

## **NATIONAL DEFENSE BUDGET ESTIMATES - FY 1988/FY 1989**

This document is prepared and distributed as a convenient reference source for the Amended FY 1988/FY 1989 National Defense biennial budget estimates. It also provides several current and constant dollar historical time series for National Defense, the total federal budget, and the U.S. economy.

**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE  
(COMPTROLLER)**



## STATISTICAL CHANGES IN THE PRESENTATION OF NATIONAL DEFENSE DATA

### RETIRED PAY/ACCRUAL

For the years FY 1945-FY 1984, DoD budget authority and outlays show military retired pay on a cash basis. After FY 1984, DoD budget authority and outlays reflect accrual cost of military retirement. OMB has moved the actual military retired pay cash accounts from the DoD Military Functions (051) to Income Security Function (600) in both budget authority and outlays and replaced it with an imputed value for military retired pay accrual in the DoD Military Functions (051) in all years to provide for a comparable data series.

### FEDERAL EMPLOYEES' RETIREMENT SYSTEM (FERS)

The additional costs for retirement contributions due to enactment of the Federal Employees' Retirement System (FERS) Act of 1986, P.L. 99-335 are included as inflationary increases and the DoD deflators have been adjusted accordingly.

### CHANGE IN ACCOUNT STRUCTURE

There have been several changes in the account structure within Function (050). Stockpile sales were moved from Function (054) to Function (051) and a new account, Maritime Administration was added to Function (054).

### CHANGES IN SCOREKEEPING

Rescissions: In the past, rescissions of prior year unobligated balances were reflected as adjustments only against TOA in the applicable program year. However, in presenting this budget, the Congressional Budget Office (CBO) and Office of Management and Budget (OMB) have directed scoring of such rescissions against [current year] Budget Authority [in the year of legislation]. Thus, the prior year rescissions taken by congressional actions on both the FY 1987 and FY 1988 budgets are reflected as an adjustment to Budget Authority for those years.

Reappropriations: Prior to this year, reappropriations have been scored as new Budget Authority in the year of legislation. However, in presenting this budget, CBO and OMB have directed scoring of reappropriations as Budget Authority in the first year of new availability [first year after original availability would lapse]. FY 1987 and FY 1988 Budget Authority also reflect this scoring adjustment.



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## CHAPTER 1

### NATIONAL DEFENSE - AN OVERVIEW

This chapter provides an overview of the National Defense function of the federal budget which includes, in addition to the DoD budget, activities of other Federal Agencies that support our National Defense. Data are provided in three standard classifications: total obligational authority (TOA), budget authority (BA), and outlays as defined below.

#### Definitions

**Budget Authority** -- BA is the authority to enter into obligations for payment (outlays) of Government funds. Most BA is provided by Congress in the form of appropriations and reappropriations which can be increased or decreased by transfers to or from another account, and is identified to the year the authority takes effect.

**Total Obligational Authority** -- TOA is a DoD financial term which expresses the value of the DIRECT Defense program for a fiscal year.

Prior to FY 1979, TOA differed from BA primarily because of:

- (1) Congressional actions directing the transfer of prior year BA balances to finance direct programs (increasing TOA with no effect on BA);
- (2) Application of shelf stock sales receipts to finance direct programs (increasing TOA with no effect on BA); and
- (3) BA lapsing before obligations were incurred (decreasing TOA with no effect on BA).

Beginning in FY 1979, Congressionally-directed transfers of prior year BA balances which have the effect of extending the life of the appropriation are treated as both TOA and BA (The term "Reappropriation" applies when prior year balances are brought forward and the life of these funds is extended).

An additional difference is Net Offsetting and Trust Fund Receipts which are deducted from BA, but have no effect on TOA. These are collections from the public that arise out of the business-type or market-oriented activities of the Government and are deposited in receipt accounts.

Recently, the differences between BA & TOA have been greater than usual due to the Congressional decision to finance more programs with transfers, particularly in the Military Personnel accounts. The following table provides a reconciliation between BA and TOA for FY 1987, FY 1988, and FY 1989.

**Reconciliation Between TOA and BA for FY 1987, FY 1988,  
and Amended FY 1989  
(\$ in Thousands)**

	<u>FY 1987</u>	<u>FY 1988</u>	<u>Amended FY 1989</u>
<b>Total Obligational Authority</b>	<b>283,475,477</b>	<b>289,025,261</b>	<b>291,566,000</b>
<b>Financing Adjustments:</b>			
Military Personnel (Transfers and Lapses)	-481,293	0	0
O&M (Transfers, Foreign Currency and Lapses)	-705,560	-1,089,600	0
Procurement (Unobligated and Lapses)	-3,418,022	-3,064,325	0
RDT&E (Unobligated and Lapses)	-297,495	-568,057	0
Military Construction (NATO Infrastructure, Unobligated and Lapses)	-173,536	-267,069	-40,000
Family Housing (Homeowners', Unobligated, Transfers, and Lapses)	-71,986	-151,267	-100
Revolving & Management Funds (Contract Authority)	<u>+1,950,838</u>	<u>0</u>	<u>0</u>
<b>Total Financing Adjustments</b>	<b>-3,197,054</b>	<b>-5,140,318</b>	<b>-40,100</b>
<b>Receipts:</b>			
Trust Funds	32,076	24,100	24,200
Interfund Transactions	-28,203	-22,900	-23,000
Offsetting Receipts	<u>-813,144</u>	<u>-727,000</u>	<u>-743,100</u>
<b>Total Receipts</b>	<b>-809,271</b>	<b>-725,800</b>	<b>-741,900</b>
<b>Total Adjustments (Financing and Receipts)</b>	<b>-4,006,325</b>	<b>-5,866,118</b>	<b>-782,000</b>
<b>Total Budget Authority</b>	<b>279,469,152</b>	<b>283,159,143</b>	<b>290,784,000</b>

**Outlays** -- There is a time lag between budgeting funds (congressional appropriation), signing contracts and placing orders (obligations), receiving goods or services and making payments (liquidating obligations). Payments, termed outlays, lag obligations due to the time required to render services or complete projects. Under full funding, Congress approves, in the year of the request, sufficient funds to complete most procurement and construction programs, even though these projects may require several years to complete. As a result of full funding, and the time required to produce and deliver goods and services, outlays during a fiscal year may be for payment of obligations incurred during prior years as well as the current year. Outlay data reflect these spending patterns and also the changes in program mix over time.

### Budget Summary

Table 1-1 presents the budget request for the National Defense Function in the terms defined previously. The National Defense Budget includes, in addition to the DoD budget, those activities of the Departments of Energy and Treasury, the General Services Administration, Federal Emergency Management Agency, and the Selective Service System which support the National Defense Function. These activities are aggregated in Table 1-1 as DoE and other, and are shown in more detail in later tables. Data are provided in both current and constant FY 1989 prices.

Table 1-2 provides the National Defense BA estimate by Act in current prices.

Table 1-3 provides the National Defense BA estimate by Act in constant FY 1989 prices.

Table 1-4 provides the National Defense Outlays estimate by Act in current prices.

Table 1-5 provides the National Defense Outlays estimate by Act in constant FY 1989 prices.

Table 1-6 provides a reconciliation from the Defense Appropriation and Military Construction acts to National Defense BA and Outlays shown in the President's Budget request in both current and constant FY 1989 prices.

Table 1-7 provides the Long-Range forecast for the National Defense Function.

Table 1-8 provides BA for all functions of the total Federal Budget for fiscal years 1987 through 1993. The functions are those used in the Budget of the United States which is the source document for this table.

Table 1-9 provides Outlays for all functions of the total Federal Budget for fiscal years 1987 through 1993 in the same format as Table 1-8.

Table 1-10 provides the BA adjustments made to the original FY 1988/FY 1989 Biennial budget by the Congress in FY 1988 and in accordance with the budget summit agreement in FY 1989.

**Table 1-1**  
**NATIONAL DEFENSE BUDGET SUMMARY**  
(\$ in Millions)

<u>CURRENT PRICES</u>				<u>CHANGE</u>			
		<u>FY 1986</u>	<u>FY 1987</u>	<u>FY 1988</u>	<u>CHANGE FY 1987-88</u>	<u>FY 1989</u>	<u>CHANGE FY 1988-89</u>
<u>TOTAL OBLIGATIONAL AUTHORITY (TOA)</u>							
DOD		280,520	283,475	289,025	5,550	291,566	2,541
<u>BUDGET AUTHORITY</u>							
DOD		281,390	279,469	283,159	3,690	290,784	7,625
Doe and Other		<u>7,756</u>	<u>7,958</u>	<u>8,257</u>	<u>-299</u>	<u>8,745</u>	<u>488</u>
<b>TOTAL NATIONAL DEFENSE</b>		<b>289,146</b>	<b>287,427</b>	<b>291,416</b>	<b>3,989</b>	<b>299,529</b>	<b>8,113</b>
<u>OUTLAYS</u>							
DOD		265,636	274,007	277,275	3,268	285,500	8,225
Doe and Other		<u>7,739</u>	<u>8,033</u>	<u>8,148</u>	<u>-115</u>	<u>8,520</u>	<u>372</u>
<b>TOTAL NATIONAL DEFENSE</b>		<b>273,375</b>	<b>282,000</b>	<b>285,423</b>	<b>3,424</b>	<b>294,020</b>	<b>8,597</b>
<u>CONSTANT FY 1989 PRICES</u>							
DOD		311,125	305,849	298,827	-7,022	291,566	-7,261
<u>BUDGET AUTHORITY</u>							
DOD		312,151	301,575	292,758	-8,817	290,784	-1,974
Doe and Other		<u>8,603</u>	<u>8,587</u>	<u>8,537</u>	<u>-50</u>	<u>8,745</u>	<u>-208</u>
<b>TOTAL NATIONAL DEFENSE</b>		<b>320,754</b>	<b>310,162</b>	<b>301,295</b>	<b>-8,867</b>	<b>299,529</b>	<b>-1,766</b>
<u>OUTLAYS</u>							
DOD		294,177	296,385	287,215	-9,170	285,500	-1,715
Doe and Other		<u>8,570</u>	<u>8,645</u>	<u>8,440</u>	<u>-205</u>	<u>8,520</u>	<u>80</u>
<b>TOTAL NATIONAL DEFENSE</b>		<b>302,747</b>	<b>305,030</b>	<b>295,655</b>	<b>-9,375</b>	<b>294,020</b>	<b>-1,635</b>

**Table 1-2**  
**NATIONAL DEFENSE BUDGET AUTHORITY**  
(\$ in Millions)

	<b>FY 1986</b>	<b>FY 1987</b>	<b>FY 1988</b>	<b>FY 1989</b>
Military Personnel	67,794	74,010	76,145	78,399
Operation & Maintenance	74,888	79,607	80,684	85,649
Procurement	92,506	80,234	81,027	80,037
RDT&E	33,609	35,644	36,695	38,157
Special Foreign Currency	2	4	-	-
Rev. & Mgmt. Funds	<u>5,235</u>	<u>2,612</u>	<u>830</u>	<u>764</u>
<b>DoD Bill</b>	<b>274,034</b>	<b>272,111</b>	<b>275,381</b>	<b>283,006</b>
Military Construction	5,281	5,093	5,354	5,743
Family Housing	<u>2,803</u>	<u>3,075</u>	<u>3,149</u>	<u>3,272</u>
<b>Military Construction Bill</b>	<b>8,084</b>	<b>8,168</b>	<b>8,503</b>	<b>9,015</b>
Contingencies:				
Proposed Legislation	-	-	-	-495
DoD Offsetting Receipts (Net)	-729	-809	-726	-742
<b>051 - TOTAL DoD</b>	<b>281,390</b>	<b>279,469</b>	<b>283,159</b>	<b>290,784</b>
<b>Defense-Related Activities by Bill:</b>				
<b>053 - Energy Bill</b>				
Atomic Energy Defense Acts	7,287	7,478	7,749	8,100
<b>054 - Treasury, Postal Bill</b>				
054 General Services Admin.	27	-	-	-
054 Natl.Def Stkpile Trans.	<u>19</u>	-	-	-
Subtotal	<b>46</b>	-	-	-
<b>054 - HUD-Independent Agencies</b>				
054 Fed. Emergency Mgt. (FEMA)	275	306	317	340
054 Selective Service	<u>26</u>	<u>26</u>	<u>25</u>	<u>26</u>
Subtotal	<b>301</b>	<b>332</b>	<b>342</b>	<b>366</b>
<b>054 - Department of Transportation</b>				
054 Ready Reserve Force	-	-	-	111
<b>054 - DoD Appropriation Act</b>				
054 Intell. Comm. Staff	21	22	23	24
054 CIA Ret. & Disability	<u>101</u>	<u>126</u>	<u>135</u>	<u>144</u>
Subtotal	<b>122</b>	<b>148</b>	<b>158</b>	<b>168</b>
<b>054 - Funds Approp. to Pres.</b>				
054 Spec.Assist.for Centrl Am.	-	-	7	-
<b>054 DEFENSE RELATED</b>	<b>469</b>	<b>480</b>	<b>508</b>	<b>645</b>
<b>053 / 054 - DEFENSE RELATED</b>	<b>7,756</b>	<b>7,958</b>	<b>8,257</b>	<b>8,745</b>
<b>050 - NATIONAL DEFENSE</b>	<b>289,146</b>	<b>287,427</b>	<b>291,416</b>	<b>299,529</b>

