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THE

ARMY BUDGET

AMENDED FISCAL YEAR 1990 - 91

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MAY 1989
ASSISTANT SECRETARY
OF THE ARMY FOR
FINANCIAL MANAGEMENT

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INTRODUCTION

This booklet is prepared by the Office of the Director of Army Budget, Office of the Assistant Secretary of the Army for Financial Management, Headquarters, Department of the Army, Washington, D.C. 20310-0103, Commercial telephone number (202) 697-6241, Autovon 227-6241. Its purpose is to provide the Army leadership and members of Congress and their staffs a handy reference to the Army's FY 1990/91 amended budget as submitted to Congress on 25 April 1989. It is not intended to be used as a substitute for the official budget submission. Additionally, the following clarification is provided:

- The FY 1988 and prior year data represent actuals,
- The FY 1989 data represents the current year budget as appropriated by Congress, to include reprogramming actions and supplementals,
- The FY 1990/91 data represents the Army's amended request to Congress for the budget year. It does not include any Congressional authorization or appropriation action but does include pay raises and other pay increases expected to become effective during FY90,
- Unless indicated otherwise on a chart, all dollar figures represent Total Obligation Authority (TOA) in current dollars,
- Numbers on some charts do not add exactly to the totals shown because of rounding. (KR) ←

Should you have questions concerning the source or interpretation of the information in this booklet, please contact Mr. Tom Whelan, or Ms. June Adelsberger, Autovon 227-6241 or Commercial (202) 697-6241.

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DEFINITION OF TERMS

Some abbreviations and terms used throughout this booklet are defined below:

-AC:	Active Component
-ACFT:	Aircraft
-ACR:	Armored Cavalry Regiment
-ADDS:	Army Data Distribution System
-AFH:	Army Family Housing (Formerly, FHMA-Family Housing Management Account)
-AGES/AD:	Air Ground Engagement System/Air Defense
-AGR:	Active Guard and Reserve
-AIF:	Army Industrial Fund
-AMMO:	Ammunition
-ANZUS:	Australia, New Zealand, United States
-APPN:	Appropriation
-AR:	Armor
-ARNG:	Army National Guard
-ASE:	Aircraft Surveillance Equipment
-ASF:	Army Stock Fund
-ASIMS:	Army Standard Information Management Systems
-ASAS (TACSIM):	All Source Analysis System (Tactical Simulator)
-ATACMS:	Army Tactical Missile System
-AUTH:	Authorizations
-BDE:	Brigade
-BFVS:	Bradley Fighting Vehicle System
-BMAR:	Backlog of Maintenance and Repair
-BN:	Battalion
-BA/Budget Authority:	Authority provided by law to enter into obligations which will result in immediate or future outlays of funds.
-C ²	Command and Control
-C ³	Communications, Command, Control
-C ⁴	Command, Control, Communications, and Computers
-CHAMPUS:	Civilian Health and Medical Program of the Uniformed Services
-CINC:	Commander-in-Chief
-Constant Dollars:	A dollar value adjusted for changes in prices. Dollars presented in this document are in constant FY 1990 dollars.
-CONUS:	Continental United States
-CS/CSS	Combat Support/Combat Service Support
-CTC/CBT TNG CENTER:	Combat Training Center
-CTASC:	Corps Theater ADP Service Center
-Current Dollars:	The dollar value of a good or service in terms of prices current at the time the good or service is sold. Current dollars represent amounts actually provided.

-CW/NBC: Chemical Warfare/Nuclear, Biological, Chemical
 -DA CIV: Department of the Army Civilian
 -DEF BDE: Defense Brigade
 -DIV: Division
 -DMAR: Deferred Maintenance and Repair
 -DOD: Department of Defense
 -DODD: Department of Defense Directive
 -DPG: Dugway Proving Ground
 -DTSS/QRMP: Digitized Topography Support System/Quick Response Multicolor Printer
 -ECP: Energy Conservation Program
 -EIDS: Electronic Information Delivery Systems
 -EMW: Engineer and Mine Warfare
 -EN: Engineers
 -ENL: Enlist (ed, ment)
 -ES: End Strength
 -EVAC: Evacuation
 -FAMSIM: Family of Simulators
 -FICA: Federal Insurance Contribution Act
 -FIN SYS: Financial Systems
 -Fiscal Year/FY: Any yearly accounting period, without regard to its relationship to a calendar year. The US Government FY 1989 accounting period extends from 1 October 1988 to 30 September 1989.
 -FOG-M: Fiber Optic Guided Missile
 -FSA: Force Structure Allowance
 -GED: General Educational Development
 -GNP: Gross National Product
 -G-R-H: Gramm-Rudman-Hollings (P.L. 99-177)
 -GSA: General Service Agency
 -HIP: Howitzer Improvement Program
 -HNS: Host Nation Support
 -HOSP: Hospital
 -HPSP: Health Professional Scholarship Program
 -HQS: Headquarters
 -HSDG: High School diploma Graduate
 -IEW: Intelligence and Electronic Warfare
 -IMA: Individual Mobilization Augmentee
 -IN/INF DIV: Infantry/Infantry Division
 -ING: Inactive National Guard
 -IS: Information Systems
 -IRR: Individual Ready Reserve
 -JCS: Joint Chiefs of Staff
 -JP-4/JP-5: Jet Fuel
 -JRTC: Joint Readiness Training Center
 -JSPD: Joint Strategic Planning Document
 -JSTARS GSM: Joint Surveillance Target Attack Radar System Ground Station Module
 -LG/LOG: Logistics
 -LOC: Lines of Communication
 -LOTS: Logistics-Over-The-Shore
 -LUPS: Logistics Unit Productivity Systems

-MACOM:	Major Command
-MCA:	Military Construction, Army
-MECH OR MX/ MECH DIV:	Mechanized/mechanized Division
-MGT/MGMT:	Management
-MILCON:	Military Construction
-MILES:	Multiple Integrator Laser Engagement System
-MILPER:	Military Personnel
-MIL TECH:	Military Technician
-MLRS:	Multiple Launch Rocket System
-MNT UNIT:	Maintenance Unit
-MOB:	Mobilization
-MOD:	Modernization
-MOS:	Military Occupational Speciality
-MP/MP UNIT:	Military Police/Military Police Unit
-MPA:	Military Personnel, Army
-MSLS:	Missiles
-MSN:	Mission
-MTMC:	Military Traffic Management Command
-MWR:	Morale, Welfare, and Recreation
-MYP:	Multiyear Procurement
-NATO:	North Atlantic Treaty Organization
-NAVSTAR GPS:	NAVSTAR Global Positioning System
-NBC:	Nuclear, Biological, and Chemical
-NBPRP:	National Board for the Promotion of Rifle Practice
-NCO:	Non-Commissioned Officer
-NLOS:	Non Line-of-Sight
-NORTHAG:	Northern Army Group
-NPS:	Non-Prior Service
-NTC:	National Training Center (Fort Irwin, CA)
-OBLIGATIONS:	Amounts of orders placed, contracts awarded, services rendered, or other commitments made in official accounting records during a given period.
-OCONUS:	Outside Continental United States (includes Alaska, and Hawaii)
-O&M:	Operation and Maintenance
-OMA:	Operation and Maintenance, Army
-OMAR:	Operation and Maintenance, Army Reserve
-OMANG:	Operation and Maintenance, Army National Guard
-OPA:	Other Procurement, Army
-OPFOR:	Opposing Forces
-OPNS/OPS:	Operations
-OPTempo:	Operating Tempo
-OSD:	Office, Secretary of Defense
-OUTLAYS:	Check issued, interest accrued on the public debt, and other payments, net of refunds and reimbursements.

-PB: President's Budget
 -PCIP: Productivity Capital Investment Programs
 -PCS: Permanent Change of Station
 -PERS: Personnel
 -PGTS: Precision Gunnery Target System
 -PHIL: Phillipines
 -PIP: Product Improvement Program
 -PL: Public Law
 -PM TRADE: Program Manager Training Devices
 -POL: Petroleum, Oils, and Lubricants
 -POMCUS: Positioned Materiel Configured to Unit Sets
 -Prior Year/PY: The fiscal year immediately preceding the current year; the last completed fiscal year.
 -PROC: Procurement
 -PROF: Professional
 -PWRMS: Prepositioned War Reserve Materiel Stocks.
 -RC: Reserve Component (USAR & ARNG)
 -RDA: Research, Development & Acquisition
 -RDTE/R&D: Research, Development, Test and Evaluation
 -RETS: Remote Targeting System
 -RO BDE: Round Out Brigade
 -ROK: Republic of Korea
 -ROTC: Reserve Officer Training Corps
 -RPMA: Real Property Maintenance Activities
 -RRF: Ready Reserve Fleet
 -SADARM: Sense and Destroy Armor
 -SATCOM: Satellite Communications
 -SAW: Squad Automatic Weapon
 -SAWE: Simulated Area Weapons Effects
 -SEP BDE: Separate Brigade
 -SES: Senior Executive Service
 -SIM: Simulator
 -SIMNET/CCTT: Simulator Networking/Close Combat Tactical Trainer
 -SINGARS: Single Channel Ground and Airborne Radio System
 -SOA: Special Operations Aircraft
 -SOF: Special Operations Forces
 -SPT/SUP: Support
 -TACCS: Tactical Army CSS Computer System
 -TACJAM: Tactical Jamming
 -TC: Transportation Corps, Test Category
 -TNG: Training
 -TOA: Total Obligation Authority. The sum of all direct budget authority granted (or requested) from the Congress in a given year, amounts authorized to be credited to a specific fund, and unobligated balances of budget authority from previous years which remain available for obligation.

-TOE:	Table of Organization Equipment
-TOPO:	Topography
-TRITAC:	Joint Tactical Communications
-TTHS:	Trainees, Transients, Holdees, Students
-TWGSS/PGS:	Tank Weapons Gunnery Simulator System/Precision Gunnery System
-UFR(S):	Unfinanced Requirement(s)
-UK:	United Kingdom
-UNT:	Unit
-USACENTCOM:	United States Central Command
-USAR:	United States Army Reserve
-USAREUR:	United States Army Europe
-USARJ:	United States Army Japan
-VIABLE:	Vertical Installation Automation Baseline
-WHNS:	Wartime Host Nation Support
-WTCV:	Weapons and Tracked Combat Vehicles
-WWMCCS:	World-wide Military Command & Control System

BUDGET OVERVIEW

FY 90/91 AMENDED PRESIDENT'S BUDGET OVERVIEW

a. As the threat to our nation's world-wide interests grows more varied and more complex and the resources provided the Department of Defense continue to decline, the risk to our national security increases. The FY 90/91 Army Amended President's Budget was developed using the same set of priorities as used for the FY 90-94 Program Objective Memorandum. These are 1) Maintain Essential Force Readiness, 2) Protect Essential Sustainability, 3) Slow the Pace of Modernization, and 4) Minimize Force Structure Impact. The following items reflect positive aspects of the Army Budget:

(1) The FY 90/91 Budget fully mans a quality Active and Reserve Component force at an FY 90 level of 764,400 Active, 458,000 National Guard, and 321,700 Army Reserve with an increase of 500 personnel in the National Guard and 1,400 in the Reserve for FY 91. This is the smallest active army since the Korean War. The Reserve Component end strength is now greater than that of the Active Component, a historical first.

(2) In terms of budget and operating strength, the force is fully manned. The budget also supports the military pay raise. No early outs or promotion freezes are planned. A steady promotion/grade structure flow should be maintained without peaks and valleys. Restoration of NCO strength will begin in FY 90. While Permanent Change of Station (PCS) must live within its appropriated level, no PCS freeze is planned.

(3) The budget maintains an operating tempo (OPTEMPO) of 800 miles and 15.0 flying hours for the Active Component and proportional miles and hours for the National Guard and Army Reserve.

(4) The Combat Training Center strategy is continued in the FY 90/91 Budget. The National Training Center (NTC) at Fort Irwin, California will support 28 heavy and 5 light battalion rotations; the Joint Readiness Training Center (JRTC) at Fort Chaffee, Arkansas will support 9 battalion rotations in FY 90 and FY 91; and the Combat Maneuver Training Center (CMTC) at Hohenfels, Germany is on schedule for FY 91.

(5) Special Operations Forces (SOF) are fully supported by the FY 90/91 Budget to include the activation of the 5th Active Component Special Forces Group (i.e. 3rd SFG), airlift requirements, essential levels of training, facilities, contingencies, and incremental structure improvements.

(6) Initial entry and pilot training are fully funded by the FY 90/91 Budget.

(7) Multi-year Procurements that are supported by the FY 90/91 Budget include Aircraft: Black Hawk; Missile: Patriot, Stinger, Line-of-Sight-Rear; Weapons and Tracked Combat Vehicles: Abrams Tank, Bradley Fighting Vehicle; and Other Procurement: High Mobility Multipurpose Wheeled Vehicle (HMMWV), Family of Medium Tactical Vehicles (FMTV), and Palletized Loading System/Family of Heavy Tactical Vehicles (PLS/FHTV).

(8) The budget funds the Commanders-in-Chief's (CINCs') priority construction projects to include force structure and equipment modernization initiatives, range modernization program, prepositioning and storage for Southwest Asia war reserve stocks, and quality of life facilities. However, troop housing requirements are not satisfied.

(9) The budget includes a substantial investment in direct medical care capability as part of an effort to reduce reliance on Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) for beneficiaries. CHAMPUS is adequately funded for known workload. However, the budget limits funding for direct medical programs to the FY 88 dollar level. It slows implementation of the exceptional family member program and occupational health programs. Army will continue to maintain ten Primary Care to Uniformed Services (PRIMUS) clinics; additional PRIMUS clinics will not be opened.

b. The following reflect areas that the Army Budget does not accomplish or fully support:

(1) The budget does not maintain modernization at programmed levels. It does not permit the buy out of 4,737 Heavy Expanded Mobility Tactical Trucks (HEMTT) per Congressional directive (1,783 short). It does not complete the last year of a 5-ton truck multi-year contract (4,037 trucks short/- \$284M). The following programs are curtailed in this budget: AH-64 Helicopter, Army Helicopter Improvement Program (AHIP), Improved Recovery Vehicle (IRV) and the Unit Level Computer (ULC). A number of programs have been delayed or rescheduled. These include tactical and strategic communications and sustainment of base automation and communications.

(2) War reserves for preferred munitions are only partially funded for FY 90 and FY 91. Ammunition Total Obligation Authority (TOA) decreases dramatically from \$2,005M in FY 89 to \$1,705M in FY 90. In addition, Army war reserve secondary items are only minimally funded with a shortfall of \$3,626M in FY 91.

(3) The budget fails to reduce maintenance backlogs in both equipment and real property.

(4) The budget leaves Central Supply and Transportation activities marginally funded at best. Severe FY 89 funding problems are still being resolved, and corrective actions may also be needed for FY 90/91.

(5) The load of specialized skill training and training development/training support in Training and Doctrine Command (TRADOC) are not sufficiently funded in FY 90 and FY 91.

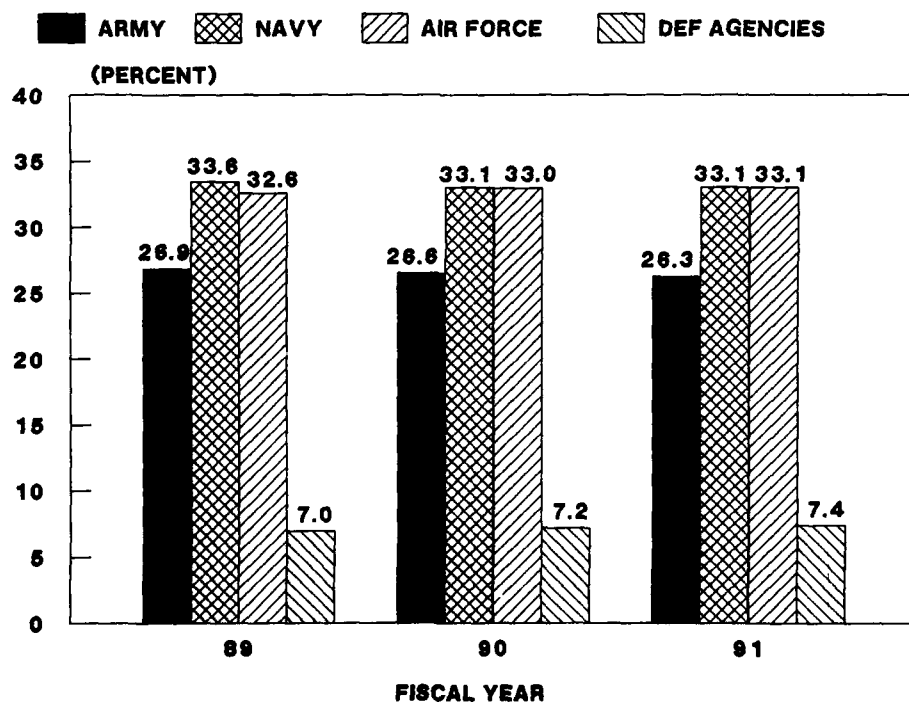
The FY 90 and FY 91 Army budget reflects TOA real growth of -2.6 percent for FY 90 over FY 89 and 0.9 percent for FY 91 over FY 90. FY 90 is the fifth consecutive year of negative real growth for the Army.

As the adversaries of the United States continue to spend a greater portion of their Gross National Product (GNP) on military programs, the burden of deterrence that the conventional strategic forces must bear is increasing. The Army will continue to manage the scarce resources provided and ensure its forces are composed of quality soldiers trained and equipped to deter any possible aggression and to win if combat becomes necessary.

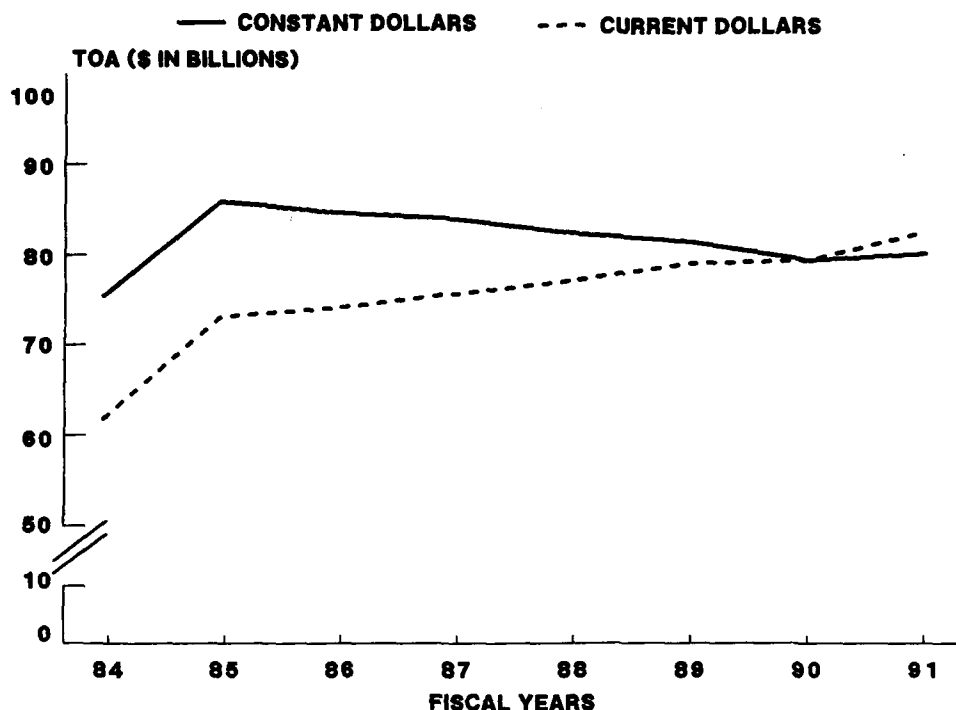
FY90/FY91 DEFENSE BUDGET FINANCIAL SUMMARY (TOA \$ IN BILLIONS)

<u>DOD COMPONENT</u>	<u>89</u>	<u>90</u>	<u>91</u>
DEPARTMENT OF THE ARMY	78.7	79.0	82.1
DEPARTMENT OF THE NAVY	98.1	98.2	103.3
DEPARTMENT OF THE AIR FORCE	95.2	98.0	103.2
DEFENSE AGENCIES/OSD AND DEFENSE CONTINGENCIES	<u>20.4</u>	<u>21.4</u>	<u>23.1</u>
TOTAL DIRECT PROGRAM (TOA)	292.3	296.6	311.7

SERVICE SHARE OF DOD BUDGET (ALL FYs REFLECT AMENDED BUDGET SUBMIT)



ARMY BUDGET TOA TRENDS (CONSTANT/CURRENT 90 DOLLARS)

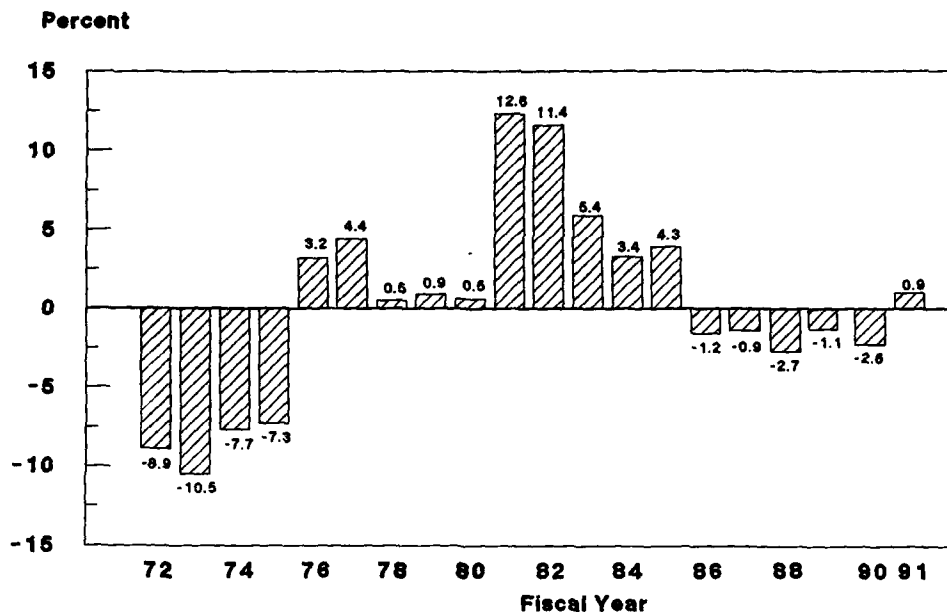


NOTE: NOT ADJUSTED FOR RETIRED PAY ACCRUAL

ARMY BUDGET SUMMARY (\$ IN BILLIONS)

