49.476	-4.523	***
HED	- SURG	-61.258	-41.369	-21.479	***
HED	- NEURO	-37.031	-0.646	35.738	
HED	- DPCM	-25.303	11.082	47.466	
HED	- RAD	-14.138	14.490	43.119	
HED	- DON	7.781	26.544	45.307	***
HED	- ALLERIM	-21.969	35.966	93.902	***
HED	- PATH	0.782	40.179	79.575	***
HED	- PHYSMED	20.566	54.185	87.804	***
HED	- SWS	16.812	74.748	132.683	***
HED	- PSYCH	47.239	78.096	108.953	***
HED	- CLININV	-31.664	81.060	193.784	***
HED	- PREVMED	21.165	93.460	165.755	***
HED	- HQ	23.586	136.310	249.034	***
DPCCM	- PED	-104.758	-60.668	-16.579	***
DPCCM	- OBGYN	-114.084	-60.557	-7.031	***
DPCCM	- SURG	-87.663	-52.450	-17.238	***
DPCCM	- NEURO	-58.292	-11.728	34.835	
DPCCM	- MED	-47.466	-11.082	25.303	
DPCCM	- RAD	-37.383	3.408	44.200	
DPCCM	- DON	-19.127	15.462	50.051	
DPCCM	- ALLERIM	-39.929	24.885	89.698	
DPCCM	- PATH	-19.856	29.097	78.050	
DPCCM	- PHYSMED	-1.333	43.103	87.540	
DPCCM	- SWS	-1.148	63.666	128.480	***
DPCCM	- PSYCH	24.629	67.014	109.399	***
DPCCM	- CLININV	-46.431	69.978	186.387	***
DPCCM	- PREVMED	4.462	82.378	160.294	***

ANALYSIS OF VARIANCE PROCEDURE

DP
COMPARISON
DPCCM - HG

	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
DPCCM - HG	8.819	125.228	241.637	***
RAD - PED	-102.020	-64.077	-26.134	***
RAD - OBGN	-112.555	-63.966	-15.377	***
RAD - SURG	-82.983	-55.859	-28.735	***
RAD - NEURO	-55.928	-15.137	25.655	
RAD - MED	-43.119	-14.490	14.138	
RAD - DPCCM	-44.200	-3.408	37.383	
RAD - DON	-14.255	12.054	38.363	
RAD - ALLERIM	-39.324	21.476	82.276	
RAD - PATH	-17.811	25.688	69.187	
RAD - PHYSMED	1.350	39.695	78.040	***
RAD - SMS	-0.542	60.257	121.057	***
RAD - PSYCH	27.697	63.605	99.953	***
RAD - CLININV	-47.653	66.570	180.793	***
RAD - PREVMED	4.360	78.970	153.980	***
RAD - HG	7.597	121.820	236.043	***
DON - PED	-107.309	-76.131	-44.952	***
DON - OBGN	-119.532	-76.020	-32.508	***
DON - SURG	-84.288	-67.913	-51.537	***
DON - NEURO	-61.780	-27.191	7.398	***
DON - MED	-45.307	-26.544	-7.781	
DON - DPCCM	-50.051	-15.462	19.127	
DON - RAD	-38.363	-12.054	14.255	
DON - ALLERIM	-47.403	9.422	66.247	
DON - PATH	-24.110	13.634	51.379	
DON - PHYSMED	-4.026	27.641	59.308	
DON - SMS	-8.621	48.203	105.028	
DON - PSYCH	22.834	51.552	80.270	***
DON - CLININV	-57.641	54.516	166.673	
DON - PREVMED	-4.492	66.916	138.324	
DON - HG	-2.391	109.766	221.923	
ALLERIM - PED	-148.613	-85.553	-22.493	***
ALLERIM - OBGN	-155.426	-85.442	-15.458	***
ALLERIM - SURG	-134.542	-77.335	-20.128	***
ALLERIM - NEURO	-101.427	-36.613	28.201	
ALLERIM - MED	-93.902	-35.966	21.969	
ALLERIM - DPCCM	-89.698	-24.885	39.929	
ALLERIM - RAD	-82.276	-21.476	39.324	
ALLERIM - DON	-66.247	-9.422	47.403	
ALLERIM - PATH	-62.339	4.212	70.763	
ALLERIM - PHYSMED	-45.084	18.219	81.522	
ALLERIM - SMS	-40.171	38.781	117.734	
ALLERIM - PSYCH	-19.751	42.129	104.010	
ALLERIM - CLININV	-79.741	45.094	169.929	
ALLERIM - PREVMED	-32.526	57.494	147.513	
ALLERIM - HG	-24.491	100.344	225.179	
PATH - PED	-136.371	-89.765	-43.159	***
PATH - OBGN	-145.272	-89.654	-34.037	***

ANALYSIS OF VARIANCE PROCEDURE

DP	COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
PATH	- SURG	-119.864	-81.547	-43.231	***
PATH	- NEURO	-89.778	-40.825	8.128	
PATH	- MED	-79.575	-40.179	-0.782	***
PATH	- DPCCM	-78.050	-29.097	19.856	
PATH	- RAD	-69.187	-25.688	17.811	
PATH	- DON	-51.379	-13.634	24.110	
PATH	- ALLERIM	-70.763	-4.212	62.339	
PATH	- PHYSMED	-32.928	14.007	60.941	
PATH	- SWS	-31.982	34.569	101.120	
PATH	- PSYCH	-7.080	37.917	82.914	
PATH	- CLININV	-76.504	40.882	158.267	
PATH	- PREVME	-26.085	53.282	132.649	
PATH	- HQ	-21.254	96.132	213.517	
PHYSMED	- PED	-145.608	-103.772	-61.939	***
PHYSMED	- OBGYN	-155.347	-103.661	-51.974	***
PHYSMED	- SURG	-127.901	-95.554	-63.207	***
PHYSMED	- NEURO	-99.268	-54.832	-10.395	***
PHYSMED	- MED	-87.804	-54.185	-20.566	***
PHYSMED	- DPCCM	-87.540	-43.103	1.333	
PHYSMED	- RAD	-78.040	-39.695	-1.350	***
PHYSMED	- DON	-59.308	-27.641	4.026	
PHYSMED	- ALLERIM	-81.522	-18.219	45.084	
PHYSMED	- PATH	-60.941	-14.007	32.928	
PHYSMED	- SWS	-42.740	20.563	83.865	
PHYSMED	- PSYCH	-16.125	23.911	63.947	
PHYSMED	- CLININV	-88.700	26.875	142.450	
PHYSMED	- PREVME	-37.389	39.275	115.939	
PHYSMED	- HQ	-33.450	82.125	197.700	
SWS	- PED	-187.394	-124.334	-61.274	***
SWS	- OBGYN	-194.207	-124.223	-54.239	***
SWS	- SURG	-173.323	-116.116	-58.910	***
SWS	- NEURO	-140.208	-75.394	-10.580	***
SWS	- MED	-132.683	-74.748	-16.812	***
SWS	- DPCCM	-128.480	-63.666	1.148	
SWS	- RAD	-121.057	-60.257	0.542	
SWS	- DON	-105.028	-48.203	8.621	
SWS	- ALLERIM	-117.734	-38.781	40.171	
SWS	- PATH	-101.120	-34.569	31.982	
SWS	- PHYSMED	-83.865	-20.563	42.740	
SWS	- PSYCH	-58.532	3.348	65.228	
SWS	- CLININV	-118.522	6.312	131.147	
SWS	- PREVME	-71.307	18.713	108.732	
SWS	- HQ	-63.272	61.562	186.397	
PSYCH	- PED	-167.333	-127.682	-88.031	***
PSYCH	- OBGYN	-177.505	-127.571	-77.637	***
PSYCH	- SURG	-148.930	-119.464	-89.999	***
PSYCH	- NEURO	-121.127	-78.742	-36.357	***
PSYCH	- MED	-108.953	-78.096	-47.239	***
PSYCH	- DPCCM	-109.399	-67.014	-24.629	***

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
PSYCH - RAD	-99.953	-63.609	-27.657	***
PSYCH - DON	-80.270	-51.952	-22.834	***
PSYCH - ALLERIM	-104.010	-42.129	19.751	
PSYCH - PATH	-82.914	-37.917	7.080	
PSYCH - PHYSMED	-63.947	-23.911	16.125	
PSYCH - SMS	-65.228	-3.348	58.932	
PSYCH - CLININV	-111.837	2.964	117.766	
PSYCH - PREVMED	-60.129	15.364	90.857	
PSYCH - HQ	-56.587	58.214	173.016	
CLININV - PED	-246.088	-130.647	-15.205	***
CLININV - OBGYN	-249.901	-130.536	-11.171	***
CLININV - SURG	-234.780	-122.429	-10.077	***
CLININV - NEURO	-198.116	-81.707	10.703	
CLININV - MED	-193.784	-81.060	31.664	
CLININV - DPCCH	-186.387	-69.978	46.431	
CLININV - RAD	-180.793	-66.570	47.653	
CLININV - DON	-166.673	-54.516	57.641	
CLININV - ALLERIM	-169.929	-45.094	79.741	
CLININV - PATH	-158.267	-40.882	76.504	
CLININV - PHYSMED	-142.450	-26.875	88.700	
CLININV - SMS	-131.147	-6.312	118.522	
CLININV - PSYCH	-117.766	-2.964	111.837	
CLININV - PREVMED	-119.713	12.400	144.513	
CLININV - HQ	-102.655	55.250	213.155	
PREVMED - PED	-219.510	-143.047	-66.584	***
PREVMED - OBGYN	-225.202	-142.936	-60.669	***
PREVMED - SURG	-206.541	-134.829	-63.117	***
PREVMED - NEURO	-172.022	-94.107	-16.191	***
PREVMED - MED	-165.755	-93.460	-21.165	***
PREVMED - DPCCH	-160.294	-82.378	-4.462	***
PREVMED - RAD	-153.580	-78.970	-4.360	***
PREVMED - DON	-138.324	-66.916	4.492	
PREVMED - ALLERIM	-147.513	-57.494	32.526	
PREVMED - PATH	-132.649	-53.282	26.085	
PREVMED - PHYSMED	-115.939	-39.275	37.389	
PREVMED - SMS	-108.732	-18.713	71.307	
PREVMED - PSYCH	-90.857	-15.364	60.129	
PREVMED - CLININV	-144.513	-12.400	119.713	
PREVMED - HQ	-89.263	42.850	174.963	
HQ - PED	-301.338	-185.897	-70.455	***
HQ - OBGYN	-305.151	-185.786	-66.421	***
HQ - SURG	-290.030	-177.679	-65.327	***
HQ - NEURO	-253.366	-136.957	-20.547	***
HQ - MED	-249.034	-136.310	-23.586	***
HQ - DPCCH	-241.637	-129.228	-8.819	***
HQ - RAD	-236.043	-121.820	-7.597	***
HQ - DON	-221.923	-109.766	2.391	
HQ - ALLERIM	-225.179	-100.344	24.491	
HQ - PATH	-213.517	-96.132	21.254	

14:22 FRIDAY, JUNE 14, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

H3	D ² COMPARISON	LOWER		DIFFERENCE		UPPER	
		CONFIDENCE LIMIT		BETWEEN MEANS		CONFIDENCE LIMIT	
H3	- PHYSMED	-197.700		-82.125		33.450	
H3	- SMS	-186.397		-61.562		63.272	
H3	- PSYCH	-173.016		-58.214		56.987	
H3	- CLININV	-213.155		-55.250		102.655	
H3	- PREVMD	-174.963		-42.850		89.263	

ANALYSIS OF VARIANCE PROCEDURE

TUKEY'S STUDENTIZED RANGE (HSD) TEST FOR VARIABLE: PCT
 NOTE: THIS TEST CONTROLS THE TYPE I EXPERIMENTWISE ERROR RATE

ALPHA=0.05 CONFIDENCE=0.95 DF=709 MSE=6468.61
 CRITICAL VALUE OF STUDENTIZED RANGE=4.863

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

DP COMPARISON		SIMULTANEOUS LOWER CONFIDENCE LIMIT		DIFFERENCE BETWEEN MEANS		SIMULTANEOUS UPPER CONFIDENCE LIMIT		
PED	- OBGYN	-89.889	0.111	0.111	90.111			
PED	- SURG	-47.596	8.218	8.218	64.032			
PED	- NEURO	-28.277	48.940	48.940	126.157			
PED	- MED	-8.488	49.586	49.586	107.661			
PED	- DPCCM	-16.548	60.668	60.668	137.885			
PED	- RAD	-2.375	64.077	64.077	130.528			
PED	- DON	21.523	76.131	76.131	130.736			***
PED	- ALLERIM	-24.888	85.953	85.953	195.994			***
PED	- PATH	8.141	89.765	89.765	171.389			***
PED	- PHYSMED	30.501	103.772	103.772	177.043			***
PED	- SMS	13.893	124.334	124.334	234.775			***
PED	- PSYCH	58.239	127.682	127.682	197.125			***
PED	- CLININV	-71.534	130.647	130.647	332.827			***
PED	- PREVMED	9.132	143.047	143.047	276.961			***
PED	- HG	-16.284	185.897	185.897	388.077			
OBGYN	- PED	-90.111	-0.111	-0.111	89.889			
OBGYN	- SURG	-68.970	8.107	8.107	85.184			
OBGYN	- NEURO	-44.915	48.829	48.829	142.574			
OBGYN	- MED	-29.253	49.476	49.476	128.204			
OBGYN	- DPCCM	-33.187	60.557	60.557	154.302			
OBGYN	- RAD	-21.131	63.966	63.966	149.062			
OBGYN	- DON	-0.186	76.020	76.020	152.226			
OBGYN	- ALLERIM	-37.125	89.442	89.442	208.009			
OBGYN	- PATH	-7.753	89.654	89.654	187.061			***
OBGYN	- PHYSMED	13.139	103.661	103.661	194.183			***
OBGYN	- SMS	1.656	124.223	124.223	246.791			***
OBGYN	- PSYCH	40.119	127.571	127.571	215.024			***
OBGYN	- CLININV	-78.516	130.536	130.536	339.587			
OBGYN	- PREVMED	-1.143	142.936	142.936	287.015			
OBGYN	- HG	-23.266	185.786	185.786	394.837			
SURG	- PED	-64.032	-8.218	-8.218	47.596			
SURG	- OBGYN	-85.184	-8.107	-8.107	68.970			
SURG	- NEURO	-20.948	40.722	40.722	102.392			***
SURG	- MED	6.535	41.369	41.369	76.202			***
SURG	- DPCCM	-9.220	52.450	52.450	114.121			***
SURG	- RAD	8.355	55.859	55.859	103.363			***
SURG	- DON	39.233	67.913	67.913	96.592			***
SURG	- ALLERIM	-22.855	77.335	77.335	177.525			***
SURG	- PATH	14.441	81.547	81.547	148.653			***
SURG	- PHYSMED	38.902	95.554	95.554	152.205			***

SAS

ANALYSIS OF VARIANCE PROCEDURE

		SIMULTANEOUS		DIFFERENCE		SIMULTANEOUS	
DP		LOWER		BETWEEN		UPPER	
COMPARISON		CONFIDENCE		MEANS		CONFIDENCE	
		LIMIT				LIMIT	
SURG	- SWS	15.927		116.116		216.306	***
SURG	- PSYCH	67.859		119.464		171.070	***
SURG	- CLININV	-74.340		122.429		319.197	
SURG	- PREVMED	9.235		134.829		260.423	***
SURG	- HQ	-19.090		177.679		374.447	
NEURO	- PED	-126.157		-48.940		28.277	
NEURO	- OBGYN	-142.574		-48.829		44.915	
NEURO	- SURG	-102.392		-40.722		20.948	
NEURO	- MED	-63.076		0.646		64.369	
NEURO	- DPCCM	-69.822		11.728		93.278	
NEURO	- RAD	-56.304		15.137		86.578	
NEURO	- DON	-33.388		27.191		87.769	
NEURO	- ALLERIM	-76.900		36.613		150.126	
NEURO	- PATH	-44.910		40.825		126.560	
NEURO	- PHYSMED	-22.993		54.832		132.656	
NEURO	- SWS	-38.119		75.394		188.907	
NEURO	- PSYCH	4.511		78.742		152.974	***
NEURO	- CLININV	-122.168		81.707		285.581	
NEURO	- PREVMED	-42.353		94.107		230.566	
NEURO	- HQ	-66.918		136.957		340.831	
MED	- PED	-107.661		-49.586		8.488	
MED	- OBGYN	-128.204		-49.476		29.253	
MED	- SURG	-76.202		-41.369		-6.535	***
MED	- NEURO	-64.369		-0.646		63.076	
MED	- DPCCM	-52.641		11.082		74.805	
MED	- RAD	-35.649		14.490		64.630	
MED	- DON	-6.317		26.544		59.406	
MED	- ALLERIM	-65.500		35.966		137.432	
MED	- PATH	-28.819		40.179		109.176	
MED	- PHYSMED	-4.694		54.185		113.065	
MED	- SWS	-26.718		74.748		176.213	
MED	- PSYCH	24.054		78.096		132.138	
MED	- CLININV	-116.361		81.060		278.481	***
MED	- PREVMED	-33.155		93.460		220.075	
MED	- HQ	-61.111		136.310		333.731	
DPCCM	- PED	-137.885		-60.668		16.548	
DPCCM	- OBGYN	-154.302		-60.557		33.187	
DPCCM	- SURG	-114.121		-52.450		9.220	
DPCCM	- NEURO	-93.278		-11.728		69.822	
DPCCM	- MED	-74.805		-11.082		52.641	
DPCCM	- RAD	-68.032		3.408		74.849	
DPCCM	- DON	-45.116		15.462		76.040	
DPCCM	- ALLERIM	-88.628		24.885		138.397	
DPCCM	- PATH	-56.638		29.097		114.831	
DPCCM	- PHYSMED	-34.721		43.103		120.927	
DPCCM	- SWS	-49.847		63.666		177.179	
DPCCM	- PSYCH	-7.218		67.014		141.246	
DPCCM	- CLININV	-133.897		69.978		273.853	