**Table 1-3**  
**NATIONAL DEFENSE BUDGET AUTHORITY**  
(FY 1989 \$ in Millions)

	FY 1986	FY 1987	FY 1988	FY 1989
Military Personnel	73,105	78,760	78,543	78,399
Operation & Maintenance	85,185	87,841	83,605	85,649
Procurement	102,444	85,815	83,669	80,037
RDT&E	37,438	38,426	38,035	38,157
Special Foreign Currency	2	4	-	-
Rev. & Mgmt. Funds	<u>5,787</u>	<u>2,811</u>	<u>862</u>	<u>764</u>
<b>DoD Bill</b>	<b>303,961</b>	<b>293,657</b>	<b>284,714</b>	<b>283,006</b>
Military Construction	5,888	5,478	5,535	5,743
Family Housing	<u>3,108</u>	<u>3,312</u>	<u>3,263</u>	<u>3,272</u>
<b>Military Construction Bill</b>	<b>8,996</b>	<b>8,790</b>	<b>8,798</b>	<b>9,015</b>
Contingencies:				
Proposed Legislation	-	-	-	-495
DoD Offsetting Receipts (Net)	-805	-871	-754	-742
<b>051 - TOTAL DoD</b>	<b>312,151</b>	<b>301,575</b>	<b>292,758</b>	<b>290,784</b>
<b>Defense-Related Activities by Bill:</b>				
<b>053 - Energy Bill</b>				
Atomic Energy Defense Acts	8,083	8,069	8,012	8,100
<b>054 - Treasury, Postal Bill</b>				
054 General Services Admin.	30	-	-	-
054 Natl.Def Stkpile Trans.	<u>21</u>	-	-	-
Subtotal	51	-	-	-
<b>054 - HUD-Independent Agencies</b>				
054 Fed. Emergency Mgt. (FEMA)	305	330	328	340
054 Selective Service	<u>29</u>	<u>28</u>	<u>26</u>	<u>26</u>
Subtotal	334	358	354	366
<b>054 - Department of Transportation</b>				
054 Ready Reserve Force	-	-	-	111
<b>054 - DoD Appropriation Act</b>				
054 Intell. Comm. Staff	23	24	24	24
054 CIA Ret. & Disability	<u>112</u>	<u>136</u>	<u>140</u>	<u>144</u>
Subtotal	135	160	164	168
<b>054 - Funds Approp. to Pres.</b>				
054 Spec.Assist.for Centrl Am.	-	-	7	-
<b>054 DEFENSE RELATED</b>	<b>520</b>	<b>518</b>	<b>525</b>	<b>645</b>
<b>053 / 054 - DEFENSE RELATED</b>	<b>8,603</b>	<b>8,587</b>	<b>8,537</b>	<b>8,745</b>
<b>050 - NATIONAL DEFENSE</b>	<b>320,754</b>	<b>310,162</b>	<b>301,295</b>	<b>299,529</b>

**Table 1-4**  
**NATIONAL DEFENSE OUTLAYS**  
(\$ in Millions)

	<b>FY 1986</b>	<b>FY 1987</b>	<b>FY 1988</b>	<b>FY 1989</b>
Military Personnel	71,511	72,020	75,453	77,827
Operation & Maintenance	75,259	76,178	80,433	82,725
Procurement	76,517	80,744	79,166	79,820
RDT&E	32,283	33,596	33,127	36,295
Special Foreign Currency	3	2	3	1
Rev. & Mgmt. Funds	<u>2,877</u>	<u>3,522</u>	<u>1,359</u>	<u>826</u>
<b>DoD Bill</b>	<b>258,450</b>	<b>266,062</b>	<b>269,541</b>	<b>277,494</b>
Military Construction	5,067	5,853	5,419	5,668
Family Housing	<u>2,819</u>	<u>2,908</u>	<u>3,023</u>	<u>3,229</u>
<b>Military Construction Bill</b>	<b>7,886</b>	<b>8,761</b>	<b>8,442</b>	<b>8,897</b>
Contingencies:				
Proposed Legislation	-	-	-	-163
DoD Offsetting Receipts (Net)	-700	-815	-708	-727
<b>051 - TOTAL DoD</b>	<b>265,636</b>	<b>274,007</b>	<b>277,275</b>	<b>285,500</b>
<b>Defense-Related Activities by Bill:</b>				
<b>053 - Energy Bill</b>				
Atomic Energy Defense Acts	7,445	7,451	7,631	7,945
<b>054 - Treasury, Postal Bill</b>				
054 General Services Admin.	28	-69	-	-
054 Natl.Def Stkpile Trans.	<u>-185</u>	<u>28</u>	-	-
Subtotal	<b>-157</b>	<b>-41</b>	-	-
<b>054 - HUD-Independent Agencies</b>				
054 Fed. Emergency Mgt. (FEMA)	307	290	307	325
054 Selective Service	<u>23</u>	<u>24</u>	<u>26</u>	<u>26</u>
Subtotal	<b>330</b>	<b>314</b>	<b>333</b>	<b>351</b>
<b>054 - Department of Transportation</b>				
054 Ready Reserve Force	-	-	-	53
<b>054 - DoD Appropriation Act</b>				
054 Intell. Comm. Staff	20	21	22	23
054 CIA Ret. & Disability	<u>101</u>	<u>150</u>	<u>142</u>	<u>148</u>
Subtotal	<b>121</b>	<b>171</b>	<b>164</b>	<b>171</b>
<b>054 - Funds Approp. to Pres.</b>				
054 Spec.Assist.for Centrl Am.	-	98	20	-
<b>054 DEFENSE RELATED</b>	<b>294</b>	<b>542</b>	<b>517</b>	<b>575</b>
<b>053 / 054 - DEFENSE RELATED</b>	<b>7,739</b>	<b>7,993</b>	<b>8,148</b>	<b>8,520</b>
<b>050 - NATIONAL DEFENSE</b>	<b>273,375</b>	<b>282,000</b>	<b>285,423</b>	<b>294,020</b>

**Table 1-5**  
**NATIONAL DEFENSE OUTLAYS**  
(FY 1989 \$ in Millions)

	FY 1986	FY 1987	FY 1988	FY 1989
Military Personnel	77,154	76,651	77,833	77,827
Operation & Maintenance	85,433	84,182	83,388	82,725
Procurement	84,587	86,912	82,175	79,820
RDT&E	35,836	36,263	34,380	36,295
Special Foreign Currency	3	2	3	1
Rev. & Mgmt. Funds	<u>3,180</u>	<u>3,792</u>	<u>1,411</u>	<u>826</u>
DoD Bill	286,193	287,802	279,190	277,494
Military Construction	5,638	6,322	5,623	5,668
Family Housing	<u>3,118</u>	<u>3,138</u>	<u>3,137</u>	<u>3,229</u>
Military Construction Bill	8,756	9,460	8,760	8,897
Contingencies:				
Proposed Legislation	-	-	-	-163
DoD Offsetting Receipts (Net)	-774	-877	-735	-727
051 - TOTAL DoD	294,177	296,385	287,215	285,500
<b>Defense-Related Activities by Bill:</b>				
<b>053 - Energy Bill</b>				
Atomic Energy Defense Acts	8,245	8,059	7,904	7,945
<b>054 - Treasury, Postal Bill</b>				
054 General Services Admin.	31	-75	-	-
054 Natl.Def Stkpile Trans.	<u>-205</u>	<u>30</u>	-	-
Subtotal	-174	-45	-	-
<b>054 - HUD-Independent Agencies</b>				
054 Fed. Emergency Mgt. (FEMA)	340	314	318	325
054 Selective Service	<u>25</u>	<u>26</u>	<u>27</u>	<u>26</u>
Subtotal	365	340	345	351
<b>054 - Department of Transportation</b>				
054 Ready Reserve Force	-	-	-	53
<b>054 - DoD Appropriation Act</b>				
054 Intell. Comm. Staff	22	23	23	23
054 CIA Ret. & Disability	<u>112</u>	<u>162</u>	<u>147</u>	<u>148</u>
Subtotal	134	185	170	171
<b>054 - Funds Approp. to Pres.</b>				
054 Spec.Assist.for Centrl Am.	-	106	21	-
<b>054 DEFENSE RELATED</b>	325	586	536	575
<b>053 / 054 - DEFENSE RELATED</b>	8,570	8,645	8,440	8,520
<b>050 - NATIONAL DEFENSE</b>	302,747	305,030	295,655	294,020

**Table 1-6**  
**NATIONAL DEFENSE SUMMARY**  
**BUDGET AUTHORITY AND OUTLAYS**  
(\$ Millions)

	Budget Authority			Outlays				
	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>
DoD Appropriations Act	274,156	272,257	275,540	283,174	258,571	266,192	269,705	277,664
Military Construction Act	8,084	8,168	8,503	9,015	7,886	8,761	8,442	8,897
Proposed Legislation	-	-	-	-495	-	-	-	-163
Other Defense Related Activities	7,635	7,810	8,098	8,577	7,618	7,863	7,985	8,349
Offsetting Receipts	-729	-809	-726	-742	-700	-815	-708	-727
<b>TOTAL NATIONAL DEFENSE</b>	<b>289,146</b>	<b>287,427</b>	<b>291,416</b>	<b>299,529</b>	<b>273,375</b>	<b>282,000</b>	<b>285,423</b>	<b>294,020</b>
[Current Dollars]								
DoD Appropriations Act	304,096	293,817	284,878	283,174	286,327	287,987	279,360	277,664
Military Construction Act	8,996	8,790	8,798	9,015	8,756	9,460	8,760	8,897
Proposed Legislation	-	-	-	-495	-	-	-	-163
Other Defense Related Activities	8,468	8,427	8,373	8,577	8,436	8,460	8,270	8,349
Offsetting Receipts	-805	-871	-754	-742	-774	-877	-735	-727
<b>TOTAL NATIONAL DEFENSE</b>	<b>320,754</b>	<b>310,162</b>	<b>301,295</b>	<b>299,529</b>	<b>302,747</b>	<b>305,030</b>	<b>295,655</b>	<b>294,020</b>
[FY 1989 Dollars]								
DoD Appropriations Act	304,096	293,817	284,878	283,174	286,327	287,987	279,360	277,664
Military Construction Act	8,996	8,790	8,798	9,015	8,756	9,460	8,760	8,897
Proposed Legislation	-	-	-	-495	-	-	-	-163
Other Defense Related Activities	8,468	8,427	8,373	8,577	8,436	8,460	8,270	8,349
Offsetting Receipts	-805	-871	-754	-742	-774	-877	-735	-727
<b>TOTAL NATIONAL DEFENSE</b>	<b>320,754</b>	<b>310,162</b>	<b>301,295</b>	<b>299,529</b>	<b>302,747</b>	<b>305,030</b>	<b>295,655</b>	<b>294,020</b>

Table 1-7  
**FY 1989 NATIONAL DEFENSE BUDGET SUMMARY - LONG RANGE FORECAST**  
 (\$ in Billions)

	<u>CURRENT PRICES</u>	<u>FY 1988</u>	<u>FY 1989</u>	<u>FY 1990</u>	<u>FY 1991</u>	<u>FY 1992</u>	<u>FY 1993</u>
<u>BUDGET AUTHORITY</u>							
DOD	283.2	290.8	307.3	324.3	342.0	360.3	
Doe and Other	8.2	8.7	9.1	9.4	9.6	9.9	
TOTAL NATIONAL DEFENSE	291.4	299.5	316.4	333.7	351.6	370.2	
<u>OUTLAYS</u>							
DOD	277.3	285.5	297.3	311.0	325.9	341.5	
Doe and Other	8.1	8.5	8.9	9.2	9.5	9.8	
TOTAL NATIONAL DEFENSE	285.4	294.0	306.2	320.2	335.4	351.3	
<u>CONSTANT FY 1989 PRICES</u>							
<u>BUDGET AUTHORITY</u>							
DOD	292.8	290.8	297.0	303.7	311.3	318.7	
Doe and Other	8.5	8.7	8.8	8.8	8.8	8.8	
TOTAL NATIONAL DEFENSE	301.3	299.5	305.8	312.5	320.1	327.5	
<u>OUTLAYS</u>							
DOD	287.3	285.5	286.5	289.5	294.0	298.6	
Doe and Other	8.4	8.5	8.6	8.6	8.6	8.5	
TOTAL NATIONAL DEFENSE	295.7	294.0	295.1	298.1	302.6	307.1	