	FISCAL YEARS		
	1989	1990	1991
<u>CURRENT DOLLARS</u>			
TOTAL OBLIGATIONAL AUTHORITY (TOA)	78.7	79.0	82.1
BUDGET AUTHORITY (BA)	78.1	78.8	81.8
OUTLAYS	78.4	78.0	80.2
<u>CONSTANT FY90 DOLLARS</u>			
TOTAL OBLIGATIONAL AUTHORITY (TOA)	81.1	79.0	79.7
BUDGET AUTHORITY (BA)	80.5	78.8	79.5
OUTLAYS	81.2	78.0	77.7

ARMY REAL GROWTH TRENDS (TOA)



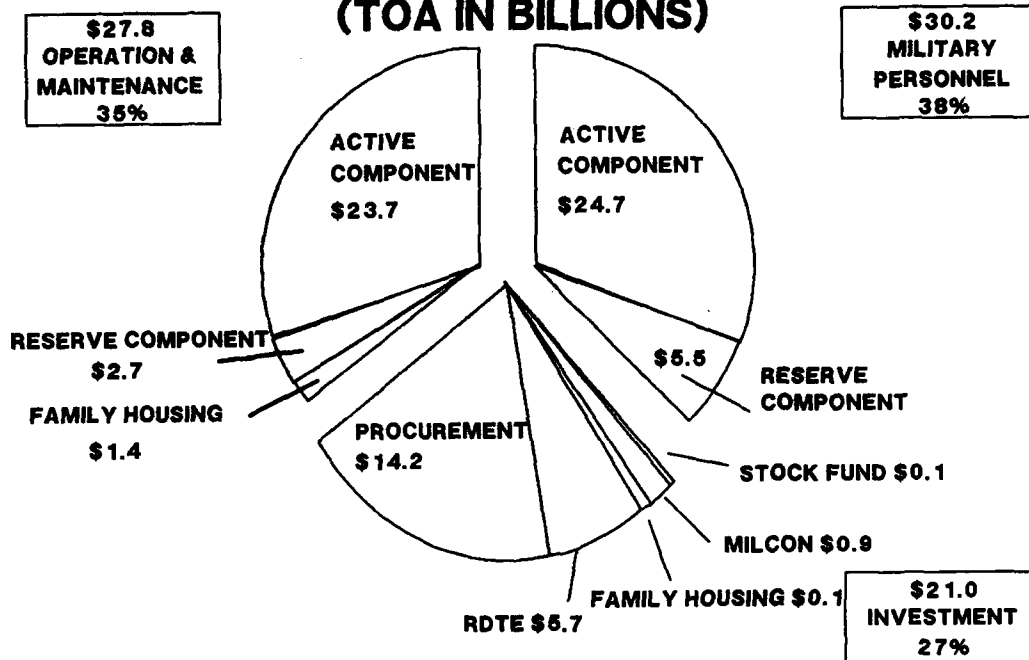
THE ARMY BUDGET PAY AND INFLATION RATE ASSUMPTIONS (DoD DIRECTED)

FY 1988 - FY 1991
ANNUAL PERCENTAGE CHANGE

CATEGORY	1988 TO 1989	1989 TO 1990	1990 TO 1991
PAY			
MILITARY	4.1%	3.6%	3.2%
CIVILIAN	4.1%	2.0%	3.0%
INFLATION (OUTLAY RATES):			
MAJOR COMMODITY (ACFT, MSLS, WTCV)	4.0%	3.6%	3.3%
ALL OTHER PURCHASES EXCLUDING FUEL	4.0%	3.6%	3.3%

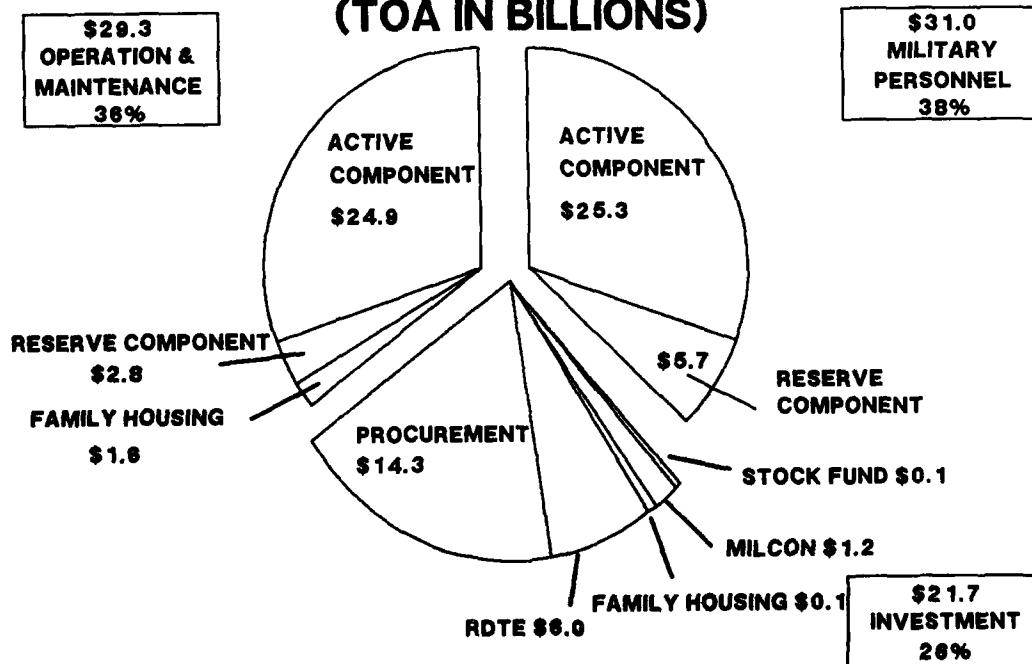
FUNDING PROFILE OF THE ARMY FY90

(TOA IN BILLIONS)

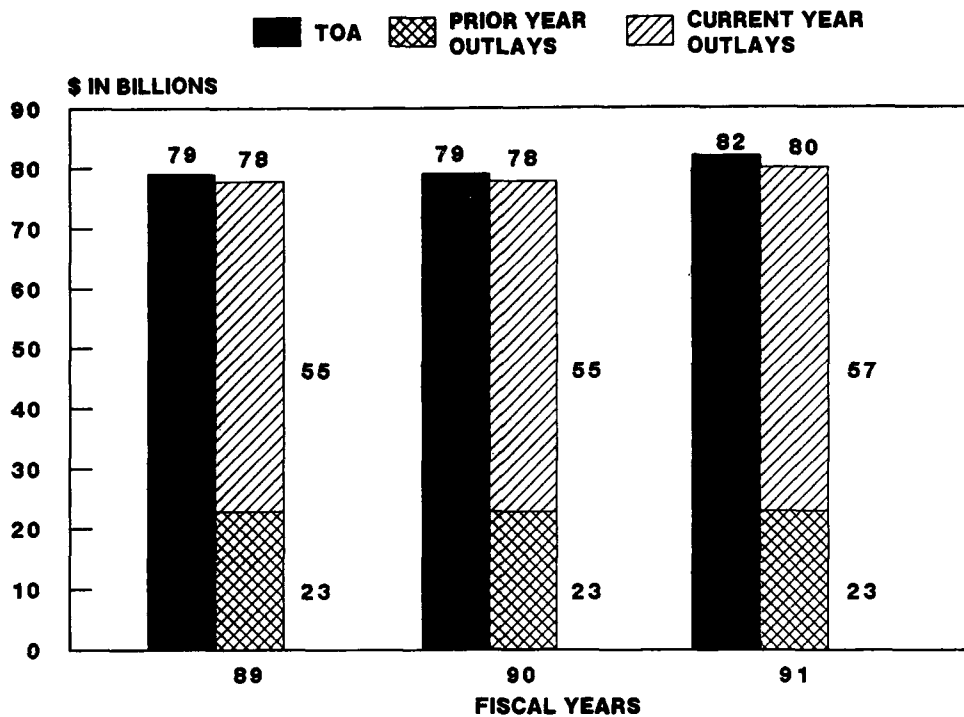


FUNDING PROFILE OF THE ARMY FY91

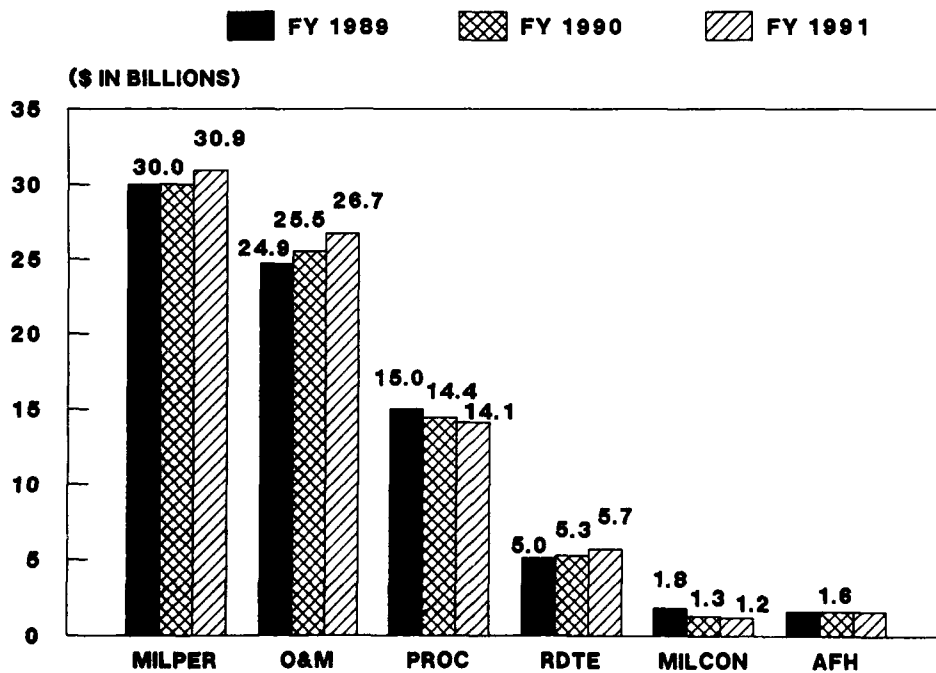
(TOA IN BILLIONS)



ARMY TOA VERSUS TOTAL OUTLAYS (\$ IN BILLIONS)



ARMY OUTLAYS FISCAL YEAR COMPARISON



ARMY FY 90 OUTLAY RATES

(AS PERCENTAGE OF TOA)

APPROPRIATION CATEGORY	RATES BY YEARS				
	1	2	3	4	5
MILITARY PERSONNEL, ARMY	85%	5%			
NATIONAL GUARD PERSONNEL, ARMY	81%	7%			
RESERVE PERSONNEL, ARMY	82%	6%			
OPERATION & MAINTENANCE ARMY	80%	14%	2%		
OPERATION & MAINTENANCE ARNG	75%	20%	2%		
OPERATION & MAINTENANCE USAR	72%	22%	2%		
PROCUREMENT	11%	32%	30%	12%	7%
AIRCRAFT	18%	35%	28%	8%	8%
MISSILES	6%	28%	32%	22%	3%
WEAPONS & TRACKED COMBAT VEHICLES	-1%	45%	33%	11%	3%
AMMUNITION	32%	14%	37%	1%	8%
OTHER	8%	33%	27%	15%	10%
RESEARCH, DEVELOPMENT, TEST AND EVALUATION	53%	35%	8%	2%	
MILITARY CONSTRUCTION, ARMY	38%	36%	21%	3%	-1%
MILITARY CONSTRUCTION, ARNG	11%	52%	26%	5%	1%
MILITARY CONSTRUCTION, USAR	14%	50%	21%	11%	2%
FAMILY HOUSING, OPNS	74%	18%	4%		
FAMILY HOUSING, CONST	8%	38%	37%	8%	7%

NOTE: The Composite Rates are provided for a Five Year Period only. Exact rates for individual appropriations are available in SAFM-BUC-E/ (A) 227-5708

BUDGET OBJECTIVES

THE TOTAL ARMY FY 90/91

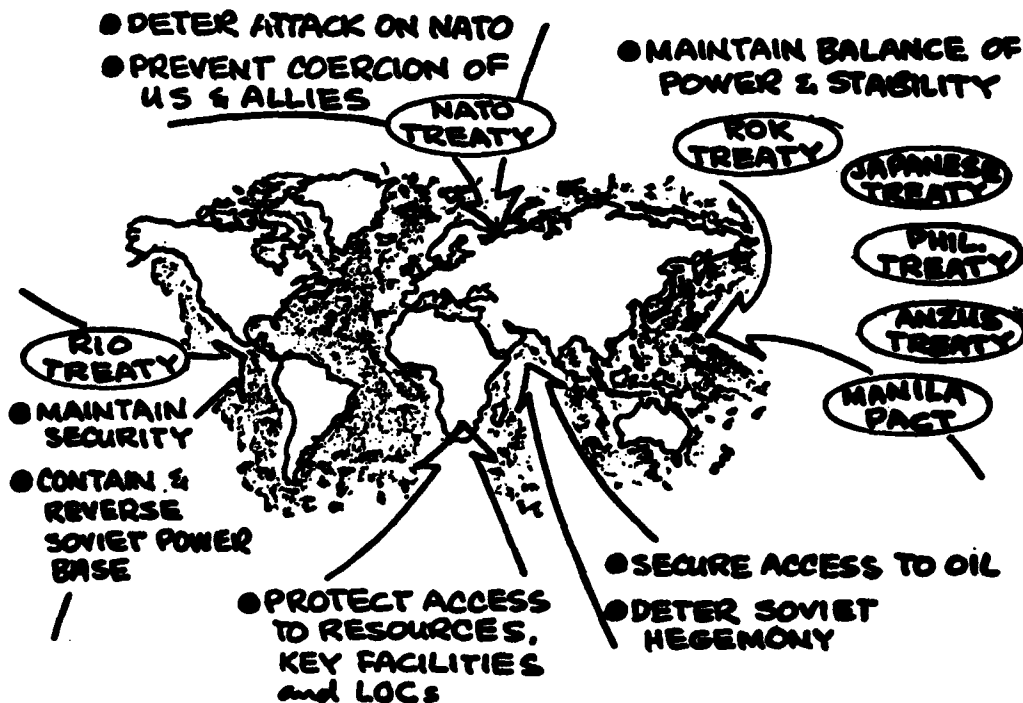
MISSIONS OF ARMY FORCES: WITH ALLIES AND FORCES OF OTHER U.S. SERVICES-

- * DETER AGGRESSION OR COERCION AGAINST THE U.S., ITS ALLIES, AND NATIONAL INTERESTS ABROAD
- * IF DETERRENCE FAILS, FIGHT AND WIN ACROSS THE SPECTRUM OF CONFLICT ANYWHERE

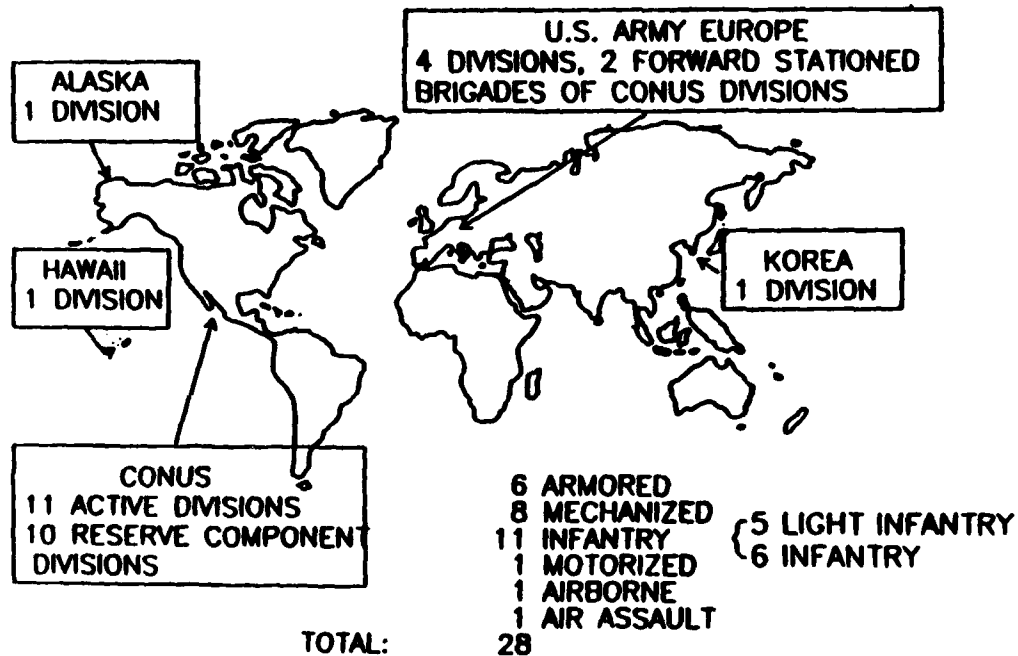
TO ACCOMPLISH THESE MISSIONS, THE TOTAL ARMY CONSISTS OF:

- * ACTIVE COMPONENT: FORMS THE NUCLEUS OF THE INITIAL FORCES FOR COMBAT
- * RESERVE COMPONENT: REINFORCES AND AUGMENTS ACTIVE FORCES AND PROVIDES INDIVIDUAL REPLACEMENTS
- * CIVILIAN COMPONENT: PROVIDES CRITICAL SUPPORT AND SUSTAINMENT

Regional Strategic OBJECTIVES

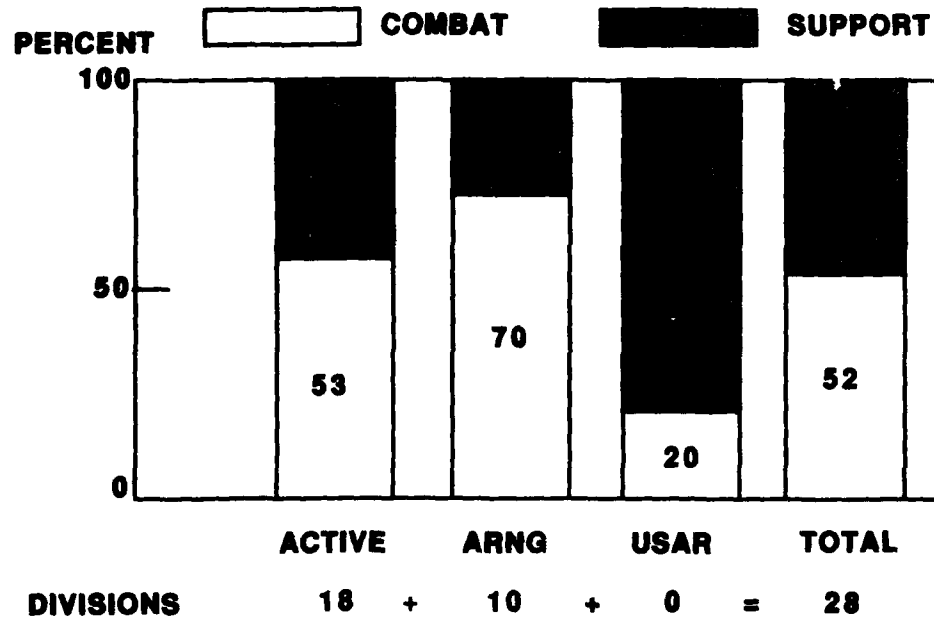


28 DIVISION STATIONING

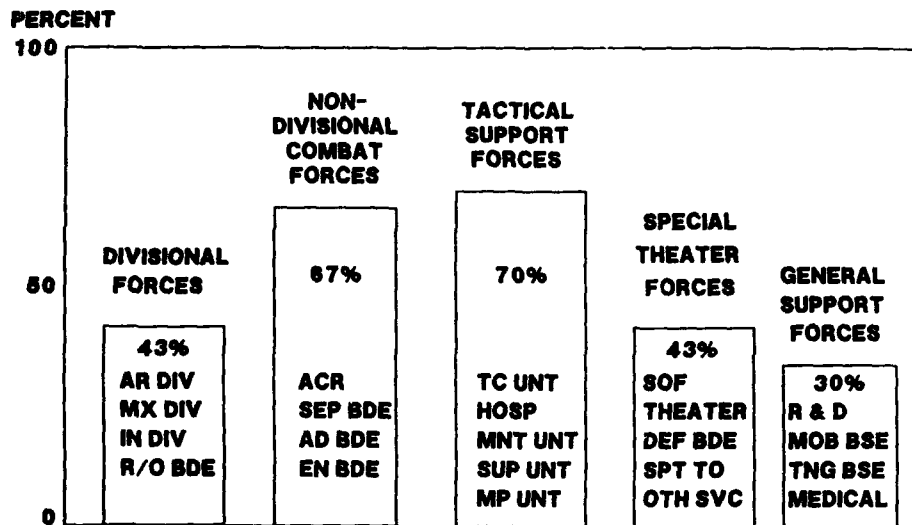


STRUCTURING DISTRIBUTION OF FORCE STRUCTURE

FY 1990/1991 COMBAT TO SUPPORT



RESERVE COMPONENT FORCES CONTRIBUTION TO THE TOTAL ARMY FORCE FY 1990/1991



MANNING ARMY MANPOWER END STRENGTH (000's)

FISCAL YEARS

MILITARY	89	90	91
ACTIVE COMPONENT:	767.4	764.4	764.1
OFFICER	(106.5)	(106.1)	(105.8)
ENLISTED	(656.4)	(653.8)	(653.8)
CADET	(4.5)	(4.6)	(4.6)
RESERVE COMPONENT:	1081.2	1119.3	1223.7
SELECTED RESERVE	776.0	779.7	781.6
USAR 1/	(318.7)	(321.7)	(323.1)
ARNG	(457.3)	(458.0)	(458.5)
IRR	295.1	329.5	432.0
ING	10.1	10.1	10.1
TOTAL MILITARY 2/	1848.6	1883.7	1987.8

CIVILIAN

DIRECT HIRE:			
OMA	209.7	219.2	219.2
RC	41.6	41.9	42.2
RDT&E	27.3	28.1	28.1
MCA	9.7	9.1	9.2
FAMILY HOUSING	1.2	1.2	1.2
AIF	52.1	43.8	43.6
OTHER	.5	.5	.5
TOTAL DIRECT HIRE	342.1	343.8	343.9