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ANALYSIS OF VARIANCE PROCEDURE

		SIMULTANEOUS		DIFFERENCE		SIMULTANEOUS	
COMPARISON		LOWER		BETWEEN		UPPER	
		CONFIDENCE		MEANS		CONFIDENCE	
		LIMIT				LIMIT	
DPCCM	- PREVMED	-54.081		82.378		218.837	
DPCCM	- HQ	-78.647		125.228		329.103	
RAD	- PED	-130.528		-64.077		2.375	
RAD	- OBGYN	-149.062		-63.966		21.131	
RAD	- SURG	-103.363		-59.859		-8.355	***
RAD	- NEURO	-86.978		-19.137		56.304	
RAD	- MED	-64.630		-14.490		35.649	
RAD	- DPCCM	-74.849		-3.408		68.032	
RAD	- DON	-34.023		12.054		58.131	
RAD	- ALLERIM	-89.007		21.476		127.959	
RAD	- PATH	-50.495		25.688		101.871	
RAD	- PHYSMED	-27.462		39.695		106.851	
RAD	- SMS	-46.225		60.257		166.740	
RAD	- PSYCH	0.647		63.605		126.564	***
RAD	- CLININV	-133.476		66.570		266.616	
RAD	- PREVMED	-51.700		78.970		209.639	
RAD	- HQ	-78.226		121.820		321.866	
DON	- PED	-130.736		-76.131		-21.525	***
DON	- OBGYN	-152.226		-76.020		0.186	
DON	- SURG	-96.592		-67.913		-39.233	***
DON	- NEURO	-87.769		-27.191		33.388	
DON	- MED	-59.406		-26.544		6.317	
DON	- DPCCM	-76.040		-15.462		45.116	
DON	- RAD	-58.131		-12.054		34.023	
DON	- ALLERIM	-90.099		9.422		108.943	
DON	- PATH	-52.470		13.634		79.738	
DON	- PHYSMED	-27.820		27.641		83.102	
DON	- SMS	-51.318		48.203		147.725	
DON	- PSYCH	1.256		51.552		101.847	***
DON	- CLININV	-141.913		54.516		250.945	
DON	- PREVMED	-58.146		66.916		191.978	
DON	- HQ	-86.663		109.766		306.195	
ALLERIM	- PED	-195.994		-85.553		24.888	
ALLERIM	- OBGYN	-208.009		-85.442		37.125	
ALLERIM	- SURG	-177.525		-77.335		22.855	
ALLERIM	- NEURO	-150.126		-36.613		76.900	
ALLERIM	- MED	-137.432		-35.966		63.500	
ALLERIM	- DPCCM	-138.397		-24.885		88.628	
ALLERIM	- RAD	-127.959		-21.476		85.007	
ALLERIM	- DON	-108.943		-9.422		90.099	
ALLERIM	- PATH	-112.343		4.212		120.768	
ALLERIM	- PHYSMED	-92.648		18.219		129.085	
ALLERIM	- SMS	-99.493		38.781		177.056	
ALLERIM	- PSYCH	-66.245		42.129		150.504	
ALLERIM	- CLININV	-173.538		45.094		263.725	
ALLERIM	- PREVMED	-100.164		57.494		215.151	
ALLERIM	- HQ	-118.288		100.344		318.975	

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ANALYSIS OF VARIANCE PROCEDURE

		SIMULTANEOUS		DIFFERENCE		SIMULTANEOUS	
DP COMPARISON		CONFIDENCE		BETWEEN		UPPER	
		LIMIT		MEANS		LIMIT	
PATH	- PED	-171.389		-89.765		-8.141	***
PATH	- OBGYN	-187.061		-89.654		7.753	
PATH	- SURG	-148.633		-81.547		-14.441	***
PATH	- NEURO	-126.960		-40.825		44.910	
PATH	- MED	-109.176		-40.179		28.819	
PATH	- DPCCM	-114.831		-29.097		56.638	
PATH	- RAD	-101.871		-25.688		50.495	
PATH	- DON	-79.738		-13.634		52.470	
PATH	- ALLERIM	-120.768		-4.212		112.343	
PATH	- PHYSMED	-68.192		14.007		96.205	
PATH	- SWS	-81.986		34.569		151.125	
PATH	- PSYCH	-40.889		37.917		116.723	
PATH	- CLININV	-164.703		40.882		246.466	
PATH	- PREVME	-83.719		53.282		192.282	
PATH	- HQ	-109.453		96.132		301.716	
PHYSMED	- PED	-177.043		-103.772		-30.501	***
PHYSMED	- OBGYN	-194.183		-103.661		-13.139	***
PHYSMED	- SURG	-152.205		-95.554		-38.902	***
PHYSMED	- NEURO	-132.656		-54.832		22.993	
PHYSMED	- MED	-113.065		-54.185		4.694	
PHYSMED	- DPCCM	-120.927		-43.103		34.721	
PHYSMED	- RAD	-106.851		-39.695		27.462	
PHYSMED	- DON	-83.102		-27.641		27.820	
PHYSMED	- ALLERIM	-129.085		-18.219		92.648	
PHYSMED	- PATH	-96.205		-14.007		68.192	
PHYSMED	- SWS	-90.304		20.563		131.429	
PHYSMED	- PSYCH	-46.207		23.911		94.029	
PHYSMED	- CLININV	-175.538		26.875		229.288	
PHYSMED	- PREVME	-94.991		39.275		173.541	
PHYSMED	- HQ	-120.288		82.125		284.538	
SWS	- PED	-234.775		-124.334		-13.893	***
SWS	- OBGYN	-246.791		-124.223		-1.656	***
SWS	- SURG	-216.306		-116.116		-15.927	***
SWS	- NEURO	-188.907		-75.394		38.119	
SWS	- MED	-176.213		-74.748		26.718	
SWS	- DPCCM	-177.179		-63.666		49.847	
SWS	- RAD	-166.740		-60.257		46.225	
SWS	- DON	-147.725		-48.203		51.318	
SWS	- ALLERIM	-177.056		-38.781		99.493	
SWS	- PATH	-151.125		-34.569		81.986	
SWS	- PHYSMED	-131.429		-20.563		90.304	
SWS	- PSYCH	-105.026		3.348		111.723	
SWS	- CLININV	-212.319		6.312		224.944	
SWS	- PREVME	-138.945		18.713		176.370	
SWS	- HQ	-157.069		61.562		280.194	
PSYCH	- PED	-197.125		-127.682		-58.239	***
PSYCH	- OBGYN	-215.024		-127.571		-40.119	***
PSYCH	- SURG	-171.070		-119.464		-67.859	***

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ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	SIMULTANEOUS		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS	
	LOWER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT		LOWER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT
PSYCH - NEURO	-152.974	-4.511	-78.742	-152.974	-4.511
PSYCH - MED	-132.138	-24.054	-78.096	-132.138	-24.054
PSYCH - DPCCM	-141.246	7.218	-67.014	-141.246	7.218
PSYCH - RAD	-126.564	-0.647	-63.605	-126.564	-0.647
PSYCH - DON	-101.847	-1.256	-51.552	-101.847	-1.256
PSYCH - ALLERIM	-150.504	66.245	-42.129	-150.504	66.245
PSYCH - PATH	-116.723	40.889	-37.917	-116.723	40.889
PSYCH - PHYSMED	-94.029	46.207	-23.911	-94.029	46.207
PSYCH - SWS	-111.723	105.026	-3.348	-111.723	105.026
PSYCH - CLININV	-198.095	204.024	2.964	-198.095	204.024
PSYCH - PREVME	-116.852	147.580	15.364	-116.852	147.580
PSYCH - HQ	-142.845	259.274	58.214	-142.845	259.274
CLININV - PED	-332.827	71.534	-130.647	-332.827	71.534
CLININV - OBGYN	-339.587	78.516	-130.536	-339.587	78.516
CLININV - SURG	-319.197	74.340	-122.429	-319.197	74.340
CLININV - NEURO	-285.581	122.168	-81.707	-285.581	122.168
CLININV - MED	-278.481	116.361	-81.060	-278.481	116.361
CLININV - DPCCM	-273.853	133.897	-69.978	-273.853	133.897
CLININV - RAD	-266.616	133.476	-66.570	-266.616	133.476
CLININV - DON	-250.945	141.913	-54.516	-250.945	141.913
CLININV - ALLERIM	-263.725	173.538	-45.094	-263.725	173.538
CLININV - PATH	-246.466	164.703	-40.882	-246.466	164.703
CLININV - PHYSMED	-229.288	175.538	-26.875	-229.288	175.538
CLININV - SWS	-224.944	212.319	-6.312	-224.944	212.319
CLININV - PSYCH	-204.024	198.095	-2.964	-204.024	198.095
CLININV - PREVME	-218.978	243.778	12.400	-218.978	243.778
CLININV - HQ	-221.299	331.799	55.250	-221.299	331.799
PREVME - PED	-276.961	-9.132	-143.047	-276.961	-9.132
PREVME - OBGYN	-287.015	1.143	-142.936	-287.015	1.143
PREVME - SURG	-260.423	-9.235	-134.829	-260.423	-9.235
PREVME - NEURO	-230.566	42.353	-94.107	-230.566	42.353
PREVME - MED	-220.075	33.155	-93.460	-220.075	33.155
PREVME - DPCCM	-218.837	54.081	-82.378	-218.837	54.081
PREVME - RAD	-209.639	51.700	-78.970	-209.639	51.700
PREVME - DON	-191.978	58.146	-66.916	-191.978	58.146
PREVME - ALLERIM	-215.191	100.164	-57.494	-215.191	100.164
PREVME - PATH	-192.282	85.719	-53.282	-192.282	85.719
PREVME - PHYSMED	-173.541	94.991	-39.275	-173.541	94.991
PREVME - SWS	-176.370	138.945	-18.713	-176.370	138.945
PREVME - PSYCH	-147.580	116.852	-15.364	-147.580	116.852
PREVME - CLININV	-243.778	218.978	-12.400	-243.778	218.978
PREVME - HQ	-188.528	274.228	42.850	-188.528	274.228
HQ - PED	-388.077	16.284	-185.897	-388.077	16.284
HQ - OBGYN	-394.837	23.266	-185.786	-394.837	23.266
HQ - SURG	-374.447	19.090	-177.679	-374.447	19.090
HQ - NEURO	-340.831	66.918	-136.957	-340.831	66.918
HQ - MED	-333.731	61.111	-136.310	-333.731	61.111
HQ - DPCCM	-329.103	78.647	-125.228	-329.103	78.647

14.23 FRIDAY, JUNE 14, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP	COMPARISON	SIMULTANEOUS		DIFFERENCE		SIMULTANEOUS	
		LOWER	CONFIDENCE	BETWEEN	UPPER	CONFIDENCE	LIMIT
		CONFIDENCE	LIMIT	MEANS	CONFIDENCE	LIMIT	
HQ	- RAD	-321.866	-121.820	-109.766	78.226	86.663	
HQ	- DON	-306.195	-109.766	-100.344	118.288	109.453	
HQ	- ALLERIM	-318.975	-96.132	-82.125	120.288	137.069	
HQ	- PATH	-301.716	-61.562	-58.214	142.845	221.299	
HQ	- PHYSMED	-284.538	-55.250	-42.850	188.528		
HQ	- SMS	-280.194					
HQ	- PSYCH	-259.274					
HQ	- CLININV	-331.799					
HQ	- PREVIED	-274.228					

APPENDIX MM

ANOVA TESTING
DEPARTMENT/SEPARATE SERVICE
NPCT

15:41 MONDAY, J - - - , 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

CLASS LEVEL INFORMATION

CLASS	LEVELS	VALUES
DP	16	ALLERIM CLININV DON DPCCM H3 MED NEURO OBGYN PATH PED PHYSMED PREV MED PSYCH RAD SURG SWS

NUMBER OF OBSERVATIONS IN DATA SET = 725

15:41 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DEPENDENT VARIABLE: NPCT

	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C
SOURCE							
MODEL	15	328339.69667828	21889.31311189	8.22	0.0001	0.148214	82.2
ERROR	709	1886966.66390793	2661.44804783		ROOT MSE		NPCT M
CORRECTED TOTAL	724	2215306.36258621			51.58922414		62.74586

	DF	ANOVA SS	F VALUE	PR > F
SOURCE				
DP	15	328339.69667828	8.22	0.0001

ANALYSIS OF VARIANCE PROCEDURE

T TESTS (LSD) FOR VARIABLE: NPCT
NOTE: THIS TEST CONTROLS THE TYPE I COMPARISONWISE ERROR RATE,
NOT THE EXPERIMENTWISE ERROR RATE.

ALPHA=0.05 CONFIDENCE=0.95 DF=709 MSE=2661.45
CRITICAL VALUE OF T=1.96332

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

DP COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
HQ - PSYCH	-24.945	49.093	122.731	
HQ - CLININV	-38.786	62.500	163.786	
HQ - PATH	-2.427	72.868	148.164	
HQ - PREMED	-6.642	78.100	162.842	
HQ - ALLERIM	-0.011	80.063	160.136	
HQ - MED	15.836	88.142	160.447	***
HQ - RAD	17.809	91.076	164.342	***
HQ - PHYSMED	20.607	94.741	168.875	***
HQ - PED	21.581	95.629	169.678	***
HQ - OBGIN	22.685	99.250	175.815	***
HQ - SMS	24.083	104.156	184.230	***
HQ - NEURO	29.538	104.207	178.875	***
HQ - SURG	43.892	115.938	188.024	***
HQ - DON	51.013	122.935	194.897	***
HQ - DPCCM	66.809	141.478	216.147	***
PSYCH - HQ	-122.731	-49.093	24.545	
PSYCH - CLININV	-60.231	13.407	87.045	
PSYCH - PATH	-5.087	23.776	52.638	
PSYCH - PREMED	-19.417	29.007	77.431	
PSYCH - ALLERIM	-8.722	30.970	70.662	
PSYCH - MED	19.236	39.049	58.842	***
PSYCH - RAD	18.924	41.983	65.041	***
PSYCH - PHYSMED	19.968	45.648	71.329	***
PSYCH - PED	21.103	46.936	71.970	***
PSYCH - OBGIN	18.128	50.157	82.187	***
PSYCH - SMS	15.371	55.063	94.736	***
PSYCH - NEURO	27.926	55.114	82.301	***
PSYCH - SURG	47.964	66.865	85.765	***
PSYCH - DON	55.441	73.862	92.283	***
PSYCH - DPCCM	65.198	92.385	119.573	***
CLININV - HQ	-163.786	-62.500	38.786	
CLININV - PSYCH	-87.045	-13.407	60.231	
CLININV - PATH	-64.927	10.368	85.664	
CLININV - PREMED	-69.142	15.600	100.342	
CLININV - ALLERIM	-62.511	17.563	97.636	
CLININV - MED	-46.664	25.642	97.947	
CLININV - RAD	-44.691	28.576	101.842	
CLININV - PHYSMED	-41.893	32.241	106.375	
CLININV - PED	-40.919	33.129	107.178	
CLININV - OBGIN	-39.815	36.750	113.315	

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
CLININV - SMS	-38.417	41.496	121.730	
CLININV - NEURO	-32.962	41.707	116.375	
CLININV - SURG	-18.608	53.438	125.524	
CLININV - DON	-11.487	60.435	132.397	
CLININV - DPCCH	4.309	78.978	153.647	***
PATH - HQ	-148.164	-72.868	2.427	
PATH - PSYCH	-52.638	-23.776	3.087	
PATH - CLININV	-85.664	-10.368	64.927	
PATH - PREVHED	-45.677	5.232	56.140	
PATH - ALLERIM	-35.494	7.194	49.882	
PATH - MED	-9.997	15.273	40.544	
PATH - RAD	-9.693	18.207	46.109	
PATH - PHYSMED	-8.233	21.873	51.978	
PATH - PED	-7.134	22.761	52.656	
PATH - OBOYN	-9.294	26.382	62.057	
PATH - SMS	-11.401	31.288	73.976	
PATH - NEURO	-0.062	31.338	62.738	***
PATH - SURG	18.512	43.089	67.667	***
PATH - DON	25.876	50.087	74.297	***
PATH - DPCCH	37.210	68.610	100.010	***
PREVHED - HQ	-162.842	-78.100	6.642	
PREVHED - PSYCH	-77.431	-29.007	19.417	
PREVHED - CLININV	-100.342	-15.600	69.142	
PREVHED - PATH	-56.140	-5.232	45.677	
PREVHED - ALLERIM	-59.779	1.963	59.704	
PREVHED - MED	-34.331	10.042	56.414	
PREVHED - RAD	-34.882	12.976	60.833	
PREVHED - PHYSMED	-32.534	16.641	65.816	
PREVHED - PED	-31.517	17.529	66.575	
PREVHED - OBOYN	-31.619	21.150	73.919	
PREVHED - SMS	-31.686	26.056	83.798	
PREVHED - NEURO	-23.872	26.107	76.085	
PREVHED - SURG	-8.141	37.858	83.857	
PREVHED - DON	-0.949	44.855	90.659	
PREVHED - DPCCH	13.400	63.378	113.356	***
ALLERIM - HQ	-160.136	-80.063	0.011	
ALLERIM - PSYCH	-70.662	-30.970	8.722	
ALLERIM - CLININV	-97.636	-17.563	62.511	
ALLERIM - PATH	-49.882	-7.194	35.494	
ALLERIM - PREVHED	-59.704	-1.963	55.779	
ALLERIM - MED	-29.082	8.079	45.241	
ALLERIM - RAD	-27.986	11.013	50.012	
ALLERIM - PHYSMED	-25.926	14.679	55.283	
ALLERIM - PED	-24.882	15.367	56.016	
ALLERIM - OBOYN	-25.703	19.188	64.078	
ALLERIM - SMS	-26.549	24.094	74.737	
ALLERIM - NEURO	-17.430	24.144	65.718	
ALLERIM - SURG	-0.799	35.895	72.590	
ALLERIM - DON	6.443	42.892	79.342	***