**Table 1-8**  
**FEDERAL UNIFIED BUDGET**  
**BUDGET AUTHORITY BY FUNCTION**  
(\$ Billions)

		<b>FY 87</b>	<b>FY 88</b>	<b>FY 89</b>	<b>FY 90</b>	<b>FY 91</b>	<b>FY 92</b>	<b>FY 93</b>
050	National defense	287.4	291.4	299.5	316.4	333.7	351.6	370.2
150	International affairs	18.7	16.2	16.5	17.7	16.8	17.1	17.5
250	General science, space and technology	12.5	10.7	13.9	16.2	17.0	18.1	18.5
270	Energy	3.4	5.5	4.8	5.9	5.8	5.4	5.0
300	Natural resources and environment	14.6	15.4	15.2	13.3	14.8	13.2	13.9
350	Agriculture	25.4	22.5	23.8	22.6	20.9	22.8	19.8
370	Commerce and housing credit	10.9	16.3	14.8	13.6	13.1	11.1	10.9
400	Transportation	27.0	28.0	27.0	27.4	27.5	28.1	27.9
450	Community & regional development	6.6	9.5	6.2	6.0	5.8	5.3	5.3
500	Education, training, employment, and social services	33.2	35.0	39.4	39.0	38.5	37.1	36.6
550	Health	41.3	45.5	48.8	52.4	56.8	61.3	66.0
570	Medicare	84.0	93.9	106.5	115.4	126.5	137.9	150.1
600	Income security	160.7	171.0	173.2	176.6	191.2	197.5	201.8
650	Social security	226.9	256.5	278.9	306.8	333.3	357.1	383.2
700	Veterans benefit and services	27.5	28.2	30.2	31.0	31.3	31.7	32.0
750	Administration of justice	8.8	9.2	10.3	10.4	10.6	10.9	11.2
800	General government	8.7	9.0	9.9	9.9	10.0	10.1	10.2
870	Central federal credit activities	*	*	3.4	3.2	3.0	2.6	2.5
900	Net interest	138.6	147.9	151.8	156.7	159.6	151.9	142.4
920	Allowances	*	*	*	0.9	2.1	3.4	4.8
950	Undistributed offsetting receipts	-36.5	-36.1	-41.0	-42.2	-42.7	-45.3	-47.7
<b>Totals</b>		<b>1,099.9</b>	<b>1,175.7</b>	<b>1,233.2</b>	<b>1,299.0</b>	<b>1,375.7</b>	<b>1,428.8</b>	<b>1,482.2</b>

**Table 1-9**  
**FEDERAL UNIFIED BUDGET**  
**OUTLAYS BY FUNCTION**  
(\$ Billions)

		<b>FY 87</b>	<b>FY 88</b>	<b>FY 89</b>	<b>FY 90</b>	<b>FY 91</b>	<b>FY 92</b>	<b>FY 93</b>
050	National defense	282.0	285.4	294.0	306.2	320.2	335.4	351.3
150	International affairs	11.6	9.9	13.3	13.1	15.9	15.8	15.8
250	General science, space and technology	9.2	10.9	13.1	15.2	16.8	17.5	18.0
270	Energy	4.1	2.7	3.1	4.5	4.3	3.8	3.5
300	Natural resources and environment	13.4	15.1	16.0	14.7	15.8	13.9	14.6
350	Agriculture	27.4	22.4	21.7	19.5	18.5	17.4	15.9
370	Commerce and housing credit	6.2	12.4	7.9	8.6	6.8	5.1	4.9
400	Transportation	26.2	27.2	27.3	27.4	27.3	27.2	26.9
450	Community & regional development	5.1	6.3	5.9	5.9	5.2	5.1	5.1
500	Education, training, employment, and social services	29.7	33.7	37.4	39.1	38.5	37.1	36.6
550	Health	40.0	44.5	47.8	52.4	56.4	60.9	65.4
570	Medicare	75.1	78.9	84.0	93.7	104.0	115.8	128.0
600	Income security	123.2	129.6	135.6	140.6	146.4	152.2	157.9
650	Social security	207.4	219.7	233.8	248.5	263.4	277.2	290.4
700	Veterans benefit and services	26.8	27.7	29.6	30.8	31.0	31.4	31.8
750	Administration of justice	7.5	9.0	9.9	10.3	10.5	10.8	11.1
800	General government	7.6	8.8	9.5	10.2	10.0	9.8	10.0
870	Central federal credit activities	*	*	-6.3	-7.7	-6.3	-5.3	-5.2
900	Net interest	138.6	147.9	151.8	156.7	159.6	151.9	142.4
920	Allowances	*	*	*	0.9	2.1	3.4	4.7
950	Undistributed offsetting receipts	-36.5	-36.1	-41.0	-42.2	-42.7	-45.3	-47.7
<b>Totals</b>		<b>1,004.6</b>	<b>1,055.9</b>	<b>1,094.2</b>	<b>1,148.3</b>	<b>1,203.7</b>	<b>1,241.0</b>	<b>1,281.3</b>

**Table 1-10**  
**FY 1988/FY 1989 BIENNIAL BUDGET ADJUSTMENTS**  
**BUDGET AUTHORITY by TITLE**  
(Current \$ Billions)

	Original FY 1988 Request	Congressional Action	Final FY 1988 Enacted	Original FY 1989 Request	FY 1989 Amendment	Revised FY 1989 Level
MILITARY PERSONNEL	78.3	-2.2	76.1	81.6	-3.2	78.4
OPERATION & MAINTENANCE	86.6	-5.9	80.7	91.5	-5.9	85.6
PROCUREMENT	84.0	-3.0	81.0	94.6	-14.5	80.0
R D T & E	43.7	-7.0	36.7	44.3	-6.2	38.2
MILITARY CONSTRUCTION - FAMILY HOUSING	10.1	-1.6	8.5	10.7	-1.7	9.0
OTHER	0.6	-0.4	0.2	0.6	-1.0	-0.4
TOTAL	303.3	-20.1	283.2	323.3	-32.5	290.8

14.

**CHAPTER 2**  
**CONTINGENCY ESTIMATES AND**  
**DOD BUDGET REQUEST BY APPROPRIATION ACT**  
**AMENDED FY 1989 BUDGET**

**Table 2-1** reflects Budget Authority and Outlays associated with contingency estimates for the National Defense function in the Amended FY 1989 budget. The contingency estimates are only in the Defense Appropriations Act. They represent the Administration's proposed legislation to support several military initiatives, savings based on exempting Military Construction projects costing \$1 million or less from the provisions of the Davis-Bacon Act, and exclusion of contracts (O&M) costing \$1 million or less from the Service Contracts Act.

**Table 2-2** is a summary of the total Department of Defense Budget Authority and Outlay estimates for the Amended FY 1989 budget as submitted to the Congress in February 1988. The estimates are identified by the Defense Appropriation Act and the Military Construction/Family Housing Act.

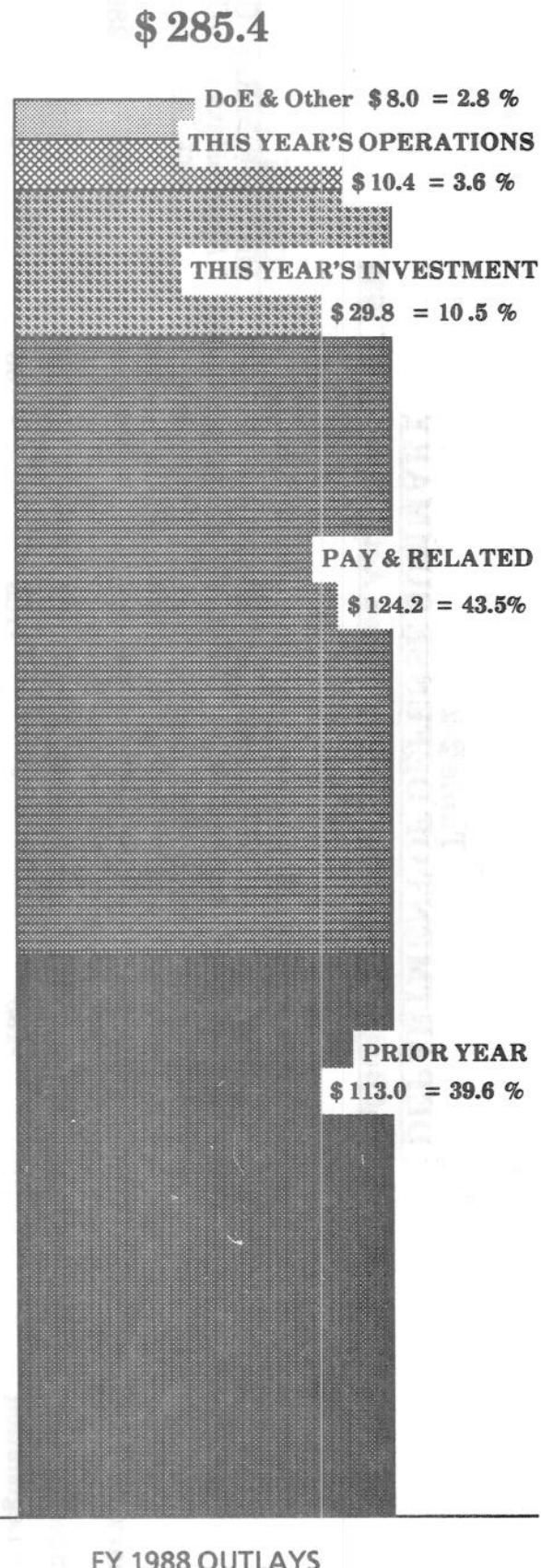
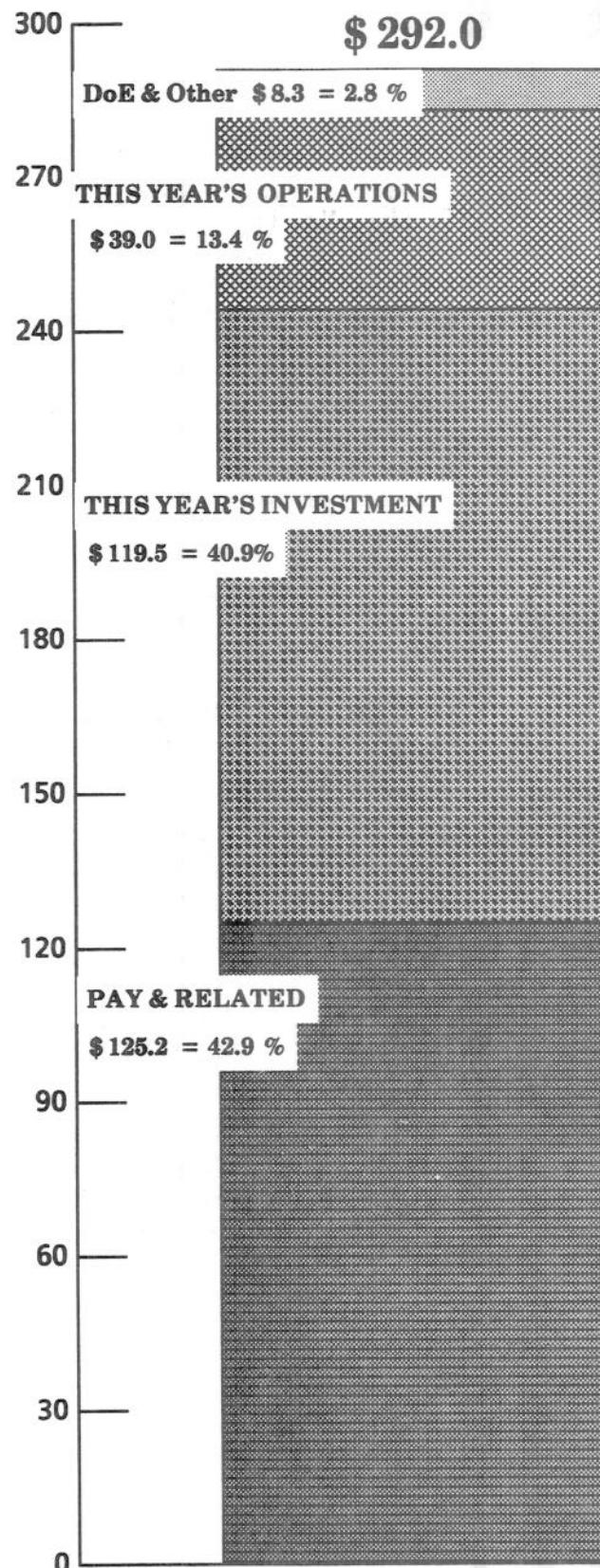
Table 2-1  
**AMENDED FY 1989 CONTINGENCY ESTIMATES**  
**BUDGET AUTHORITY & OUTLAYS**  
(\$ in Thousands)

	DEFENSE APPN ACT	MC/FH APPN ACT	TREAS. POSTAL Etc.	HUD, INDEP. AG's	ENERGY ACTS	NAT'L DEFENSE TOTAL
<b>BUDGET AUTHORITY:</b>						
Other Legislation	-185,300	-	-	-	-	-185,300
Davis-Bacon Reform Legislation	-310,000	-	-	-	-	-310,000
<b>TOTAL</b>	<b>-495,300</b>					<b>-495,300</b>
<b>OUTLAYS:</b>						
Other Legislation	33,000	-	-	-	-	33,000
Davis-Bacon Reform Legislation	-196,400	-	-	-	-	-196,400
<b>TOTAL</b>	<b>-163,400</b>					<b>-163,400</b>

**Table 2-2**  
**DEPARTMENT OF DEFENSE SUMMARY**  
Scheduling of Budget Request by Appropriation Act, Amended FY 1989

	Budget Authority			Outlays		
	DoD Appropriation Act	Mil Con/Fam Hsg Appropriation Act	Grand Total DoD	DoD Appropriation Act	Mil Con/Fam Hsg Appropriation Act	Grand Total DoD
February 1988 Budget Request	283,006	9,015	292,021	277,494	8,897	286,391
Contingency:						
Other Legislation	-185	-	-185	33	-	33
Davis-Bacon Reform	-250	-60	-310	-186	-10	-196
Amended FY 1989 Budget Estimates	282,571	8,955	291,526	277,341	8,887	286,228
Less: Offsetting Receipts (Net)			-742		-727	
<b>Total Amended FY 1989 DoD Budget Request</b>	<b>290,784</b>					<b>285,500</b>

(\$ in Billions)

**FY 1988 B/A & OUTLAYS**

## CHAPTER 3

### LEGISLATIVE AUTHORIZATIONS

Almost all National Defense activities are within the legislative purview of the Armed Services Committees (ASC) of the House and Senate. Practically all National Defense budget authority is subject to the annual appropriation process. The Department of Defense accounts for 97% of the National Defense function in FY 1989, and the Defense Appropriation Act itself is 94% of the total National Defense request in FY 1989. The remainder of the estimates is scattered under several other headings and bills.