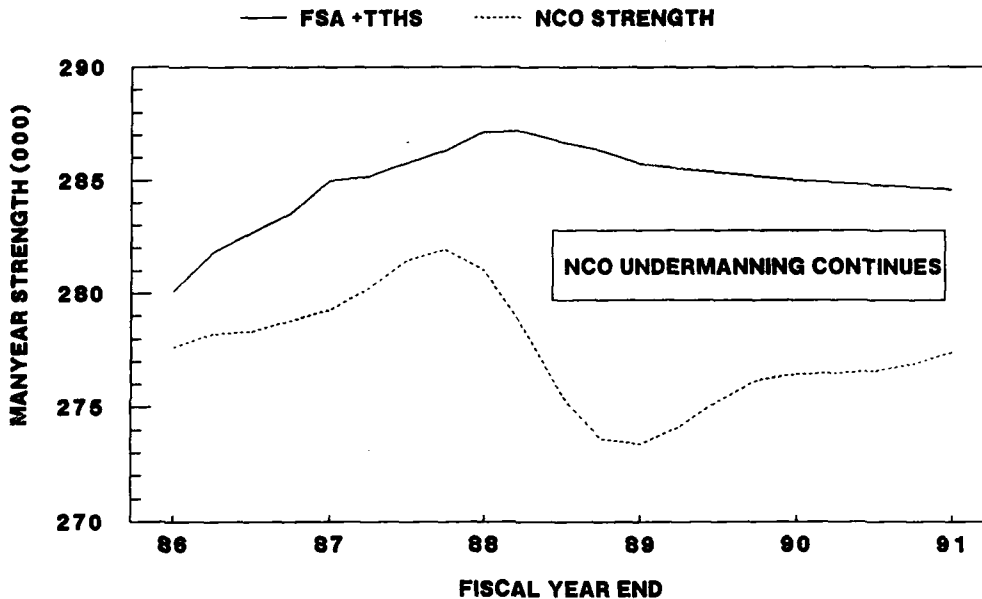
INDIRECT HIRE:			
OMA	58.0	58.4	58.1
FAMILY HOUSING	1.3	1.3	1.3
OTHER	.7	.8	.7
TOTAL INDIRECT HIRE	59.9	60.4	60.1
TOTAL CIVILIANS 2/	402.1	404.2	404.0

89 90 91

1/ IMA 14.7 14.8 14.7

2/ NOTE: COLUMNS MAY NOT ADD DUE TO ROUNDING

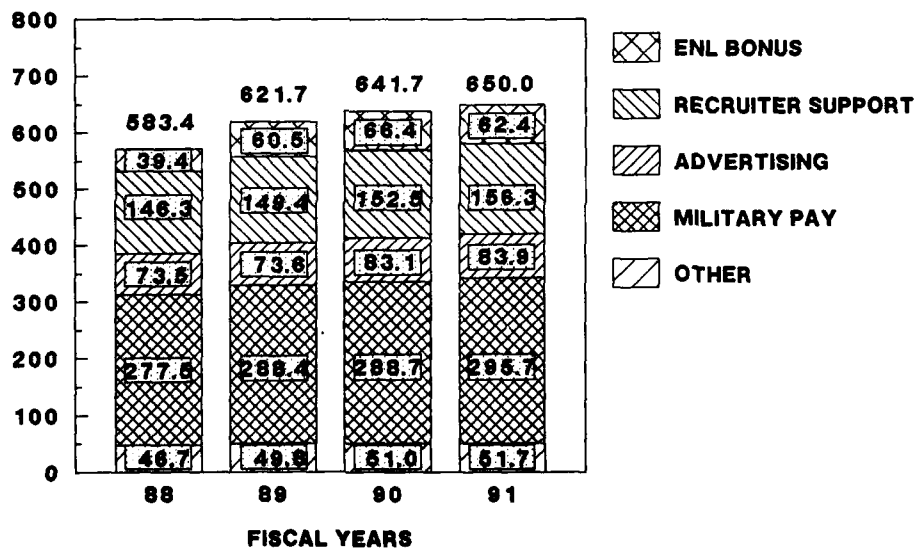
ACTIVE ARMY ENLISTED FORCE MANAGEMENT NCO (E5 - E9) MANYEAR SHORTAGES



MANYEARS	FY 86	FY 87	FY 88	FY 89	FY 90	FY 91
NCO SHORTFALL (000's)	2.45	5.71	6.12	12.31	8.54	7.17

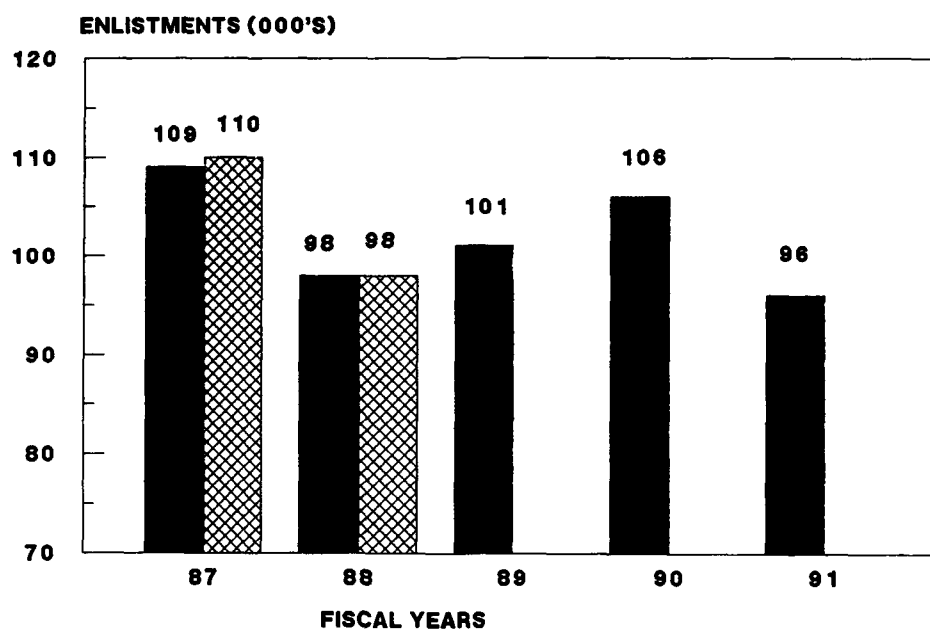
TOTAL ACTIVE ARMY RECRUITING RESOURCES (ENLISTED/OFFICER/MEDICAL)

\$ MILLIONS

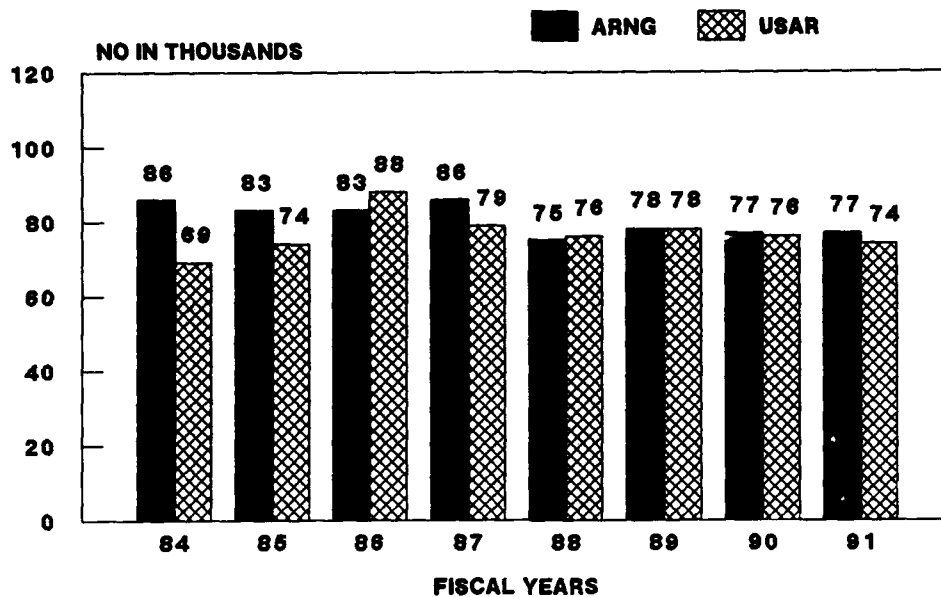


ACTIVE ARMY NPS HSDG ENLISTMENTS

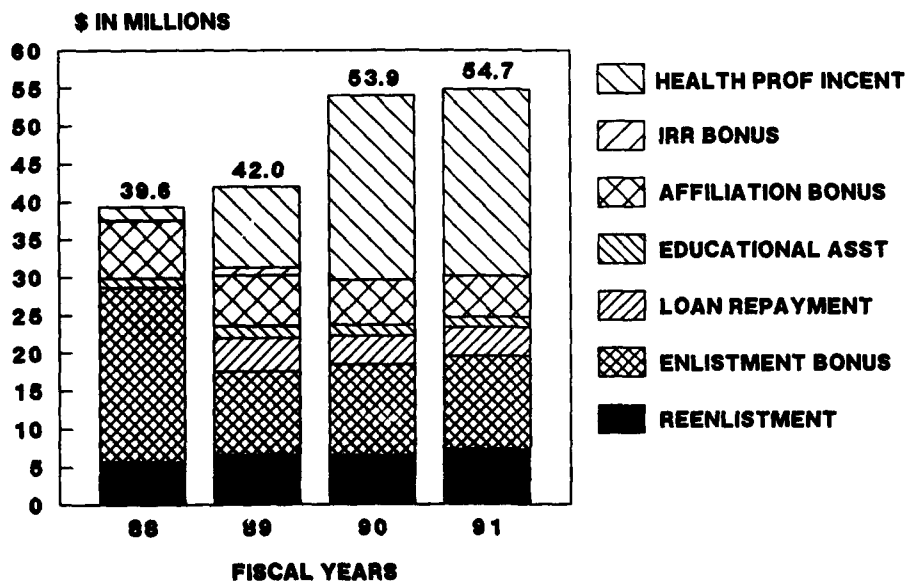
■ GOAL ▨ ACHIEVED



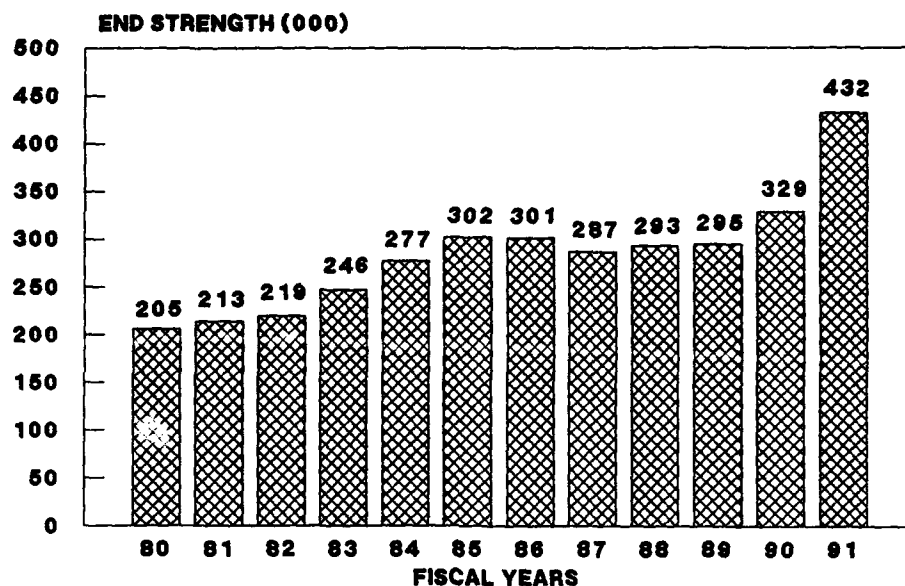
RESERVE COMPONENT RECRUITING PRIOR/NON-PRIOR SERVICE ENLISTMENTS



ARMY RESERVE INCENTIVE PROGRAM

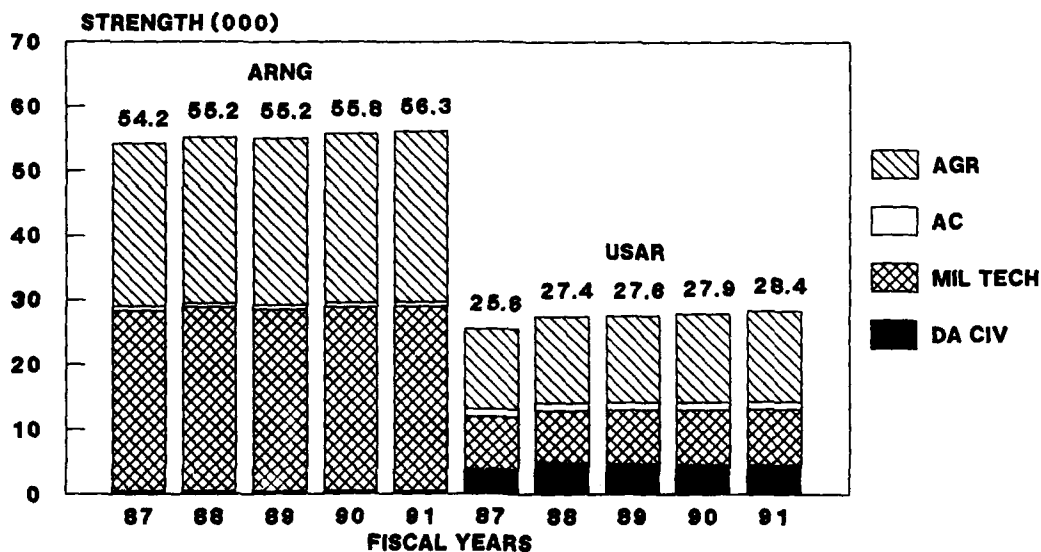


STRENGTH - INDIVIDUAL READY RESERVE



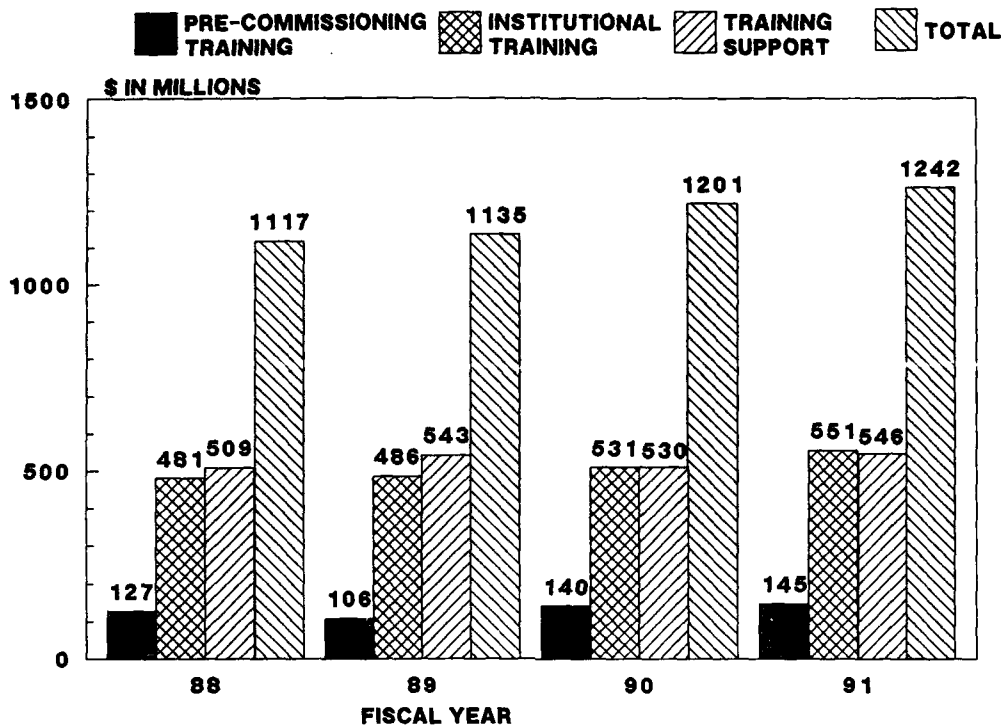
Note: growth in FY90 & 91 due to increase in military service obligation from 6 to 8 years.

RESERVE COMPONENT FULL-TIME SUPPORT



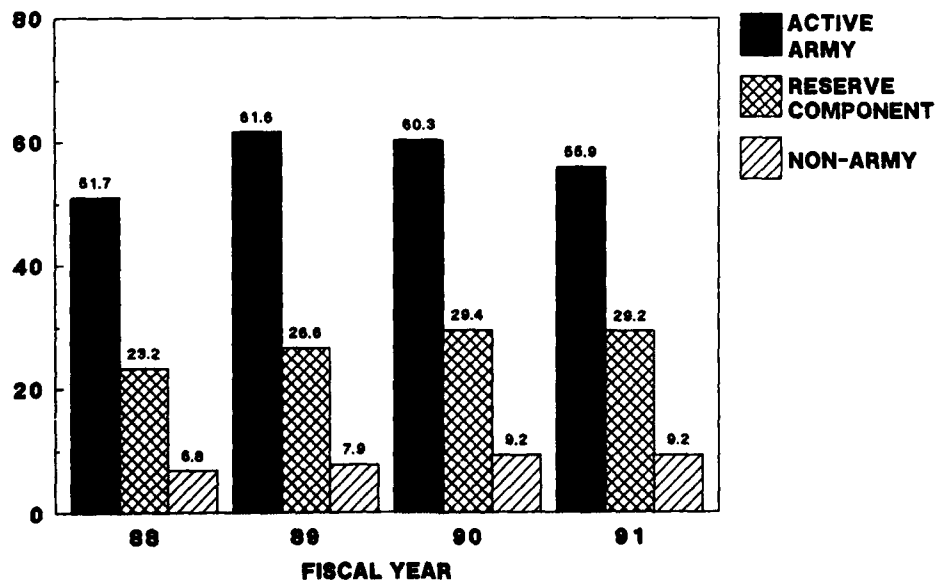
Note: Full-Time Support includes all categories as defined in DODD 1205.18.

TRAINING INDIVIDUAL TRAINING (P8T MSN)



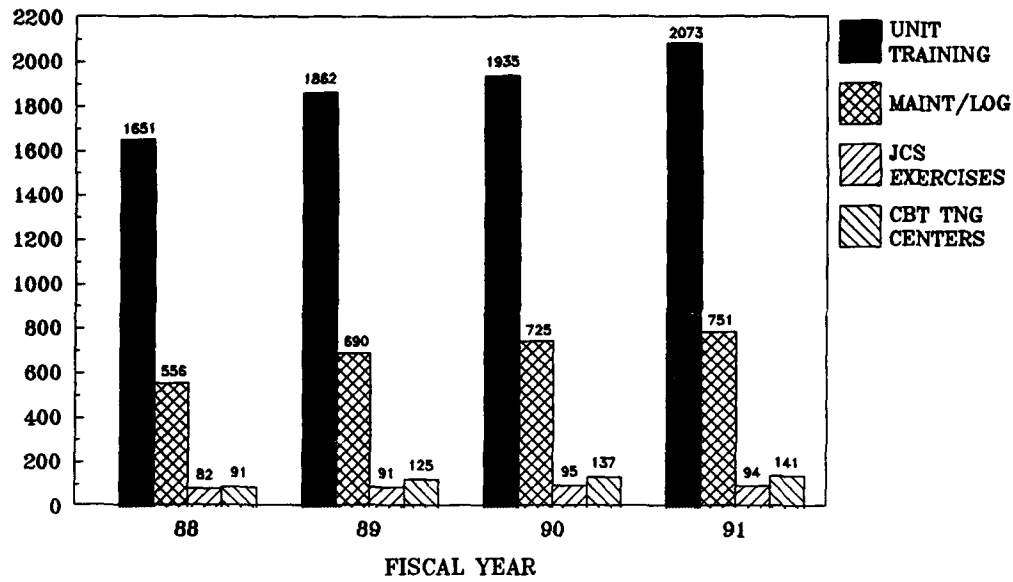
INSTITUTIONAL TRAINING WORKLOAD P8 TRAINING

STUDENT/TRAINEE MANYEARS (000)

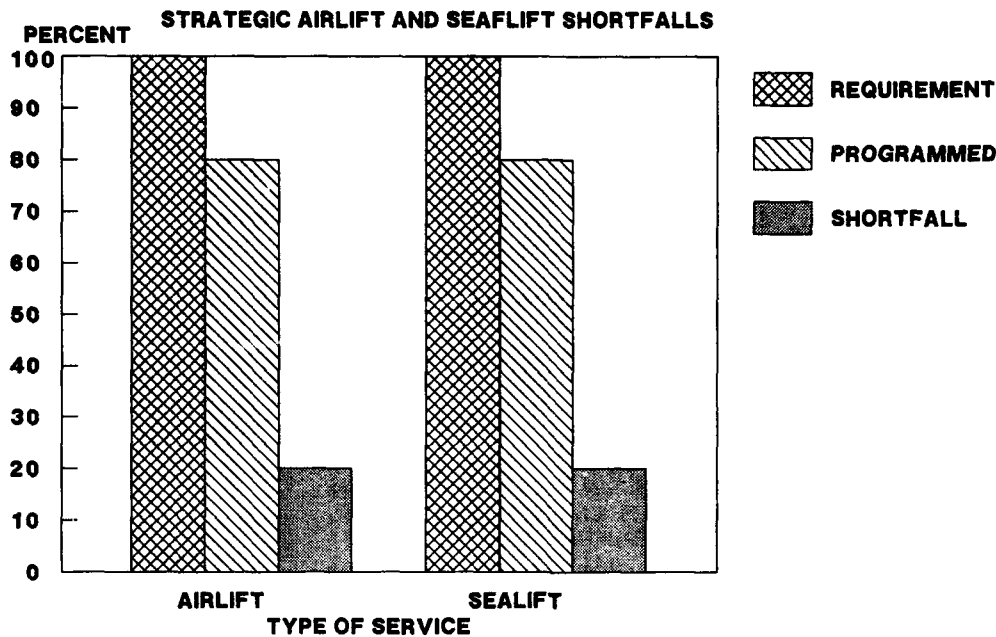


OPERATIONS/TRAINING PROGRAM 2 (MISSION)

\$ IN MILLIONS



MOBILIZING AND DEPLOYING STRATEGIC MOBILITY



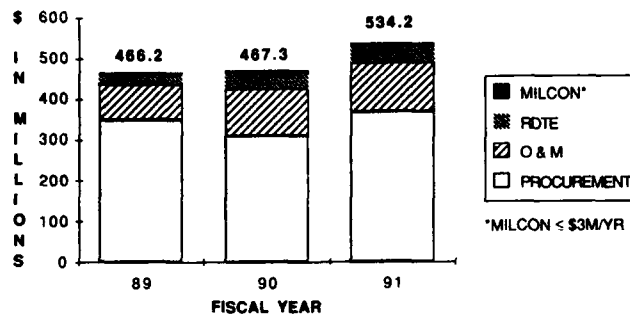
REQUIREMENT SOURCE: CONGRESSIONALLY MANDATED MOBILITY STUDY AND DOD
SEAFLIFT STUDY UPDATED BY RRF RESIZING STUDY

MOBILITY TRIAD

AIRLIFT
PREPOSITIONING SEALIFT

STRATEGIC MOBILITY IS A TOTAL SYSTEM TRADITIONALLY
DISPLAYED AS A TRIAD OF AIRLIFT, SEALIFT, AND PREPOSITIONING.
THE ARMY RELIES ON THE AIR FORCE AND NAVY FOR CRITICAL
AIRLIFT AND SEALIFT CAPABILITIES. ARMY FULLY SUPPORTS THE
INITIATIVES BEING TAKEN TO IMPROVE LIFT ASSETS, SUCH AS
THE DEVELOPMENT OF THE C-17, THE CIVIL RESERVE AIR FLEET
MODIFICATION PROGRAM, READY RESERVE FORCE EXPANSION, AND
THE PROCUREMENT OF FLATRACKS AND SEASHEDS TO MAKE
CONTAINERSHIPS UNIT EQUIPMENT COMPATIBLE.