15:41 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON		LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
ALLERIM - DPCCM		19.842	61.416	102.990	***
MED - HQ		-160.447	-88.142	-15.836	***
MED - PSYCH		-98.842	-39.049	-19.256	***
MED - CLININV		-97.947	-25.642	46.664	
MED - PATH		-40.544	-15.273	9.997	
MED - PREVMED		-56.414	-10.042	36.331	
MED - ALLERIM		-45.241	-8.079	29.082	
MED - RAD		-15.430	2.934	21.297	
MED - PHYSMED		-14.965	6.599	28.164	
MED - PED		-13.782	7.487	28.757	
MED - OBOYN		-17.726	11.108	39.942	
MED - SMS		-21.147	16.014	53.176	
MED - NEURO		-7.274	16.065	39.403	***
MED - SURG		15.058	27.816	40.574	***
MED - DON		22.778	34.813	46.849	***
MED - DPCCM		29.998	53.336	76.675	***
RAD - HQ		-164.342	-91.076	-17.809	***
RAD - PSYCH		-65.041	-41.983	-18.924	***
RAD - CLININV		-101.842	-28.576	44.691	
RAD - PATH		-46.109	-18.207	9.695	
RAD - PREVMED		-60.833	-12.976	34.882	
RAD - ALLERIM		-50.012	-11.013	27.986	
RAD - MED		-21.297	-2.934	15.430	
RAD - PHYSMED		-20.931	3.665	28.262	
RAD - PED		-19.784	4.594	28.892	
RAD - OBOYN		-22.992	8.174	39.341	
RAD - SMS		-25.918	13.081	52.080	
RAD - NEURO		-13.034	13.131	39.296	
RAD - SURG		7.484	24.882	42.280	***
RAD - DON		15.004	31.879	48.755	***
RAD - DPCCM		24.238	50.403	76.568	***
PHYSMED - HQ		-168.875	-94.741	-20.607	***
PHYSMED - PSYCH		-71.329	-45.648	-19.968	***
PHYSMED - CLININV		-106.375	-32.241	41.893	
PHYSMED - PATH		-51.978	-21.873	8.233	
PHYSMED - PREVMED		-65.816	-16.641	32.534	
PHYSMED - ALLERIM		-55.283	-14.679	25.926	
PHYSMED - MED		-28.164	-6.599	14.965	
PHYSMED - RAD		-28.262	-3.665	20.931	
PHYSMED - PED		-25.947	0.888	27.724	
PHYSMED - OBOYN		-28.645	4.509	37.663	
PHYSMED - SMS		-31.190	9.415	50.020	
PHYSMED - NEURO		-19.038	9.465	37.968	
PHYSMED - SURG		0.468	21.217	41.965	***
PHYSMED - DON		7.901	28.214	48.526	***
PHYSMED - DPCCM		18.234	46.737	75.240	***
PED - HQ		-169.678	-95.629	-21.581	***
PED - PSYCH		-71.970	-46.536	-21.103	***

15:41 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP	COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
PED	- CLININV	-107.178	-33.129	40.919	
PED	- PATH	-52.656	-22.761	7.134	
PED	- PREVMED	-66.975	-17.529	31.517	
PED	- ALLERIM	-56.016	-15.567	24.882	
PED	- MED	-28.757	-7.487	13.782	
PED	- RAD	-28.892	-4.554	19.784	
PED	- PHYSMED	-27.724	-0.888	25.947	
PED	- OBOYN	-29.342	3.621	36.583	
PED	- SWS	-31.922	8.527	48.976	
PED	- NEURO	-19.703	8.577	36.858	
PED	- SURG	-0.113	20.329	40.770	
PED	- DON	7.327	27.326	47.325	***
PED	- DPCCM	17.568	45.849	74.130	***
OBOYN	- HG	-175.815	-99.250	-22.685	***
OBOYN	- PSYCH	-82.187	-50.157	-18.128	***
OBOYN	- CLININV	-113.315	-36.750	39.815	
OBOYN	- PATH	-62.057	-26.382	9.294	
OBOYN	- PREVMED	-73.919	-21.150	31.619	
OBOYN	- ALLERIM	-64.078	-19.188	25.703	
OBOYN	- MED	-39.942	-11.108	17.726	
OBOYN	- RAD	-39.341	-8.174	22.992	
OBOYN	- PHYSMED	-37.663	-4.509	28.645	
OBOYN	- PED	-36.583	-3.621	29.342	
OBOYN	- SWS	-39.984	4.906	49.796	
OBOYN	- NEURO	-29.377	4.957	39.290	
OBOYN	- SURG	-11.521	16.708	44.937	
OBOYN	- DON	-4.205	23.705	51.615	***
OBOYN	- DPCCM	7.894	42.228	76.562	***
SWS	- HG	-184.230	-104.156	-24.083	***
SWS	- PSYCH	-94.756	-55.063	-15.371	***
SWS	- CLININV	-121.730	-41.656	38.417	
SWS	- PATH	-73.976	-31.288	11.401	
SWS	- PREVMED	-83.798	-26.056	31.686	
SWS	- ALLERIM	-74.737	-24.094	26.549	
SWS	- MED	-53.176	-16.014	21.147	
SWS	- RAD	-52.080	-13.081	25.918	
SWS	- PHYSMED	-50.020	-9.415	31.190	
SWS	- PED	-48.976	-8.527	31.922	
SWS	- OBOYN	-49.796	-4.906	39.984	
SWS	- NEURO	-41.524	0.090	41.624	
SWS	- SURG	-24.893	11.802	48.496	
SWS	- DON	-17.651	18.799	59.248	
SWS	- DPCCM	-4.252	37.322	78.896	
NEURO	- HG	-178.875	-104.207	-29.538	***
NEURO	- PSYCH	-82.301	-55.114	-27.926	***
NEURO	- CLININV	-116.375	-41.707	32.962	
NEURO	- PATH	-62.738	-31.338	0.062	
NEURO	- PREVMED	-76.085	-26.107	23.872	
NEURO	- ALLERIM	-65.718	-24.144	17.430	

15:41 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
NEURO - MED	-39.403	-16.065	-7.274	
NEURO - RAD	-39.296	-13.131	13.034	
NEURO - PHYSMED	-37.968	-9.465	19.038	
NEURO - PED	-36.858	-8.577	19.703	
NEURO - OBOYN	-39.290	-4.957	29.377	
NEURO - SNS	-41.624	-0.050	41.524	
NEURO - SURG	-10.835	11.751	34.338	
NEURO - DON	-3.438	18.748	40.935	***
NEURO - DPCCM	7.404	37.272	67.139	***
SURG - HQ	-188.024	-115.958	-43.892	***
SURG - PSYCH	-85.765	-66.865	-47.964	***
SURG - CLININV	-125.524	-53.458	18.608	***
SURG - PATH	-67.667	-43.089	-18.512	***
SURG - PREVMED	-83.857	-37.858	8.141	
SURG - ALLERIM	-72.590	-35.895	0.799	
SURG - MED	-40.574	-27.816	-15.098	***
SURG - RAD	-42.280	-24.882	-7.484	***
SURG - PHYSMED	-41.965	-21.217	-0.468	***
SURG - PED	-40.770	-20.329	0.113	
SURG - OBOYN	-44.937	-16.708	11.521	
SURG - SNS	-48.496	-11.802	24.893	
SURG - NEURO	-34.338	-11.751	10.835	
SURG - DON	-3.507	6.997	17.501	***
SURG - DPCCM	2.934	25.520	48.107	***
DON - HQ	-194.897	-122.955	-51.013	***
DON - PSYCH	-92.283	-73.862	-55.441	***
DON - CLININV	-132.397	-60.455	11.487	***
DON - PATH	-74.297	-50.087	-25.876	***
DON - PREVMED	-90.639	-44.855	0.949	***
DON - ALLERIM	-79.342	-42.892	-6.443	***
DON - MED	-46.849	-34.813	-22.778	***
DON - RAD	-48.755	-31.879	-15.004	***
DON - PHYSMED	-48.526	-28.214	-7.901	***
DON - PED	-47.325	-27.326	-7.327	***
DON - OBOYN	-51.615	-23.705	4.205	***
DON - SNS	-55.248	-18.799	17.651	
DON - NEURO	-40.935	-18.748	3.438	
DON - SURG	-17.501	-6.997	3.507	
DON - DPCCM	-3.663	18.523	40.710	***
DPCCM - HQ	-216.147	-141.478	-66.809	***
DPCCM - PSYCH	-119.573	-92.385	-65.198	***
DPCCM - CLININV	-153.647	-78.978	-4.309	***
DPCCM - PATH	-100.010	-68.610	-37.210	***
DPCCM - PREVMED	-113.356	-63.378	-13.400	***
DPCCM - ALLERIM	-102.990	-61.416	-19.842	***
DPCCM - MED	-76.675	-53.336	-29.998	***
DPCCM - RAD	-76.568	-50.403	-24.238	***
DPCCM - PHYSMED	-75.240	-46.737	-18.234	***
DPCCM - PED	-74.130	-45.849	-17.568	***

15:42 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	LOWER CONFIDENCE		DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE		
	LIMIT			LIMIT		
DPCCM - OBQYN	-76.562		-42.228	-7.894		***
DPCCM - SMS	-78.896		-37.322	4.252		
DPCCM - NEURO	-67.139		-37.272	-7.404		***
DPCCM - SURG	-48.107		-25.520	-2.934		***
DPCCM - DON	-40.710		-18.523	3.663		

SAS

15:42 MONDAY, JUNE 17, 1985

ANALYSIS OF VARIANCE PROCEDURE

TUKEY'S STUDENTIZED RANGE (HSD) TEST FOR VARIABLE: NPCT
 NOTE: THIS TEST CONTROLS THE TYPE I EXPERIMENTWISE ERROR RATE

ALPHA=0.05 CONFIDENCE=0.95 DF=709 MSE=2661.45
 CRITICAL VALUE OF STUDENTIZED RANGE=4.863

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

DP COMPARISON	SIMULTANEOUS CONFIDENCE LIMIT		DIFFERENCE BETWEEN MEANS		SIMULTANEOUS UPPER CONFIDENCE LIMIT		
	LOWER	UPPER					
HQ - PSYCH	-79.874	49.093			178.060		
HQ - CLININV	-114.889	62.900			239.889		
HQ - PATH	-59.001	72.868			204.738		
HQ - PREVMED	-70.314	78.100			226.514		
HQ - ALLERIM	-60.176	80.063			220.301		
HQ - MED	-38.491	88.142			214.775		
HQ - RAD	-37.241	91.076			219.392		
HQ - PHYSMED	-35.094	94.741			224.576		
HQ - PED	-34.057	95.627			225.319		
HQ - OBQYN	-34.843	99.250			233.343		
HQ - SMS	-36.082	104.156			244.394		
HQ - NEURO	-26.566	104.207			234.979		
HQ - SURQ	-10.256	115.958			242.172		
HQ - DON	-3.042	122.955			248.951		
HQ - DPCCM	10.706	141.478			272.251		***
PSYCH - HQ	-178.060	-49.093			79.874		
PSYCH - CLININV	-115.560	13.407			142.374		
PSYCH - PATH	-26.773	23.776			74.325		
PSYCH - PREVMED	-55.801	29.007			113.815		
PSYCH - ALLERIM	-38.546	30.970			100.485		
PSYCH - MED	4.385	39.049			73.713		***
PSYCH - RAD	1.599	41.983			82.366		***
PSYCH - PHYSMED	0.672	45.648			90.624		***
PSYCH - PED	1.993	46.536			91.080		***
PSYCH - OBQYN	-5.938	50.157			106.252		
PSYCH - SMS	-14.452	52.063			124.379		
PSYCH - NEURO	7.499	55.114			102.728		***
PSYCH - SURQ	33.763	66.865			99.967		***
PSYCH - DON	41.601	73.862			106.123		***
PSYCH - DPCCM	44.771	92.385			140.000		***
CLININV - HQ	-239.889	-62.300			114.889		
CLININV - PSYCH	-142.374	-13.407			115.560		
CLININV - PATH	-121.501	10.368			142.238		
CLININV - PREVMED	-132.814	15.600			164.014		
CLININV - ALLERIM	-122.676	17.563			157.801		
CLININV - MED	-100.991	25.642			152.275		
CLININV - RAD	-92.741	28.576			156.892		
CLININV - PHYSMED	-97.594	32.241			162.076		
CLININV - PED	-96.557	33.129			162.815		
CLININV - OBQYN	-97.343	36.750			170.843		

15:42 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	SIMULTANEOUS CONFIDENCE LIMIT		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS UPPER CONFIDENCE LIMIT	
	LOWER	UPPER		LOWER	UPPER
CLININV - SWS	-98.982	41.656	41.656	181.894	
CLININV - NEURO	-89.066	41.707	41.707	172.479	
CLININV - SURG	-72.756	53.458	53.458	179.672	
CLININV - DON	-65.542	60.455	60.455	186.451	
CLININV - DPCCM	-51.794	78.978	78.978	209.751	
PATH - HG	-204.738	-72.868	-72.868	59.001	
PATH - PSYCH	-74.325	-23.776	-23.776	26.773	
PATH - CLININV	-142.238	-10.368	-10.368	121.501	
PATH - PREVMED	-83.928	5.232	5.232	94.392	
PATH - ALLERIM	-67.569	7.194	7.194	81.957	
PATH - MED	-28.984	15.273	15.273	59.531	
PATH - RAD	-30.659	18.207	18.207	67.074	
PATH - PHYSMED	-30.853	21.873	21.873	74.598	
PATH - PED	-29.596	22.761	22.761	75.117	
PATH - OBQYN	-36.099	26.382	26.382	88.862	
PATH - SWS	-43.475	31.288	31.288	106.051	
PATH - NEURO	-23.653	31.338	31.338	86.331	
PATH - SURG	0.045	43.089	43.089	86.134	
PATH - DON	7.685	50.087	50.087	92.488	***
PATH - DPCCM	13.617	68.610	68.610	123.603	***
PREVMED - HG	-226.514	-78.100	-78.100	70.314	
PREVMED - PSYCH	-113.815	-29.007	-29.007	55.801	
PREVMED - CLININV	-164.014	-15.600	-15.600	132.814	
PREVMED - PATH	-94.392	-5.232	-5.232	83.928	
PREVMED - ALLERIM	-99.165	1.963	1.963	103.090	
PREVMED - MED	-71.173	10.042	10.042	91.257	
PREVMED - RAD	-70.841	12.976	12.976	96.792	
PREVMED - PHYSMED	-69.482	16.641	16.641	102.764	
PREVMED - PED	-68.368	17.529	17.529	103.427	
PREVMED - OBQYN	-71.267	21.150	21.150	113.567	
PREVMED - SWS	-75.071	26.056	26.056	127.183	
PREVMED - NEURO	-61.423	26.107	26.107	113.636	
PREVMED - SURG	-42.703	37.898	37.898	118.418	
PREVMED - DON	-35.364	44.855	44.855	125.074	
PREVMED - DPCCM	-24.152	63.378	63.378	150.908	
ALLERIM - HG	-220.301	-80.063	-80.063	60.176	
ALLERIM - PSYCH	-100.485	-30.970	-30.970	38.546	
ALLERIM - CLININV	-157.801	-17.563	-17.563	122.676	
ALLERIM - PATH	-81.957	-7.194	-7.194	67.569	
ALLERIM - PREVMED	-103.090	-1.963	-1.963	99.165	
ALLERIM - MED	-57.005	8.079	8.079	73.163	
ALLERIM - RAD	-57.289	11.013	11.013	79.315	
ALLERIM - PHYSMED	-56.435	14.679	14.679	85.792	
ALLERIM - PED	-55.274	15.567	15.567	86.408	
ALLERIM - OBQYN	-59.432	19.188	19.188	97.807	
ALLERIM - SWS	-64.601	24.094	24.094	112.788	
ALLERIM - NEURO	-48.667	24.144	24.144	96.955	
ALLERIM - SURG	-28.370	35.895	35.895	100.160	