Table 3-1 presents the Amended FY 1989 National Defense estimates for those accounts requiring annual legislative authorizations. As shown, \$222 billion in FY 1989 are subject to specific annual authorization of the amounts to be appropriated. Another \$78 billion is covered by the annual authorization process through the authorization of military end strengths (active and reserve); the military personnel appropriation dollars are not subject to specific authorization legislation.

Table 3-2 presents a summary of the authorizations enacted by appropriation title for FY 1986 through FY 1988, and the Amended FY 1989 budget estimate request.

Table 3-3 presents various categories of personnel authorizations enacted for FY 1986 through FY 1988, as well as the Amended FY 1989 budget request for DoD. Selected Reserves are shown as end strength since FY 1987 in accordance with Congressional direction; average strengths were used previously.

Table 3-4 presents budget authority for the appropriations covered by the Defense Authorization Bill. The FY 1986 through FY 1988 columns show actual amounts authorized and appropriated. The Amended FY 1989 columns show the request now pending.

Table 3-5 presents a reconciliation of authorizations (both DoD and Military Construction Bills) to the total Department of Defense budget authority for FY 1988 and the Amended FY 1989 request.

**NATIONAL DEFENSE BUDGET ESTIMATES AND ASC LEGISLATIVE ACTIONS, AMENDED FY 1989**  
 (President's Estimates, Budget Authority)  
 (\$ Millions)

	<u>Request</u>	<u>Authorization or Other Legislation</u>	<u>Pay <sup>a/</sup></u>	<u>Total Auth Amts and Pay</u>
<b>NATIONAL DEFENSE</b>				
Defense Appropriations Act	283,175 <sup>b/</sup>	204,580	78,399	282,979
Military Construction /Family Housing Act	9,015	8,719 <sup>c/</sup>	-	8,719
Other National Defense	8,577	8,261 <sup>d/</sup>	-	8,261
<b>Total National Defense</b>	<b>300,767</b>	<b>221,560</b>	<b>78,399</b>	<b>299,959</b>
(DoD Included Above)	(292,021)	(213,299)	(78,399)	(291,698)
<b>CONTINGENCIES</b>				
Davis-Bacon Reform Legislation	-310	-310	-	-310
Other Legislation	-185	-185	-	-185
<b>Total Contingencies (DoD)</b>	<b>-495</b>	<b>-495</b>	<b>-</b>	<b>-495</b>
<b>NET TRUST FUNDS &amp; RECEIPTS (DoD)</b>				
Existing Legislation	-742	-	-	-
<b>Grand Total National Defense</b>	<b>299,530</b>	<b>221,065</b>	<b>78,399</b>	<b>299,464</b>
(DoD Included Above)	(290,784)	(212,804)	(78,399)	(291,2033)

<sup>a/</sup> Military Personnel appropriation title dollars not subject to direct authorization

<sup>b/</sup> Includes \$135 million for CIA retirement fund and \$24 million for Intell. Comm. Staff

<sup>c/</sup> Less Authorizations in Prior Year and Advance Appropriations

<sup>d/</sup> Atomic Energy Defense Activities and Civil Defense activities of FEMA

**Table 3-2**  
**APPROPRIATIONS SUBJECT TO AUTHORIZATION**  
(\$ Millions)

<u>Appropriation Category</u>	<u>FY 1986 Auth Act</u>	<u>FY 1987 Auth Act</u>	<u>FY 1988 Auth Act</u>	<u>Amended FY 1989 Request</u>
Procurement	101,762	85,065	79,776	80,010
Defense Production Act Purchases	59	30	31	28
RDT&E	36,060	36,216	40,511	38,157
Special Foreign Currency	2	4	0	0
Operation and Maintenance	79,760	78,597	83,812	85,649
Revolving and Management Funds	1,660	908	981	764
Military Construction	5,872	5,226	5,224	5,450
Family Housing	3,328	3,183	3,225	3,269

**Table 3-3**  
**PERSONNEL AUTHORIZATIONS**

	<u>FY 1986 Auth Act</u>	<u>FY 1987 Auth Act</u>	<u>FY 1988 Auth Act</u>	<u>Amended FY 1989 Request</u>
Active Military Forces (E/S)	2,167,370	2,174,250	2,172,400	2,138,300
Selected Reserve Forces	1,091,076	1,156,977 <sup>a/</sup>	1,176,070 <sup>a/</sup>	1,172,900 <sup>a/</sup>
Civilian Personnel (E/S) (Includes Foreign Nationals) <sup>b/</sup>	1,106,828	0	0	0
Average Military Training Student Loads	262,744	259,835	255,274	249,002

a/ End Strength rather than Average Strength since FY 1987 Congressional direction.

b/ Authorization of End Strength not applicable since FY 1987.

**BUDGET AUTHORITY FOR ITEMS COVERED BY DEFENSE AUTHORIZATION BILL**  
**Table 3-4**  
**(\$ Thousands)**

	FY 1986			FY 1987			FY 1988			Amended FY 1989 Request
	Authorized	Appropriated	Authorized	Appropriated	Authorized	Appropriated	Authorized	Appropriated	Authorized	
<b>Title I - Procurement</b>										
For the Army:										
Aircraft	3,777,900	3,524,200	2,725,500	2,762,750	2,864,667	2,718,406	2,791,500			
Missiles	3,297,700	2,904,332	2,150,900	2,206,800	2,425,875	2,332,237	2,586,600			
Weapons & Trkd Combat Veh	5,328,900	4,484,800	3,888,100	3,804,300	3,435,137	3,207,187	2,960,600			
Ammunition	2,689,000	2,497,200	2,126,100	2,087,150	2,397,938	2,273,592	2,007,800			
Other Procurement	5,554,100	5,275,556	5,112,753	5,118,752	5,494,504	5,093,549	4,774,000			
<b>Total Army</b>	<b>20,032,300</b>	<b>18,686,088</b>	<b>16,003,353</b>	<b>15,979,752</b>	<b>16,618,121</b>	<b>15,624,971</b>	<b>15,120,500</b>			
For the Navy:										
Aircraft (incl MarCorps)	11,708,900	11,175,678	9,828,069	9,794,262	9,604,987	9,522,299	8,980,000			
Weapons	5,670,100	5,227,795	5,449,968	5,290,847	5,989,023	5,967,019	6,271,800			
Naval Vessels	10,860,800	10,840,400	10,607,100	10,210,989	9,530,427	16,155,355	9,130,100			
Other Procurement	6,261,800	6,377,630	5,826,942	6,033,371	5,321,592	4,872,461	4,789,700			
<b>Total Navy</b>	<b>33,297,000</b>	<b>33,721,503</b>	<b>31,712,079</b>	<b>31,329,469</b>	<b>30,446,029</b>	<b>36,517,134</b>	<b>29,171,600</b>			
Marine Corps Procurement	1,755,400	1,660,766	1,477,408	1,465,215	1,333,575	1,295,599	1,157,300			
For the Air Force:										
Aircraft	24,841,300	23,255,424	17,018,632	17,131,281	13,224,331	12,956,827	16,630,000			
Missiles	9,051,400	8,312,442	7,570,472	7,446,718	7,609,344	7,290,771	8,158,000			
Other Procurement	8,853,100	8,571,383	9,180,923	9,254,941	8,422,866	8,010,827	8,393,500			
<b>Total Air Force</b>	<b>42,015,000</b>	<b>40,139,249</b>	<b>33,770,027</b>	<b>33,832,940</b>	<b>29,256,541</b>	<b>28,258,425</b>	<b>33,181,500</b>			
Defense Agencies Procurement	1,378,300	1,302,740	1,418,660	1,498,256	1,293,312	1,266,263	1,216,100			
Guard & Reserve Equip, Defense	658,400	1,501,800	563,500	557,000	703,000	1,200,000	-			
DoD NATO Cooperative Program	75,000	15,000	-	-	200,000	-	20,000			
Coastal Defense Augmentation	-	235,000	-	120,100	118,700	125,100	198,500	162,900		
Chemical Demil Program	-	-	-	-	-	-	-	-		
<b>Total Title I - Procurement</b>	<b>101,762,100</b>	<b>97,362,146</b>	<b>85,065,127</b>	<b>84,981,331</b>	<b>79,775,678</b>	<b>84,380,892</b>	<b>80,009,900</b>			

**BUDGET AUTHORITY FOR ITEMS COVERED BY DEFENSE AUTHORIZATION BILL**  
 Table 3-4 (Continued)  
**(\$ Thousands)**

				Amended FY 1989 Request
		FY 1986 <u>Authorized</u>	FY 1987 <u>Appropriated</u>	FY 1988 <u>Authorized</u>
		FY 1986 <u>Authorized</u>	FY 1987 <u>Appropriated</u>	FY 1988 <u>Authorized</u>
<b>Title II - RDT&amp;E</b>				
Army	4,933,663	4,798,172	4,712,729	4,556,076
Navy (incl Marine Corps)	10,289,401	10,065,239	9,294,106	9,326,418
Air Force	13,975,721	13,718,208	15,019,084	15,062,783
Defense Agencies	6,767,469	6,637,386	7,044,533	6,742,091
Director of T & E Def.	93,500	118,500	133,800	105,546
Director of Oper. T & E	-	-	11,300	184,693
<b>Total Title II - RDT&amp;E</b>	<b>36,059,754</b>	<b>35,337,505</b>	<b>36,215,552</b>	<b>35,804,214</b>
<b>24.</b>				
<b>Title III - Operation &amp; Maintenance</b>				
Army	19,333,351	18,975,507	20,025,891	21,540,728
Navy	24,764,847	24,477,071	23,164,784	22,939,674
Marine Corps	1,626,700	1,612,050	1,794,200	1,793,750
Air Force	20,252,089	19,536,813	18,901,186	18,643,816
Defense Agencies	7,553,333	7,432,569	7,979,380	7,978,674
Army Reserve	780,100	780,100	770,300	769,966
Navy Reserve	900,590	894,950	887,400	884,097
Marine Corps Reserve	57,170	57,200	64,200	63,875
Air Force Reserve	902,144	902,700	922,100	911,200
Army National Guard	1,625,780	1,652,800	1,734,603	1,734,447
Air National Guard	1,806,162	1,806,200	1,790,400	1,755,658
Rifle Practice, Army	920	920	4,316	4,316
Claims, Defense	143,300	143,300	144,400	144,400
Court of Military Appeals	3,200	3,200	3,200	3,200
Pan American Games	10,000	10,000	15,000	15,000
Humanitarian Assistance	-	-	10,000	10,000
Environmental Rest. Fund, Def.	-	379,100	385,900	375,900
<b>Total Title III - O&amp;M</b>	<b>79,759,686</b>	<b>78,664,480</b>	<b>78,597,260</b>	<b>78,050,372</b>
				<b>83,811,937</b>
				<b>80,337,490</b>
				<b>85,649,000</b>

**BUDGET AUTHORITY FOR ITEMS COVERED BY DEFENSE AUTHORIZATION BILL**

Table 3-4 (Continued)

(\$ Thousands)

	<u>Authorized</u>	<u>FY 1986</u>	<u>Appropriated</u>	<u>Authorized</u>	<u>FY 1987</u>	<u>Appropriated</u>	<u>Authorized</u>	<u>FY 1988</u>	<u>Appropriated</u>	<u>Amended</u> <u>FY 1989</u>	<u>Request</u>
<b>Title IV - Working Capital Funds</b>											
Army Stock Fund	393,000	393,000		230,138		110,100		215,057		193,207	
Navy Stock Fund	638,500	638,500		379,570		352,570		346,700		329,400	
Marine Corps Stock Fund	37,700	37,700		31,233		822		-		-	
Air Force Stock Fund	415,900	415,900		200,410		139,980		259,707		226,007	
Defense Stock Fund	174,500	149,700		66,949		47,200		159,750		132,600	
ADP Management Fund	-	100,000		-		-		-		30,000	
<b>Total Title IV - Working Capital Funds</b>	<b>1,659,600</b>	<b>1,734,800</b>		<b>908,300</b>		<b>650,672</b>		<b>981,214</b>		<b>763,500</b>	
<b>Other Authorized Accounts</b>											
Procurement Tech Assist	5,000	-		-		-		-		-	
Walsh-Healy	-416,000	-		-		-		-		-	
Special Foreign Currency	2,100	2,100		3,500		3,500		-		-	
<b>Total DoD Authorization Bill</b>	<b>218,832,000</b>	<b>213,101,031</b>		<b>200,789,739</b>		<b>199,490,090</b>		<b>205,080,054</b>		<b>202,666,912</b>	<b>204,579,500</b>
<b>Other Legislation</b>											
Defense Production Act Purchases	59,000	31,000		30,000		13,000		30,800		13,000	27,500

**NOTE:S:** (1) O&M Authorization Request submitted by appropriation beginning in FY 1984.

(2) Working Capital Funds subject to authorization beginning in FY 1985.