INDUSTRIAL PREPAREDNESS PROGRAM ARMY APPROPRIATIONS



PROCUREMENT

(IN MILLIONS)
FY90/FY91

- PROVISION OF INDUSTRIAL FACILITIES (PIF), (INITIAL PRODUCTION, MODERNIZATION, AND EXPANSION OF GOVERNMENT OWNED FACILITIES TO SUPPORT THE PRODUCTION BASE). 183.1/242.4
- DEPOT MAINTENANCE PLANT EQUIPMENT (DMPE), (PROVIDES FOR PROCUREMENT AND INSTALLATION OF PLANT EQUIPMENT REQUIRED TO SUPPORT DEPOT MAINTENANCE MISSION). 37.8/33.1
- LAYAWAY OF INDUSTRIAL FACILITIES (LIF), (PROVIDES FOR PRESERVATION OF FACILITIES RETAINED FOR MOBILIZATION). (FY90/91 FUNDING INCLUDES PLANT CLEARANCE FOR DETROIT ARSENAL). 72.1/65.8
- INDUSTRIAL MODERNIZATION INCENTIVES PROGRAM (IMIP) PREVIOUSLY FUNDED RDTE&E). 9.0/8.9
- INDUSTRIAL BASE SURGE. 0.5/3.2
- VALUE ENGINEERING (VE). 1.3/1.3
- PROVE OUT (AMMO). 7.0/12.6

OPERATION & MAINTENANCE

(IN MILLIONS)
FY90/FY91

- PROVIDES MAINTENANCE OF LAYAWAY PLANTS, ARSENALS, EQUIPMENT, AND INDUSTRIAL PREPAREDNESS PLANNING AND INDUSTRIAL BASE MANAGEMENT. 114.2/120.4

RESEARCH, DEVELOPMENT TESTING & EVALUATION

- MANUFACTURING, METHODS & TECHNOLOGY (MM&T). 34.5/36.1
- NON-DEVELOPMENTAL ITEMS (NDI). 7.5/7.6

MILITARY CONSTRUCTION

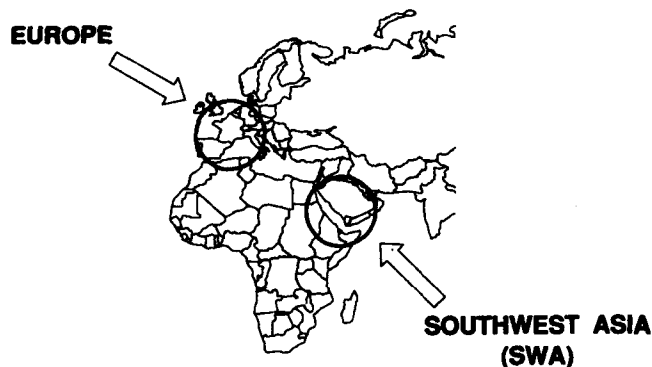
- BINARY MUNITIONS PHASE III AT PINE BLUFF ARSENAL IN FY89. CHEMICAL AGENT DETECTOR PAPER FACILITY AT PINE BLUFF ARSENAL IN FY91. 0.0/1.5

SUSTAINING WARTIME HOST NATION SUPPORT AND LOGISTICS CIVIL AUGMENTATION PROGRAM

BRIDGING THE COMBAT SUPPORT AND COMBAT SERVICE SUPPORT SHORTFALL THROUGH WARTIME HOST NATION SUPPORT AND LOGISTICS CIVIL AUGMENTATION PROGRAM (LOGCAP)

WARTIME HOST NATION SUPPORT (WHNS)

- WHNS AGREEMENTS : UK, BENELUX, DENMARK, CANADA, NORWAY, ITALY, TURKEY, GERMANY, BRITISH FORCES (GERMANY)
- MUCH SUPPORT FROM CIVIL SECTORS IN NEARLY EVERY CS/CSS AREA. ADVANCED LINES OF COMMUNICATION IN UK, BENELUX AND GERMANY
- EQUATES TO 64,922 U.S. ARMY PERSONNEL OFFSETS (FY92 - 94 FORCE)



LOGISTICS AUGMENTATION PROGRAM (LOGCAP)

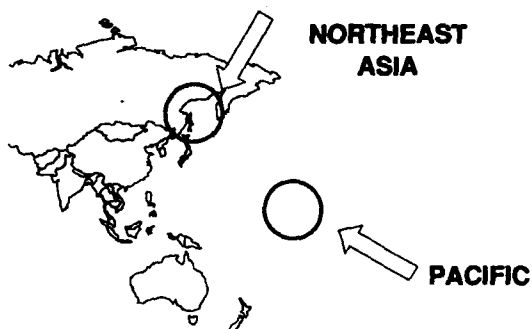
- AWARDS CIVIL CONTRACTS IN PEACE TO MEET CRITICAL WARTIME SUPPORT SHORTFALLS, WORLDWIDE. GLOBAL CORPORATE ASSETS SUPPORT U.S. ARMY WARFIGHTING NEEDS.
- THIRD U.S. ARMY (TUSA) HAS THE MOST ADVANCED PROGRAM. TUSA LET A POL CONTRACT AND INTENDS TO AWARD TUG-BOAT, STEVEDORE, MAINTENANCE, SERVICES AND ENGINEER CONTRACTS DURING 1989 - 1992.
- TUSA LOGCAP CONTRACTS EQUATE TO 8,445 U.S. ARMY PERSONNEL OFFSETS (FY92 - 94 FORCE)
- U.S. ARMY, EUROPE IS PLANNING FOR LOGCAP TO COMPLEMENT ORGANIC AND WHNS ON THE NORTHERN AND SOUTHERN FLANKS.

KOREAN WHNS

- CONSTRUCTS U.S. ARMY PROJECTS TO ENHANCE PEACETIME READINESS AND WARFIGHTING CAPABILITIES.
- PROVIDES MUCH PARAMILITARY AND CIVIL SUPPORT IN MOST CS/CSS FUNCTIONAL AREAS. KOREAN AUGMENTATION TO THE U.S. ARMY AND KOREAN SERVICE CORPS PROVIDE EXTENSIVE PERSONNEL SUPPORT IN PEACE AND W/R.
- EQUATES TO 12,027 U.S. ARMY PERSONNEL OFFSETS (FY80-94 FORCE).

JAPANESE CONTINGENCY MUTUAL SUPPORT (CMS)

- CMS IS WHNS IN JAPAN.
- INFORMALLY PLANNING FOR SUPPORT IN MOST CS/CSS AREAS TO SUPPORT THE U.S. ARMY IN JAPAN AND REGIONALLY.

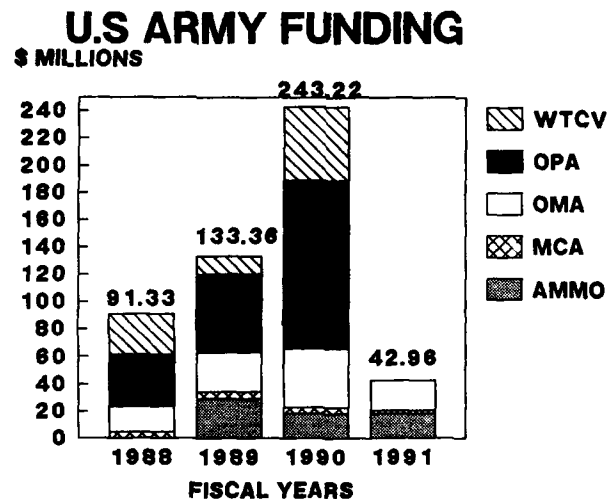


U.S. ARMY WESTERN COMMAND (WESTCOM)

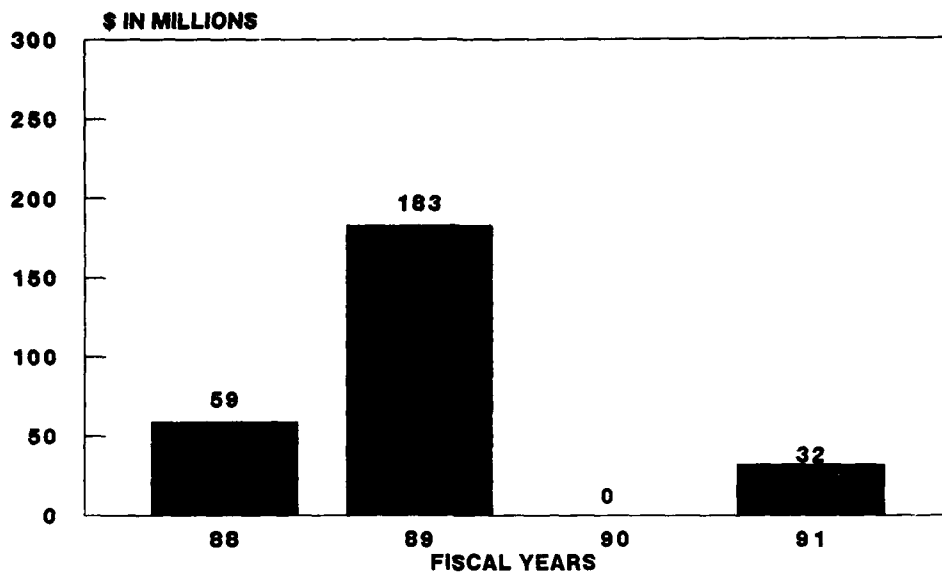
- FRIENDLY ALLIED NATIONS (FANS) SUPPORT EQUATES TO WESTCOM WHNS
- FANS MAINTAINS CS/CSS CAPABILITIES DATA ON 43 PACIFIC NATIONS WHICH MAY BE REQUESTED TO SUPPORT THE U.S. ARMY IN THE PACIFIC IN WAR. MOST FUNCTIONAL SUPPORT AREAS ARE COVERED BY FANS.
- WESTCOM PLANS TO LET ITS FIRST LOGCAP CONTRACTS FOR THE ALEUTIANS AND GUAM DURING 89-90.

US/GERMANY WARTIME HOST NATION SUPPORT (WHNS) AGREEMENT

- GENERAL AND MILITARY TECHNICAL AGREEMENTS SIGNED 15 APR 82 AND 13 JUN 86, RESPECTIVELY.
- PROVIDES 100 GERMANY RESERVE UNITS (50,000 PERS) TO SUPPORT USAREUR.
- ALL 100 UNITS ACTIVATED BY 1988:TRANSPORTATION, AMMO, POL, CASUALTY, EVAC, NBC, ENGINEER, MAINTENANCE, SECURITY, SMOKE.
- ALL UNITS WILL BE FULLY MANNED AND INFRASTRUCTURE (78 SITES) READIED BY 1991.
- ONCE U.S. PURCHASES LAST OF GE UNIT EQUIPMENT IN 1990, ALL UNITS WILL BE FULLY OPERATIONAL BY 1993.
- PROVIDES ESSENTIAL SUPPORT FOR 10 DIVISION D-DAY FORCE.
- REDUCES CRITICAL SUPPORT SHORTFALL IN USAREUR.
- ADDITIONAL U.S. FORCES REQUIRED IF HNS NOT FULLY SUPPORTED.
- U.S. WORLDWIDE MODEL OF ALLIED BURDENSARING.

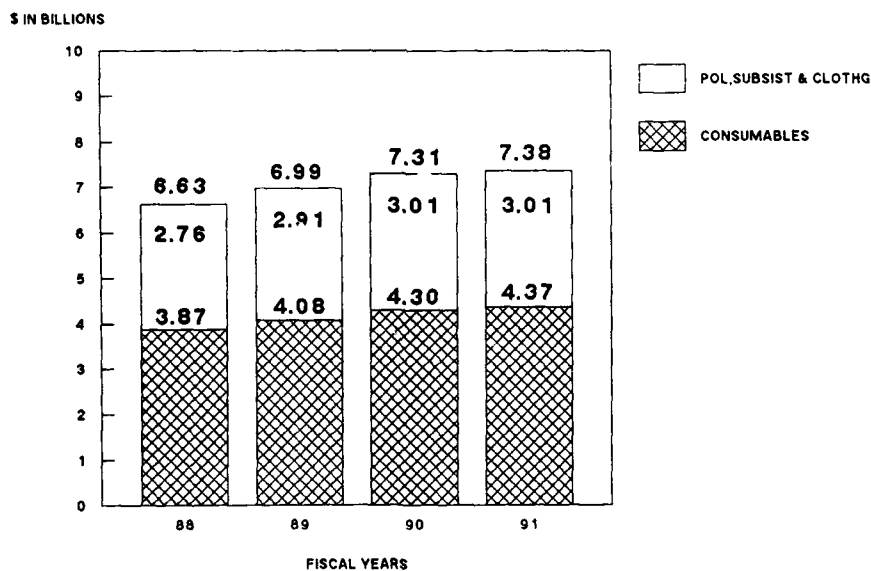


SECONDARY ITEMS ARMY STOCK FUND WAR RESERVE



INCLUDES: EXPENSE ITEMS AND PERSONAL ITEMS FOR THE INDIVIDUAL SOLDIER TO INCLUDE CHEMICAL PROTECTIVE CLOTHING, MEDICAL ITEMS, AND CONSUMABLE REPAIR PARTS FOR WEAPONS SYSTEMS AND OTHER EQUIPMENT.

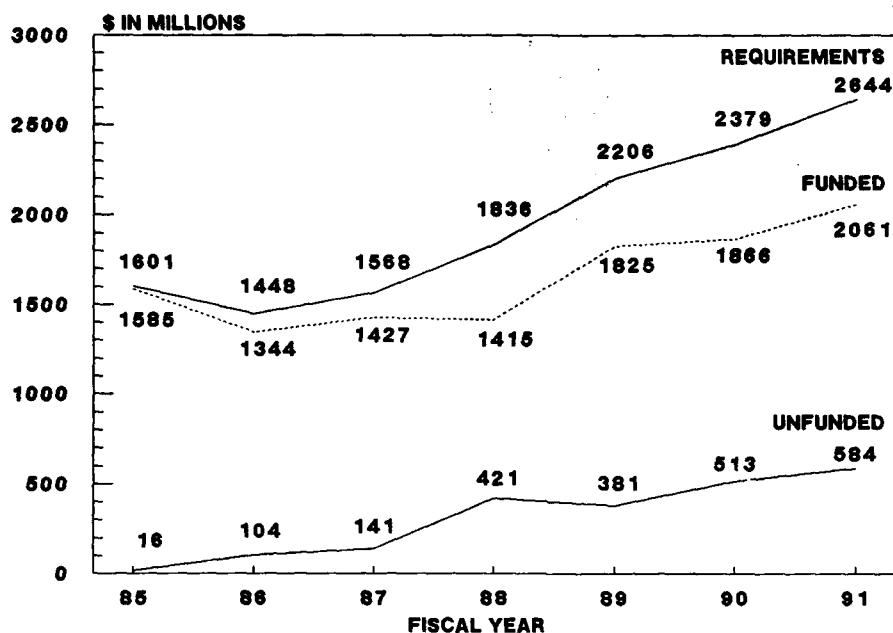
SECONDARY ITEMS ARMY STOCK FUND SALES



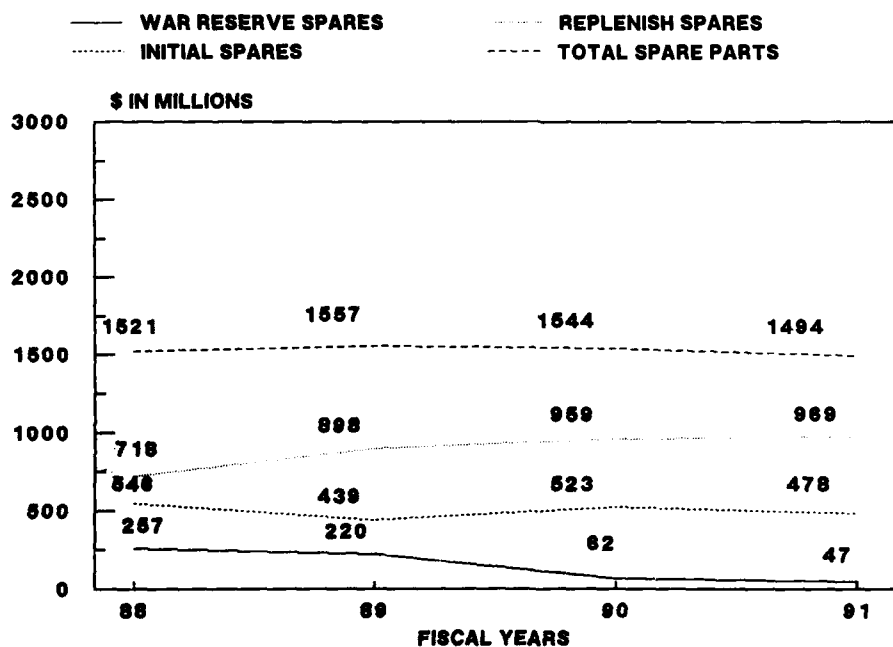
PROVIDES CONSUMABLE ITEMS SUCH AS REPAIR PARTS, MEDICAL SUPPLIES, AND EQUIPMENT, AS WELL AS FUEL, FOOD, AND CLOTHING.

MATERIEL MAINTENANCE ACTIVITIES

OVERHAUL, REPAIR AND MODERNIZATION OF MATERIEL FOR RETURN TO THE SUPPLY SYSTEM



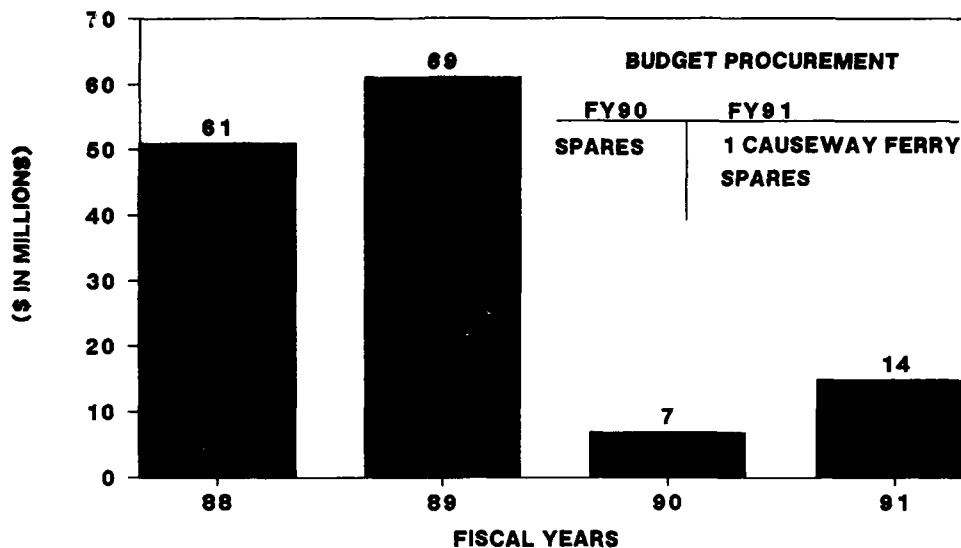
SECONDARY ITEMS FUNDED BY PROCUREMENT APPROPRIATIONS



INCLUDES: DEPOT REPARABLE SPARES SUCH AS AIRCRAFT AND TANK ENGINES.

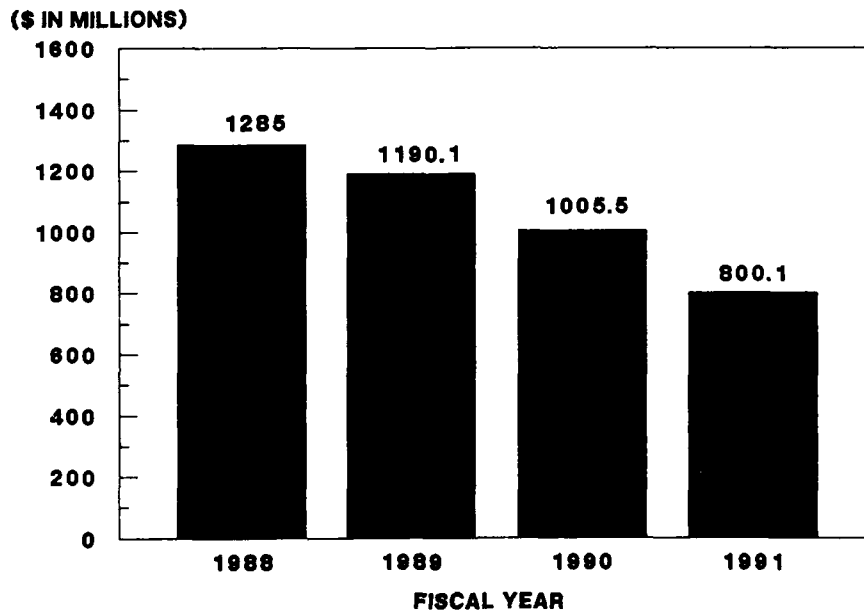
LOGISTICS-OVER-THE-SHORE (LOTS)

OTHER PROCUREMENT, ARMY



THIS PROGRAM PROCURES MODERN COMMERCIALY AVAILABLE WATERCRAFT AND OTHER LOGISTICS-OVER-THE-SHORE EQUIPMENT TO SUPPORT LOTS OPERATIONS IN THOSE AREAS OF THE WORLD WHERE COMMERCIAL PORTS ARE INADEQUATE, UNAVAILABLE, OR DENIED.