15:42 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	SIMULTANEOUS		DIFFERENCE		SIMULTANEOUS	
	LOWER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT	MEANS	UPPER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT
ALLERIM - DON	-20.944	106.729	42.892	106.729		
ALLERIM - DPCCM	-11.399	134.227	61.416	134.227		
HG	-214.775	38.491	-88.142	38.491		***
PSYCH	-73.713	-4.385	-39.049	-4.385		
CLININV	-152.275	100.991	-29.642	100.991		
PATH	-59.531	28.984	-15.273	28.984		
PREVMED	-91.257	71.173	-10.042	71.173		
ALLERIM	-73.163	57.005	-8.079	57.005		
RAD	-29.228	35.095	2.934	35.095		
PHYSMED	-31.168	44.367	6.599	44.367		
PED	-29.763	44.738	7.487	44.738		
OBOYN	-39.391	61.608	11.108	61.608		
SMS	-49.069	81.098	16.014	81.098		
NEURO	-24.809	56.939	16.065	56.939		
SURQ	5.472	50.159	27.816	50.159		***
DON	13.735	55.892	34.813	55.892		***
DPCCM	12.462	94.210	53.336	94.210		***
HG	-219.392	37.241	-91.076	37.241		***
PSYCH	-82.366	-1.599	-41.983	-1.599		
CLININV	-156.892	99.741	-28.576	99.741		
PATH	-67.074	30.659	-18.207	30.659		
PREVMED	-96.792	70.841	-12.976	70.841		
ALLERIM	-79.315	57.289	-11.013	57.289		
MED	-35.095	29.228	-2.934	29.228		
PHYSMED	-39.411	46.742	3.665	46.742		
PED	-38.071	47.178	4.554	47.178		
OBOYN	-46.410	62.758	8.174	62.758		
SMS	-52.221	81.382	13.081	81.382		
NEURO	-32.694	58.956	13.131	58.956		
SURQ	-5.988	35.353	24.882	35.353		***
DON	2.324	61.435	31.879	61.435		***
DPCCM	4.578	96.227	50.403	96.227		***
HG	-224.576	35.094	-94.741	35.094		***
PSYCH	-90.624	-0.672	-45.648	-0.672		
CLININV	-162.076	97.594	-32.241	97.594		
PATH	-74.998	30.853	-21.873	30.853		
PREVMED	-102.764	69.482	-16.641	69.482		
ALLERIM	-85.792	56.435	-14.679	56.435		
MED	-44.367	31.168	-6.599	31.168		
PHYSMED	-46.742	39.411	-3.665	39.411		
PED	-46.110	47.887	0.888	47.887		
OBOYN	-53.555	62.573	4.509	62.573		
SMS	-61.699	80.529	9.415	80.529		
NEURO	-40.434	59.385	9.465	59.385		
SURQ	-15.122	57.555	21.217	57.555		
DON	-7.361	63.789	28.214	63.789		
DPCCM	-3.182	96.656	46.737	96.656		

15 42 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

		SIMULTANEOUS		DIFFERENCE		SIMULTANEOUS	
		LOWER		BETWEEN		UPPER	
		CONFIDENCE		MEANS		CONFIDENCE	
		LIMIT				LIMIT	
DP	COMPARISON						
PED	- HQ	-225.315	-95.629	-95.629		34.037	***
PED	- PSYCH	-91.080	-46.536	-46.536		-1.993	
PEU	- CLININV	-162.815	-33.129	-33.129		96.597	
PED	- PATH	-75.117	-22.761	-22.761		29.596	
PEU	- PREVMED	-103.427	-17.529	-17.529		68.368	
PED	- ALLERIM	-86.408	-15.567	-15.567		55.274	
PED	- MED	-44.738	-7.487	-7.487		29.763	
PED	- RAD	-47.178	-4.554	-4.554		38.071	
PED	- PHYSMED	-47.887	-0.888	-0.888		46.110	
PED	- OBOYN	-94.109	3.621	3.621		61.350	
PED	- SWS	-62.314	8.527	8.527		79.368	
PED	- NEURO	-40.952	8.577	8.577		58.107	
PED	- SURG	-15.473	20.329	20.329		56.130	
PED	- DON	-7.700	27.326	27.326		62.351	
PED	- DPCCM	-3.681	45.849	45.849		95.379	
OBOYN	- HQ	-233.343	-99.250	-99.250		34.843	
OBOYN	- PSYCH	-106.252	-50.157	-50.157		5.938	
OBOYN	- CLININV	-170.843	-36.750	-36.750		97.343	
OBOYN	- PATH	-88.862	-26.382	-26.382		36.099	
OBOYN	- PREVMED	-113.567	-21.150	-21.150		71.267	
OBOYN	- ALLERIM	-97.807	-19.188	-19.188		59.432	
OBOYN	- MED	-61.608	-11.108	-11.108		39.391	
OBOYN	- RAD	-62.758	-8.174	-8.174		46.410	
OBOYN	- PHYSMED	-62.573	-4.509	-4.509		53.555	
OBOYN	- PED	-61.350	-3.621	-3.621		54.109	
OBOYN	- SWS	-73.713	4.906	4.906		83.525	
OBOYN	- NEURO	-55.175	4.957	4.957		65.088	
OBOYN	- SURG	-32.732	16.708	16.708		66.148	
OBOYN	- DON	-25.176	23.705	23.705		72.586	
OBOYN	- DPCCM	-17.903	42.228	42.228		102.359	
SWS	- HQ	-244.394	-104.156	-104.156		36.082	
SWS	- PSYCH	-124.579	-55.063	-55.063		14.452	
SWS	- CLININV	-181.894	-41.656	-41.656		98.582	
SWS	- PATH	-106.051	-31.288	-31.288		43.475	
SWS	- PREVMED	-127.183	-26.056	-26.056		75.071	
SWS	- ALLERIM	-112.788	-24.094	-24.094		64.601	
SWS	- MED	-81.098	-16.014	-16.014		49.069	
SWS	- RAD	-81.382	-13.081	-13.081		55.221	
SWS	- PHYSMED	-80.529	-9.415	-9.415		61.699	
SWS	- PED	-79.368	-8.527	-8.527		62.314	
SWS	- OBOYN	-83.525	-4.906	-4.906		73.713	
SWS	- NEURO	-72.761	0.050	0.050		72.861	
SWS	- SURG	-52.464	11.802	11.802		76.067	
SWS	- DON	-45.038	18.799	18.799		82.635	
SWS	- DPCCM	-35.489	37.322	37.322		110.133	
NEURO	- HQ	-234.979	-104.207	-104.207		26.566	
NEURO	- PSYCH	-102.728	-55.114	-55.114		-7.499	***
NEURO	- CLININV	-172.479	-41.707	-41.707		89.066	

15:42 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

COMPARISON		SIMULTANEOUS LOWER CONFIDENCE LIMIT		DIFFERENCE BETWEEN MEANS		SIMULTANEOUS UPPER CONFIDENCE LIMIT	
DP		LOWER	LIMIT	MEANS		UPPER	
NEURO	- PATH	-86.331	-31.338	-26.107		23.655	
NEURO	- PREVMED	-113.636	-26.107	-26.107		61.423	
NEURO	- ALLERIM	-96.955	-24.144	-16.065		48.667	
NEURO	- MED	-56.939	-13.131	-9.465		24.809	
NEURO	- RAD	-38.956	-8.577	-4.957		32.694	
NEURO	- PHYSMED	-52.383	-8.577	-0.050		40.454	
NEURO	- PED	-58.107	-8.577	11.751		40.952	
NEURO	- OBQYN	-65.088	-27.806	18.748		57.605	
NEURO	- SMS	-72.861	-20.109	37.272		89.581	
NEURO	- SURG	-27.806	-15.037				
NEURO	- DON	-20.109					
NEURO	- DPCCM	-15.037					
SURG	- HG	-242.172	-115.958	-66.865		10.256	***
SURG	- PSYCH	-99.967	-53.458	-43.089		-33.763	***
SURG	- CLININV	-179.672	-37.838	-35.895		72.756	***
SURG	- PATH	-86.134	-27.816	-24.882		-0.045	***
SURG	- PREVMED	-118.418	-21.217	-20.329		42.703	
SURG	- ALLERIM	-100.160	-16.708	-11.802		28.370	
SURG	- MED	-50.159	-11.751	6.997		-5.472	
SURG	- RAD	-55.353	-20.329	25.520		5.588	
SURG	- PHYSMED	-57.955	-16.708			15.122	
SURG	- PED	-56.130	-11.802			32.732	
SURG	- OBQYN	-66.148	-11.751			52.464	
SURG	- SMS	-76.067	-11.751			27.806	
SURG	- NEURO	-51.309	6.997			25.393	
SURG	- DON	-11.399	25.520			65.078	
SURG	- DPCCM	-14.037					
DON	- HG	-248.951	-122.955	-73.862		-3.042	***
DON	- PSYCH	-106.123	-60.455	-50.087		-41.601	***
DON	- CLININV	-186.451	-44.895	-34.813		65.542	***
DON	- PATH	-92.488	-31.879	-28.214		-7.685	***
DON	- PREVMED	-125.074	-27.326	-23.705		35.364	***
DON	- ALLERIM	-106.729	-18.799	-18.748		20.944	***
DON	- MED	-59.892	-6.997	-6.997		-13.735	***
DON	- RAD	-61.435	-31.879	18.523		-2.324	***
DON	- PHYSMED	-63.789	-28.214			7.361	
DON	- PED	-62.351	-23.705			25.176	
DON	- OBQYN	-72.586	-18.799			49.038	
DON	- SMS	-82.635	-18.748			20.102	
DON	- NEURO	-57.605	-6.997			11.399	
DON	- SURG	-25.393	18.523			57.380	
DON	- DPCCM	-20.334					
DPCCM	- HG	-272.251	-141.478	-92.385		-10.706	***
DPCCM	- PSYCH	-140.000	-78.978	-68.610		-44.771	***
DPCCM	- CLININV	-209.731	-63.378	-61.416		31.794	***
DPCCM	- PATH	-123.603				-13.617	***
DPCCM	- PREVMED	-150.908				24.152	
DPCCM	- ALLERIM	-134.227				11.395	

15 42 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	SIMULTANEOUS LOWER		DIFFERENCE BETWEEN		SIMULTANEOUS UPPER	
	CONFIDENCE LIMIT		MEANS		CONFIDENCE LIMIT	
DPCCH - MED	-94.210		-53.336		-12.462	***
DPCCH - RAD	-96.227		-50.403		-4.578	***
DPCCH - PHYSMED	-96.656		-46.737		3.182	
DPCCH - PED	-95.379		-45.849		3.681	
DPCCH - OBQYN	-102.359		-42.238		17.903	
DPCCH - SWS	-110.133		-37.322		35.489	
DPCCH - NEURO	-89.981		-37.272		15.037	
DPCCH - SURG	-65.078		-25.520		14.037	
DPCCH - DON	-57.380		-18.523		20.334	

APPENDIX NN

ANOVA TESTING
DEPARTMENT/SEPARATE SERVICE
NAT

15.45 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

CLASS LEVEL INFORMATION

CLASS	LEVEL S	VALUES
DP	16	ALLERIIH CLININV DON DPCCM HQ MED NEURO OBGYN PATH PED PHYSMED PREVHED PSYCH RAD SURG SWS

NUMBER OF OBSERVATIONS IN DATA SET = 725

15:45 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DEPENDENT VARIABLE: NAT

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C
MODEL	15	37206.36248598	2480.43749907	1.72	0.0425	0.035141	104.6
ERROR	709	1021567.39238989	1440.85668884		ROOT MSE		NAT M
CORRECTED TOTAL	724	1038773.95487586			37.95861811		36.25558

SOURCE	DF	ANOVA SS	F VALUE	PR > F
DP	15	37206.36248598	1.72	0.0425

SAS

15:46 MONDAY, JUNE 17, 1985

ANALYSIS OF VARIANCE PROCEDURE

T TESTS (LSD) FOR VARIABLE: NAT
 NOTE: THIS TEST CONTROLS THE TYPE I COMPARISONWISE ERROR RATE,
 NOT THE EXPERIMENTWISE ERROR RATE.

ALPHA=0.05 CONFIDENCE=0.95 DF=709 MSE=1440.86
 CRITICAL VALUE OF T=1.96332

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

DP COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT
H3 - PREVMED	-43.352	18.800	81.152
H3 - SMS	-38.948	19.969	78.886
H3 - PHYSMED	-30.288	24.259	78.803
H3 - DPCCM	-25.788	29.152	84.093
H3 - DON	-23.004	29.930	82.864
H3 - PED	-22.984	31.500	85.984
H3 - SURG	-19.391	33.634	86.660
H3 - RAD	-19.583	34.326	88.234
H3 - PATH	-13.191	42.211	97.612
H3 - ALLERIM	-16.479	42.437	101.354
H3 - OBQYN	-12.639	43.696	100.032
H3 - PSYCH	-10.425	43.757	97.939
H3 - MED	-9.208	43.993	97.194
H3 - NEURO	-3.125	51.815	106.756
H3 - CLININV	-13.023	59.500	134.025
PREVMED - HQ	-81.152	-18.800	43.352
PREVMED - SMS	-41.317	1.169	43.654
PREVMED - PHYSMED	-30.723	5.459	41.641
PREVMED - DPCCM	-26.421	10.352	47.125
PREVMED - DON	-22.572	11.130	44.832
PREVMED - PED	-23.387	12.700	48.787
PREVMED - SURG	-19.011	14.834	48.680
PREVMED - RAD	-19.687	15.526	50.738
PREVMED - PATH	-14.047	23.411	60.869
PREVMED - ALLERIM	-18.848	23.638	66.123
PREVMED - OBQYN	-13.930	24.896	63.723
PREVMED - PSYCH	-10.673	24.957	60.587
PREVMED - MED	-8.927	25.193	59.313
PREVMED - NEURO	-3.758	33.015	69.788
PREVMED - CLININV	-21.652	40.700	103.052
SMS - HQ	-78.886	-19.969	38.948
SMS - PREVMED	-43.654	-1.169	41.317
SMS - PHYSMED	-25.586	4.290	34.167
SMS - DPCCM	-21.406	9.183	39.773
SMS - DON	-16.858	9.961	36.780
SMS - PED	-18.230	11.531	41.293
SMS - SURG	-13.334	13.666	40.665
SMS - RAD	-14.338	14.357	43.052
SMS - PATH	-9.168	22.242	53.651
SMS - ALLERIM	-14.794	22.469	59.731

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP	COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
SMS	- OBQYN	-9.303	23.728	56.757	
SMS	- PSYCH	-5.417	23.788	52.993	
SMS	- MED	-3.319	24.024	51.367	
SMS	- NEURO	1.257	31.846	62.436	***
SMS	- CLININV	-19.386	39.531	98.448	
PHYSMED	- HQ	-78.805	-24.259	30.288	
PHYSMED	- PREVMD	-41.641	-3.459	30.723	
PHYSMED	- SMS	-34.167	-4.290	25.586	
PHYSMED	- DPCCM	-16.079	4.893	25.865	
PHYSMED	- DON	-9.275	9.671	20.617	
PHYSMED	- PED	-12.504	7.241	26.986	
PHYSMED	- SURQ	-5.891	9.375	24.642	
PHYSMED	- RAD	-8.031	10.067	28.164	
PHYSMED	- PATH	-4.199	17.952	40.103	
PHYSMED	- ALLERIM	-11.698	18.179	48.055	
PHYSMED	- OBQYN	-4.956	19.438	43.831	
PHYSMED	- PSYCH	0.603	19.498	38.394	***
PHYSMED	- MED	3.867	19.734	35.601	***
PHYSMED	- NEURO	6.584	27.556	48.528	***
PHYSMED	- CLININV	-19.305	35.241	89.788	
DPCCM	- HQ	-84.093	-29.152	25.788	
DPCCM	- PREVMD	-47.125	-10.352	26.421	
DPCCM	- SMS	-39.773	-9.183	21.406	
DPCCM	- PHYSMED	-25.865	-4.893	16.079	
DPCCM	- DON	-15.547	0.778	17.102	
DPCCM	- PED	-18.461	2.348	23.156	
DPCCM	- SURQ	-12.137	4.482	21.101	
DPCCM	- RAD	-14.079	5.173	24.425	
DPCCM	- PATH	-10.046	13.058	36.162	
DPCCM	- ALLERIM	-17.304	13.285	43.875	
DPCCM	- OBQYN	-10.718	14.544	39.807	
DPCCM	- PSYCH	-5.399	14.605	34.609	
DPCCM	- MED	-2.331	14.841	32.013	
DPCCM	- NEURO	0.687	22.663	44.639	***
DPCCM	- CLININV	-24.593	30.348	85.288	
DON	- HQ	-82.864	-29.930	23.004	
DON	- PREVMD	-44.832	-11.130	22.572	
DON	- SMS	-36.780	-9.961	16.858	
DON	- PHYSMED	-20.617	-5.671	9.275	
DON	- DPCCM	-17.102	-0.778	15.547	
DON	- PED	-13.145	1.570	16.285	
DON	- SURQ	-4.024	3.704	11.433	
DON	- RAD	-8.021	4.396	16.813	
DON	- PATH	-5.533	12.281	30.094	
DON	- ALLERIM	-14.311	12.508	39.327	
DON	- OBQYN	-6.770	13.766	34.302	
DON	- PSYCH	0.274	13.827	27.381	***
DON	- MED	5.207	14.063	22.918	***
DON	- NEURO	5.561	21.885	38.210	***