(3) Defense Production Act Purchases not included in DoD Authorization Bill; authorized separately by the Banking Committee.

**RECONCILIATION of AUTHORIZATION to TOTAL DoD BUDGET AUTHORITY**  
**Table 3-5**  
(\$ Thousands)

	Amended FY 1989
<b>Operation &amp; Maintenance</b>	
Procurement	83,811,937
R D T & E	79,775,678
Revolving & Management Funds	40,511,225
<b>DoD Authorization</b>	<b>981,214</b>
	<b>205,080,054</b>
<b>Military Construction</b>	<b>204,579,500</b>
Family Housing	5,223,524
<b>MilCon Authorization</b>	<b>8,448,479</b>
<b>TOTAL AUTHORIZED</b>	<b>213,528,533</b>
<b>Military Personnel a/</b>	<b>76,145,179</b>
<b>MilCon/FamHsg b/</b>	<b>54,643</b>
<b>Defense Production Act Purchases c/</b>	<b>13,000</b>
Contingencies d/	-
Offsetting Receipts (Net)	-725,800
<b>BUDGET AUTHORITY NOT AUTHORIZED</b>	<b>75,487,022</b>
<b>TOTAL DoD BUDGET AUTHORITY</b>	<b>283,159,143</b>
	<b>290,784,000</b>

a/ Military end strengths are authorized but not amounts.

b/ Authorized for appropriation in prior years and advance appropriation.

c/ Subject to authorization by Banking Committee; not included in Defense Authorization Bill.

d/ Proposed legislation: Military initiatives and Davis-Bacon Reform Legislation.

## CHAPTER 4 CHRONOLOGIES

The matter of chronologies has assumed much greater importance because of the scorekeeping provisions of the Congressional Budget and Impoundment Act.

Table 4-1 provides a chronology of National Defense budget authority for FY 1987, beginning with the February 1986 estimate. Congressional actions, supplemental requests, and other changes in calendar year 1986 are shown to arrive at the FY 1987 column of the FY 1988/FY 1989 budget. Congressional action on the supplemental and other changes in calendar year 1987 are shown to arrive at the final FY 1987 column of the Amended FY 1989 budget.

Table 4-2 provides the same chronology for FY 1987 outlays.

Table 4-3 provides a chronology of National Defense budget authority for the FY 1988 column of the FY 1988/FY 1989 biennial budget estimates submitted to Congress in January 1987. Congressional action and other changes in calendar year 1987 are reflected to arrive at the FY 1988 column of the Amended FY 1989 budget.

Table 4-4 provides the same chronology for FY 1988 outlays.

Table 4-5 provides a chronology of National Defense budget authority for the FY 1989 column of the FY 1988/FY 1989 biennial budget estimates submitted to Congress in January 1987. The Amended FY 1989 budget column, submitted in February 1988, reflects reductions made as a result of the Budget Summit Agreement between the Congress and this Administration.

Table 4-6 provides the same chronology for FY 1989 outlays.

Table 4-7 provides a detailed chronology of Department of Defense Total Obligational Authority (TOA), Budget Authority (BA), Appropriations and Outlays for FY 1987 beginning with the initial estimates through final data.

Table 4-8 provides comparable data for FY 1988.

Table 4-9 provides comparable data for the Amended FY 1989 budget estimates.

**Table 4-1**  
**NATIONAL DEFENSE BUDGET AUTHORITY, FY 1987**  
(\$ Millions)

	February 1986 Estimate	CY 1986			CY 1987		
		Congres- sional Action	Other Changes	Supple- mental Request	FY 1987 Col- of FY 1988/ FY 1989 Budget	Sup Cong. Action & Other Changes	FY 1987 Col- of Amended FY 1989 Budget
<b>Submitted for Congressional Action:</b>							
Defense Appropriation Act	299,038	-26,701	1,800	3,114	277,251	-4,993	272,257
Military Construction	10,139	-1,894	2	256	8,503	-334	8,169
Energy Activities (AEDA)	8,230	-752	0	0	7,478	0	7,478
Funds Approp. to Pres. (CA Assist)	0	0	0	0	0	0	0
HUD-Independ. Agencies	332	0	0	0	332	0	332
Treasury, Postal, etc.	29	10	-1	0	38	-38	0
Dept. of Transp: Maritime Admin.	0	0	0	0	0	0	0
<b>Total Submitted</b>	<b>317,768</b>	<b>-29,337</b>	<b>1,801</b>	<b>3,370</b>	<b>293,602</b>	<b>-5,365</b>	<b>288,236</b>
DoD Included Above	309,028	-28,594	1,802	3,370	285,606	-5,327	280,278
<b>Contingencies:</b>							
Military & Civilian Pay Raises	3,328	-1,417	-1,911	0	0	0	0
Other Legislation	-77	77	0	0	0	0	0
<b>Total Contingencies (DoD)</b>	<b>3,251</b>	<b>-1,340</b>	<b>-1,911</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Trust Funds, Receipts, Etc. (Net DoD)	-679	0	4	0	-675	-134	-809
<b>Total, National Defense</b>	<b>320,340</b>	<b>-30,677</b>	<b>-106</b>	<b>3,370</b>	<b>292,927</b>	<b>-5,499</b>	<b>287,427</b>
DoD Included Above	311,600	-29,934	-105	3,370	284,931	-5,461	279,469

**Table 4-2**  
**NATIONAL DEFENSE OUTLAYS, FY 1987**  
 (\$ Millions)

	CY 1986			CY 1987		
	February 1986 Estimate	Congres- sional Action	Other Changes	Supple- mental Request	FY 1987 Col- of FY 1988/ FY 1989 Budget	Sup Cong Action & Other Changes
<u><b>Submitted for Congressional Action:</b></u>						
Defense Appropriation Act	264,745	- 11,182	11,994	1,731	267,288	- 1,096
Military Construction	7,084	- 326	942	19	7,719	1,041
Energy Activities (AEDA)	7,708	- 268	0	0	7,440	11
Funds Approp. to Pres. (CA Assist)	0	100	0	0	100	- 2
HUD-Independent Agencies	300	0	34	0	334	- 20
Treasury, Postal, etc.	- 191	0	188	0	- 3	3
Dept. of Transp: Maritime Admin.	0	0	0	0	0	0
<b>Total Submitted</b>	<b>279,646</b>	<b>- 11,676</b>	<b>13,158</b>	<b>1,750</b>	<b>282,878</b>	<b>- 63</b>
DoD Included Above	271,673	- 11,508	12,918	1,750	274,833	- 52
<u><b>Contingencies:</b></u>						
Military & Civilian Pay Raises	3,272	- 1,350	- 1,922	0	0	0
Other Legislation	- 2	2	0	0	0	0
<b>Total Contingencies (DoD)</b>	<b>3,270</b>	<b>- 1,348</b>	<b>- 1,922</b>	<b>0</b>	<b>0</b>	<b>0</b>
Trust Funds, Receipts, Etc. (Net DoD)	- 677	0	45	0	- 632	- 183
<b>Total, National Defense</b>	<b>282,239</b>	<b>- 13,024</b>	<b>11,281</b>	<b>1,750</b>	<b>282,246</b>	<b>- 247</b>
						282,000
						815

**Table 4-3**  
**NATIONAL DEFENSE BUDGET AUTHORITY, FY 1988**  
 (\$ Millions)

	<u>CY 1987</u>		<u>CY 1988</u>		
	<u>January 1987 Estimate</u>	<u>Congres- sional Action</u>	<u>Other Changes</u>		<u>FY 1988 Col- of Amended FY 1989 Budget</u>
<b><u>Submitted for Congressional Action:</u></b>					
Defense Appropriation Act					
Military Construction	291,417	- 13,267	- 2,610		275,540
Energy Activities (AEDA)	10,076	- 1,417	- 156		8,503
Funds Approp. to Pres. (CA Assist)	8,050	- 752	451		7,749
HUD-Independ. Agencies	105	0	- 98		7
Treasury, Postal, etc.	359	- 17	0		342
Dept. of Transp: Maritime Admin.	0	0	0		0
<b>Total Submitted</b>	<b>310,007</b>	<b>- 15,453</b>	<b>- 2,413</b>		<b>292,141</b>
DoD Included Above	301,334	- 14,683	- 2,766		283,885
<b><u>Contingencies:</u></b>					
Military & Civilian Pay Raises					
Other Legislation	2,513	- 1,638	- 875		0
Total Contingencies (DoD)	174	- 174	0		0
	<b>2,687</b>	<b>- 1,812</b>	<b>- 875</b>		<b>0</b>
Trust Funds, Receipts, Etc. (Net DoD)	- 726	0	0		- 726
Total, National Defense	<b>311,968</b>	<b>- 17,265</b>	<b>- 3,288</b>		<b>291,415</b>
DoD Included Above	303,295	- 16,495	- 3,641		283,159

**Table 4-4**  
**NATIONAL DEFENSE OUTLAYS, FY 1988**  
(\$ Millions)

	<u>CY1987</u>			<u>FY 1988 Col of Amended FY 1989 Budget</u>		
	<u>January 1987 Estimate</u>	<u>Congres- sional Action</u>	<u>Other Changes</u>			
<u><b>Submitted for Congressional Action:</b></u>						
Defense Appropriation Act	279,432	- 9,421	-	306	269,705	
Military Construction	8,198	- 210		453	8,441	
Energy Activities (AEDA)	7,817	- 752	157	566	7,631	
Funds Approp. to Pres. (CA Assist)	105	0		85	20	
HUD-Independ. Agencies	313	- 17		38	334	
Treasury, Postal, etc.	- 149	0		149	0	
Dept. of Transp: Maritime Admin.	0	0		0	0	
<b>Total Submitted</b>	<b>295,716</b>	<b>- 10,400</b>		<b>815</b>	<b>286,131</b>	
DoD Included Above	287,466	- 9,630	146	277,982		
<u><b>Contingencies:</b></u>						
Military & Civilian Pay Raises	2,475	- 1,611	-	864	0	
Other Legislation	57	- 57		0	0	
<b>Total Contingencies (DoD)</b>	<b>2,532</b>	<b>- 1,668</b>		<b>864</b>	<b>0</b>	
Trust Funds, Receipts, Etc. (Net DoD)	- 698	0		0	- 707	
<b>Total, National Defense</b>	<b>297,550</b>	<b>- 12,068</b>		<b>58</b>	<b>285,424</b>	
DoD Included Above	289,300	- 11,298	- 727		277,275	

**Table 4-5**  
**NATIONAL DEFENSE BUDGET AUTHORITY, FY 1989**  
(\$ Millions)

	<u>CY 1987</u>		<u>FY 1989 Col of Amended FY 1989 Budget</u>
	January 1987 Estimate		Summit Agreement Reductions
<b><u>Submitted for Congressional Action:</u></b>			
Defense Appropriation Act	306,806	- 23,631	283,175
Military Construction	10,564	- 1,549	9,015
Energy Activities (AEDA)	8,500	- 400	8,100
Funds Approp. to Pres. (CA Assist)	110	- 110	0
HUD-Independ. Agencies	294	72	366
Treasury, Postal, etc.	0	0	0
Dept. of Transp: Maritime Admin.	0	111	111
<b>Total Submitted</b>	<b>326,274</b>	<b>- 25,507</b>	<b>300,767</b>
DoD Included Above	317,200	- 25,179	292,021
<b><u>Contingencies:</u></b>			
Military & Civilian Pay Raises	6,346	- 6,346	0
Other Legislation	485	- 670	- 185
Davis-Bacon Reform Legislation	0	- 310	- 310
<b>Total Contingencies (DoD)</b>	<b>6,831</b>	<b>- 7,326</b>	<b>- 495</b>
<b>Trust Funds, Receipts, Etc. (Net DoD)</b>	<b>- 742</b>	<b>0</b>	<b>- 742</b>
<b>Total, National Defense</b>	<b>332,363</b>	<b>- 32,833</b>	<b>299,530</b>
<b>DoD Included Above</b>	<b>323,289</b>	<b>- 32,505</b>	<b>290,784</b>