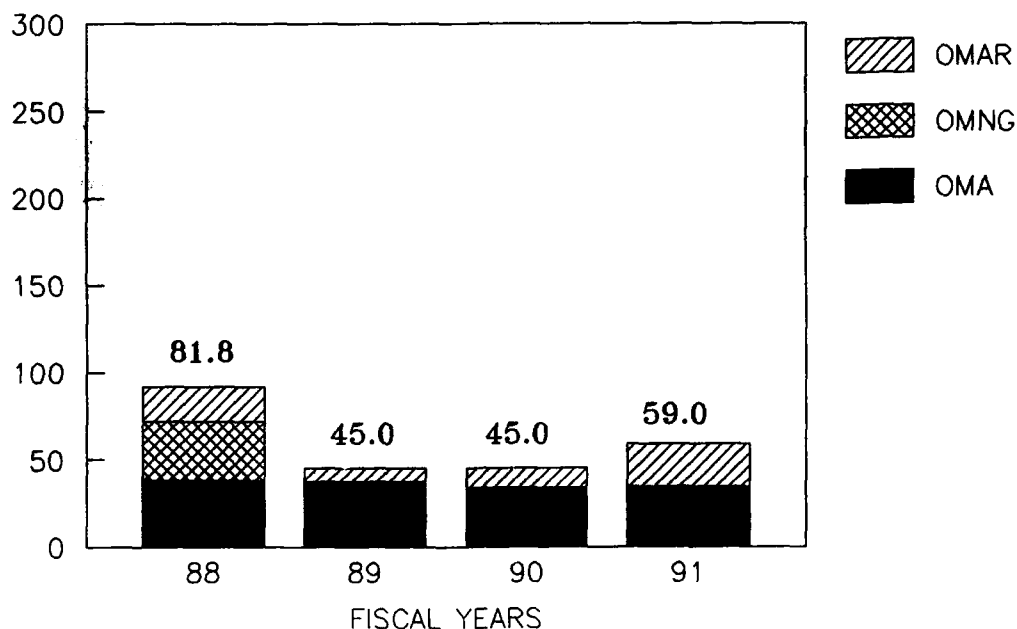
AMMUNITION HARDWARE WAR RESERVE



ORGANIZATIONAL CLOTHING

AND INDIVIDUAL EQUIPMENT

(\$ IN MILLIONS)

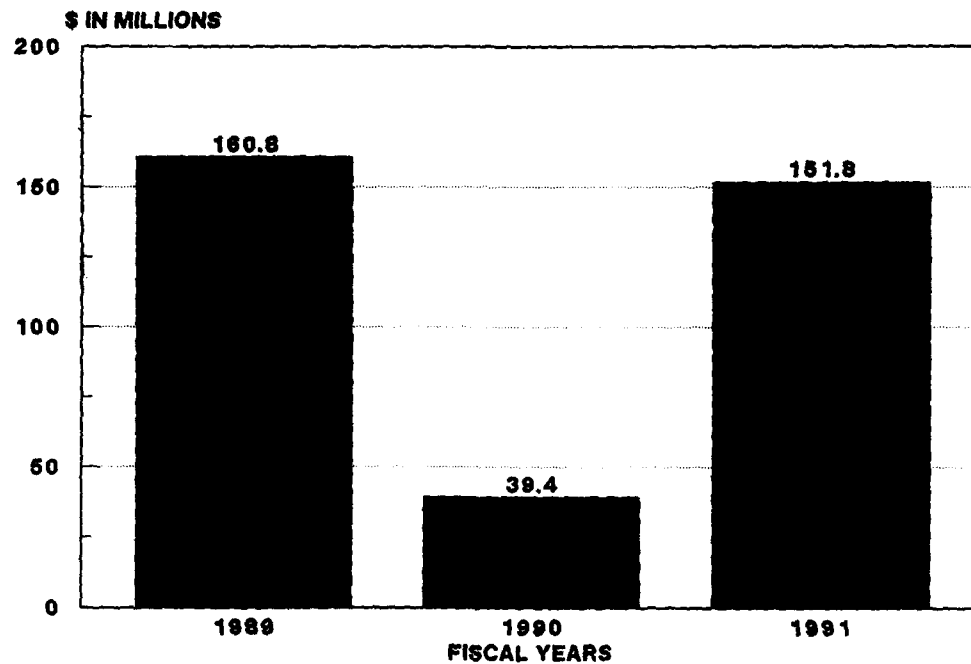


ORGANIZATIONAL CLOTHING AND INDIVIDUAL EQUIPMENT

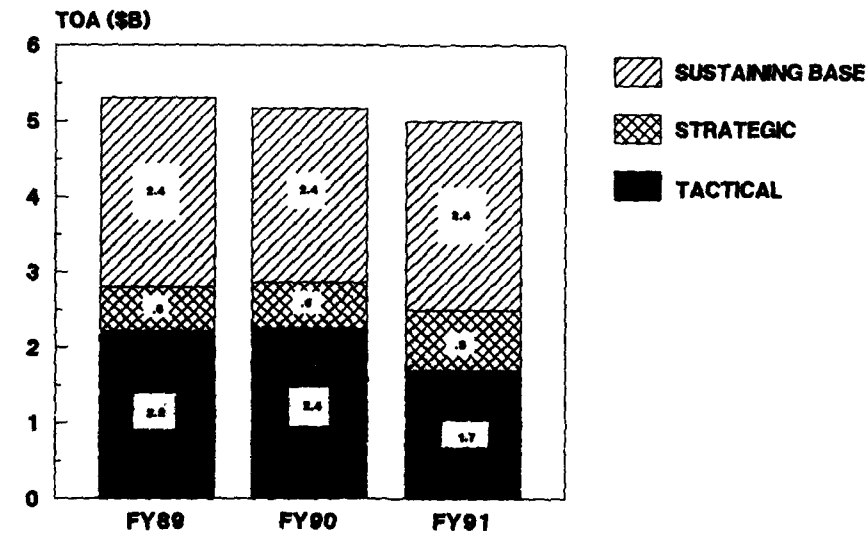
THIS PROGRAM FUNDS THE COST DIFFERENCE FOR INITIAL ISSUE OF IMPROVED AND MODERNIZED CLOTHING AND INDIVIDUAL EQUIPMENT FOR THE ACTIVE AND RESERVE COMPONENTS. ITEMS PROCURED ARE EXTENDED COLD WEATHER CLOTHING SYSTEM, PERSONNEL ARMOR SYSTEM GROUND TROOP (PASGT) HELMET, COMBAT VEHICLE CREWMAN UNIFORM SYSTEM (CVCUS), FIELD PACK LARGE WITH INTERNAL FRAME, INDIVIDUAL TACTICAL LOAD BEARING VEST AND OTHER ITEMS TO BE FIELDDED.

THE ARMY'S GOAL IS TO ENHANCE SOLDIER SURVIVABILITY ON THE MODERN BATTLEFIELD BY PROVIDING STATE-OF-THE-ART WEATHER RESISTANT AND BALLISTIC PROTECTIVE CLOTHING AND LIGHTENING THE LOAD OF THE INDIVIDUAL SOLDIER.

LOGISTICS UNIT PRODUCTIVITY SYSTEMS (LUPS) EXPENDITURES



MANAGING INFORMATION (TOTAL OBLIGATION AUTHORITY)



TACTICAL

MOBILE SUBSCRIBER EQUIPMENT (MSE)
SINCGARS
ADPS
SPECIAL OPERATIONS FORCES COMMUNICATIONS
TSP-TAC
TACCS
OTACCS
SATELLITE TERMINALS

STRATEGIC

WWNCCS
SATELLITE EARTH TERMINALS
CINC CE
DEFENSE DATA NETWORK
NAVSTAR GPS

SUSTAINING BASE

BASE COMMUNICATIONS
IS SPT TO MAGCOMS
PERSONNEL AUTOMATION
LOG AUTOMATION
PM SYS AUTOMATION
VIGIL/ARMED
TELEPHONE UPGRADE
RC AUTOMATION

FACILITIES FUNDING

FACILITIES CONSTRUCTION (\$ IN MILLIONS)

<u>APPROPRIATION</u>	<u>FY 1989</u>	<u>FY 1990</u>	<u>FY 1991</u>
MILITARY CONSTRUCTION, ARMY	1144	745	995
ARMY FAMILY HOUSING	197	55	59
MILITARY CONSTRUCTION, ARMY RESERVE	86	77	62
MILITARY CONSTRUCTION, ARMY NATIONAL GUARD	<u>229</u>	<u>114</u>	<u>120</u>
TOTAL	1656	991	1236

FACILITIES FUNDING

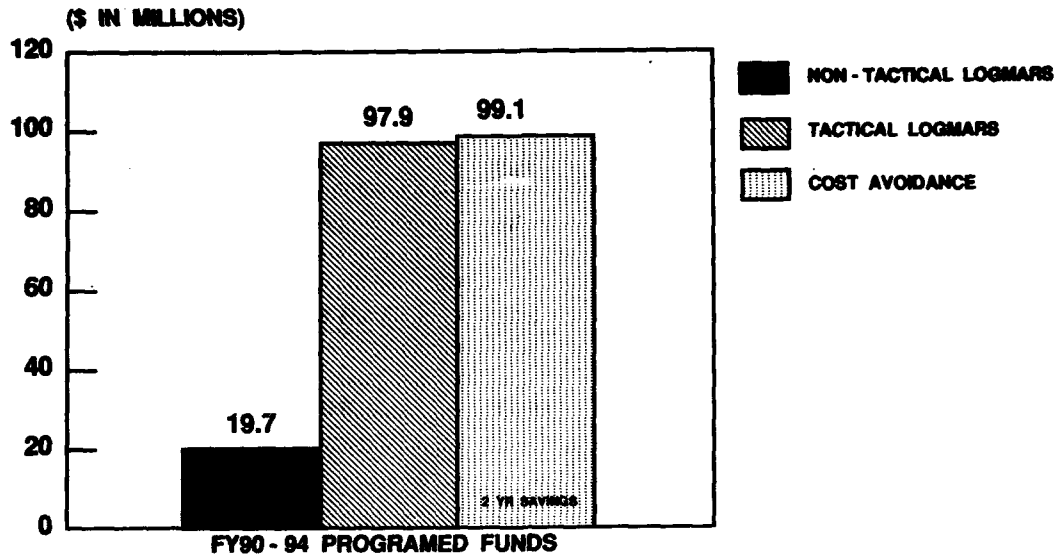
FACILITIES MAINTENANCE AND REPAIR

(\$ IN MILLIONS)

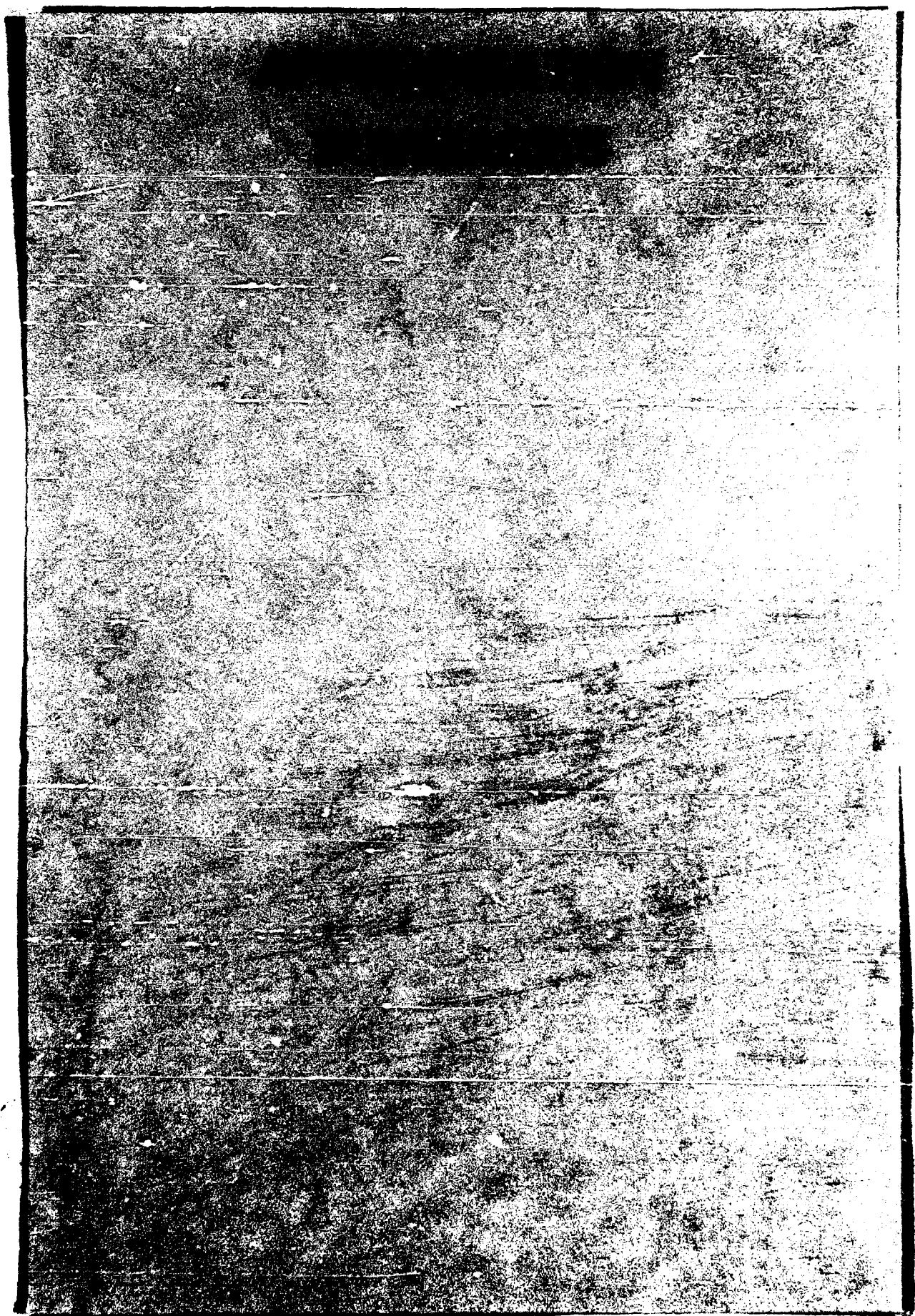
<u>APPROPRIATION</u>	<u>FY 1989</u>	<u>FY 1990</u>	<u>FY 1991</u>
OPERATION AND MAINTENANCE, ARMY	1423	1534	1693
OPERATION AND MAINTENANCE, ARMY RESERVE	41	39	41
OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD	93	102	111
RESEARCH, DEVELOPMENT, TEST & EVALUATION	183	199	203
ARMY INDUSTRIAL FUND	<u>133</u>	<u>125</u>	<u>120</u>
TOTAL	1873	1999	2168
BACKLOG OF MAINT & REPAIR (BMAR)	(2545)	(3419)	(4173)
ARMY FAMILY HOUSING (M&R)	597	562	597
DEFERRED MAINT & REPAIR (DMAR)	(693)	(928)	(1145)

PRODUCTIVITY INITIATIVE

LOGISTICS APPLICATIONS OF AUTOMATED MARKINGS AND READING SYMBOLS (LOGMARS)



THESE SAVINGS ARE ACHIEVED BY THE INTRODUCTION OF LOGMARS TECHNOLOGY INTO THE LOGISTICS SYSTEM AND ARE DEPENDENT UPON FULL IMPLEMENTATION OF LOGMARS THROUGHOUT THE SYSTEM. BAR CODES, ONCE APPLIED, CAN BE USED REPEATEDLY THROUGHOUT THE SYSTEM, ACHIEVING SAVINGS AT ALL SUBSEQUENT LEVELS. COST SAVINGS SHOWN ARE FOR ONLY THE FIRST TWO YEARS AFTER FULL IMPLEMENTATION IS ACHIEVED. COST AVOIDANCES WILL CONTINUE TO BE REALIZED THROUGHOUT THE LIFE OF THE SYSTEM.



FY 1990 ARMY BUDGET SUMMARY **(TOA - \$ IN MILLIONS)**

	FISCAL YEARS		
<u>APPROPRIATIONS</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>
MILITARY PERSONNEL, ARMY	\$24,646	\$24,704	\$25,344
OPERATION & MAINTENANCE, ARMY *	22,468	23,713	24,883
PROCUREMENT	14,949	14,166	14,324
AIRCRAFT	(2,872)	(2,906)	(3,038)
MISSILES	(2,592)	(2,662)	(3,004)
WTCV	(2,820)	(2,724)	(2,782)
AMMO	(2,005)	(1,705)	(1,574)
OTHER	(4,660)	(4,169)	(3,926)
RESEARCH, DEVELOPMENT, TEST AND EVALUATION	5,117	5,694	6,028
MILITARY CONSTRUCTION, ARMY	1,144	745	995
ARMY FAMILY HOUSING	1,527	1,438	1,617
RESERVE COMPONENTS	8,511	8,413	8,720
NATL GUARD PERSONNEL, ARMY	(3,299)	(3,247)	(3,385)
OPERATION & MAINTENANCE, ARNG	(1,850)	(1,870)	(1,896)
MILITARY CONSTRUCTION, ARNG	(229)	(114)	(120)
RESERVE PERSONNEL, ARMY	(2,212)	(2,243)	(2,354)
OPERATION AND MAINTENANCE, ARMY RESERVE	(835)	(862)	(903)
MILITARY CONSTRUCTION, ARMY RESERVE	(86)	(77)	(62)
STOCK FUNDS	292	108	142
TOTAL	\$78,654	\$78,981	\$82,050

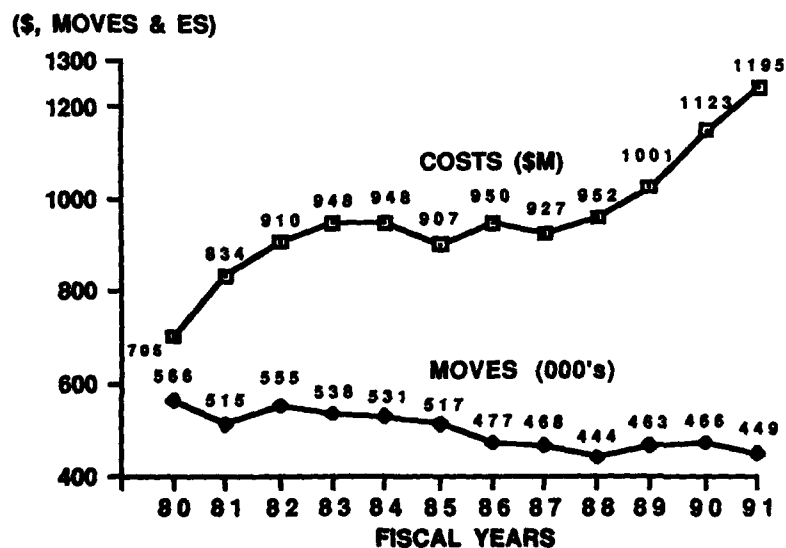
* INCLUDES NATIONAL BOARD FOR PROMOTION OF RIFLE PRACTICE

MILITARY PERSONNEL, ARMY (MPA)

(\$ IN MILLIONS)

	FISCAL YEARS			
	1988	1989	1990	1991
PAY, OFFICER	6,108	6,264	6,279	6,459
PAY, ENLISTED	15,594	16,074	15,975	16,297
PAY, CADETS	33	35	36	37
SUBSISTENCE	1,084	1,121	1,172	1,240
PCS TRAVEL	952	1,005	1,123	1,195
OTHER MIL PERS COSTS	146	147	120	116
TOTAL DIRECT PROGRAM	23,917	24,646	24,704	25,344
RETIRED PAY ACCRUAL	5,936	6,023	5,427	5,529
TOTAL less Retired				
Pay Accrual	17,981	18,623	19,277	19,815

PCS: MOVES DOWN -- COSTS UP



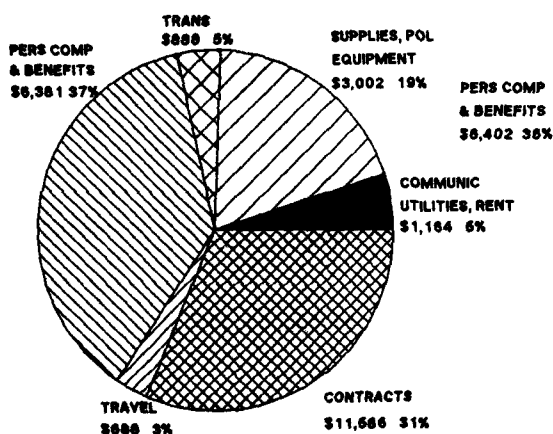
**OPERATION & MAINTENANCE, ARMY
BUDGET PROGRAM
(\$ IN MILLIONS)**

PROGRAM	1988	1989	1990	1991
2 GEN PURPOSE FORCES	3,858	3,727	4,095	4,205
3I INTELLIGENCE	301	308	344	368
3C COMMUNICATIONS	977	1,007	1,132	1,232
7E ENVIRONMENT	179	229	0	0
7S CENTRAL SUPPLY	2,979	3,058	3,246	3,330
7M MAINTENANCE	2,022	2,422	2,550	2,762
8T TRAINING	1,116	1,135	1,201	1,242
8M MEDICAL	2,267	2,449	2,569	2,725
8O OTHER	703	715	774	779
95 ADMINISTRATION	839	952	1,006	1,040
10 OTHER NATIONS SUPPORT	240	251	258	267
11 SPEC OPNS FORCES	190	197	210	223
12 BASE OPERATIONS	5,810	6,014	6,324	6,703
TOTAL PROGRAM	21,482	22,464	23,709	24,876

**OPERATION AND MAINTENANCE, ARMY
TYPE OF EXPENSE FINANCED**

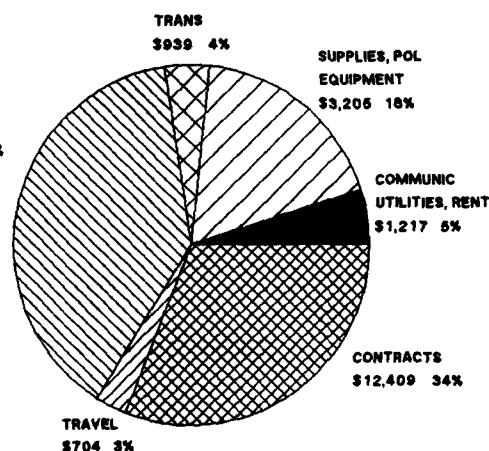
(\$ IN MILLIONS)