15:46 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT
DON - CLININV	-23.364	29.570	82.504
PED - HQ	-85.984	-31.500	22.984
PED - PREVMD	-48.787	-12.700	23.387
PED - SMS	-41.293	-11.531	18.230
PED - PHYSMD	-26.986	-7.241	12.504
PED - DPCCM	-23.156	-2.348	18.461
PED - DON	-16.285	-1.570	13.145
PED - SURG	-12.906	2.134	17.175
PED - RAD	-15.082	2.826	20.733
PED - PATH	-11.286	10.711	32.707
PED - ALLERIM	-18.824	10.937	40.699
PED - OBQYN	-12.057	12.196	36.450
PED - PSYCH	-6.456	12.297	30.971
PED - MED	-3.157	12.493	28.143
PED - NEURO	-0.493	20.315	41.124
PED - CLININV	-26.484	28.000	82.484
SURG - HQ	-86.660	-33.634	19.391
SURG - PREVMD	-48.680	-14.834	19.011
SURG - SMS	-40.665	-13.666	13.334
SURG - PHYSMD	-24.642	-9.375	5.891
SURG - DPCCM	-21.101	-4.482	12.137
SURG - DON	-11.433	-3.704	4.024
SURG - PED	-17.175	-2.134	12.906
SURG - RAD	-12.110	0.691	13.493
SURG - PATH	-9.508	8.576	26.660
SURG - ALLERIM	-18.196	8.803	35.802
SURG - OBQYN	-10.709	10.062	30.833
SURG - PSYCH	-3.784	10.123	24.029
SURG - MED	0.971	10.358	19.745
SURG - NEURO	1.562	18.181	34.800
SURG - CLININV	-27.160	25.866	78.891
RAD - HQ	-88.234	-34.326	19.583
RAD - PREVMD	-50.738	-15.526	19.687
RAD - SMS	-43.032	-14.327	14.338
RAD - PHYSMD	-28.164	-10.067	8.031
RAD - DPCCM	-24.425	-5.173	14.079
RAD - DON	-16.813	-4.396	8.021
RAD - PED	-20.733	-2.826	15.082
RAD - SURG	-13.493	-0.691	12.110
RAD - PATH	-12.645	7.885	28.415
RAD - ALLERIM	-20.583	8.112	36.807
RAD - OBQYN	-13.561	9.371	32.303
RAD - PSYCH	-7.534	9.432	26.398
RAD - MED	-3.844	9.667	23.179
RAD - NEURO	-1.762	17.490	36.742
RAD - CLININV	-28.734	25.174	79.083
PATH - HQ	-97.612	-42.211	13.191
PATH - PREVMD	-60.869	-23.411	14.047

15:46 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT
PATH - SMS	-53.431	-22.242	9.169
PATH - PHYSMED	-40.103	-17.952	4.199
PATH - DPCCM	-36.162	-13.058	10.046
PATH - DON	-30.094	-12.281	5.533
PATH - PED	-32.707	-10.711	11.286
PATH - SURG	-26.660	-8.976	9.508
PATH - RAD	-28.415	-7.885	12.645
PATH - ALLERIM	-31.182	0.227	31.636
PATH - OBOYN	-24.763	1.486	27.739
PATH - PSYCH	-19.690	1.547	22.783
PATH - MED	-16.811	1.782	20.376
PATH - NEURO	-13.499	9.605	32.709
PATH - CLININV	-38.112	17.289	72.691
ALLERIM - HQ	-101.354	-42.437	16.479
ALLERIM - PREVMED	-66.123	-23.638	18.848
ALLERIM - SMS	-59.731	-22.469	14.794
ALLERIM - PHYSMED	-48.055	-18.179	11.698
ALLERIM - DPCCM	-43.875	-13.285	17.304
ALLERIM - DON	-39.327	-12.508	14.311
ALLERIM - PED	-40.699	-10.937	18.824
ALLERIM - SURG	-35.802	-8.803	18.196
ALLERIM - RAD	-36.807	-8.112	20.583
ALLERIM - PATH	-31.636	-0.227	31.182
ALLERIM - OBOYN	-31.771	1.259	34.288
ALLERIM - PSYCH	-27.885	1.320	30.525
ALLERIM - MED	-25.788	1.555	28.898
ALLERIM - NEURO	-21.212	9.378	39.967
ALLERIM - CLININV	-41.854	17.063	75.979
OBOYN - HQ	-100.032	-43.696	12.639
OBOYN - PREVMED	-63.723	-24.896	13.930
OBOYN - SMS	-56.757	-23.728	9.302
OBOYN - PHYSMED	-43.831	-19.438	4.956
OBOYN - DPCCM	-39.807	-14.544	10.718
OBOYN - DON	-34.302	-13.766	6.770
OBOYN - PED	-34.450	-12.196	12.057
OBOYN - SURG	-30.833	-10.062	10.709
OBOYN - RAD	-32.303	-9.371	13.561
OBOYN - PATH	-27.735	-1.486	24.763
OBOYN - ALLERIM	-34.288	-1.259	31.771
OBOYN - PSYCH	-23.506	0.061	23.628
OBOYN - MED	-20.920	0.296	21.512
OBOYN - NEURO	-17.144	8.119	33.381
OBOYN - CLININV	-40.532	15.804	72.139
PSYCH - HQ	-97.939	-43.757	10.425
PSYCH - PREVMED	-60.587	-24.957	10.673
PSYCH - SMS	-52.993	-23.788	5.417
PSYCH - PHYSMED	-38.394	-19.498	-0.603
PSYCH - DPCCM	-34.609	-14.605	5.399
PSYCH - DON	-27.381	-13.827	-0.274

15:46 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT
CLININV - ALLERIM	-75.979	-17.063	41.854
CLININV - OBGYN	-72.139	-15.804	40.532
CLININV - PSYCH	-69.925	-15.743	38.439
CLININV - MED	-68.708	-15.507	37.694
CLININV - NEURO	-62.625	-7.685	47.256

15:46 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

TUKEY'S STUDENTIZED RANGE (HSD) TEST FOR VARIABLE: NAT
NOTE: THIS TEST CONTROLS THE TYPE I EXPERIMENTWISE ERROR RATE

ALPHA=0.05 CONFIDENCE=0.95 DE=709 MSE=1440.86
CRITICAL VALUE OF STUDENTIZED RANGE=4.863

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

DP COMPARISON	SIMULTANEOUS CONFIDENCE LIMIT		DIFFERENCE BETWEEN MEANS		SIMULTANEOUS UPPER CONFIDENCE LIMIT	
	LOWER	UPPER				
HQ - PREVMD	-90.401	18.800			128.001	
HQ - SMS	-83.216	19.969			123.154	
HQ - PHYSMD	-71.272	24.257			119.790	
HQ - DPCCM	-67.069	29.152			125.373	
HQ - DON	-62.777	29.930			122.636	
HQ - PED	-63.921	31.500			126.921	
HQ - SURQ	-59.232	33.634			126.501	
HQ - RAD	-60.088	34.326			128.739	
HQ - PATH	-54.817	42.211			139.238	
HQ - ALLERIM	-60.748	42.437			145.623	
HQ - OBOYN	-54.968	43.696			142.360	
HQ - PSYCH	-51.135	43.757			138.649	
HQ - MED	-49.182	43.993			137.168	
HQ - NEURO	-44.405	51.815			148.036	
HQ - CLININV	-71.020	59.500			190.020	
PREVMD - HQ	-128.001	-18.800			90.401	
PREVMD - SMS	-73.239	1.169			75.577	
PREVMD - PHYSMD	-57.909	5.459			68.827	
PREVMD - DPCCM	-54.051	10.352			74.755	
PREVMD - DON	-47.894	11.130			70.154	
PREVMD - PED	-50.502	12.700			75.902	
PREVMD - SURQ	-44.441	14.834			74.110	
PREVMD - RAD	-46.143	15.326			77.196	
PREVMD - PATH	-42.192	23.411			89.013	
PREVMD - ALLERIM	-50.770	23.638			98.045	
PREVMD - OBOYN	-43.103	24.876			92.876	
PREVMD - PSYCH	-37.443	24.957			87.358	
PREVMD - MED	-34.564	25.193			84.950	
PREVMD - NEURO	-31.388	33.015			97.418	
PREVMD - CLININV	-68.501	40.700			149.901	
SMS - HQ	-123.134	-19.969			83.216	
SMS - PREVMD	-75.577	-1.169			73.239	
SMS - PHYSMD	-48.034	4.290			56.615	
SMS - DPCCM	-44.390	9.183			62.757	
SMS - DON	-37.009	9.961			56.931	
SMS - PED	-40.592	11.531			63.655	
SMS - SURQ	-33.620	13.666			60.951	
SMS - RAD	-35.899	14.397			64.612	
SMS - PATH	-32.768	22.242			77.251	
SMS - ALLERIM	-42.791	22.469			87.729	

15:46 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	SIMULTANEOUS CONFIDENCE LIMIT		DIFFERENCE BETWEEN MEANS		SIMULTANEOUS UPPER CONFIDENCE LIMIT	
	LOWER	UPPER	MEANS	MEANS	UPPER	UPPER
SMS - OBQYN	-34.119	23.728	23.788	81.979	81.979	81.979
SMS - PSYCH	-27.360	23.788	23.788	74.937	74.937	74.937
SMS - MED	-23.864	24.024	24.024	71.912	71.912	71.912
SMS - NEURO	-21.727	31.846	31.846	85.420	85.420	85.420
SMS - CLININV	-63.654	39.531	39.531	142.716	142.716	142.716
PHYSMED - HQ	-119.790	-24.259	-24.259	71.272	71.272	71.272
PHYSMED - PREVVED	-68.827	-5.459	-5.459	57.909	57.909	57.909
PHYSMED - SMS	-56.615	-4.290	-4.290	48.034	48.034	48.034
PHYSMED - DPCCM	-31.837	4.893	4.893	41.623	41.623	41.623
PHYSMED - DON	-20.504	5.671	5.671	31.846	31.846	31.846
PHYSMED - PED	-27.340	7.241	7.241	41.822	41.822	41.822
PHYSMED - SURG	-17.362	9.375	9.375	36.113	36.113	36.113
PHYSMED - RAD	-21.629	10.067	10.067	41.762	41.762	41.762
PHYSMED - PATH	-20.843	17.952	17.952	56.746	56.746	56.746
PHYSMED - ALLERIM	-34.146	18.179	18.179	70.503	70.503	70.503
PHYSMED - OBQYN	-23.285	19.438	19.438	62.160	62.160	62.160
PHYSMED - PSYCH	-13.595	19.498	19.498	52.591	52.591	52.591
PHYSMED - MED	-8.055	19.734	19.734	47.523	47.523	47.523
PHYSMED - NEURO	-9.174	27.556	27.556	64.286	64.286	64.286
PHYSMED - CLININV	-60.290	35.241	35.241	130.772	130.772	130.772
DPCCM - HQ	-125.373	-29.152	-29.152	67.069	67.069	67.069
DPCCM - PREVVED	-74.755	-10.352	-10.352	54.051	54.051	54.051
DPCCM - SMS	-62.757	-9.183	-9.183	44.390	44.390	44.390
DPCCM - PHYSMED	-41.623	-4.893	-4.893	31.837	31.837	31.837
DPCCM - DON	-27.813	0.778	0.778	29.368	29.368	29.368
DPCCM - PED	-34.095	2.348	2.348	38.791	38.791	38.791
DPCCM - SURG	-24.624	4.482	4.482	33.988	33.988	33.988
DPCCM - RAD	-28.544	5.173	5.173	38.891	38.891	38.891
DPCCM - PATH	-27.405	13.058	13.058	53.522	53.522	53.522
DPCCM - ALLERIM	-40.288	13.285	13.285	66.859	66.859	66.859
DPCCM - OBQYN	-29.699	14.544	14.544	58.788	58.788	58.788
DPCCM - PSYCH	-20.429	14.605	14.605	49.639	49.639	49.639
DPCCM - MED	-15.234	14.841	14.841	44.915	44.915	44.915
DPCCM - NEURO	-15.825	22.663	22.663	61.151	61.151	61.151
DPCCM - CLININV	-65.873	30.348	30.348	126.569	126.569	126.569
DON - HQ	-122.636	-29.930	-29.930	62.777	62.777	62.777
DON - PREVVED	-70.154	-11.130	-11.130	47.894	47.894	47.894
DON - SMS	-56.931	-9.961	-9.961	37.009	37.009	37.009
DON - PHYSMED	-31.846	-5.671	-5.671	20.504	20.504	20.504
DON - DPCCM	-29.368	-0.778	-0.778	27.813	27.813	27.813
DON - PED	-24.201	1.570	1.570	27.341	27.341	27.341
DON - SURG	-9.831	3.704	3.704	17.240	17.240	17.240
DON - RAD	-17.351	4.396	4.396	26.142	26.142	26.142
DON - PATH	-18.918	12.281	12.281	43.479	43.479	43.479
DON - ALLERIM	-34.462	12.508	12.508	59.477	59.477	59.477
DON - OBQYN	-22.200	13.766	13.766	49.733	49.733	49.733
DON - PSYCH	-9.910	13.827	13.827	37.565	37.565	37.565
DON - MED	-1.446	14.063	14.063	29.572	29.572	29.572

15:46 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON		SIMULTANEOUS LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	SIMULTANEOUS UPPER CONFIDENCE LIMIT
DON	- NEURO	-6.705	21.885	50.476
DON	- CLININV	-63.136	29.570	122.277
PED	- HQ	-126.921	-31.500	63.921
PED	- PREVMED	-75.902	-12.700	50.502
PEU	- SMS	-63.655	-11.531	40.592
PED	- PHYSMED	-41.822	-7.241	27.340
PED	- DPCCM	-38.791	-2.348	34.095
PED	- DON	-27.341	-1.570	24.201
PED	- SURG	-24.208	2.134	28.476
PED	- RAD	-28.537	2.826	34.188
PED	- PATH	-27.813	10.711	49.234
PED	- ALLERIM	-41.186	10.937	63.061
PED	- OBQYN	-30.280	12.196	54.673
PED	- PSYCH	-20.517	12.257	45.032
PED	- MED	-14.916	12.493	39.901
PED	- NEURO	-16.128	20.315	56.758
PED	- CLININV	-67.421	28.000	123.421
SURG	- HQ	-126.501	-33.634	59.232
SURG	- PREVMED	-74.110	-14.834	44.441
SURG	- SMS	-60.951	-13.666	33.620
SURG	- PHYSMED	-36.113	-9.375	17.362
SURG	- DPCCM	-33.588	-4.482	24.624
SURG	- DON	-17.240	-3.704	9.831
SURG	- PED	-28.476	-2.134	24.208
SURG	- RAD	-21.729	0.691	23.111
SURG	- PATH	-23.095	8.976	40.248
SURG	- ALLERIM	-38.482	8.803	56.089
SURG	- OBQYN	-26.315	10.062	46.439
SURG	- PSYCH	-14.233	10.123	34.478
SURG	- MED	-6.082	10.358	26.798
SURG	- NEURO	-10.925	18.181	47.287
SURG	- CLININV	-67.001	25.866	118.732
RAD	- HQ	-128.739	-34.326	60.088
RAD	- PREVMED	-77.196	-15.526	46.145
RAD	- SMS	-64.612	-14.357	35.899
RAD	- PHYSMED	-41.762	-10.067	21.629
RAD	- DPCCM	-38.891	-5.173	28.944
RAD	- DON	-26.142	-4.396	17.351
RAD	- PED	-34.188	-2.826	28.537
RAD	- SURG	-23.111	-0.691	21.729
RAD	- PATH	-28.070	7.885	43.840
RAD	- ALLERIM	-42.144	8.112	58.367
RAD	- OBQYN	-30.791	9.371	49.533
RAD	- PSYCH	-20.282	9.432	39.145
RAD	- MED	-13.997	9.667	33.331
RAD	- NEURO	-16.228	17.490	51.207
RAD	- CLININV	-69.239	25.174	119.588