**Table 4-6**  
**NATIONAL DEFENSE OUTLAYS, FY 1989**  
(\$ Millions)

	<u>CY 1987</u>			<u>CY 1988</u>			<u>FY 1989 Col of Amended FY1989 Budget</u>		
	<u>January 1987 Estimate</u>	<u>Budget Summit Agreement Reductions</u>	<u>9,004</u>	<u>- 11,423</u>	<u>277,665</u>	<u>8,897</u>	<u>8,945</u>	<u>7,945</u>	<u>0</u>
<b>Submitted for Congressional Action:</b>									
Defense Appropriation Act	289,088	- 11,423	277,665						
Military Construction	9,004	- 107	8,897						
Energy Activities (AEDA)	8,290	- 345	7,945						
Funds Approp. to Pres. (CA Assist)	110	- 110	0						
HUD-Independ. Agencies	273	78	351						
Treasury, Postal, etc.	- 348	348	0						
Dept. of Transp: Maritime Admin.	0	53	53						
<b>Total Submitted</b>	<b>306,417</b>	<b>- 11,506</b>	<b>294,911</b>						
DoD Included Above	297,920	- 11,529	286,391						
<b>Contingencies:</b>									
Military & Civilian Pay Raises	6,288	- 6,288	0						
Other Legislation	221	- 188	33						
Davis-Bacon Reform Legislation	0	- 196	- 196						
<b>Total Contingencies (DoD)</b>	<b>6,509</b>	<b>- 6,672</b>	<b>- 163</b>						
Trust Funds, Receipts, Etc. (Net DoD)	- 728	1	- 727						
<b>Total, National Defense</b>	<b>312,198</b>	<b>- 18,177</b>	<b>294,021</b>						
DoD Included Above	303,701	- 18,200	285,501						

**Table 4-7**  
**CHRONOLOGY OF FY 1987 ESTIMATES**  
 (\$ Thousands)

		Total for		Contin- gencies		Net Receipts		DoD Grand Total	
	MilCon & FamHsg	Congressional Action		Subtotal					
<u>DoD Appn Bill</u>									
TOA	298,883,400	10,157,200	309,040,600	3,250,500	312,291,100	0	312,291,100		
BA	298,889,400	10,139,200	309,028,600	3,250,500	312,279,100	- 679,100	311,600,000		
Appn	298,883,400	10,160,368	309,043,768	3,250,500	312,294,268	0	312,294,268		
Outlays	264,588,100	7,083,600	271,671,700	3,270,200	274,941,900	- 676,900	274,265,000		
 Congressional Action (including Omnibus Drug Supplemental)	 TOA	- 26,699,932	- 1,894,526	- 28,594,458	- 1,339,500	- 29,933,958	0	- 29,933,958	
	BA	- 26,699,932	- 1,894,526	- 28,594,458	- 1,339,500	- 29,933,958	0	- 29,933,958	
	Appn	- 26,699,932	- 1,894,526	- 28,594,458	- 1,339,500	- 29,933,958	0	- 29,933,958	
	Outlays	- 11,182,164	- 325,950	- 11,508,114	- 1,347,600	- 12,855,714	0	- 12,855,714	
 Status After Congressional Action	 TOA	272,183,468	8,262,674	280,446,142	1,911,000	282,357,142	0	282,357,142	
	BA	272,189,468	8,244,674	280,434,142	1,911,000	282,345,142	- 679,100	281,666,042	
	Appn	272,183,468	8,265,842	280,449,310	1,911,000	282,360,310	0	282,360,310	
	Outlays	253,405,936	6,757,650	260,163,586	1,922,600	262,086,186	- 676,900	261,409,286	
 Other Changes in CY 1986	 TOA	2,444,691	24,140	2,468,831	- 1,911,000	557,831	0	557,831	
	BA	1,799,999	2,240	1,802,239	- 1,911,000	- 108,761	4,000	- 104,761	
	Appn	1,911,000	0	1,911,000	- 1,911,000	0	0	0	
	Outlays	11,976,580	942,247	12,918,827	- 1,922,600	10,996,227	44,700	11,040,927	
 FY 1987 Supplemental Request (January 1987)	 TOA	3,113,385	256,503	3,369,888	0	3,369,888	0	3,369,888	
	BA	3,113,385	256,503	3,369,888	0	3,369,888	0	3,369,888	
	Appn	3,113,385	256,503	3,369,888	0	3,369,888	0	3,369,888	
	Outlays	1,730,784	19,003	1,749,787	0	1,749,787	0	1,749,787	
 FY 1987 Estimate in FY 1988/ FY 1989 Budget (January 1987)	 TOA	277,741,544	8,543,317	286,284,861	0	286,284,861	0	286,284,861	
	BA	277,102,852	8,503,417	285,606,269	0	285,606,269	- 675,100	284,931,169	
	Appn	277,207,853	8,522,345	285,730,198	0	285,730,198	0	285,730,198	
	Outlays	267,113,300	7,718,900	274,832,200	0	274,832,200	- 632,200	274,200,000	

**Table 4-7 [Continued]**  
**CHRONOLOGY OF FY 1987 ESTIMATES**  
(\$ Thousands)

				Total for MilCon & FamHsg	Congressional Action	Conti- guencies	Subtotal	Net Receipts	DoD Grand Total
Congressional	TOA	- 1,795,100	- 250,143	- 2,045,243	0	- 2,045,243	0	0	- 2,045,243
Action on	BA	- 1,795,100	- 250,143	- 2,045,243	0	- 2,045,243	0	0	- 2,045,243
FY 1987	Appn	- 1,795,100	- 250,143	- 2,045,243	0	- 2,045,243	0	0	- 2,045,243
Supplemental	Outlays	- 604,183	- 12,514	- 616,697	0	- 616,697	0	0	- 616,697
Rescissions of	TOA	0	0	0	0	0	0	0	0
Unobligated	BA	- 5,215,877	- 86,900	- 5,302,777	0	- 5,302,777	0	0	- 5,302,777
Balances (OMB	Appn	0	0	0	0	0	0	0	0
Directed)	Outlays	0	0	0	0	0	0	0	0
Other Changes	TOA	- 885,222	121,081	- 764,141	0	- 764,141	0	- 764,141	35.
in CY 1987	BA	2,017,815	2,359	2,020,174	0	2,020,174	- 134,171	1,886,003	
	Appn	39,966	0	39,966	0	39,966	0	39,966	
	Outlays	- 487,780	1,053,832	566,052	0	566,052	- 183,320	382,732	
FY 1987 Final	TOA	275,061,222	8,414,255	283,475,477	0	283,475,477	0	283,475,477	
in FY 1989	BA	272,109,690	8,168,733	280,278,423	0	280,278,423	- 809,271	279,469,152	
Amended Budget	Appn	275,452,719	8,272,202	283,724,921	0	283,724,921	0	283,724,921	
(February 1988)	Outlays	266,021,337	8,760,218	274,781,555	0	274,781,555	- 815,520	273,966,035	

CHRONOLOGY OF FY 1987 ESTIMATES (\$ Thousands)  
BA 1988 Budget  
FY 1988 Bill  
Major Changes  
Major Confusion  
Top Ten

(\$ Thousands)  
CHRONOLOGY OF FY 1987 ESTIMATES  
Lapses & Re-

**Table 4-8**  
**CHRONOLOGY OF FY 1988 ESTIMATES**  
(\$ Thousands)

			Total for MilCon & <u>FamHsg</u>	Congressional <u>Action</u>	Contin- gencies	Subtotal	Net Receipts	DoD Grand Total
<u>FY 1988 Budget</u>	<u>TOA</u>	291,258,116	10,115,257	301,373,373	2,686,727	304,060,100	0	304,060,100
(January 1987)	<u>BA</u>	291,258,116	10,075,957	301,334,073	2,686,727	304,020,800	- 725,800	303,295,000
	<u>Appn</u>	291,258,116	9,857,937	301,116,053	2,686,727	303,802,780	0	303,802,780
	<u>Outlays</u>	279,267,500	8,197,800	287,465,300	2,532,600	289,997,900	- 697,900	289,300,000
 Congressional Action (December 1987)	 TOA	- 13,265,725	- 1,416,757	- 14,682,482	- 1,811,727	- 16,494,209	0	- 16,494,209
	 BA	- 13,265,725	- 1,416,757	- 14,682,482	- 1,811,727	- 16,494,209	0	- 16,494,209
	 Appn	- 13,265,725	- 1,416,757	- 14,682,482	- 1,811,727	- 16,494,209	0	- 16,494,209
	 Outlays	- 9,418,962	- 210,134	- 9,629,096	- 1,667,562	- 11,296,658	0	- 11,296,658
 Status after Congressional Action (December 1987)	 TOA	277,992,391	8,698,500	286,690,891	875,000	287,565,891	0	287,565,891
	 BA	277,992,391	8,659,200	286,651,591	875,000	287,526,591	- 725,800	286,800,791
	 Appn	277,992,391	8,441,180	286,433,571	875,000	287,308,571	0	287,308,571
	 Outlays	269,848,538	7,987,666	277,836,204	865,038	278,701,242	- 697,900	278,003,342
 Rescissions of Unobligated Balances (OMB Directed)	 TOA	0	0	0	0	0	0	0
	 BA	- 3,531,030	- 156,200	- 3,687,230	0	- 3,687,230	0	- 3,687,230
	 Appn	- 3,531,030	- 156,200	- 3,687,230	0	- 3,687,230	0	- 3,687,230
	 Outlays	- 1,116,480	- 32,692	- 1,149,172	0	- 1,149,172	0	- 1,149,172
 Other Changes ("Transfers, Reapprns, etc.)	 TOA	2,111,412	222,958	2,334,370	875,000	1,459,370	0	1,459,370
	 BA	920,460	122	920,582	875,000	45,582	0	45,582
	 Appn	120,000	220,924	340,924	875,000	- 534,076	0	- 534,076
	 Outlays	809,342	486,026	1,295,368	- 865,038	430,330	- 9,500	420,830
 FY 1988 Column	 TOA	280,103,803	8,921,458	289,025,261	0	289,025,261	0	289,025,261
 FY 1989 Budget (February 1988)	 BA	275,381,821	8,503,122	283,884,943	0	283,884,943	- 725,800	283,159,143
	 Appn	274,581,361	8,505,904	283,087,265	0	283,087,265	0	283,087,265

**Table 4-9**  
**CHRONOLOGY OF FY 1989 ESTIMATES**  
(\$Thousands)

		MilCon & FamHsg	Congressional Action	Total for Contin-gencies	Subtotal	Net Receipts	DoD Grand Total
FY 1989 Budget (January 1987)	DoD Appn Bill				324,072,000	0	324,072,000
TOA	306,636,418	10,604,085	317,240,503	6,831,497			
BA	306,636,418	10,563,985	317,200,403	6,831,497	324,031,900	- 741,900	323,290,000
Appn	306,636,418	10,347,550	316,983,968	6,831,497	323,815,465	0	323,815,465
Outlays	288,916,100	9,003,600	297,919,700	6,508,400	304,428,100	- 728,100	303,700,000
Budget Summit Agreement Action	TOA	- 23,630,118	- 1,599,085	- 25,229,203	- 7,326,797	- 32,556,000	0
	BA	- 23,630,118	- 1,549,085	- 25,179,203	- 7,326,797	- 32,506,000	0
	Appn	- 23,630,118	- 1,549,085	- 25,179,203	- 7,326,797	- 32,506,000	0
	Outlays	- 11,422,500	- 106,700	- 11,529,200	- 6,671,800	- 18,201,000	- 18,200,000
FY 1989 Amended Budget (February 1988)	TOA	283,006,300	9,005,000	292,011,300	495,300	291,516,000	0
	BA	283,006,300	9,014,900	292,021,200	495,300	291,525,900	- 741,900
	Appn	283,006,300	8,798,465	291,804,765	495,300	291,309,465	0
	Outlays	277,493,600	8,896,900	286,390,500	163,400	286,227,100	- 727,100

affected by the relative mix of the items considered, and the change of that mix over time.

#### 4. Annual Rate of Change in Prices

The Annual Rate of Change measures the year-to-year change in prices, computed by dividing one year's aggregate price by the preceding year's aggregate price.

#### 5. Index

The Index is a time series which measures the change in prices from a fixed point in time, and is calculated by setting the base year equal to one, and then multiplying the index value of each year by one plus the annual rate of change of the next year.

#### 6. Current Dollars

An item or service is priced in Current Dollars if the prices contain all inflationary increases expected to occur in a program over the duration of the spendout of an appropriation. Current dollars are also called "then year" dollars, "budget" dollars or "fully inflated" dollars.

#### 7. Constant Dollars

Constant Dollars measure the value of purchased goods and services at price levels which are the same as the base or reference year. Constant dollars do not contain any adjustments for inflationary changes that have occurred or are forecast to occur outside the base year.

#### 8. Real Growth

Real Program Growth - the year-to-year change in constant dollars - is usually expressed as a percentage, and is computed by dividing the constant dollars for one year by the constant dollars of the previous year and subtracting one. Real growth always implies a relationship between two or more time periods.

#### 9. Spendout Rates

Spendout Rates (also called outlay or expenditure rates) are the expected cash flow for a given appropriation expressed as the percent expected to be spent in a given year. These rates are appropriation unique and range from two years in the pay accounts to as much as ten years in ship construction.

#### 10. Outlays Index

An Outlay Index measures the impact of changes in inflation on outlays; is used to convert outlays from current to constant dollars; is used to compute the amount of inflation to be added

to a base price; and is used to reprice estimates when inflation assumptions are revised. An index for outlays is calculated by compounding annual rates from any base year.