FY 1990



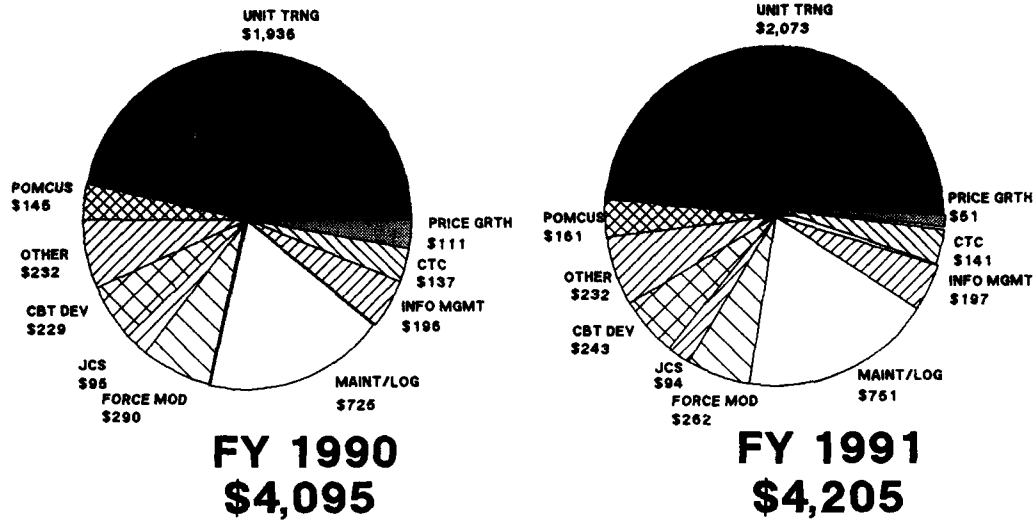
TOTAL \$23,709

FY 1991

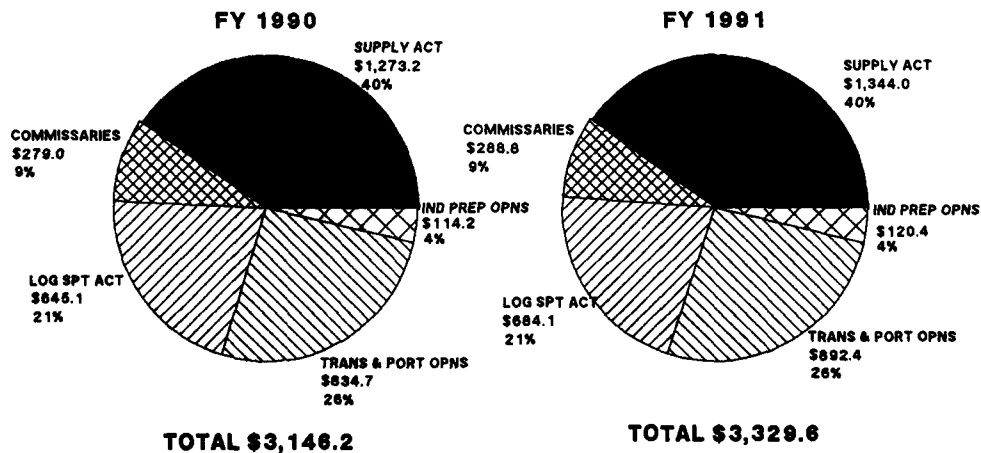


TOTAL \$24,876

OPERATION AND MAINTENANCE, ARMY **P2 GENERAL PURPOSE FORCES** (\$ IN MILLIONS)



CENTRAL SUPPLY ACTIVITIES **PROGRAM 7S (MISSION)** (\$ IN MILLIONS)



TOTAL PROGRAM CONSISTS OF \$3,245.5 WHICH INCLUDES \$99.3M TO BE PASSED THROUGH TO AIF

TOTAL PROGRAM CONSISTS OF \$3,329.6. THERE ARE NO REFUNDS/PASS THROUGHS TO INDUSTRIAL FUNDS IN FY 1991

BASE OPERATIONS - FUNCTIONAL
(\$ IN MILLIONS)

	FY 88	FY 89	FY 90	FY 91
A REAL ESTATE LEASES	230	248	247	258
B SUPPLY OPERATIONS	264	261	274	275
C MAINTENANCE OF MATERIAL	174	186	205	200
D TRANSPORTATION SERVICES	270	260	262	267
E LAUNDRY AND DRY CLEANING SERVICES	34	33	35	36
F ARMY FOOD SERVICE PROGRAM	259	274	286	303
G PERSONNEL SUPPORT	268	261	274	284
H UNACCOMPANIED PERSONNEL HOUSING OPN, ADMINISTRATION, & FURNISHINGS	72	80	81	88
N ADMINISTRATION	136	129	133	140
P AUTOMATION ACTIVITIES	176	149	130	139
Q RESERVE COMPONENT SUPPORT	6	3	6	6
S COMMUNITY & MORALE SUPPORT ACTYS	310	278	293	324
T PRESERVATION OF ORDER	170	165	188	198
U DIRECTORATE OF RESOURCE MANAGEMENT	282	278	290	299
V DIRECTORATE OF PLANS, TNG, & MOBILIZATION	159	129	126	133
W DIRECTOR OF CONTRACTING/CONTRACTING DIV	67	61	64	66
X SECURITY & COUNTERINTELLIGENCE OPNS	7	8	9	10
Y RECORDS MANAGEMENT, PUBLICATIONS	105	116	115	114
SUBTOTALS	2,989	2,919	3,018	3,140

BASE OPERATIONS - FUNCTIONAL

RPMA

(\$ IN MILLIONS)

	<u>FY88</u>	<u>FY89</u>	<u>FY90</u>	<u>FY91</u>
J OPERATION OF UTILITIES	659	669	720	747
K MAINTENANCE & REPAIR OF REAL PROPERTY	1,188	1,424	1,534	1,693
L MINOR CONSTRUCTION	156	174	170	194
M OTHER ENGINEERING SUPPORT	<u>817</u>	<u>829</u>	<u>881</u>	<u>925</u>
TOTAL	2,820	3,096	3,305	3,559

TOTALS MAY NOT ADD DUE TO ROUNDING

**PROGRAM 3 - COMMUNICATIONS
OPERATION AND MAINTENANCE, ARMY
(\$ IN MILLIONS)**

	<u>FY88</u>	<u>FY89</u>	<u>FY90</u>	<u>FY91</u>
BASE INFORMATION MANAGEMENT	383	370	439	458
CENTRALLY MANAGED INFORMATION	339	352	377	425
DEFENSE COMMUNICATIONS SYSTEM SPT	184	212	237	262
STRATEGIC COMMAND AND CONTROL	49	52	55	62
COMMUNICATIONS SECURITY	22	21	24	25
TOTAL PROG 3-COMMUNICATIONS	977	1,067	1,132	1,232

SUMMARY REQUIREMENTS BY SUBACTIVITY
OPERATION AND MAINTENANCE, ARMY
(\$ IN THOUSANDS)

DU	BUDGET ACTIVITY/PROGRAM	FY 1988	FY 1989	FY 1990	FY 1991
	P2 - GENERAL PURPOSE FORCES				
003	CONTINENTAL US - FORCES COMMAND	687,246	794,488	863,983	876,704
	COMBAT DEVELOPMENT ACTIVITIES	338,109	297,020	315,052	315,014
	EUROPE FORCES	1,030,391	1,086,363	1,234,398	1,261,599
	JCS DIRECTED AND COORD EXERCISES	82,477	90,743	96,197	94,698
	OTHER CONTINENTAL US FORCES	479,493	573,297	682,123	741,677
	PACIFIC FORCES	259,498	268,483	300,647	320,282
	SOUTH FORCES	62,579	51,325	51,435	54,260
	TACTICAL EQUIPMENT MAINTENANCE	369,497	397,694	444,864	423,416
	UNIFIED COMMANDS	24,174	24,884	27,092	37,280
	FOREIGN CURRENCY FLUCTUATION	453,848	73,260	0	0
009	BASE INFORMATION MANAGEMENT	72,028	68,967	78,953	80,323
056	BASE OPS - EUROPE (-)	683,426	658,704	675,609	715,845
	BASE OPS - EUROPE (RPMA)	989,030	1,121,878	1,249,527	1,375,886
	BASE OPS - PACIFIC (-)	255,639	251,550	282,029	294,916
	BASE OPS - PACIFIC (RPMA)	233,427	248,584	293,506	312,922
	BASE OPS - US CONT FORCES (-)	775,854	744,910	777,055	800,113
	BASE OPS - US CONT FORCES (RPMA)	645,123	754,266	784,367	825,716
	P2 - TOTAL GENERAL PURPOSE FORCES	7,441,839	7,506,416	8,156,837	8,530,651

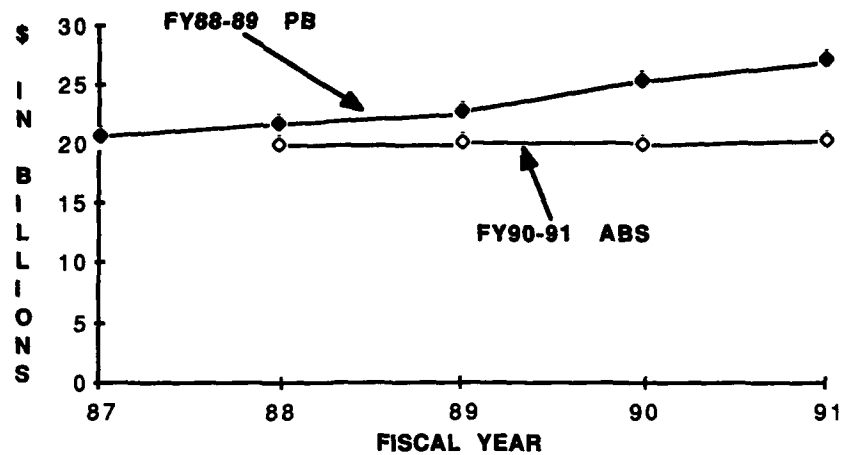
		FY 1988	FY 1989	FY 1990	FY 1991
	P3 - COMMUNICATIONS AND OTHER ACTIVITIES				
009	BASE INFORMATION MANAGEMENT	383,154	369,531	439,062	457,891
	STRATEGIC COMMAND AND CONTROL	48,683	52,078	55,124	62,405
	CENT MANAGED INFORMATION	339,332	352,490	376,729	424,831
	DEFENSE COMMO SYSTEMS SUPPORT	184,476	211,795	237,450	262,051
056	BASE OPS (-)	47,836	51,187	52,961	53,912
	BASE OPS (RPMA)	46,459	37,228	40,762	40,581
350	COMMUNICATIONS SECURITY	21,650	21,142	23,834	24,581
	TOTAL COMMUNICATIONS	1,071,590	1,095,451	1,225,922	1,326,252
	P3 - INTELLIGENCE PROGRAM	301,473	308,205	344,205	368,377
009	SEC AND INVEST AFFAIRS				
330	COMS AND CRYPTO PROGRAM				
331	GENERAL DEFENSE INTEL				
335	FOREIGN COUNTER INTEL				
	P3 - TOTAL INTELLIGENCE, COMMUNICATION AND OTHER ACTIVITIES	1,382,066	1,403,656	1,570,127	1,694,629

	FY 1988	FY 1989	FY 1990	FY 1991	
P7 - CENTRAL SUPPLY AND MAINTENANCE					
009	BASE INFORMATION MANAGEMENT	46,151	41,153	44,837	44,969
021	RESALE COMMISSARIES	258,345	262,515	278,978	288,837
	LOGISTICS SUPPORT ACTIVITIES	646,834	577,953	600,261	639,084
	TRANSPORTATION MGMT AND O/S PORTS	74,150	79,178	78,286	81,391
	INDUSTRIAL PREPAREDNESS	93,943	86,822	114,277	120,401
	TRANSPORTATION	613,728	663,650	756,416	810,972
024	SUPPLY ACTIVITIES	1,232,720	1,201,831	1,273,214	1,343,989
	MAINTENANCE SUPPORT ACTIVITIES	607,074	596,749	683,997	702,552
017	OTHER DEPOT MAINTENANCE	1,313,957	1,709,248	1,722,369	1,902,560
	MODERNIZATION	100,572	116,226	143,662	157,454
408	INDUSTRIAL AND STOCK FUND SUPPORT	13,000	144,600	99,287	0
056	BASE OPS (-)	284,715	293,129	306,351	322,394
	BASE OPS (RPMA)	295,194	332,081	319,680	337,872
	ENVIRONMENTAL RESTORATION	179,160	228,592	0	0
	P7 - TOTAL CENTRAL SUPPLY & MAINTENANCE	5,759,543	6,333,727	6,421,615	6,752,475

	FY 1988	FY 1989	FY 1990	FY 1991	
P8 - TRAINING, MEDICAL AND OTHER GENERAL PERS ACTIV					
TRAINING					
009	BASE INFORMATION MANAGEMENT	23,014	23,938	26,698	27,468
029	OFFICER ACQUISITION	34,030	33,386	35,477	38,168
	FLIGHT TRAINING	158,800	171,947	180,325	189,848
	ONE STATION UNIT TRAINING	19,656	17,632	17,900	18,053
	PROFESSIONAL DEVELOPMENT	54,063	58,354	86,974	93,766
	RECRUIT TRAINING	9,013	8,462	8,793	8,495
	SEN RESERVE OFFICER TRAINING CORPS	92,770	71,302	104,471	107,309
	SPECIALIZED TRAINING	239,157	231,030	237,410	240,376
	TRAINING SUPPORT	485,500	518,542	503,338	518,872
056	BASE OPS (-)	674,348	684,181	695,301	714,988
	BASE OPS (RPMA)	510,983	538,540	555,881	595,270
	TOTAL TRAINING	2,301,334	2,357,314	2,452,568	2,552,613
MEDICAL					
009	BASE INFORMATION MANAGEMENT	2,921	3,790	3,910	3,944
041	AUDIO VISUAL SUPPORT	5,848	6,216	7,276	7,473
	CARE IN NON-DEF FACILITIES	945,796	974,662	937,779	1,010,176
	DENTAL CARE	67,949	85,063	85,677	87,812
	EDUCATION AND TRAINING	62,575	67,637	67,771	71,798
	COMMAND HEALTH CARE	12,852	10,442	11,013	11,329
	CARE IN REG DEF FACILITIES	335,216	375,200	423,031	450,141
	STATION HOSPITAL AND MED CLINICS	533,416	580,028	689,157	725,963
	RECRUITING AND EXAMINING	23,862	40,067	31,284	32,098
	OTHER MEDICAL ACT	276,346	305,957	311,681	324,752
056	BASE OPS (-)	34,326	31,430	33,333	34,766
	BASE OPS (RPMA)	66,577	59,496	61,516	71,259
	TOTAL MEDICAL	2,367,684	2,539,988	2,663,428	2,831,511

		FY 1988	FY 1989	FY 1990	FY 1991
OTHER GENERAL PURPOSE ACTIVITIES					
033	RECRUITING AND EXAMINING ACT	278,588	290,882	305,354	309,577
037	ARMY CONTINUING EDUCATION	98,516	105,223	107,323	112,581
	CIVILIAN EDUCATION AND TRAINING	100,686	108,221	109,401	116,275
	ARMED FORCES RADIO AND TELEVISION SVC	18,856	20,496	16,457	17,368
	JR RES OFFICER TRAINING	28,935	29,738	29,685	30,583
	OTHER PERSONNEL ACTIVITIES	35,280	57,310	64,714	66,147
	VET ED ASSIST PROGRAM	141,940	103,225	140,758	126,271
056	BASE OPS (-)	105,978	111,840	115,936	124,003
	TOTAL OTHER GENERAL PURPOSE ACTV	808,779	826,935	889,625	902,805
	P8 - TOTAL TRAINING, MEDICAL AND OTHER GENERAL PURPOSE ACTV	5,477,797	5,724,237	6,005,623	6,286,929
FY 1988 FY 1989 FY 1990 FY 1991					
P9 - ADMINISTRATION AND ASSOC ACTVY					
009	BASE INFORMATION MANAGEMENT	10,041	11,397	11,491	11,588
044	CRIME INVESTIGATION ACT	26,976	26,529	29,050	30,404
	DEPARTMENT HEADQUARTERS	136,371	147,258	140,962	141,882
	PUBLIC AFFAIRS	9,523	9,876	10,358	10,594
	SERVICE-WIDE SUPPORT	656,231	756,975	814,560	845,550
056	BASE OPS (-)	39,170	0	0	0
	BASE OPS (RPMA)	29,438	0	0	0
	LEASES	83,266	87,942	80,477	82,461
	P9 TOTAL ADMINISTRATIVE AND ASSOCIATED ACTIVITIES	991,016	1,039,977	1,086,898	1,122,479
FY 1988 FY 1989 FY 1990 FY 1991					
P10 - SUPPORT TO OTHER NATIONS					
052	INTERNATIONAL MILITARY HEADQUARTERS	226,983	234,267	242,511	250,201
	MISC SUPPORT OF OTHER NATIONS	13,134	16,918	15,244	16,724
	TOTAL P10 - SUPPORT OF OTHER NATIONS	240,117	251,185	257,755	266,925
P11 - SPECIAL OPERATIONS FORCES					
010	SPECIAL OPERATIONS	189,633	197,140	209,844	222,812
	TOTAL P11 - SPECIAL OPERATIONS FORCES	189,633	197,140	209,844	222,812
	GRAND TOTAL, DIRECT PROGRAM OPERATION AND MAINTENANCE, ARMY	21,482,011	22,463,388	23,708,600	24,876,900

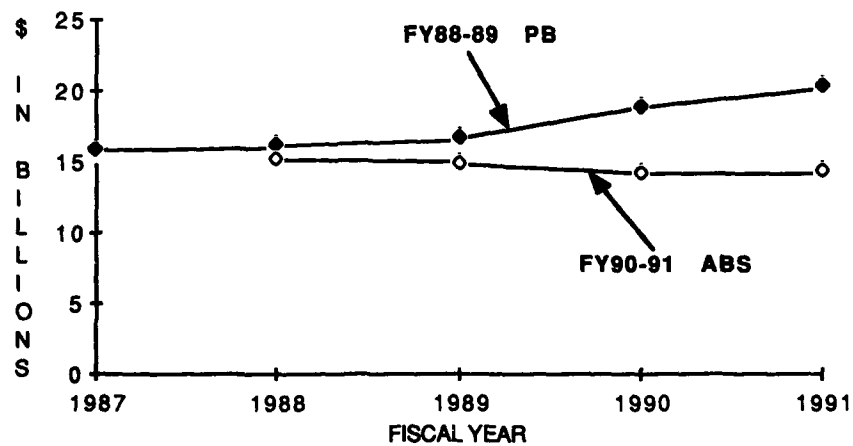
TOTAL RDA FUNDING



PB	FY88-89	20.6 *	21.7	22.6	25.3	27.0
ABS	FY90-91		19.9 *	20.0 **	19.9	20.3

*ACTUAL **APPROPRIATED

PROCUREMENT APPROPRIATIONS



PB	FY88-89	15.9 *	16.2	16.6	18.9	20.4
ABS	FY90-91		15.2 *	14.9 **	14.2	14.3

*ACTUAL **APPROPRIATED

PROCUREMENT

\$ IN MILLIONS

APPROPRIATION	FISCAL YEAR			
	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>
AIRCRAFT	\$2,663	\$2,872	\$2,906	\$3,038
MISSILES	2,268	2,592	2,662	3,004
WEAPONS AND TRACKED COMBAT VEHICLES	3,109	2,820	2,724	2,782
AMMUNITION	2,274	2,005	1,705	1,574
OTHER PROCUREMENT	4,846	* 4,660	4,169	3,926
TOTAL	\$15,160	\$14,949	\$14,166	\$14,324

NATIONAL GUARD EQUIP (ARMY APPROPRIATION FY89)**

	<u>QTY</u>	<u>\$M</u>
AH-64 (APACHE)	18	214

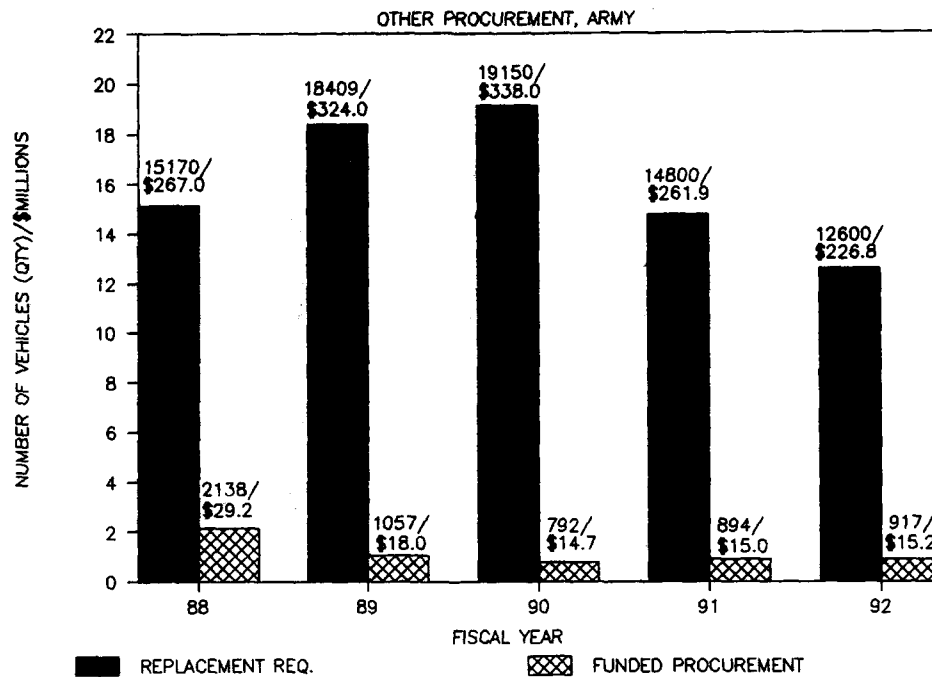
	<u>1988</u>	<u>1989</u>
SPECIAL DOD		
APPROPRIATIONS***	358	245
(NATIONAL GUARD EQUIP)	(273)	(215)
(ARMY RESERVE EQUIP)	(85)	(30)

*Includes SOF \$108M FY88/89, 1 yr appropriation

**Specific Directed Funds Out Of Army Appropriation To
Purchase Equipment For The Army National Guard

***FY88 AND FY89 Special DOD Appropriations Dedicated
By Congress

NON TACTICAL VEHICLE (NTV) FLEET



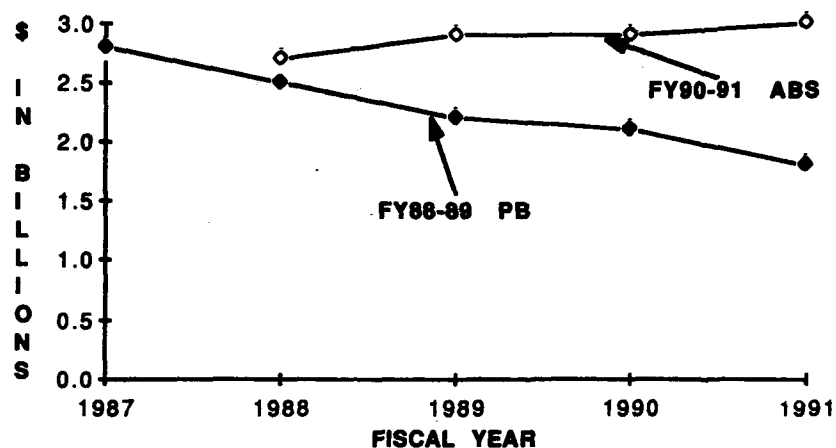
NON-TACTICAL VEHICLE (NTV) FLEET

OTHER PROCUREMENT, ARMY

THE NTV FLEET IS MADE UP OF 82,600 STANDARD DESIGNED VEHICLES AUTHORIZED TO SUPPORT TRAINING, SECURITY, LAW ENFORCEMENT, AND OTHER INSTALLATION FUNCTIONS. 20,000 NTVs ARE PRESENTLY LEASED FROM GSA USING OMA FUNDS RESULTING IN AN OPA PROCUREMENT REQUIREMENT OF 62,600 NTVs. AGAINST THIS PROCUREMENT REQUIREMENT, THE ARMY HAS 54,000 NTVs ON HAND, 33% OF WHICH ARE CURRENTLY RETIREMENT ELIGIBLE. THE ARMY HAS REDUCED ITS PROCUREMENT REQUIREMENT AS A RESULT OF THE GSA (OMA FUNDED) CONVERSION PROGRAM. THE UNFUNDED REQUIREMENTS ABOVE REPRESENT THE UPCOMING PROCUREMENT NEEDS IN ADDITION TO PLANNED CONVERSION.