15:46 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	SIMULTANEOUS CONFIDENCE		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS CONFIDENCE	
	LOWER LIMIT	UPPER LIMIT		LOWER LIMIT	UPPER LIMIT
PATH - HG	-139.238	-42.211	-42.211	-42.211	54.817
PATH - PREVHED	-89.013	-23.411	-23.411	-23.411	42.192
PATH - SMS	-77.251	-22.242	-22.242	-22.242	32.768
PATH - PHYSMED	-56.746	-17.952	-17.952	-17.952	20.843
PATH - DPCCH	-53.522	-13.058	-13.058	-13.058	27.405
PATH - DON	-43.479	-12.281	-12.281	-12.281	18.918
PATH - PED	-49.234	-10.711	-10.711	-10.711	27.813
PATH - SURG	-40.248	-8.576	-8.576	-8.576	23.095
PATH - RAD	-43.840	-7.885	-7.885	-7.885	28.070
PATH - ALLERIM	-54.783	0.227	0.227	0.227	35.236
PATH - OBOYN	-44.486	1.486	1.486	1.486	47.458
PATH - PSYCH	-35.647	1.547	1.547	1.547	38.740
PATH - MED	-30.782	1.782	1.782	1.782	34.346
PATH - NEURO	-30.859	9.605	9.605	9.605	50.068
PATH - CLININV	-79.738	17.289	17.289	17.289	114.317
ALLERIM - HG	-145.623	-42.437	-42.437	-42.437	60.748
ALLERIM - PREVHED	-98.045	-23.638	-23.638	-23.638	50.770
ALLERIM - SMS	-87.729	-22.469	-22.469	-22.469	42.791
ALLERIM - PHYSMED	-70.503	-18.179	-18.179	-18.179	34.146
ALLERIM - DPCCH	-66.859	-13.285	-13.285	-13.285	40.288
ALLERIM - DON	-59.477	-12.508	-12.508	-12.508	34.462
ALLERIM - PED	-63.061	-10.937	-10.937	-10.937	41.186
ALLERIM - SURG	-56.089	-8.803	-8.803	-8.803	38.482
ALLERIM - RAD	-58.367	-8.112	-8.112	-8.112	42.144
ALLERIM - PATH	-55.236	-0.227	-0.227	-0.227	54.783
ALLERIM - OBOYN	-56.588	1.259	1.259	1.259	59.106
ALLERIM - PSYCH	-49.829	1.320	1.320	1.320	52.468
ALLERIM - MED	-46.333	1.555	1.555	1.555	49.443
ALLERIM - NEURO	-44.196	9.378	9.378	9.378	62.951
ALLERIM - CLININV	-86.123	17.063	17.063	17.063	120.248
OBOYN - HG	-142.360	-43.696	-43.696	-43.696	54.968
OBOYN - PREVHED	-92.896	-24.896	-24.896	-24.896	43.103
OBOYN - SMS	-81.575	-23.728	-23.728	-23.728	34.119
OBOYN - PHYSMED	-62.160	-19.438	-19.438	-19.438	23.285
OBOYN - DPCCH	-58.788	-14.544	-14.544	-14.544	29.699
OBOYN - DON	-49.733	-13.766	-13.766	-13.766	22.200
OBOYN - PED	-54.673	-12.196	-12.196	-12.196	30.280
OBOYN - SURG	-46.439	-10.062	-10.062	-10.062	26.315
OBOYN - RAD	-49.533	-9.371	-9.371	-9.371	30.791
OBOYN - PATH	-47.458	-1.486	-1.486	-1.486	44.486
OBOYN - ALLERIM	-59.106	-1.259	-1.259	-1.259	56.588
OBOYN - PSYCH	-41.213	0.061	0.061	0.061	41.335
OBOYN - MED	-36.860	0.296	0.296	0.296	37.453
OBOYN - NEURO	-36.123	8.119	8.119	8.119	52.362
OBOYN - CLININV	-82.860	15.804	15.804	15.804	114.468
PSYCH - HG	-138.649	-43.757	-43.757	-43.757	51.135
PSYCH - PREVHED	-87.358	-24.957	-24.957	-24.957	37.443
PSYCH - SMS	-74.937	-23.788	-23.788	-23.788	27.360

15:46 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP	COMPARISON	SIMULTANEOUS		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS	
		LOWER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT		LOWER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT
PSYCH	- PHYSMED	-52.991	13.995	-19.498	-52.991	13.995
PSYCH	- DPCCM	-49.639	20.429	-14.605	-49.639	20.429
PSYCH	- DON	-37.969	9.910	-13.827	-37.969	9.910
PSYCH	- PED	-45.032	20.917	-12.297	-45.032	20.917
PSYCH	- SURG	-34.478	14.233	-10.123	-34.478	14.233
PSYCH	- RAD	-39.145	20.282	-9.432	-39.145	20.282
PSYCH	- PATH	-38.740	35.647	-1.547	-38.740	35.647
PSYCH	- ALLERIM	-52.468	49.829	-1.320	-52.468	49.829
PSYCH	- OBQYN	-41.335	41.213	-0.061	-41.335	41.213
PSYCH	- MED	-25.270	25.741	0.236	-25.270	25.741
PSYCH	- NEURO	-26.976	43.092	8.058	-26.976	43.092
PSYCH	- CLININV	-79.149	110.635	15.743	-79.149	110.635
MED	- HQ	-137.168	49.182	-43.993	-137.168	49.182
MED	- PREVMED	-84.950	34.564	-25.193	-84.950	34.564
MED	- SMS	-71.912	23.864	-24.024	-71.912	23.864
MED	- PHYSMED	-47.523	8.055	-19.734	-47.523	8.055
MED	- DPCCM	-44.915	15.234	-14.841	-44.915	15.234
MED	- DON	-29.572	1.446	-14.063	-29.572	1.446
MED	- PED	-39.901	14.916	-12.493	-39.901	14.916
MED	- SURG	-26.798	6.082	-10.358	-26.798	6.082
MED	- RAD	-33.331	13.997	-9.667	-33.331	13.997
MED	- PATH	-34.346	30.782	-1.782	-34.346	30.782
MED	- ALLERIM	-49.443	46.333	-1.553	-49.443	46.333
MED	- OBQYN	-37.453	36.860	-0.296	-37.453	36.860
MED	- PSYCH	-25.741	25.270	-0.236	-25.741	25.270
MED	- NEURO	-22.252	37.897	7.822	-22.252	37.897
MED	- CLININV	-77.668	108.682	15.507	-77.668	108.682
NEURO	- HQ	-148.036	44.405	-51.815	-148.036	44.405
NEURO	- PREVMED	-97.418	31.388	-33.015	-97.418	31.388
NEURO	- SMS	-85.420	21.727	-31.846	-85.420	21.727
NEURO	- PHYSMED	-64.286	9.174	-27.556	-64.286	9.174
NEURO	- DPCCM	-61.191	19.829	-22.663	-61.191	19.829
NEURO	- DON	-50.476	6.705	-21.885	-50.476	6.705
NEURO	- PED	-56.758	16.128	-20.315	-56.758	16.128
NEURO	- SURG	-47.287	10.925	-18.181	-47.287	10.925
NEURO	- RAD	-51.207	16.228	-17.490	-51.207	16.228
NEURO	- PATH	-50.068	30.859	-9.605	-50.068	30.859
NEURO	- ALLERIM	-62.951	44.196	-9.378	-62.951	44.196
NEURO	- OBQYN	-52.362	36.125	-8.119	-52.362	36.125
NEURO	- PSYCH	-43.092	26.976	-8.058	-43.092	26.976
NEURO	- MED	-37.897	22.252	-7.822	-37.897	22.252
NEURO	- CLININV	-88.536	103.905	7.685	-88.536	103.905
CLININV	- HQ	-190.020	71.020	-59.500	-190.020	71.020
CLININV	- PREVMED	-149.901	68.501	-40.700	-149.901	68.501
CLININV	- SMS	-142.716	63.634	-39.531	-142.716	63.634
CLININV	- PHYSMED	-130.772	60.290	-35.241	-130.772	60.290
CLININV	- DPCCM	-126.569	65.873	-30.348	-126.569	65.873
CLININV	- DON	-122.277	63.136	-29.570	-122.277	63.136

15:46 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	SIMULTANEOUS LOWER CONFIDENCE		DIFFERENCE BETWEEN MEANS		SIMULTANEOUS UPPER CONFIDENCE	
	LIMIT		LIMIT		LIMIT	
CLININV - PED	-123.421		-28.000		67.421	
CLININV - SURG	-118.732		-25.866		67.001	
CLININV - RAD	-119.588		-25.174		69.239	
CLININV - PATH	-114.317		-17.289		79.738	
CLININV - ALLERIM	-120.248		-17.063		86.123	
CLININV - OBQYN	-114.468		-15.804		82.860	
CLININV - PSYCH	-110.635		-15.743		79.149	
CLININV - MED	-108.682		-15.507		77.668	
CLININV - NEURO	-103.905		-7.685		88.536	

APPENDIX OO

ANOVA TESTING
DEPARTMENT/SEPARATE SERVICE
TT

15:50 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

CLASS LEVEL INFORMATION

CLASS	LEVELS	VALUES
DP	16	ALLERIM CLININV DON DPCCM HQ MED NEURO OBGYN PATH PED PHYSMED PREV MED PSYCH RAD SURG SMS

NUMBER OF OBSERVATIONS IN DATA SET = 725

SAS
15:51 MONDAY, JUNE 17, 1985

ANALYSIS OF VARIANCE PROCEDURE

DEPENDENT VARIABLE: TT

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C
MODEL	13	787589.21575395	52503.94771693	18.25	0.0001	0.278368	23.2
ERROR	709	2039686.46474261	2876.84973871		ROOT MSE		TT M
CORRECTED TOTAL	724	2827275.68049655			53.63627260		230.42993

SOURCE	DF	ANOVA SS	F VALUE	PR > F
DP	13	787589.21575395	18.25	0.0001

ANALYSIS OF VARIANCE PROCEDURE

T TESTS (LSD) FOR VARIABLE: TT
 NOTE: THIS TEST CONTROLS THE TYPE I COMPARISONWISE ERROR RATE,
 NOT THE EXPERIMENTWISE ERROR RATE.

ALPHA=0.05 CONFIDENCE=0.95 DF=709 MSE=2876.83
 CRITICAL VALUE OF T=1.96332

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

DP COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
PED - OBQYN	-18.343	15.928	50.198	***
PED - SURG	9.428	30.681	51.934	***
PED - MED	32.478	54.592	76.705	***
PED - HG	-18.219	58.767	135.754	***
PED - RAD	37.045	62.349	87.652	***
PED - PATH	46.634	77.715	108.796	***
PED - NEURO	48.430	77.832	107.235	***
PED - ALLERIM	38.870	80.923	122.977	***
PED - PSYCH	66.960	93.403	119.846	***
PED - PHYSMED	67.742	95.642	123.542	***
PED - DON	81.093	101.886	122.679	***
PED - DPCCM	74.767	104.169	133.572	***
PED - PREVMED	61.825	112.817	163.809	***
PED - SWS	79.276	121.330	163.384	***
PED - CLININV	48.531	129.517	202.504	***
OBQYN - PED	-50.198	-15.928	18.343	
OBQYN - SURG	-14.597	14.753	44.102	
OBQYN - MED	8.685	38.664	68.642	***
OBQYN - HG	-36.764	42.839	122.442	***
OBQYN - RAD	14.017	46.421	78.824	***
OBQYN - PATH	24.696	61.787	98.877	***
OBQYN - NEURO	26.208	61.905	97.601	***
OBQYN - ALLERIM	18.324	64.996	111.667	***
OBQYN - PSYCH	44.175	77.475	110.775	***
OBQYN - PHYSMED	45.245	79.714	114.183	***
OBQYN - DON	56.940	85.938	114.976	***
OBQYN - DPCCM	52.545	88.241	123.938	***
OBQYN - PREVMED	42.027	96.889	151.752	***
OBQYN - SWS	58.730	105.402	192.073	***
OBQYN - CLININV	29.986	109.589	189.192	***
SURG - PED	-51.934	-30.681	-9.428	***
SURG - OBQYN	-44.102	-14.753	14.597	
SURG - MED	10.647	23.911	37.175	***
SURG - HG	-46.839	28.087	103.012	***
SURG - RAD	13.579	31.668	49.756	***
SURG - PATH	21.481	47.034	72.587	***
SURG - NEURO	23.669	47.132	70.635	***
SURG - ALLERIM	12.092	50.243	88.393	***
SURG - PSYCH	43.072	62.722	82.373	***
SURG - PHYSMED	43.39	64.962	86.533	***

15:51 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP	COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
SURG	- DON	60.285	71.205	82.126	***
SURG	- DPCCM	50.006	73.489	96.972	***
SURG	- PREVMEH	34.313	82.137	129.961	***
SURG	- SMS	52.499	90.649	128.799	***
SURG	- CLININV	19.911	94.837	169.762	***
MED	- PED	-76.705	-54.592	-32.478	***
MED	- OBOYN	-68.642	-38.664	-8.685	***
MED	- SURG	-37.175	-23.911	-10.647	***
MED	- HQ	-70.999	4.175	79.350	
MED	- RAD	-11.335	7.757	26.849	
MED	- PATH	-3.150	23.123	49.396	
MED	- NEURO	-1.024	23.241	47.505	
MED	- ALLERIM	-12.305	26.332	64.968	***
MED	- PSYCH	18.233	38.811	59.389	***
MED	- PHYSMED	18.630	41.050	63.471	***
MED	- DON	34.781	47.294	59.807	***
MED	- DPCCM	25.313	49.578	73.842	***
MED	- PREVMEH	10.013	58.225	106.438	***
MED	- SMS	28.102	66.738	105.374	***
MED	- CLININV	-4.249	70.925	146.100	
HQ	- PED	-135.754	-58.767	18.219	
HQ	- OBOYN	-122.442	-42.839	36.764	
HQ	- SURG	-103.012	-28.087	46.839	
HQ	- MED	-79.350	-4.175	70.999	
HQ	- RAD	-72.592	3.581	79.755	
HQ	- PATH	-59.335	18.947	97.230	
HQ	- NEURO	-58.567	19.065	96.697	
HQ	- ALLERIM	-61.095	22.156	105.407	
HQ	- PSYCH	-41.924	34.636	111.195	
HQ	- PHYSMED	-40.200	36.875	113.950	
HQ	- DON	-31.678	43.119	117.915	
HQ	- DPCCM	-32.230	45.402	123.034	
HQ	- PREVMEH	-34.054	54.050	142.154	
HQ	- SMS	-20.688	62.562	143.813	
HQ	- CLININV	-38.555	66.750	172.052	
RAD	- PED	-87.652	-62.349	-37.045	***
RAD	- OBOYN	-78.824	-46.421	-14.017	***
RAD	- SURG	-49.756	-31.668	-13.379	***
RAD	- MED	-26.849	-7.757	11.335	
RAD	- HQ	-79.755	-3.581	72.592	
RAD	- PATH	-13.643	15.366	44.375	
RAD	- NEURO	-11.720	15.484	42.687	
RAD	- ALLERIM	-21.972	18.575	59.121	
RAD	- PSYCH	7.081	31.054	55.028	***
RAD	- PHYSMED	7.722	33.294	58.866	***
RAD	- DON	21.992	39.538	57.083	***
RAD	- DPCCM	14.617	41.821	69.024	***
RAD	- PREVMEH	0.712	50.469	100.225	***
RAD	- SMS	18.43	58.981	99.528	***

19:51 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON		LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
RAD	- CLININV	-13.003	63.169	139.342	
PATH	- PED	-108.796	-77.715	-46.634	***
PATH	- OBQYN	-98.877	-61.787	-24.696	***
PATH	- SURG	-72.587	-47.034	-21.481	***
PATH	- MED	-49.396	-23.123	3.150	
PATH	- H3	-97.230	-18.947	59.335	
PATH	- RAD	-44.375	-15.366	13.643	
PATH	- NEURO	-32.928	0.118	32.764	
PATH	- ALLERIM	-41.173	3.209	47.591	
PATH	- PSYCH	-14.319	15.688	45.696	
PATH	- PHYSMED	-13.372	17.928	49.227	
PATH	- DON	-1.000	24.172	49.343	
PATH	- DPCCM	-6.191	26.455	59.101	
PATH	- PREVMED	-17.826	35.103	88.031	
PATH	- SMS	-0.767	43.615	87.997	
PATH	- CLININV	-30.480	47.803	126.085	
NEURO	- PED	-107.235	-77.832	-48.430	***
NEURO	- OBQYN	-97.601	-61.905	-26.208	***
NEURO	- SURG	-70.635	-47.152	-23.669	***
NEURO	- MED	-47.505	-23.241	1.024	
NEURO	- H3	-96.697	-19.065	58.567	
NEURO	- RAD	-42.687	-15.484	11.720	
NEURO	- PATH	-32.764	-0.118	32.528	
NEURO	- ALLERIM	-40.133	3.091	46.315	
NEURO	- PSYCH	-12.696	15.970	43.637	
NEURO	- PHYSMED	-11.824	17.810	47.444	
NEURO	- DON	0.987	24.054	47.121	***
NEURO	- DPCCM	-4.716	26.337	57.390	
NEURO	- PREVMED	-16.976	34.985	86.946	
NEURO	- SMS	0.274	43.497	86.721	***
NEURO	- CLININV	-29.947	47.685	125.317	
ALLERIM	- PED	-122.977	-80.923	-38.870	***
ALLERIM	- OBQYN	-111.667	-64.996	-18.324	***
ALLERIM	- SURG	-88.393	-50.243	-12.092	***
ALLERIM	- MED	-64.968	-26.332	12.305	
ALLERIM	- H3	-105.407	-22.156	61.095	
ALLERIM	- RAD	-59.121	-18.575	21.972	
ALLERIM	- PATH	-47.591	-3.209	41.173	
ALLERIM	- NEURO	-46.315	-3.091	40.133	
ALLERIM	- PSYCH	-28.788	12.479	53.747	
ALLERIM	- PHYSMED	-27.497	14.719	56.935	
ALLERIM	- DON	-16.933	20.963	58.858	
ALLERIM	- DPCCM	-19.978	23.246	66.469	
ALLERIM	- PREVMED	-28.139	31.894	91.927	
ALLERIM	- SMS	-12.246	40.406	93.059	
ALLERIM	- CLININV	-38.657	44.594	127.845	
PSYCH	- PED	-119.846	-93.403	-66.960	***
PSYCH	- OBQYN	-110.77	-77.475	-44.175	***