### **11. TOA Index**

A TOA Index measures the impact of changes in inflation on TOA, given a specific fiscal year and phasing of work performed (or outlays), and is usually developed using the standard outlay rates for an appropriation. The TOA index measures the budgeted change of inflation from a fixed point.

## **II. TABLES**

Table 5-1 Provides inflation indices for the principal economy-wide measures from 1945-1992, in base year FY 1989. These indices are provided for a comparison of DoD inflation with inflation in the general economy.

Table 5-2 Provides pay and inflation assumptions used in the Amended FY 1988/FY 1989 budget for DoD outlays. The FY 1987 rates are actual rates, and the rates for FY 1988-1992 are based on OMB guidance projected at the GNP rate. Fuel rates are projected separately with the actual rates based on the change in the cost per gallon paid by the stock fund and outyear forecasts based on the Administration estimates of RAC costs. Inflation estimates for all other purchases is in line with the GNP deflator. The composite pay deflator reflects adjustments made to treat the additional cost of FERS as a price increase rather than as a program increase.

Table 5-3 Provides pay and inflation assumptions used in the Amended FY 1988/FY 1989 budget for DoD BA. The pay raises are annual rates and the same as Table 5-2. The purchases rates are based on the annual outlay rates in Table 5-2 converted to BA using the spendout profiles from the FY 1988-FY 1992 PPI.

Table 5-4 Provides inflation indices in base year FY 1989 for each DoD appropriation title to be used in converting TOA from current to constant FY 1989 dollars.

Table 5-5 Provides inflation indices in base year FY 1989 to be used in converting pay and purchases TOA from current to constant FY 1989 dollars.

Table 5-6 Provides inflation indices in base year FY 1989 for each DoD appropriation title to be used in converting BA from current to constant FY 1989 dollars.

Table 5-7 Provides inflation indices in base year FY 1989 to be used in converting pay and purchases BA from current to constant FY 1989 dollars.

Table 5-2  
PAY AND INFLATION RATE ASSUMPTIONS - OUTLAYS

CATEGORY	FY 87	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93
<b>PAY</b>							
MILITARY PAY RAISE *	3.0	2.0	4.3	4.6	4.5	4.2	4.2
CIVILIAN PAY RAISE *	3.0	2.0	2.0	3.0	3.0	3.0	3.0
COMPOSITE PAY DEFULATOR **	2.7	4.9	3.3	4.0	4.0	3.8	3.8
<b>PURCHASES</b>							
FUEL	-26.7	12.3	3.9	3.7	4.3	5.5	5.3
OTHER PURCHASES	2.7	3.7	3.8	3.6	3.3	2.8	2.3
COMPOSITE OUTLAYS	2.4	4.4	3.6	3.8	3.5	3.2	3.2

44.

\* All pay raises effective 1 January.

\*\* Deflators in FY 1987 and FY 1988 were adjusted to treat the increased costs to the Department for the new Federal Employees Retirement System (FERS) as a price change and not as a program increase and reflect the revised formula for accrual computation in the Reserve Personnel and National Guard accounts.

**Table 5-3**  
**PAY AND INFLATION RATE ASSUMPTIONS - BUDGET AUTHORITY**

CATEGORY	PAY AND INFLATION RATE ASSUMPTIONS - BUDGET AUTHORITY				
	FY 87	FY 88	FY 89	FY 90	FY 91
<b>PAY *</b>					
MILITARY	3.0	2.0	4.3	4.6	4.5
CIVILIAN	3.0	2.0	2.0	3.0	3.0
<b>PURCHASES</b>					
FUEL	-26.7	12.3	3.9	3.7	4.3
OTHER PURCHASES	3.3	3.6	3.5	3.2	2.8
COMPOSITE BA	2.8	4.4	3.4	3.5	3.2
					2.9

\* All pay raises effective 1 January.

**Table 5-4**  
**DEPARTMENT of DEFENSE DEFFLATORS - TOA**  
 (Deflators = Current/Constant)

MIL PERS	RETIRED PAY	O+M	PROC	RDTE	MIL CON	FAMILY HOUS	SPECIAL FUND	R+M FUNDS	DEDUCT OFFSET	TRUST + REV	INTRA GOVT	GRAND TOTAL
1945	9.36	6.92	10.99	13.77	12.70	15.10						11.50
1946	9.49	8.10	11.32	14.67	13.80	16.98						11.01
1947	11.55	10.60	11.73	15.78	14.96	18.78						12.34
1948	11.48	11.24	11.99	16.49	16.22	19.41						12.86
1949	11.47	11.30	12.00	17.05	18.60	19.77						13.33
1950	12.73	10.83	13.45	17.82	17.85	20.44						14.37
1951	13.62	17.47	16.80	18.96	18.31	20.49						17.14
1952	13.27	17.11	16.48	18.39	18.83	20.36						16.74
1953	14.16	17.39	16.52	18.43	18.95	20.59						16.41
1954	13.90	16.23	15.29	18.46	19.54	21.37						15.77
1955	14.31	17.22	16.04	20.05	20.75	22.60						16.92
1956	15.02	18.40	17.20	20.22	22.38	23.50						17.99
1957	14.93	19.12	18.09	20.74	23.65	24.01						18.47
1958	15.88	19.29	19.58	20.61	24.12	24.25						19.22
1959	16.90	20.63	20.38	20.61	24.68	24.41						19.92
1960	17.11	20.47	20.79	20.90	24.94	24.52						20.17
1961	17.30	20.40	21.79	20.70	25.33	24.59						20.54
1962	17.12	20.42	22.11	21.31	24.75	25.25						20.70
1963	17.28	20.26	22.51	21.60	25.50	25.26						21.06
1964	18.64	21.08	23.10	22.44	25.78	25.69						21.88
1965	19.37	21.44	24.06	23.25	26.40	26.60						22.60
1966	21.23	22.41	25.09	25.17	27.32	27.78						24.31
1967	22.39	23.23	26.28	26.09	28.27	28.58						25.24
1968	23.47	24.01	27.23	27.60	29.21	29.66						26.35
1969	24.94	25.29	28.43	28.96	30.35	30.83						27.62
1970	28.01	27.19	30.52	29.79	31.95	32.43						29.56
1971	30.05	30.08	32.38	33.55	33.55	34.22						31.46
1972	34.34	32.02	34.48	33.57	35.24	36.36						34.19
1973	38.29	34.03	36.65	36.79	37.31	39.29						37.12
1974	40.94	37.32	40.82	38.90	40.93	43.45						40.25
1975	43.63	42.58	45.39	42.21	45.17	46.95						44.01
1976	45.90	47.28	48.80	45.41	48.50	50.50						47.12
1977	48.47	50.08	52.91	50.48	52.69	55.25						50.96
1978	51.78	53.84	57.06	55.51	57.01	60.17						55.12
1979	54.98	58.29	61.91	61.36	62.38	65.96						59.85
1980	59.12	65.34	71.79	67.75	68.77	71.16						66.82
1981	68.03	72.66	78.84	73.64	74.70	75.56						73.99
1982	77.62	77.43	82.84	78.41	78.89	78.91						79.51
1983	80.33	81.92	84.47	82.09	81.82	81.67						82.36
1984	84.13	84.70	85.70	84.84	84.81	84.44						84.93
1985	90.03		87.69	87.45	87.41	87.07						88.14
1986	92.69		87.95	90.30	89.77	89.67						90.16
1987	93.97		90.66	93.50	92.76	93.00						92.68
1988	96.95		96.51	96.84	96.48	96.73						96.72
1989	100.00		100.00	100.00	100.00	100.00						100.00
1990	104.42		103.39	102.93	103.38	103.03						103.47
1991	108.92		106.69	105.58	106.49	105.81						106.77
1992	113.26		109.84	108.44	108.07	109.23						109.87

**Table 5-5**  
**DEPARTMENT of DEFENSE DEFLATATORS - TOA**  
 (Deflators = Current/Constant)

	CIV PAY	MIL PAY	OTHER MIL PERS	TOTAL PAY			O+M PAY			FH & MILCON PAY			TOTAL PAY			
				RET PAY	MIL PAY	ALLOW	+ALLOW	-RTPAY	FUEL	PROC EXCL PAY	EXCL PAY	NON PAY	FUEL	MAJCOM FUEL	NON PAY	TOTAL PAY
1945	8.21	8.52	15.01	6.92	9.11	9.12	13.98	12.80	14.93	12.17	13.92	15.27	13.71	14.26	13.72	11.50
1946	8.71	8.58	16.56	8.10	9.31	9.31	15.10	14.58	17.20	13.12	15.70	15.08	15.78	15.08	11.01	11.01
1947	9.49	10.71	16.67	10.60	10.77	10.77	17.93	16.82	18.93	13.62	18.17	19.02	16.97	17.80	17.02	12.34
1948	9.69	10.65	17.12	11.24	10.76	10.76	20.58	17.66	19.75	16.70	19.88	19.78	17.42	18.73	17.55	12.86
1949	10.44	10.65	17.33	11.30	11.07	11.07	21.84	18.45	20.17	15.85	20.40	20.07	18.08	19.38	18.22	13.33
1950	10.86	12.05	18.10	10.83	11.99	12.02	21.24	19.18	20.68	16.76	20.81	20.72	18.64	20.07	18.74	14.37
1951	10.62	12.70	19.66	17.47	12.74	12.64	23.27	20.26	20.80	16.60	21.48	20.69	19.50	20.65	19.62	17.14
1952	11.35	12.56	18.98	17.11	12.70	12.63	22.46	19.96	20.86	16.39	21.88	20.07	19.07	20.59	19.15	16.73
1953	11.70	13.41	19.34	17.39	13.35	13.29	22.77	19.81	21.20	17.57	21.31	21.21	19.42	20.69	19.49	16.41
1954	12.33	13.27	18.80	16.23	13.41	13.36	22.33	19.87	22.11	17.71	21.77	22.22	20.04	21.14	20.15	15.76
1955	13.17	13.59	19.64	17.22	17.99	13.92	23.80	20.85	23.23	17.26	22.98	23.22	21.18	22.57	21.30	16.92
1956	14.12	14.12	20.70	18.40	14.79	14.79	24.77	21.77	24.27	18.46	24.18	24.27	21.60	23.56	21.73	17.98
1957	14.74	14.06	21.63	19.12	14.96	14.86	26.66	22.87	24.89	18.57	25.22	24.73	22.26	24.45	22.47	18.47
1958	16.63	14.74	24.42	19.29	16.22	16.14	26.97	23.13	25.17	18.66	26.60	25.06	22.07	24.68	22.28	19.22
1959	17.75	15.77	25.12	20.63	17.29	17.19	27.61	23.31	25.34	18.43	25.85	25.13	22.29	24.94	22.52	19.92
1960	18.28	15.95	25.27	20.47	17.61	17.51	27.39	23.42	25.41	18.59	25.93	25.30	22.71	24.99	22.90	20.17
1961	19.71	16.08	25.47	20.40	18.20	18.11	27.94	23.57	25.41	18.55	26.07	25.37	22.46	25.13	22.65	20.54
1962	20.20	15.95	25.27	20.42	18.22	18.13	27.61	23.60	25.45	18.59	26.95	25.62	22.74	25.12	23.92	20.71
1963	20.96	16.10	25.27	20.26	18.59	18.51	27.69	23.66	25.69	19.12	26.98	25.83	23.07	25.32	21.06	21.08
1964	21.89	17.50	26.36	21.08	19.79	19.71	27.80	23.85	26.18	20.01	26.34	26.28	23.70	25.64	23.84	21.88
1965	23.24	18.18	27.64	21.44	20.69	20.64	28.11	24.34	26.96	20.79	26.93	26.98	24.38	26.17	24.52	22.64
1966	24.11	19.67	30.15	22.41	22.19	22.19	29.04	25.49	27.89	22.21	27.86	27.93	25.85	27.24	25.94	24.31
1967	25.10	20.61	31.73	23.23	23.26	23.26	30.08	26.75	28.86	23.00	28.83	28.00	28.83	28.77	26.87	25.30
1968	26.00	21.58	32.77	24.01	24.27	24.27	31.11	27.73	29.89	24.71	29.80	29.93	28.09	29.13	28.21	26.35
1969	27.68	23.28	33.44	25.29	25.79	25.83	32.09	28.50	31.07	25.99	30.88	31.12	29.23	30.09	29.34	27.62
1970	30.92	26.80	34.73	27.19	28.81	28.95	33.36	29.66	32.39	26.80	32.17	32.49	30.20	31.32	30.35	29.66
1971	33.60	29.03	36.06	30.08	31.12	31.33	34.87	31.67	33.91	28.70	33.53	34.03	31.71	32.67	31.85	31.53
1972	36.38	33.87	37.29	32.08	34.74	35.05	36.21	31.98	36.14	31.08	35.00	35.46	33.46	33.60	34.19	34.31
1973	38.53	38.09	39.63	34.03	37.86	38.37	37.71	34.39	39.19	34.26	37.07	38.45	36.26	36.33	37.12	37.32
1974	41.97	40.68	42.85	37.32	40.80	41.32	45.94	39.72	42.70	37.57	40.72	42.28	39.64	40.80	39.65	40.25
1975	45.42	43.37	45.37	42.58	44.06	44.29	45.95	45.18	46.65	45.12	46.28	43.79	45.55	43.95	44.01	44.12
1976	49.14	45.58	47.97	47.28	47.14	47.12	49.45	48.17	50.12	48.27	50.12	48.67	48.95	48.78	47.09	47.10
1977	53.47	48.18	50.50	50.08	50.32	50.37	53.45	52.20	55.23	48.96	52.54	52.54	51.46	53.08	51.56	51.03
1978	57.61	51.54	53.51	53.84	53.99	54.02	57.24	56.46	60.30	54.06	56.91	58.74	56.13	57.49	56.18	55.23
1979	61.04	54.61	57.71	58.29	57.51	57.35	66.17	61.97	65.97	59.92	62.50	64.51	61.90	63.19	62.15	59.85
1980	65.20	58.51	63.33	65.34	62.18	61.51	61.23	64.44	71.31	66.75	68.86	70.33	68.26	69.25	71.34	66.96
1981	70.87	66.65	76.75	72.66	69.75	69.12	74.92	75.58	72.98	74.58	75.39	74.17	74.95	77.43	73.99	74.10
1982	72.73	77.07	81.21	77.43	76.00	75.69	75.03	78.99	79.37	78.10	79.04	79.27	78.70	79.11	82.01	79.51
1983	76.68	79.67	84.48	81.92	79.43	78.91	84.31	82.06	82.16	82.07	82.08	82.17	82.08	84.25	82.36	82.40
1984	79.80	83.65	87.17	84.70	82.82	82.43	123.51	85.01	84.84	84.84	84.97	84.91	84.96	86.22	84.93	84.95
1985	82.54	90.08	89.63	87.52	87.52	87.52	118.20	87.66	87.49	87.44	87.44	87.57	87.54	87.61	88.49	88.14
1986	84.38	92.80	91.86	89.95	89.95	89.95	92.32	90.12	90.28	90.11	90.30	90.11	90.22	90.29	90.16	90.16
1987	88.78	93.92	94.33	92.29	92.29	94.42	92.97	93.38	93.55	93.00	93.25	93.09	92.93	92.68	92.68	92.68
1988	96.63	96.93	97.13	96.84	96.84	96.21	96.44	96.73	96.88	96.47	96.66	96.52	96.64	96.72	96.72	96.72
1989	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1990	103.27	104.60	102.75	104.04	104.04	103.69	103.44	103.03	102.90	103.39	103.11	103.17	103.18	103.47	103.47	103.47
1991	106.66	109.31	105.21	108.17	108.17	108.17	105.50	105.50	105.50	105.50	105.50	105.50	105.50	106.08	106.08	106.77
1992	110.16	113.90	107.34	112.24	112.24	114.04	109.33	109.33	108.33	108.33	107.97	107.97	107.97	108.76	108.76	109.87