AIRCRAFT APPROPRIATION



PB	FY88-89	2.8*	2.5	2.2	2.1	1.8
ABS	FY90-91		2.7*	2.9**	2.9	3.0

*ACTUAL

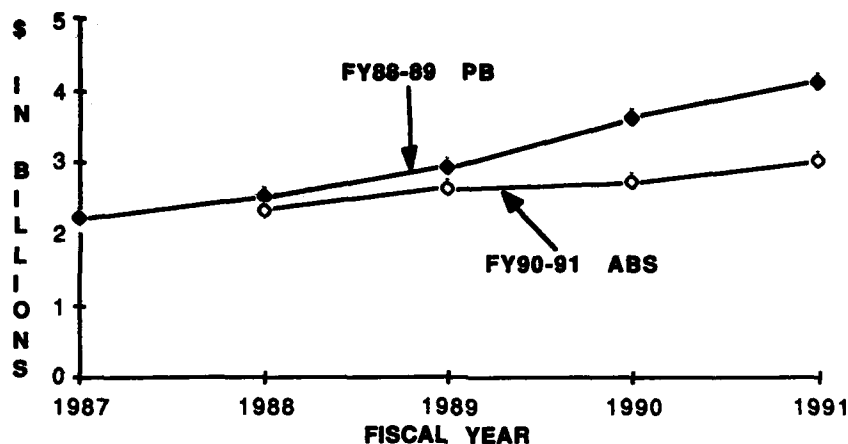
**APPROPRIATED

PROCUREMENT BUDGET SUMMARY DATA (\$ IN MILLIONS)

	ACTUAL FY89		ESTIMATE FY90		ESTIMATE FY91	
	QTY	AMT	QTY	AMT	QTY	AMT
AIRCRAFT PROCUREMENT, ARMY						
AIRCRAFT						
RC-12H/K RECON AIRPLANE	6	67.4	5	52.7	10	106.7
AH-64 ATTACK HELICOPTER (APACHE)	72	932.1	66	788.6	66	785.8
UH-60 HELICOPTER (BLACKHAWK) (MYP)	72	430.7	61	354.6	61	380.6
MH-60K (SOF AIRCRAFT)			11	71.3	11	68.5
MODIFICATIONS						
CH-47 CARGO HELICOPTER (MYP)		246.3		304.5		243.8
ARMY HELICOPTER IMPROVEMENT PROGRAM (AHIP)		202.6		0		0.0
OV-1 SURVEILLANCE AIRPLANE		10.5		17.1		36.9
RC-120		31.9		43.1		34.3
AH-64		6.3		38.1		77.1
OH-58		17.4		28.2		26.1
UH-60		23.4		40.9		69.0
SOF AIRCRAFT		120.5		339.9		317.0
SPARES AND REPAIR PARTS		552.2		553.4		538.3
SUPPORT EQUIPMENT AND FACILITIES						
AIRCRAFT SURVIVABILITY EQUIPMENT		65.8		98.8		109.2
AVIONICS SUPPORT EQUIPMENT		24.2		30.8		32.1
COMMON GROUND EQUIPMENT		32.3		46.3		75.8
INDUSTRIAL FACILITIES		21.0		23.0		26.5
OTHER		87.2		74.8		110.5
TOTAL		2871.8		2906.1		3038.2



MISSILES APPROPRIATION



PB	FY88-89	2.2*	2.5	2.9	3.6	4.1
ABS	FY90-91		2.3*	2.6**	2.7	3.0

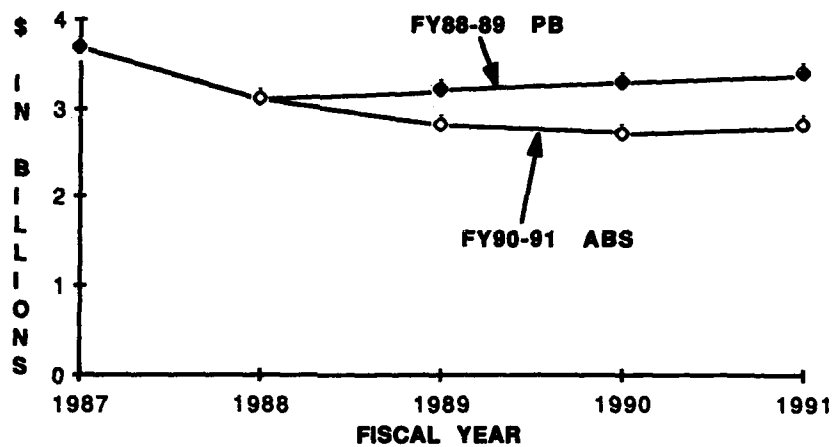
*ACTUAL

**APPROPRIATED

PROCUREMENT BUDGET SUMMARY DATA (\$ IN MILLIONS)

	ACTUAL FY89		ESTIMATE FY90		ESTIMATE FY91	
	QTY	AMT	QTY	AMT	QTY	AMT
MISSILE PROCUREMENT, ARMY MISSILES						
CHAPARRAL	139	56.7	422	30.8	454	25.7
NLOS MISSILE				32.5	256	131.2
AIR DEFENSE HEAVY	60	108.5	190	270.6	263	268.9
HAWK MISSILE SYSTEM			358	55.4	358	48.5
PATRIOT (MYP)	815	815.0	815	924.5	817	859.9
STINGER (MYP)	6750	241.3	2375	117.5	7203	258.8
LOS-R FIRE UNIT	100	91.8	122	115.8	132	135.8
HELLFIRE	6000	204.7	3102	138.2	3002	137.9
TOW 2	12000	143.1	9455	114.7	13284	168.7
MLRS (MYP)	48000	420.7	24000	374.8	24000	376.1
ATACMS	66	70.7	152	94.9	452	200.0
MODIFICATIONS						
PATRIOT		40.2		19.4		18.4
CHAPARRAL		8.1				
HAWK		27.6		28.8		32.8
TOW		33.8		28.0		54.3
DRAGON		17.3				
LANCE		15.4				
PERSHING		1.0				
MLRS		32.9		28.6		27.3
OTHER MODS		1.3		2.6		7.8
SPARES AND REPAIR PARTS		224.4		247.5		177.8
SUPPORT EQUIPMENT AND FACILITIES						
AIR DEFENSE TARGETS		21.9		23.3		23.1
PRODUCTION BASE SUPPORT		9.0		10.6		6.9
OTHER		6.6		3.1		43.9
TOTAL		2592.0		2661.6		3003.8

WTCV APPROPRIATION



PB	FY88-89	3.7*	3.2	3.2	3.3	3.4
ABS	FY90-91		3.1*	2.8**	2.7	2.8

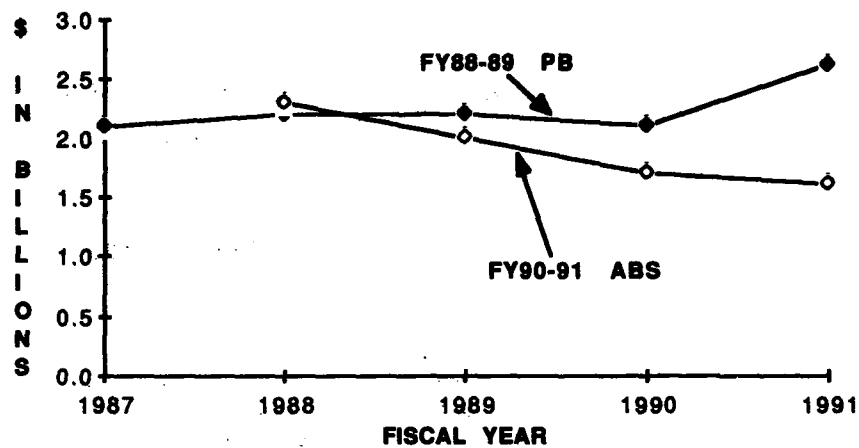
*ACTUAL

**APPROPRIATED

PROCUREMENT BUDGET SUMMARY DATA (\$ IN MILLIONS)

WEAPONS AND TRACKED COMBAT VEHICLES PROCUREMENT, ARMY	ACTUAL FY88		ESTIMATE FY90		ESTIMATE FY91	
	QTY	AMT	QTY	AMT	QTY	AMT
TRACKED COMBAT VEHICLES						
BRADLEY FIGHTING VEHICLES (MYP)	581	674.1	600	635.0	600	681.3
BRADLEY FVS TRAINING DEVICES				12.3		
RECOVERY VEHICLE SERIES (MYP)	61	100.7				
M1 ABRAMS TANK SERIES (MYP)	555	1372.9	448	1278.7	261	1179.6
M1 ABRAMS TRAINING DEVICES				12.9		14.5
WEAPONS AND OTHER COMBAT VEHICLES						
HOWITZER, LT TOWED, 105mm, M119	88	30.5	75	24.6	79	25.7
MACHINE GUN, 7.62mm, M60			580	3.0	597	3.0
SOF WEAPONS				1.9		1.9
MACHINE GUN, 5.56mm, (SAW)	5175	11.0	5932	8.7	5930	9.1
GRENADE LCH, AUTO 40mm, MK 19-3	800	12.0	1476	19.7	1418	19.9
LAUNCHER, SMOKE GRENADE	2435	1.6	2627	1.6	2656	1.7
MORTAR, 120mm	49	5.0	167	10.9	188	11.9
M16 RIFLE	49800	22.3	32800	14.2	32675	14.3
SNIPER WEAPON SYSTEM	500	2.2	1010	3.8		
PERSONAL DEFENSE WEAPON, 9mm	33078	7.0	34696	7.5	35101	7.8
VEH RAP FIRE WPN-BUSHMASTER (MYP)	853	29.9	560	18.7	480	22.6
MODIFICATIONS						
BRADLEY FVS TRAINING DEVICES, MOD		1.0				
CARRIER, MOD		32.7				
BFVS SERIES MOD		45.0		84.1		109.3
HOWITZER, MED SP FT 155mm M109 MOD		25.5		75.5		179.6
M1 ABRAMS TANK MOD				42.3		52.0
M16A1 MODS		1.8		4.0		4.4
MODS LESS THAN \$2.0M		4.5		0.5		0.5
SPARES AND SUPPORT EQUIPMENT						
SPARES AND REPAIR PARTS		365.9		331		350.3
PRODUCTION BASE SUPPORT		38.0		69.6		79.0
OTHER		36.8		63.5		13.2
TOTAL		2820.4		2724.0		2781.6

AMMO APPROPRIATION



PB	FY88-89	2.1*	2.2	2.2	2.1	2.6
ABS	FY90-91		2.3*	2.0**	1.7	1.6

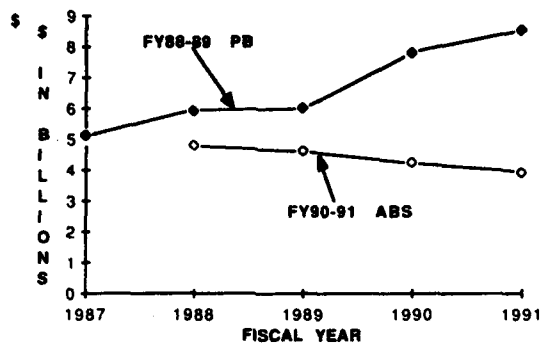
*ACTUAL **APPROPRIATED

PROCUREMENT BUDGET SUMMARY DATA (\$ IN MILLIONS)

	ACTUAL FY 89	ESTIMATE FY 90	ESTIMATE FY91
AMMUNITION PROCUREMENT, ARMY			
SPECIAL AMMUNITION	127.2	88.1	101.7
SMALL/MEDIUM CAL AMMUNITION	215.5	158.9	201.0
MORTAR AMMUNITION	75.7	34.0	69.3
TANK AMMUNITION	342.2	334.1	407.0
ARTILLERY AMMUNITION	525.9	423.8	196.0
ARTILLERY FUZES	39.1	68.5	70.1
MINES	138.8	138.4	81.6
ROCKETS	135.8	144.3	95.8
OTHER AMMO & MISCELLANEOUS	133.6	140.3	132.1
PRODUCTION BASE SUPPORT	271.4	174.3	219.7
TOTAL	2005.2	1704.8	1574.0



OPA APPROPRIATION



PB	FY88-89	5.1*	5.9	6.0	7.8	8.5
ABS	FY90-91		4.8*	4.7**	4.2	3.9

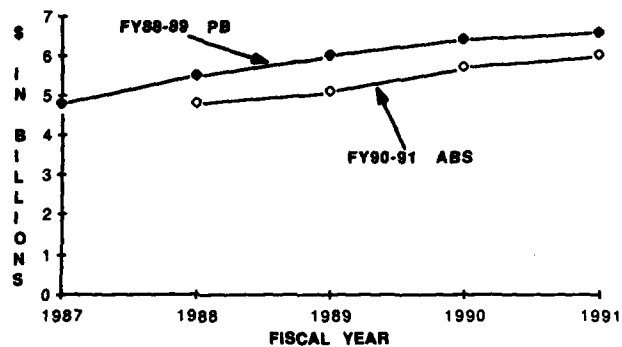
*ACTUAL

**APPROPRIATION

PROCUREMENT BUDGET SUMMARY DATA (\$ IN MILLIONS)

	ACTUAL FY88		ESTIMATE FY90		ESTIMATE FY91	
	QTY	AMT	QTY	AMT	QTY	AMT
OTHER PROCUREMENT, ARMY						
TACTICAL AND SUPPORT VEHICLES						
HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV) (MYP)	5575	157.8	8517	222.5	9484	252.6
TRUCK, 10 TON, 6X8, ABT	1565	238.4	46	7.5	23	3.5
FAMILY OF MEDIUM TACTICAL VEHICLES					786	78.0
FAMILY OF HEAVY TACTICAL VEHICLES			112	43.3	789	236.5
PASSENGER CARRYING VEHICLES	185	2.2	168	2.0	175	2.3
GENERAL PURPOSE VEHICLES		1.3		5.0		6.0
SPECIAL PURPOSE VEHICLES		13.8		7.7		6.7
OTHER TACTICAL VEHICLES AND PROGRAMS		395.1		158.3		242.9
COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
JOINT TACTICAL COMMUNICATIONS		135.3		22.1		24.9
TRI-TAC		(112.4)		(22.1)		(24.9)
COMBAT SUPPORT COMMUNICATIONS		1370.5		1380.6		422.3
MOBILE SUBSCRIBER EQUIP (MSE)		(991.1)		(984.7)		(68.6)
SINGARS		(236.8)		(290.7)		(264.5)
SATCOM GROUND ENVIRONMENT		100.1		80.1		119.7
COMMUNICATIONS SECURITY (COMSEC) EQUIP		64.2		36.4		34.7
AUTOMATIC DATA PROCESSING EQUIP		282.7		288.2		565.1
ADDS		(74.1)		(48.8)		(223.3)
INTELLIGENCE SUPPORT EQUIP		135.8		119.4		92.0
TACTICAL ELECT		270.5		189.8		189.3
NIGHT VISION GOGGLES		(137.5)		(45.3)		(45.5)
OTHER COMMUNICATIONS & ELECT PGMS		627.1		638.2		642.4
OTHER SUPPORT EQUIPMENT						
CHEMICAL DEFENSIVE EQUIP		14.3		117.9		163.6
(NBC RECONNAISSANCE VEH)			(14)	(26.0)	(28)	(38.9)
BRIDGING EQUIP		0.7		4.7		33.2
ENGINEER EQUIP (NON-CONSTRUCTION)		83.6		72.7		86.4
(MB ARMORED CBT EARTHMOVER) (ACE)	(132)	(62.0)	(132)	(61.8)	(132)	(63.2)
COMBAT SERVICE SUPPORT EQUIP		57.5		20.4		33.8
PETROLEUM EQUIP		50.2		51.4		78.1
WATER EQUIP		17.1		18.4		25.0
MEDICAL EQUIP		182.2		125.9		127.7
MAINTENANCE EQUIP		6.1		11.9		9.7
CONSTRUCTION EQUIP		44.1		5.1		21.7
RAIL FLOAT CONTAINERIZATION EQUIP		63.4		1.8		7.7
GENERATORS		29.8		41.9		52.4
MATERIEL HANDLING EQUIP		28.9		36.4		47.9
NON-SYSTEMS TRAINING DEVICES		103.8		140.3		87.0
SMALL/CLOSE COMBAT TACTICAL TRAINER		15.0		13.5		23.8
AREA ORIENTED DEPOT UPGRADE		4.0		30.5		30.5
OTHER SUPPORT EQUIP		184.7		295.2		178.4
TOTAL		4680.0		4189.1		3625.6

RDTE APPROPRIATION



PB	FY88-89	4.6*	5.5	6.0	6.4	6.6
ABS	FY90-91		4.7*	5.1**	5.7	6.0

*ACTUAL

**APPROPRIATED

RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY TOTALS BY BUDGET ACTIVITY (\$ IN MILLIONS)

	FISCAL YEARS			
	1988	1989	1990	1991
TECHNOLOGY BASE	721	733	787	802
ADVANCED TECHNOLOGY DEVELOPMENT	355	442	499	509
STRATEGIC PROGRAMS	118	70	79	56
TACTICAL PROGRAMS	2,250	2,703	2,974	3,254
INTELLIGENCE & COMMUNICATIONS	105	52	102	105
DEFENSEWIDE MISSION SUPPORT	1,127	1,117	1,252	1,301
TOTAL	4,676	5,117	5,694	6,028

RDTE PROGRAM CATEGORIES (\$ IN MILLIONS)

	FISCAL YEARS			
	1988	1989	1990	1991
BASIC RESEARCH (6.1)	168	173	207	214
EXPLORATORY DEVELOPMENT (6.2)	553	561	580	588
ADVANCED DEVELOPMENT (6.3)	1,090	1,118	1,208	1,140
ENGINEERING DEVELOPMENT (6.4)	1,067	1,521	1,779	2,170
MANAGEMENT AND SUPPORT (6.5) (TESTING & RANGE OPERATIONS)	1,112	1,103	1,223	1,271
OPERATIONAL SYSTEMS DEVELOPMENT (6.7)(PIPS)	686	941	696	644
TOTAL	4,676	5,117	5,694	6,028

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY*

(\$ IN MILLIONS)

	ACTUAL FY89	ESTIMATE FY90	ESTIMATE FY91
TECHNOLOGY BASE			
BASIC RESEARCH	172.7	206.8	213.7
EXPLORATORY DEVELOPMENT	580.8	580.5	588.4
SUBTOTAL	(733.5)	(787.3)	(802.1)
ADVANCED TECHNOLOGY DEVELOPMENT			
LOGISTICS AD TECHNOLOGY	9.8	10.5	10.0
MEDICAL ADV TECHNOLOGY	34.3	34.7	37.2
AVIATION ADV TECHNOLOGY	36.2	32.0	34.2
WEAPONS & MUNITIONS ADV DEV	76.5	48.8	33.2
CBT VEH & AUTO ADV TECHNOLOGY	58.8	158.0	172.7
HUMAN/FACT/PERS/TRNG ADV TECH	29.4	18.9	19.7
MSL & ROCKET COMPONENTS	13.5	10.7	8.8
DIRECTED ENERGY	7.7	46.1	56.4
NIGHT VISION ADV DEVELOPMENT	23.6	21.8	23.3
OTHER	152.2	117.7	113.4
SUBTOTAL	(442.0)	(499.2)	(508.9)
STRATEGIC PROGRAMS	(69.8)	(78.7)	(56.1)
TACTICAL PROGRAMS			
FAAD SYSTEMS	96.9	40.2	0.0
WEAPONS & MUNITIONS ADV DEV	22.2	46.1	45.6
AIRCRAFT PROPULSION SYSTEM	55.5	51.7	53.0
LIGHT ARMED SCOUT HELO	124.0	240.9	406.3
EW DEVELOPMENT	65.7	55.3	47.6
AIR DEFENSE C2I-ENG DEV	92.4	62.9	75.7
FOG-M - ENGR DEVELOPMENT	96.5	139.3	98.3
SADARM - ENGR DEVELOPMENT	145.6	155.0	128.7
JSTARS	22.8	39.6	51.0
ADV ANTI-TANK WPN SYSTEM-ED	110.0	158.7	116.8
ADV FIELD ART TACT DATA SYS	15.6	37.5	39.3
CBT VEH IMPROVEMENT PROGRAM	96.5	73.2	59.4
AIRCRAFT MODIFICATIONS/PIPS	90.2	81.3	61.0
FORCE ENHANCEMENTS-ACTIVE	118.4	58.5	44.8
MISSILE/AIR DEFENSE PIP	39.0	49.9	53.0
TACIT RAINBOW	0.0	57.7	72.7
OTHER MISSILE PIP	40.0	80.6	62.4
CLASSIFIED PROGRAMS	313.6	269.2	383.3
OTHER	1157.8	1276.9	1455.4
SUBTOTAL	(2702.7)	(2974.5)	(3254.3)
INTELLIGENCE AND COMMUNICATIONS			
SATCOM GROUND ENVIRONMENT	26.5	55.5	59.1
COMMUNICATIONS SECURITY	5.1	7.0	7.0
TERRAIN INFORMATION-ENG DEV	6.5	12.9	11.6
OTHER	14.0	26.8	27.5
SUBTOTAL	(52.1)	(102.2)	(105.2)
DEFENSE MISSION SUPPORT			
KWAJELEIN MISSILE RANGE	155.3	157.7	164.7
ARMY TEST RANGES & FAC	191.0	226.9	235.3
ARMY TECH TEST INST & TARGETS	59.8	66.9	89.6
SUPPORT OF OPER TESTING	51.2	70.9	75.1
PROGRAMWIDE ACTIVITIES	82.8	89.4	91.5
REAL PROP MAINT ACT-RDT&E	161.0	175.3	178.4
BASE OPERATIONS-RDT&E	183.4	198.7	203.0
INDUSTRIAL PREPAREDNESS	19.7	34.5	36.1
OTHER	213.2	231.3	227.4
SUBTOTAL	(1117.4)	(1251.6)	(1301.1)
TOTAL	5117.5	5693.5	6027.7

* SELECTED ITEMS BY ROTE BUDGET ACTIVITY

MILITARY CONSTRUCTION, ARMY (MCA)

(\$ IN MILLIONS)

<u>FACILITY CATEGORY</u>	<u>FISCAL YEARS</u>		
	<u>1989</u>	<u>1990</u>	<u>1991</u>
OPERATION AND TRAINING	382	157	167
MAINTENANCE AND PRODUCTION	313	169	351
R&D	39	43	31
SUPPLY AND ADMINISTRATION	63	134	90
HOSPITAL AND MEDICAL	0	0	0
TROOP HOUSING/COMMUNITY SUPPORT	107	103	151
UTILITIES/LAND IMPROVEMENT	79	54	78
REAL ESTATE	7	0	19
UNSPEC MINOR CONST/PLANNING DESIGN	111	85	108
FOREIGN CURRENCY FLUCTUATION	43	0	0
TOTAL	1,144	745	995

<u>MCA PROGRAM, BY AREA</u>	<u>FISCAL YEARS</u>		
	<u>1989</u>	<u>1990</u>	<u>1991</u>
UNITED STATES	701	465	614
CENTRAL AMERICA	3	7	2
EUROPE	207	124	167
PACIFIC	62	57	87
OVERSEAS, UNSPECIFIED	16	7	11
PLANNING & DESIGN	155	85	114
TOTAL	1,144	745	995
FOREIGN AREAS PERCENTAGE	25.2%	26.2%	26.8%
(EUROPEAN PERCENTAGE)	(18.1%)	(16.6%)	(16.8%)

ARMY FAMILY HOUSING

(\$ IN MILLIONS)

	FISCAL YEARS		
	1989	1990	1991
NEW CONSTRUCTION	\$114	\$17	\$15
NUMBER OF UNITS	(1,121)	(150)	(127)
IMPROVEMENT	\$72	\$36	\$40
PLANNING AND DESIGN	\$11	\$2	\$3
SUBTOTAL AFH CONSTRUCTION	\$197	\$55	\$58
LEASING	\$228	\$319	\$454
DOMESTIC	(\$52)	(\$59)	(\$83)
UNITS AUTHORIZED: ¹			
(SECTION 801)	(7,500)	(7,500)	(7,500)
(SECTION 802)	(1,800)	(1,800)	(1,800)
(OTHER)	(3,334)	(3,334)	(3,334)
FOREIGN	(\$176)	(\$260)	(\$371)
UNITS AUTHORIZED: ¹			
(EUROPE)	(23,388)	(38,792)	(38,792)
(OTHER)	(2,693)	(2,708)	(2,708)
OPERATION AND MAINTENANCE	\$1,103	\$1,064	\$1,105
SUBTOTAL AFH O&M	\$1,331	\$1,383	\$1,559
TOTAL AFH	\$1,528	\$1,438	\$1,617
YEAR END DEFERRED M&R (DMAR)	(\$692)	(\$928)	(\$1,145)

1) LEASING AUTHORIZATIONS ARE SHOWN CUMULATIVELY.