15:51 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
PSYCH - SURG	-82.373	-62.722	-43.072	***
PSYCH - MED	-59.389	-38.811	-18.233	***
PSYCH - HG	-111.195	-34.636	41.924	
PSYCH - RAD	-55.028	-31.054	-7.081	***
PSYCH - PATH	-45.696	-15.688	14.319	
PSYCH - NEURO	-43.837	-15.570	12.696	
PSYCH - ALLERIM	-53.747	-12.479	28.788	
PSYCH - PHYSMED	-24.460	2.239	28.939	
PSYCH - DON	-10.668	8.483	27.635	
PSYCH - DPCCM	-17.900	10.766	39.032	
PSYCH - PREVMED	-30.931	19.414	69.760	
PSYCH - SMS	-13.340	27.927	69.194	
PSYCH - CLININV	-44.445	32.114	108.674	
PHYSMED - PED	-123.542	-95.642	-67.742	***
PHYSMED - OBOYN	-114.183	-79.714	-45.245	***
PHYSMED - SURG	-86.533	-64.962	-43.390	***
PHYSMED - MED	-63.471	-41.050	-18.630	***
PHYSMED - HG	-113.950	-36.875	40.200	
PHYSMED - RAD	-58.866	-33.294	-7.722	***
PHYSMED - PATH	-49.227	-17.928	13.372	
PHYSMED - NEURO	-47.444	-17.810	11.824	
PHYSMED - ALLERIM	-56.935	-14.719	27.497	
PHYSMED - PSYCH	-28.939	-2.239	24.460	
PHYSMED - DGN	-14.875	6.244	27.362	
PHYSMED - DPCCM	-21.107	8.527	38.161	
PHYSMED - PREVMED	-33.951	17.175	68.301	
PHYSMED - SMS	-16.528	25.688	67.903	
PHYSMED - CLININV	-47.200	29.875	106.950	
DON - PED	-122.679	-101.886	-81.093	***
DON - OBOYN	-114.976	-85.958	-56.940	***
DON - SURG	-82.126	-71.205	-60.285	***
DON - MED	-59.807	-47.294	-34.781	***
DON - HG	-117.915	-43.119	31.678	
DON - RAD	-57.083	-39.538	-21.992	***
DON - PATH	-49.343	-24.172	1.000	
DON - NEURO	-47.121	-24.054	-0.987	***
DON - ALLERIM	-58.858	-20.963	16.933	
DON - PSYCH	-27.635	-8.483	10.668	
DON - PHYSMED	-27.362	-6.244	14.875	
DON - DPCCM	-20.784	2.283	25.350	
DON - PREVMED	-36.690	10.931	58.552	
DON - SMS	-18.452	19.444	57.339	
DON - CLININV	-51.165	23.631	98.428	
DPCCM - PED	-133.572	-104.169	-74.767	***
DPCCM - OBOYN	-123.938	-88.241	-52.545	***
DPCCM - SURG	-96.972	-73.489	-50.004	***
DPCCM - MED	-73.842	-49.578	-25.313	***
DPCCM - HG	-123.034	-45.402	32.230	
DPCCM - RAD	-69.027	-41.821	-14.617	***

15:51 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
DPCCH - PATH	-59.101	-26.453	6.191	
DPCCH - NEURO	-57.390	-26.337	4.716	
DPCCH - ALLERIM	-66.469	-23.246	19.978	
DPCCH - PSYCH	-39.032	-10.766	17.500	
DPCCH - PHYSMED	-38.161	-8.327	21.107	
DPCCH - DON	-25.350	-2.283	20.784	
DPCCH - PREVMED	-43.313	8.648	60.609	
DPCCH - SMS	-26.063	17.160	60.384	
DPCCH - CLININV	-56.284	21.348	98.980	
PREVMED - PED	-163.809	-112.817	-61.825	***
PREVMED - OBQYN	-151.752	-96.889	-42.027	***
PREVMED - SURG	-129.961	-82.137	-34.313	***
PREVMED - MED	-106.438	-58.225	-10.013	***
PREVMED - HQ	-142.154	-54.050	34.054	
PREVMED - RAD	-100.225	-50.469	-0.712	***
PREVMED - PATH	-88.031	-35.103	17.826	
PREVMED - NEURO	-86.946	-34.985	16.976	
PREVMED - ALLERIM	-91.927	-31.894	28.139	
PREVMED - PSYCH	-69.760	-19.414	30.931	
PREVMED - PHYSMED	-68.301	-17.175	33.951	
PREVMED - DON	-58.552	-10.931	36.690	
PREVMED - DPCCH	-60.609	-8.648	43.313	
PREVMED - SMS	-51.521	8.512	68.546	
PREVMED - CLININV	-75.404	12.700	100.804	
SMS - PED	-163.384	-121.330	-79.276	***
SMS - OBQYN	-152.073	-105.402	-58.730	***
SMS - SURG	-128.799	-90.649	-52.499	***
SMS - MED	-105.374	-66.738	-28.102	***
SMS - HQ	-145.813	-62.562	20.688	
SMS - RAD	-99.528	-58.981	-18.434	***
SMS - PATH	-87.997	-43.615	0.767	***
SMS - NEURO	-86.721	-43.497	-0.274	***
SMS - ALLERIM	-93.059	-40.406	12.246	
SMS - PSYCH	-69.194	-27.927	13.340	
SMS - PHYSMED	-67.903	-25.688	16.528	
SMS - DON	-57.339	-19.444	18.452	
SMS - DPCCH	-60.384	-17.160	26.063	
SMS - PREVMED	-68.546	-8.512	51.521	
SMS - CLININV	-79.063	4.187	87.438	
CLININV - PED	-202.504	-123.517	-48.531	***
CLININV - OBQYN	-189.192	-109.589	-29.986	***
CLININV - SURG	-169.762	-94.837	-19.911	***
CLININV - MED	-146.100	-70.925	4.249	
CLININV - HQ	-172.055	-66.750	38.555	
CLININV - RAD	-139.342	-63.169	13.005	
CLININV - PATH	-126.085	-47.803	30.480	
CLININV - NEURO	-125.317	-47.685	29.947	
CLININV - ALLERIM	-127.845	-44.594	38.657	
CLININV - PSYCH	-108.67	-32.114	44.445	

15:51 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT
CLININV - PHYSMED	-106.950	-29.879	47.200
CLININV - DON	-98.428	-23.631	51.165
CLININV - DPCCM	-98.980	-21.348	56.284
CLININV - PREWED	-100.804	-12.700	75.404
CLININV - SMS	-87.438	-4.187	79.063

SAS

ANALYSIS OF VARIANCE PROCEDURE

TUKEY'S STUDENTIZED RANGE (HSD) TEST FOR VARIABLE: TT
 NOTE: THIS TEST CONTROLS THE TYPE I EXPERIMENTWISE ERROR RATE

ALPHA=0.05 CONFIDENCE=0.95 DF=702 MSE=2876.85
 CRITICAL VALUE OF STUDENTIZED RANGE=4.863

COMPARISONS SIGNIFICANT AT THE 0.05 LEVEL ARE INDICATED BY '***'

DP COMPARISON	SIMULTANEOUS		SIMULTANEOUS	
	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
PED - OBQYN	-44.092	15.928	75.948	
PED - SURQ	-6.541	30.681	67.902	
PED - MED	15.863	34.592	93.321	***
PED - HG	-76.065	58.767	193.599	***
PED - RAD	18.033	62.349	106.664	***
PED - PATH	23.281	77.715	132.149	***
PED - NEURO	26.338	77.832	129.327	***
PED - ALLERIM	7.272	80.923	154.575	***
PED - PSYCH	47.092	93.403	139.714	***
PED - PHYSMED	46.779	95.642	144.506	***
PED - DON	65.471	101.886	138.302	***
PED - DPCCH	52.674	104.169	155.664	***
PED - PREVMED	23.511	112.817	202.123	***
PED - SMS	47.678	121.330	194.981	***
PED - CLININV	-9.315	125.517	260.349	***
OBQYN - PED	-75.948	-15.928	44.092	
OBQYN - SURQ	-36.649	14.753	66.154	
OBQYN - MED	-13.839	38.664	91.167	
OBQYN - HG	-96.575	42.839	182.253	
OBQYN - RAD	-10.329	46.421	103.171	
OBQYN - PATH	-3.173	61.787	126.746	
OBQYN - NEURO	-0.613	61.905	124.422	
OBQYN - ALLERIM	-16.743	64.996	146.734	
OBQYN - PSYCH	19.154	77.475	135.796	***
OBQYN - PHYSMED	19.346	79.714	140.082	***
OBQYN - DON	35.137	83.958	136.779	***
OBQYN - DPCCH	25.724	88.241	150.759	***
OBQYN - PREVMED	0.805	96.889	192.974	***
OBQYN - SMS	23.663	105.402	187.141	***
OBQYN - CLININV	-29.825	109.589	249.003	***
SURQ - PED	-67.902	-30.681	6.541	
SURQ - OBQYN	-64.154	-14.753	36.649	
SURQ - MED	0.681	23.911	47.141	***
SURQ - HG	-103.136	28.087	159.309	
SURQ - RAD	-0.012	31.668	63.348	***
SURQ - PATH	2.282	47.034	91.786	***
SURQ - NEURO	-6.025	47.152	88.279	***
SURQ - ALLERIM	-16.572	50.243	117.039	***
SURQ - PSYCH	28.307	62.722	97.137	***
SURQ - PHYSMED	27.181	64.962	102.742	***

15:51 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

		SIMULTANEOUS LOWER CONFIDENCE LIMIT		DIFFERENCE BETWEEN MEANS		SIMULTANEOUS UPPER CONFIDENCE LIMIT	
DP COMPARISON							
SURQ	- DON	32.080	71.203	90.331	***		
SURQ	- DPCCM	32.362	73.489	114.616	***		
SURQ	- PREVMED	-1.621	82.137	165.894	***		
SURQ	- SMS	23.834	90.649	157.464	***		
SURQ	- CLININV	-36.386	94.837	226.059			
MED	- PED	-93.321	-54.592	-15.863	***		
MED	- OBQYN	-91.167	-38.664	13.839	***		
MED	- SURQ	-47.141	-23.911	-0.681	***		
MED	- HQ	-127.482	4.175	135.833			
MED	- RAD	-25.681	7.757	41.194			
MED	- PATH	-22.891	23.123	69.136			
MED	- NEURO	-19.255	23.241	65.737			
MED	- ALLERIM	-41.335	26.332	93.998			
MED	- PSYCH	2.771	38.811	74.851	***		
MED	- PHYSMED	1.784	41.050	80.317	***		
MED	- DON	25.379	47.294	69.209	***		
MED	- DPCCM	7.082	49.578	92.074	***		
MED	- PREVMED	-26.212	58.225	142.663			
MED	- SMS	-0.928	66.738	134.404			
MED	- CLININV	-60.732	70.925	202.583			
HQ	- PED	-193.599	-58.767	76.065			
HQ	- OBQYN	-182.253	-42.839	96.575			
HQ	- SURQ	-159.309	-28.117	103.136			
HQ	- MED	-135.833	-8.713	127.482			
HQ	- RAD	-129.827	1.511	136.990			
HQ	- PATH	-118.155	18.947	156.049			
HQ	- NEURO	-116.897	19.065	155.027			
HQ	- ALLERIM	-123.646	22.156	167.959			
HQ	- PSYCH	-99.448	34.636	168.720			
HQ	- PHYSMED	-98.112	36.875	171.862			
HQ	- DON	-87.877	43.119	174.115			
HQ	- DPCCM	-90.560	45.402	181.364			
HQ	- PREVMED	-100.253	54.050	208.353			
HQ	- SMS	-83.240	62.562	208.365			
HQ	- CLININV	-117.577	66.750	251.177			
RAD	- PED	-106.664	-62.349	-18.033	***		
RAD	- OBQYN	-103.171	-46.421	10.329			
RAD	- SURQ	-63.348	-31.668	0.012			
RAD	- MED	-41.194	-7.757	25.681			
RAD	- HQ	-136.990	-3.581	129.827			
RAD	- PATH	-35.439	15.366	66.171			
RAD	- NEURO	-32.159	15.484	63.127			
RAD	- ALLERIM	-32.437	18.575	89.587			
RAD	- PSYCH	-10.932	31.054	73.040			
RAD	- PHYSMED	-11.492	33.294	78.080			
RAD	- DON	8.809	39.538	70.266	***		
RAD	- DPCCM	-5.822	41.821	89.464			
RAD	- PREVMED	-36.67	50.469	137.111			

15:51 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	SIMULTANEOUS		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS	
	LOWER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT		LOWER CONFIDENCE LIMIT	UPPER CONFIDENCE LIMIT
RAD - SWS	-12.031	58.981	58.981	-12.031	58.981
RAD - CLININV	-70.240	63.169	63.169	-70.240	63.169
PATH - PED	-132.149	-77.715	-77.715	-132.149	-77.715
PATH - OBOYN	-126.746	-61.787	-61.787	-126.746	-61.787
PATH - SURQ	-91.786	-47.034	-47.034	-91.786	-47.034
PATH - MED	-69.136	-23.123	-23.123	-69.136	-23.123
PATH - HQ	-156.049	-18.947	-18.947	-156.049	-18.947
PATH - RAD	-66.171	-15.366	-15.366	-66.171	-15.366
PATH - NEURO	-57.058	0.118	0.118	-57.058	0.118
PATH - ALLERIM	-74.521	3.209	3.209	-74.521	3.209
PATH - PSYCH	-36.866	15.688	15.688	-36.866	15.688
PATH - PHYSMED	-36.890	17.928	17.928	-36.890	17.928
PATH - DON	-19.912	24.172	24.172	-19.912	24.172
PATH - DPCCM	-30.721	26.455	26.455	-30.721	26.455
PATH - PREVRED	-57.595	35.103	35.103	-57.595	35.103
PATH - SWS	-34.114	43.615	43.615	-34.114	43.615
PATH - CLININV	-89.299	47.803	47.803	-89.299	47.803
NEURO - PED	-129.327	-77.832	-77.832	-129.327	-77.832
NEURO - OBOYN	-124.422	-61.905	-61.905	-124.422	-61.905
NEURO - SURQ	-88.279	-47.152	-47.152	-88.279	-47.152
NEURO - MED	-65.737	-23.241	-23.241	-65.737	-23.241
NEURO - HQ	-155.027	-19.065	-19.065	-155.027	-19.065
NEURO - RAD	-63.127	-15.484	-15.484	-63.127	-15.484
NEURO - PATH	-57.293	-0.118	-0.118	-57.293	-0.118
NEURO - ALLERIM	-72.609	3.091	3.091	-72.609	3.091
NEURO - PSYCH	-33.934	15.570	15.570	-33.934	15.570
NEURO - PHYSMED	-34.090	17.810	17.810	-34.090	17.810
NEURO - DON	-16.345	24.054	24.054	-16.345	24.054
NEURO - DPCCM	-28.048	26.337	26.337	-28.048	26.337
NEURO - PREVRED	-56.018	34.985	34.985	-56.018	34.985
NEURO - SWS	-32.203	43.497	43.497	-32.203	43.497
NEURO - CLININV	-88.277	47.685	47.685	-88.277	47.685
ALLERIM - PED	-154.575	-80.923	-80.923	-154.575	-80.923
ALLERIM - OBOYN	-146.734	-64.996	-64.996	-146.734	-64.996
ALLERIM - SURQ	-117.058	-50.243	-50.243	-117.058	-50.243
ALLERIM - MED	-93.998	-26.332	-26.332	-93.998	-26.332
ALLERIM - HQ	-167.959	-22.156	-22.156	-167.959	-22.156
ALLERIM - RAD	-89.587	-18.575	-18.575	-89.587	-18.575
ALLERIM - PATH	-80.938	-3.209	-3.209	-80.938	-3.209
ALLERIM - NEURO	-78.791	-3.091	-3.091	-78.791	-3.091
ALLERIM - PSYCH	-59.794	12.479	12.479	-59.794	12.479
ALLERIM - PHYSMED	-59.217	14.719	14.719	-59.217	14.719
ALLERIM - DON	-45.407	20.963	20.963	-45.407	20.963
ALLERIM - DPCCM	-32.454	23.246	23.246	-32.454	23.246
ALLERIM - PREVRED	-73.246	31.894	31.894	-73.246	31.894
ALLERIM - SWS	-51.807	40.406	40.406	-51.807	40.406
ALLERIM - CLININV	-101.209	44.594	44.594	-101.209	44.594

15:51 MONDAY, JUNE 17, 1985

SAS

ANALYSIS OF VARIANCE PROCEDURE

SIMULTANEOUS

DP	COMPARISON	LOWER CONFIDENCE LIMIT	DIFFERENCE BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
PSYCH	- PED	-139.714	-93.403	-47.092	***
PSYCH	- OBGYN	-135.796	-77.475	-19.154	***
PSYCH	- SURG	-97.137	-62.722	-28.307	***
PSYCH	- MED	-74.851	-38.811	-2.771	***
PSYCH	- HQ	-168.720	-34.636	99.448	
PSYCH	- RAD	-73.040	-31.054	10.932	
PSYCH	- PATH	-68.243	-15.688	36.866	
PSYCH	- NEURO	-65.075	-15.570	33.934	
PSYCH	- ALLERIM	-84.753	-12.479	59.794	
PSYCH	- PHYSMED	-44.522	2.239	49.000	
PSYCH	- DON	-25.058	8.483	42.025	
PSYCH	- DPCCM	-38.738	10.766	60.271	
PSYCH	- PREVMED	-68.759	19.414	107.587	
PSYCH	- SWS	-44.347	27.927	100.201	
PSYCH	- CLININV	-101.970	32.114	166.198	
PHYSMED	- PED	-144.506	-95.642	-46.779	***
PHYSMED	- OBGYN	-140.082	-79.714	-19.346	***
PHYSMED	- SURG	-102.742	-64.962	-27.181	***
PHYSMED	- MED	-80.317	-41.050	-1.784	***
PHYSMED	- HQ	-171.862	-36.875	98.112	
PHYSMED	- RAD	-78.080	-33.294	11.492	
PHYSMED	- PATH	-72.745	-17.928	36.890	
PHYSMED	- NEURO	-69.710	-17.810	34.090	
PHYSMED	- ALLERIM	-88.654	-14.719	59.217	
PHYSMED	- PSYCH	-49.000	-2.239	44.522	
PHYSMED	- DON	-30.742	6.244	43.230	
PHYSMED	- DPCCM	-43.373	8.527	60.427	
PHYSMED	- PREVMED	-72.365	17.175	106.715	
PHYSMED	- SWS	-48.248	25.688	99.623	
PHYSMED	- CLININV	-105.112	29.875	164.862	
DON	- PED	-138.302	-101.886	-65.471	***
DON	- OBGYN	-136.779	-85.958	-35.137	***
DON	- SURG	-90.331	-71.205	-52.080	***
DON	- MED	-69.209	-42.294	-25.379	***
DON	- HQ	-174.115	-43.119	87.877	
DON	- RAD	-70.266	-39.538	-8.809	***
DON	- PATH	-68.256	-24.172	19.912	
DON	- NEURO	-64.452	-24.054	16.345	
DON	- ALLERIM	-87.332	-20.963	45.407	
DON	- PSYCH	-42.025	-8.483	25.058	
DON	- PHYSMED	-43.230	-6.244	30.742	
DON	- DPCCM	-38.116	2.283	42.682	
DON	- PREVMED	-72.471	10.931	94.333	
DON	- SWS	-46.926	19.444	85.813	
DON	- CLININV	-107.365	23.631	154.627	
DPCCM	- PED	-155.664	-104.169	-52.674	***
DPCCM	- OBGYN	-150.759	-88.241	-25.724	***
DPCCM	- SURG	-114.61	-73.489	-32.362	***

SAS

ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	SIMULTANEOUS LOWER CONFIDENCE		DIFFERENCE BETWEEN MEANS	SIMULTANEOUS UPPER CONFIDENCE	
	LIMIT	LIMIT		LIMIT	LIMIT
DPCCM - MED	-92.074	-49.578	-45.402	90.560	***
DPCCM - HG	-181.364	-41.821	-26.455	30.721	***
DPCCM - RAD	-89.474	-26.337	-23.246	52.454	***
DPCCM - PATH	-83.630	-10.766	-8.527	38.739	***
DPCCM - NEURO	-80.722	-2.283	-2.283	38.116	***
DPCCM - ALLERIM	-98.946	-8.648	17.160	99.631	***
DPCCM - PSYCH	-60.271	17.160	21.348	92.861	***
DPCCM - PHYSMED	-60.427	-114.614	-112.817	157.310	***
DPCCM - DON	-42.682	-202.123	-96.889	-23.511	***
DPCCM - PREVMED	-82.355	-192.774	-82.137	-0.805	***
DPCCM - SWS	-58.540	-165.894	-54.050	1.621	***
DPCCM - CLININV	-114.614	-142.663	-50.469	100.253	***
PREVMED - PED	-202.123	-137.611	-35.103	36.673	***
PREVMED - OBGIN	-192.774	-127.800	-34.985	57.595	***
PREVMED - SURG	-165.894	-125.988	-31.894	56.018	***
PREVMED - MED	-142.663	-137.034	-19.414	73.246	***
PREVMED - HG	-208.353	-107.587	-17.175	68.759	***
PREVMED - RAD	-137.611	-106.715	-10.931	72.365	***
PREVMED - PATH	-127.800	-94.333	-8.648	72.471	***
PREVMED - NEURO	-125.988	-99.651	8.512	82.355	***
PREVMED - ALLERIM	-137.034	-96.627	12.700	113.652	***
PREVMED - PSYCH	-107.587	-141.603	-121.330	167.003	***
PREVMED - PHYSMED	-106.715	-194.981	-109.402	-47.678	***
PREVMED - DON	-94.333	-187.141	-90.649	-23.663	***
PREVMED - DPCCM	-99.651	-157.464	-66.738	-23.834	***
PREVMED - SWS	-96.627	-134.404	-62.562	0.928	***
PREVMED - CLININV	-141.603	-208.365	-58.981	83.240	***
SWS - PED	-194.981	-129.993	-43.615	12.031	***
SWS - OBGIN	-187.141	-121.345	-43.497	34.114	***
SWS - SURG	-157.464	-119.198	-40.406	32.203	***
SWS - MED	-134.404	-132.620	-27.927	51.807	***
SWS - HG	-208.365	-100.201	-25.688	44.347	***
SWS - RAD	-129.993	-99.623	-19.444	46.926	***
SWS - PATH	-121.345	-85.813	-17.160	58.540	***
SWS - NEURO	-119.198	-92.861	-8.512	96.627	***
SWS - ALLERIM	-132.620	-113.652	4.187	149.990	***
SWS - PSYCH	-100.201	-141.615	-125.517	9.315	***
SWS - PHYSMED	-99.623	-260.349	-109.589	29.825	***
SWS - DON	-85.813	-249.003	-94.837	36.386	***
SWS - DPCCM	-92.861	-226.059	-70.925	60.732	***
SWS - PREVMED	-113.652	-202.583	-66.750	117.677	***
SWS - CLININV	-141.615	-196.57	-63.169	70.240	***
CLININV - PED	-260.349	-249.003	-109.589	29.825	***
CLININV - OBGIN	-249.003	-226.059	-94.837	36.386	***
CLININV - SURG	-226.059	-202.583	-70.925	60.732	***
CLININV - MED	-202.583	-196.57	-63.169	70.240	***
CLININV - HG	-196.57	-187.141	-54.050	100.253	***
CLININV - RAD	-187.141	-171.774	-40.406	83.240	***

15:51 MONDAY, JUNE 17, 1985

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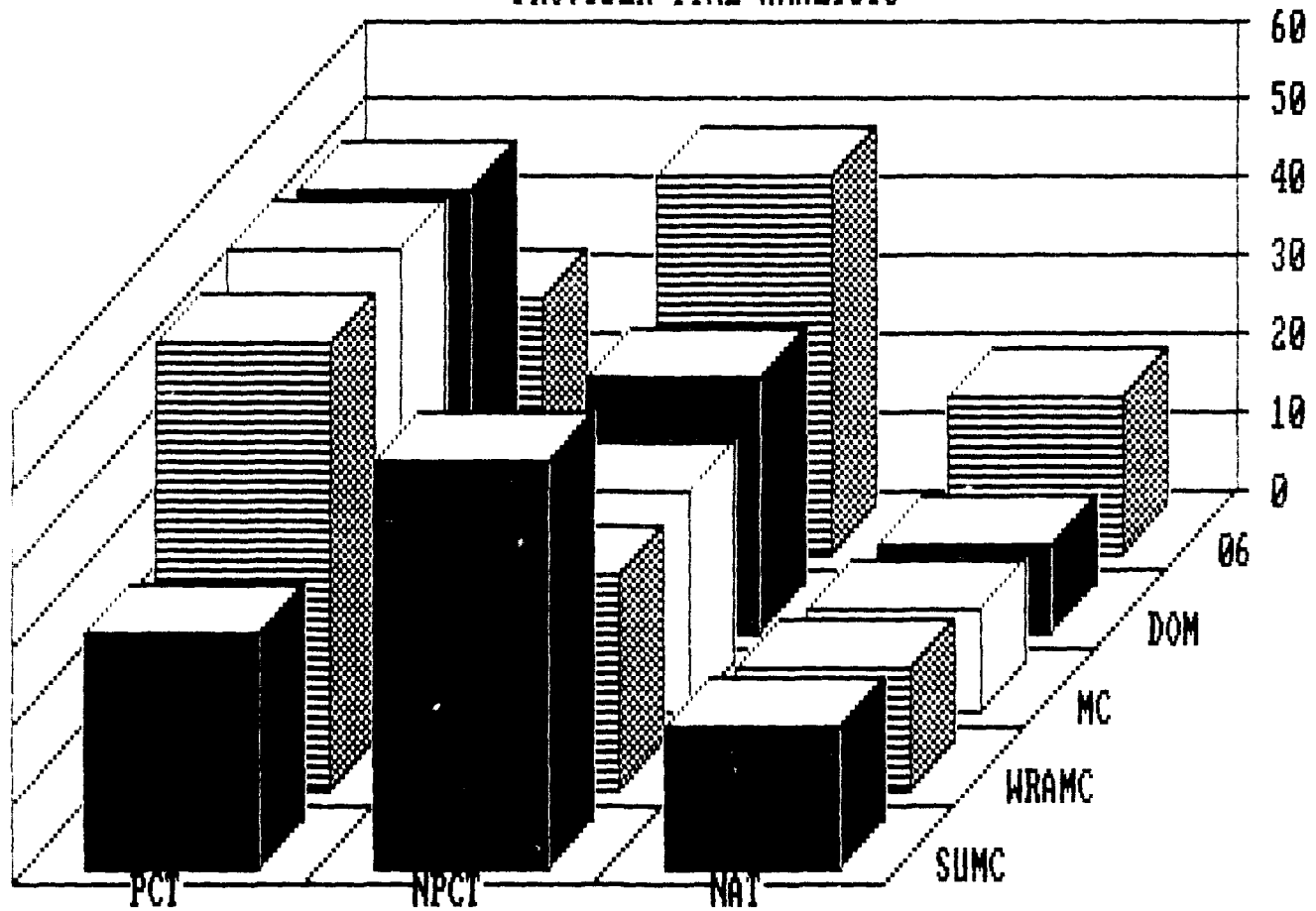
ANALYSIS OF VARIANCE PROCEDURE

DP COMPARISON	SIMULTANEOUS		DIFFERENCE		SIMULTANEOUS
	LOWER CONFIDENCE LIMIT		BETWEEN MEANS	UPPER CONFIDENCE LIMIT	
CLININV - PATH	-184.909		-47.803	89.299	
CLININV - NEURO	-183.647		-47.689	88.277	
CLININV - ALLERIM	-190.396		-44.594	101.209	
CLININV - PSYCH	-166.198		-32.114	101.970	
CLININV - PHYSHED	-164.862		-29.875	105.112	
CLININV - DON	-194.627		-23.631	107.365	
CLININV - DPCCM	-157.310		-21.348	114.614	
CLININV - PREVRED	-167.003		-12.700	141.603	
CLININV - SWS	-149.990		-4.187	141.615	

APPENDIX PP

PROVIDER TIME ANALYSIS

PROVIDER TIME ANALYSIS



PROVIDER TIME - MIN

PROVIDER TIME-ANALYSIS

	SUMC	WRAMC	MC	DOM	06
PCT	30.1%	57.04	58.94	56.31	32.29
NPCT	51.9	27.23	28.21	32.67	47.95
NAT	18.0	15.73	12.86	11.02	19.71
n	83.5	725.0	439.0	104.0	69.0
hrs	265.71	230.42	252.94	245.18	223.64

LEGEND:

- DCT - Patient Care Time
- NPCT - Non-patient Care Time
- NAT - Non-available Time
- SUMC - Stanford University Medical Center
- WRAMC - Walter Reed Army Medical Center
- MC - Medical Corps
- DOM - Department of Medicine
- 06 - Colonel
- n - Sample Population
- hrs - Average number of provider hours per month.

PROVIDER CARE HOURS

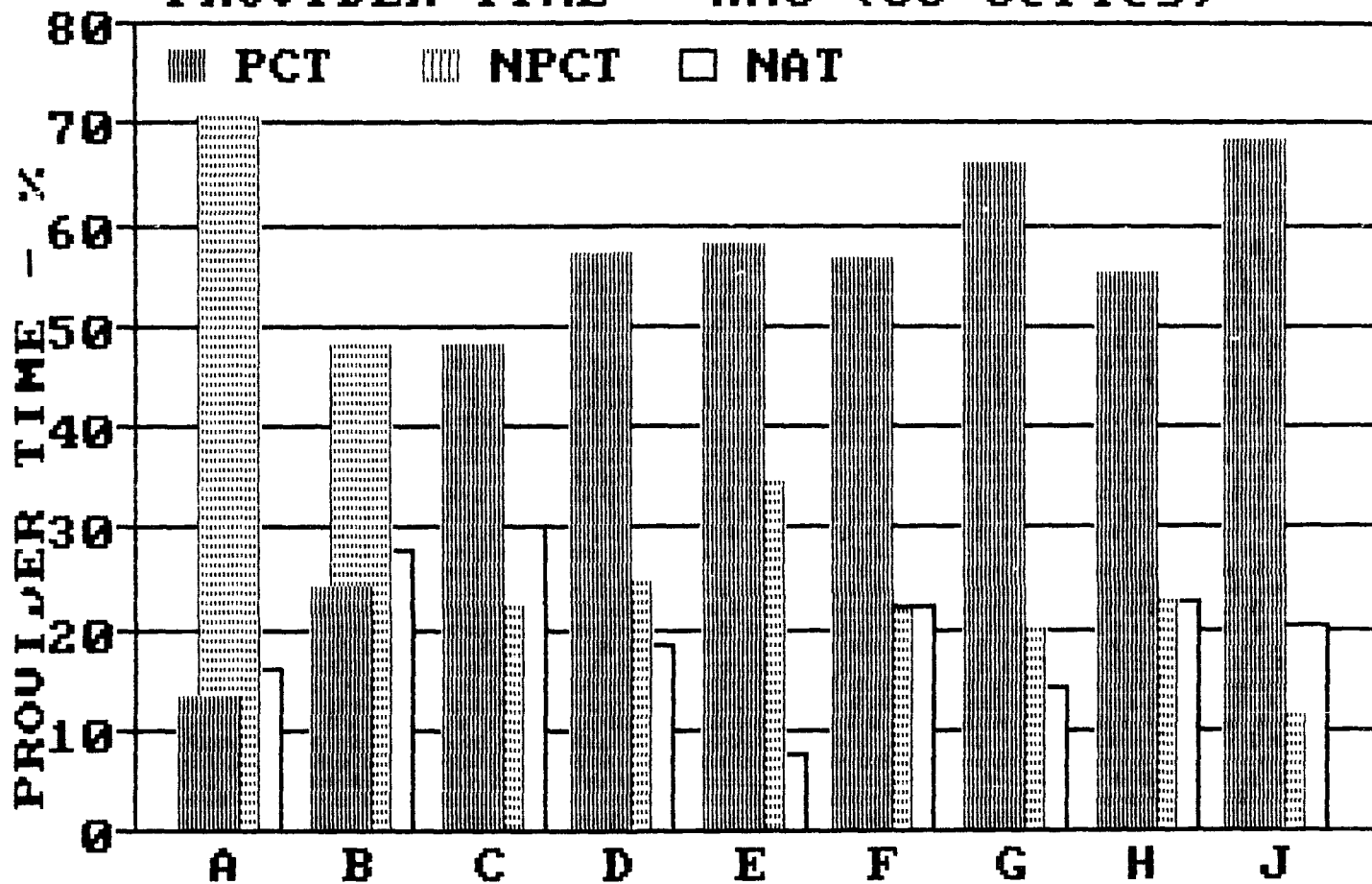
	<u>01</u>	<u>02</u>	<u>03</u>	<u>04</u>	<u>05</u>	<u>06</u>
IP	121.96	134.90	124.11	81.41	42.82	34.92
OP	7.63	4.26	41.34	35.18	36.27	37.41
MT	6.65	5.00	27.13	25.93	34.49	28.42
RSCH	0.26	1.96	5.63	8.80	12.27	7.55
CONS	0.02	0.24	1.44	4.42	7.76	10.18
MM	2.40	2.79	6.11	7.43	15.94	14.50
AA	25.67	16.91	16.74	18.95	15.30	17.36
MA	10.36	11.33	9.39	23.38	32.11	46.57

	<u>01</u>	<u>02</u>	<u>03</u>	<u>04</u>	<u>05</u>	<u>06</u>
TOTAL	188.38	194.76	249.01	223.39	217.91	223.64
PCT	128.59	139.16	165.45	116.59	79.09	72.32

	<u>AMSC</u>	<u>ANC</u>	<u>MC</u>	<u>MSC</u>
TOTAL	87.30	109.44	149.08	81.80
PCT	198.11	197.17	252.94	186.34

	<u>DOM</u>	<u>DOS</u>	<u>DOM</u>
TOTAL	197.88	269.09	245.17
PCT	111.52	179.43	138.06
NPCT	45.30	52.29	80.11
NAT	41.07	37.37	27.01

PROVIDER TIME - ANC (66 Series)



MANPOWER EQUIVALENTS

Provider Time - Average	230.4299 hrs
n	725
N	818
n/N	88.63%

Based on a 44 hour work week, the average operating assigned hours for the health care providers was 193.6 hours during the month of April. The mean hours performed by the personnel, which was in excess of 36.83 hours. Using a population of 818, the additional manpower authorized would be 155.61 man years, for a total of 973.61. Mathematical notations are as follows:

$$36.8299 \times 818 = 30,126.86$$

$$30,126.86 - 193.6 = 155.62 \text{ man years}$$

NOTE: The workload for the researcher, during the month of April, was 308 hours.