ARMY FAMILY HOUSING, CONSTRUCTION

FY 1989	UNITS	\$ (M)
FORT BLISS, TEXAS	108	9.1
HELEMANO, HAWAII	100	11.4
FORT LEAVENWORTH, KANSAS	272	20.0
SCHOFIELD BARRACKS, HAWAII	40	4.4
FORT DRUM, NEW YORK	100	10.0
FORT IRWIN, CALIFORNIA	263	24.0
FORT WAINWRIGHT, ALASKA	150	27.0
HOHENFELS, GERMANY	88	8.4
VARIOUS LOCATIONS, GERMANY (ATTIC CONVERSIONS)	34	0.0 *

* ATTIC CONVERSIONS REQUESTED UNDER IMPROVEMENTS:
TOTAL PROJECT SCOPE: 48 UNITS (34 NEW AND 14 UPGRADES).

FY 1990	UNITS	\$ (M)
HELEMANO, HAWAII	90	10.3
HICKHAM AFB, HAWAII	20	2.5
KANEOHE MCAS, HAWAII	40	4.7

FY 1991	UNITS	\$ (M)
OAHU, HAWAII	126	15.0
VERONA, ITALY	1	.3

RESERVE COMPONENTS

ARMY NATIONAL GUARD

FY 89/91 HIGHLIGHTS	<u>FY 89</u>	<u>FY 90</u>	<u>FY 91</u>
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FORCE STRUCTURE:

DIVISIONS	10	10	10
SEPARATE BRIGADES	15	14	14
ROUNDOUT BRIGADES	5	6	6

MANNING:

MILITARY END STRENGTH	457,300	458,000	458,500
FULL TIME SUPPORT:			
CIV TECHS	28,120	28,457	28,607
AGR	25,914	26,164	26,514

TRAINING:

TRAINING	\$280.5M	\$309.1M	\$328.7M
NTC ROTATIONS (BNs)	2	3	4
TRAINING AIDS	\$7.8M	\$6.9M	\$7.4M

EQUIPPING:

	FY 89	FY 90	FY 91
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ORG CLOTH & EQUIP (OCE)	\$150.0M	\$154.3M	\$140.9M
OCE BACKLOG	\$270.1M	\$275.4M	\$287.1M

SUSTAINING:

REPAIR PARTS BACKLOG	\$81.0M	\$129.2M	\$163.0M
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FACILITIES:

BMAR (OMNG)	\$28.5M	\$29.3M	\$30.2M
CONSTRUCTION	\$229.2M	\$114.0M	\$119.5M

**ARMY NATIONAL GUARD
(\$ IN MILLIONS)**

<u>APPROPRIATIONS</u>	<u>FISCAL YEARS</u>		
	<u>1989</u>	<u>1990</u>	<u>1991</u>
NATIONAL GUARD PERSONNEL	3,299	3,247	3,385
OPERATION & MAINTENANCE	1,850	1,870	1,896
MILITARY CONSTRUCTION	<u>229</u>	<u>114</u>	<u>120</u>
TOTAL	5,378	5,231	5,401
RETIREd PAY ACCRUAL	<u>600</u>	<u>425</u>	<u>460</u>
TOTAL less Retired Pay Acc	4,778	4,806	4,941

**OPERATION AND MAINTENANCE
ARMY NATIONAL GUARD
(TOA \$ IN MILLIONS)**

FISCAL YEARS

	<u>FY 89</u>	<u>FY 90</u>	<u>FY 91</u>
TRAINING	189	190	196
LOGISTICAL SUPPORT	1167	1204	1236
BASE OPERATIONS	212	195	196
DEPOT MAINTENANCE	60	64	53
MANAGEMENT SUPPORT	149	144	141
RECRUITING SUPPORT	43	42	43
MEDICAL SUPPORT	17	17	18
SPECIAL OPERATIONS FORCES	12	13	12
PCIP	1	1	1
TOTAL	1850	1870	1896

**MILITARY CONSTRUCTION
ARMY NATIONAL GUARD
(TOA \$ IN MILLIONS)**

	<u>1989</u>	<u>1990</u>	<u>1991</u>
MAJOR CONSTRUCTION	207	102	108
MINOR CONSTRUCTION	8	7	8
PLANNING AND DESIGN	14	5	4
TOTAL	229	114	120

ARMY RESERVE **(\$ IN MILLIONS)**

APPROPRIATIONS	FISCAL YEARS		
	1989	1990	1991
RESERVE PERSONNEL, ARMY	2,212	2,243	2,354
OPERATION AND MAINTENANCE	835	862	903
MILITARY CONSTRUCTION	68	77	82
TOTAL	3,133	3,182	3,319
RETIRED PAY ACCRUAL	378	287	279
TOTAL LESS RETIRED PAY ACCRUAL	2,755	2,895	3,040

OPERATION AND MAINTENANCE, **ARMY RESERVE**

(TOA \$ IN MILLIONS)

	FISCAL YEARS		
	1989	1990	1991
TRAINING AND ORGANIZATION OF MISSION FORCES	473	508	542
SPECIAL OPERATION FORCES	18	18	18
DEPOT MAINTENANCE	8	9	9
BASE COMMUNICATIONS	20	20	21
BASE OPERATIONS	164	143	143
RECRUITING AND ADVERTISING	48	56	57
MANAGEMENT SUPPORT	106	107	112
TOTAL	835	862	903

MILITARY CONSTRUCTION, **ARMY RESERVE**

(\$ IN MILLIONS)

	FISCAL YEARS		
	89	90	91
MAJOR CONSTRUCTION	73	70	66
MINOR CONSTRUCTION	2	2	2
PLANNING AND DESIGN	11	5	5
TOTAL	86	77	82

SPECIAL INTEREST ITEMS

CHEMICAL WARFARE/NUCLEAR, BIOLOGICAL & CHEMICAL DEFENSE PROGRAM - FY90/91

DEFENSIVE (85.7%)

RDTE (NBC EQUIP)	183.2
RDTE (MEDICAL)	121.6
ASF WAR RESERVE	0.0
O&M	70.9
O&M (DEF EQUIP)	46.5
PROCUREMENT	142.7
MCA	2.4
	<u>547.2</u>

DEVELOPS NEW TECHNOLOGY
AND MATERIEL FOR DETECTION,
PROTECTION, DECON, SMOKE,
TREATMENT & ANTIDOTES

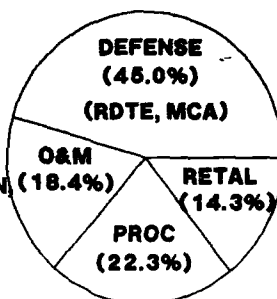
PROVIDES NEW MASK, DECON
DETECTION AND COLLECTIVE
PROTECTION; PROTECTIVE
CLOTHING & EQUIPMENT TO
SUPPORT TRAINING

IMPROVES DPG FACILITIES

FY90 (\$M)

RETALIATORY CAPABILITY (14.3%)

RDTE (TECH BASE)	5.6
RDTE (BINARY)	38.8
PROCUREMENT (BINARY)	47.0
	<u>91.4</u>



DEVELOPS NEW TECHNOLOGY
FOR IMPROVED CHEMICAL
AGENTS AND BINARY
MUNITIONS

CONTINUES PROCUREMENT OF
BINARY 155MM GB-2
ARTILLERY PROJECTILES

CONTINUES FULL SCALE
DEV OF BINARY CHEMICAL
WARHEAD FOR MLRS

\$638.6

DEFENSIVE (85.6%)

RDTE (NBC EQUIP)	174.4
RDTE (MEDICAL)	122.6
ASF WAR RESERVE	25.0
O&M	72.1
O&M (DEF EQUIP)	46.5
PROCUREMENT	191.2
MCA	14.0
	<u>645.8</u>

DEVELOPS NEW TECHNOLOGY
AND MATERIEL FOR DETECTION,
PROTECTION, DECON, SMOKE,
TREATMENT & ANTIDOTES

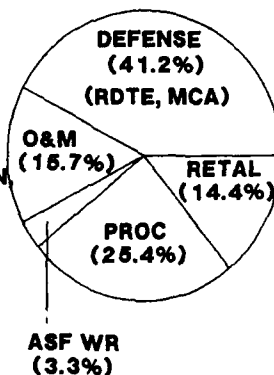
PROVIDES NEW MASK, DECON
DETECTION AND COLLECTIVE
PROTECTION; PROTECTIVE
CLOTHING & EQUIPMENT TO
SUPPORT TRAINING

IMPROVES DPG FACILITIES

FY91 (\$M)

RETALIATORY CAPABILITY (14.4%)

RDTE (TECH BASE)	5.3
RDTE (BINARY)	31.6
PROCUREMENT (BINARY)	71.7
	<u>108.6</u>



DEVELOPS NEW TECHNOLOGY
FOR IMPROVED CHEMICAL
AGENTS AND BINARY
MUNITIONS

CONTINUES PROCUREMENT OF
BINARY 155MM GB-2
ARTILLERY PROJECTILES

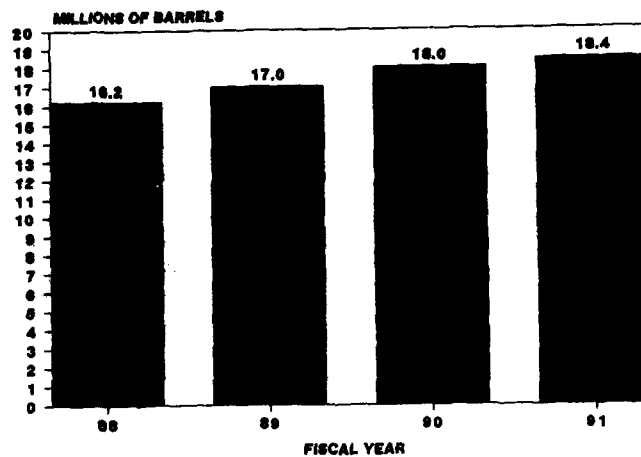
CONTINUES FULL SCALE
DEV OF BINARY CHEMICAL
WARHEAD FOR MLRS

ASF WR
(3.3%)

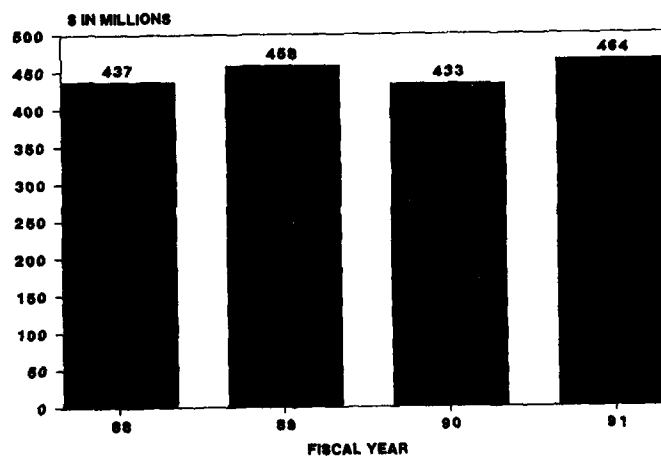
\$764.0

NOTE: \$96.9M FY91 MCA
ALSO IN ARMY TOA FOR
CHEM DEMILITARIZATION

ARMY POL CONSUMPTION



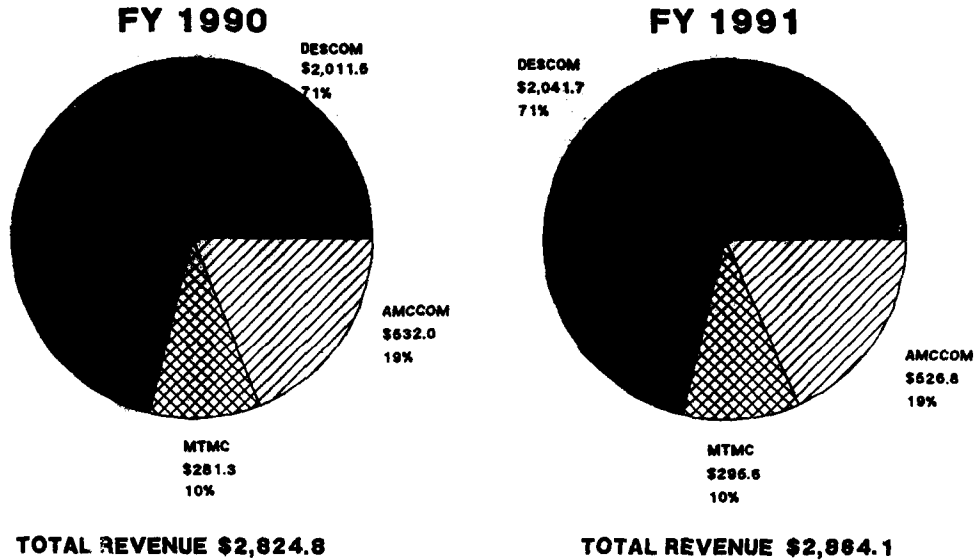
ARMY POL COST



UNIT COST (\$ PER GALLON)

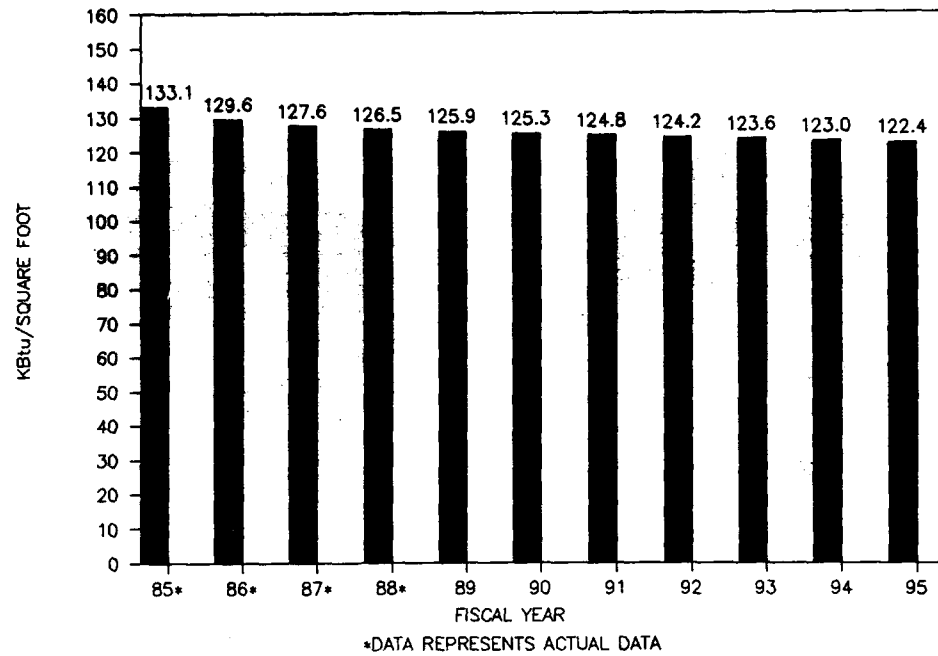
PRODUCT	FY 89	FY 90	FY 91
JP-4	0.61	0.55	0.58
JP-5	0.66	0.60	0.63
JP-8	0.61	0.55	0.58
DF-2	0.65	0.56	0.59
UNLEADED	0.73	0.64	0.66
LEADED	0.73	0.70	0.72
RESIDUALS	0.55	0.53	0.56
AVGAS	1.25	1.05	1.10

ARMY INDUSTRIAL FUND REVENUES BY ACTIVITY GROUP (\$ IN MILLIONS)

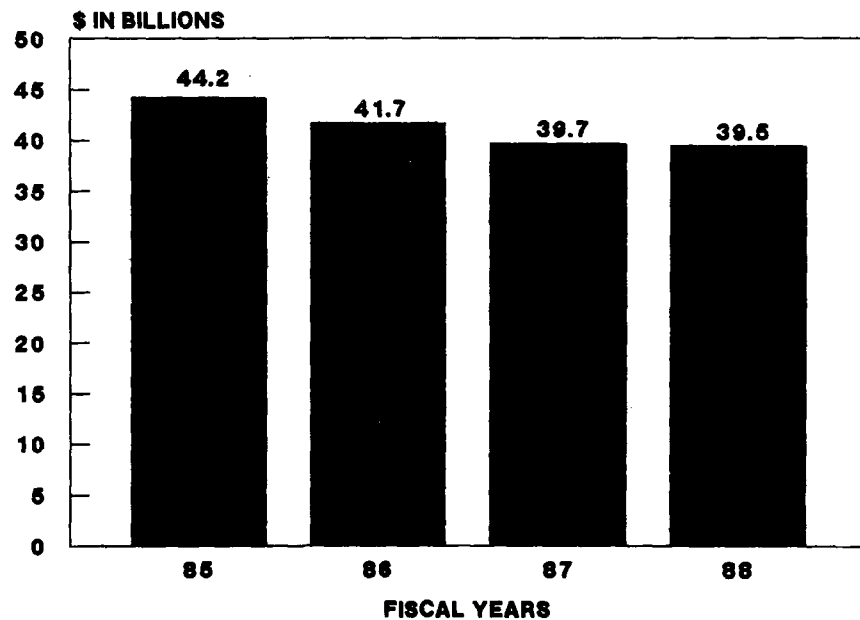


THE ARMY INDUSTRIAL FUND (AIF) PERFORMS INDUSTRIAL ACTIVITIES AT ARSENALS, DEPOTS, AND PORT TERMINALS WHICH PRODUCE GOODS AND SERVICES FOR DOD AND NON-DOD CUSTOMERS. THE WORKING CAPITAL OF THE AIF IS REPLENISHED BY COLLECTING FROM CUSTOMERS. THE ANNUAL OPERATING PROGRAM OF THE AIF DEPENDS ON CUSTOMERS' ORDERS. THE ACTIVITY GROUPS IN AIF ARE THE DEPOT SYSTEMS COMMAND (DESCOM), ARMAMENT MUNITIONS AND CHEMICAL COMMAND (AMCCOM), AND THE MILITARY TRAFFIC MANAGEMENT COMMAND (MTMC).

FACILITY ENERGY CONSUMPTION



ARMY SECURITY ASSISTANCE PROGRAM



INCLUDES FOREIGN MILITARY SALES, SUPPLY SUPPORT ARRANGEMENTS,
AND GRANT AID.

ARMY COMMUNITY/SOLDIER SUPPORT **(\$ IN MILLIONS)**

	FY 89	FY 90	FY 91
OMA:			
COMMUNITY/SOLDIER SUPPORT BASE:	229.4	189.1	194.4
(I.E.: LIBRARIES, REC CNTRS, SPORTS PROGRAMS, GYMNASIUMS)			
ARMY COMMUNITY SERVICES:	22.0	35.2	50.5
INFORMATION AND REFERRAL FAMILY MBMR EMPLOYMENT ASST. EXCEPTIONAL FAMILY MBR ASST. FINANCIAL PLANNING & ASST.			
CHILD & YOUTH DEVELOPMENT:	26.4	51.8	51.9
HOME DAY CARE AFTER-SCHOOL ("LATCH-KEY") EDUCATION SPECIALISTS YOUTH DEVELOPMENT			
TOTAL	277.8	276.1	296.8
MCA:			
PHYSICAL FITNESS TRAINING CENTERS	5.8	14.8	21.3
NUMBER OF PROJECTS	(1)	(1)	(4)
CHILD DEVELOPMENT CENTERS	34.5	29.3	17.0
NUMBER OF PROJECTS	(13)	(9)	(7)