**Table 5-6**  
**DEPARTMENT of DEFENSE DEFLATORS - BA**  
 (Deflators = Current/Constant)

MIL PERS	RETIRED PAY	O+M	PROC	RDTE	MIL CON	FAMILY SPECIAL HOUS	R+M FUNDS	DEDUCT OFFSET	TRUST + REV	INTRA GOVT	GRAND TOTAL
1945	9.11	6.92	10.65	12.47	12.41	14.92	13.40	14.48	19.74	9.32	11.49
1946	9.60	8.10	11.33	14.78	14.13	17.21	17.19	17.19	20.94	11.30	12.72
1947	11.59	10.60	11.67	14.59	14.91	18.60	20.37	20.37	22.32	12.47	14.40
1948	11.54	11.24	11.97	16.50	16.59	19.46	20.56	20.56	21.55	16.83	17.30
1949	11.39	11.30	12.72	17.26	17.07	19.55	21.55	21.55	22.82	16.68	16.83
1950	12.69	10.83	13.56	18.08	18.10	20.54	21.84	21.84	21.41	16.17	17.34
1951	13.71	17.47	16.92	18.99	18.46	20.56	21.41	21.41	22.82	16.34	17.27
1952	13.28	17.11	16.31	18.30	18.79	20.61	22.83	22.83	23.76	17.99	18.86
1953	14.14	17.39	15.42	18.72	19.06	20.60	21.84	21.84	21.84	19.88	20.30
1954	14.02	16.23	15.94	19.21	19.57	20.57	21.41	21.41	21.41	16.17	17.34
1955	14.34	17.22	15.84	18.74	19.21	20.57	21.64	21.64	22.83	16.34	17.27
1956	15.08	18.40	17.12	18.89	19.89	22.28	23.02	23.02	23.76	17.99	18.86
1957	14.97	19.12	18.05	19.85	23.60	23.76	24.92	24.92	25.57	17.99	18.86
1958	15.58	19.29	19.58	19.67	20.60	24.43	25.31	25.31	26.48	20.53	21.89
1959	16.66	20.63	20.41	20.61	24.71	24.21	25.76	25.76	26.48	20.53	21.89
1960	16.93	20.47	20.79	21.29	24.98	24.53	25.63	25.63	26.26	20.38	21.89
1961	17.12	20.40	21.79	20.44	25.29	24.57	25.97	25.97	26.80	20.38	21.89
1962	16.95	20.42	22.07	20.77	25.29	24.65	25.08	25.08	26.48	20.53	21.89
1963	17.13	20.26	22.52	21.32	25.50	25.23	25.48	25.48	26.56	20.94	21.89
1964	18.50	21.08	23.10	22.60	25.78	25.68	25.84	25.84	26.66	22.59	23.36
1965	19.30	21.44	24.05	23.30	26.41	25.59	26.40	26.40	26.96	22.59	23.36
1966	21.24	22.41	25.09	25.25	27.31	27.79	27.30	27.30	27.86	22.59	23.36
1967	22.44	23.23	26.28	26.34	28.27	28.54	28.11	28.11	28.85	22.59	23.36
1968	23.49	24.01	27.23	27.56	29.21	29.66	29.14	29.14	29.83	22.59	23.36
1969	25.29	28.43	29.05	30.35	30.85	30.08	30.78	30.78	30.78	22.59	23.36
1970	28.01	27.19	30.52	29.67	31.95	32.42	31.88	31.88	31.99	29.52	31.41
1971	30.06	30.08	32.37	31.35	33.55	34.26	33.60	33.60	33.45	33.44	34.20
1972	34.31	32.08	34.55	33.55	35.24	36.37	35.25	35.25	34.73	34.73	34.20
1973	38.29	34.03	36.71	36.90	37.31	39.28	37.23	37.23	36.17	36.17	37.17
1974	40.95	37.32	40.82	38.87	40.93	43.40	40.38	40.38	38.31	38.30	40.25
1975	43.63	42.58	45.39	42.21	45.17	46.96	45.02	45.02	44.07	44.07	44.02
1976	45.90	47.28	48.81	45.37	48.50	50.40	48.35	48.35	47.37	47.37	47.11
1977	48.48	50.08	52.90	50.42	52.69	55.24	52.42	52.42	51.26	51.26	50.94
1978	51.78	53.84	57.06	55.55	57.01	60.13	56.58	56.58	54.90	54.90	55.11
1979	54.98	58.29	61.91	61.39	62.38	65.85	61.79	61.79	59.89	59.89	59.85
1980	59.11	65.34	71.81	67.78	68.77	71.18	70.30	70.30	66.24	66.24	66.82
1981	68.07	72.66	78.81	73.66	74.70	75.59	76.24	76.24	73.26	73.26	73.98
1982	77.62	77.43	82.81	78.42	78.89	78.91	81.06	81.06	78.83	78.83	79.50
1983	80.33	81.91	84.48	82.09	81.82	84.48	83.29	83.29	81.99	81.99	82.36
1984	84.14	85.70	84.84	84.81	84.39	85.74	84.79	84.79	85.10	85.10	84.93
1985	90.03	87.69	87.45	87.42	87.07	88.21	87.38	88.00	88.00	88.00	88.12
1986	92.74	87.91	90.30	89.77	89.68	90.20	90.28	90.28	90.46	90.46	90.15
1987	93.97	90.63	93.50	92.76	92.98	93.53	92.86	92.86	92.90	92.90	92.67
1988	96.95	96.51	96.84	96.48	96.73	96.52	96.34	96.34	96.34	96.34	96.72
1989	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1990	104.42	103.39	102.93	103.38	103.03	103.29	103.60	103.60	103.60	103.60	103.47
1991	108.92	106.69	105.58	106.49	105.81	106.38	107.02	107.02	107.02	107.02	106.77
1992	113.26	109.84	108.07	109.23	108.35	109.20	110.02	110.02	110.02	110.02	109.87

**Table 5-7**  
**DEPARTMENT of DEFENSE DEFLATORS - BA**  
 (Deflators = Current/Constant)

		OTHER MIL PERS	TOTAL PAY AND ALLOW -RTPAY	O+M EXCL PAY FUEL	PROC COMM EXCL PAY FUEL	RD+F NON PAY EXCL PAY FUEL	FH & MILCON NON PAY EXCL PAY FUEL	MAJOR COMM EXCL PAY FUEL	TOTAL NON PAY EXCL PAY FUEL	TOTAL NON PAY EXCL PAY FUEL	TOTAL NON PAY EXCL PAY FUEL	TOTAL NON PAY EXCL PAY FUEL
1945	8.21	6.92	8.90	8.91	13.98	12.59	9.76	13.88	15.29	12.23	13.49	12.61
1946	8.71	8.58	8.10	9.38	9.40	15.10	14.58	17.23	10.49	15.38	15.58	15.24
1947	9.49	10.71	16.67	10.60	10.79	10.80	17.93	16.82	16.44	18.17	19.01	11.49
1948	9.69	10.65	17.12	11.24	10.80	10.79	20.58	17.68	19.75	15.88	19.88	17.65
1949	10.44	10.65	17.33	11.30	11.02	11.01	21.84	18.74	20.16	15.49	20.36	18.41
1950	10.86	12.05	18.10	10.83	11.96	11.99	21.24	19.67	20.67	17.19	20.73	19.05
1951	10.62	12.70	19.65	17.47	12.81	12.71	23.27	20.31	20.81	16.47	21.47	19.92
1952	11.35	12.56	18.98	17.11	12.70	12.63	22.46	19.91	20.87	16.35	21.20	20.64
1953	11.70	13.41	19.34	17.39	13.34	13.28	22.77	19.76	21.21	17.62	21.31	19.50
1954	12.33	13.77	18.80	16.23	14.01	13.44	23.33	20.12	22.12	17.28	21.76	20.13
1955	13.17	13.59	19.64	17.23	14.01	13.94	23.80	20.73	16.88	22.97	23.19	20.39
1956	14.12	14.27	20.70	18.40	14.83	14.75	24.77	20.71	24.24	18.28	24.18	24.27
1957	14.74	14.06	21.63	19.12	14.99	14.89	26.66	22.84	24.88	18.39	25.23	24.78
1958	16.63	14.74	24.42	19.29	16.04	15.95	26.97	23.11	25.16	17.90	25.60	25.07
1959	17.75	15.77	25.12	20.63	17.15	17.05	27.61	23.34	25.35	18.12	25.85	25.12
1960	18.28	15.95	25.27	20.47	17.51	17.40	27.39	23.43	25.39	19.31	25.93	22.98
1961	19.71	16.08	25.47	20.40	18.10	18.01	27.39	23.67	25.41	19.96	26.07	25.03
1962	20.20	15.95	25.27	20.42	18.13	18.03	27.61	23.53	25.45	18.04	25.96	25.31
1963	20.96	16.10	25.27	20.26	18.51	18.42	27.69	23.66	25.69	18.76	26.08	25.86
1964	21.89	17.50	26.36	21.08	19.71	19.63	27.80	23.85	26.17	19.88	26.34	26.29
1965	23.24	18.18	27.64	21.44	20.65	20.60	28.11	24.35	26.96	20.96	26.93	26.98
1966	24.11	19.67	30.15	22.41	22.19	22.18	29.04	25.49	27.89	22.37	27.86	25.99
1967	25.10	20.61	31.74	23.23	23.29	23.29	30.08	26.76	28.86	23.26	28.90	26.96
1968	26.00	21.58	32.77	24.01	24.28	24.30	31.11	27.73	29.90	24.65	29.80	29.08
1969	27.68	23.28	33.44	25.29	25.79	25.83	32.09	28.50	32.09	26.05	30.88	31.13
1970	30.92	26.80	34.73	29.73	25.27	25.79	32.96	30.66	32.39	26.75	32.49	32.49
1971	33.60	29.03	36.06	30.08	31.12	31.23	34.87	30.66	33.92	28.67	33.53	34.08
1972	36.38	33.87	37.29	32.08	34.73	35.04	36.21	32.00	36.13	31.08	35.00	35.85
1973	38.53	38.09	39.63	34.03	37.86	38.38	37.71	34.41	39.20	34.33	37.07	38.39
1974	41.97	40.68	42.85	37.92	40.80	41.32	40.94	39.73	42.68	37.58	40.72	42.11
1975	45.42	43.37	45.37	42.58	44.06	44.30	45.95	45.19	46.65	45.12	46.30	43.80
1976	49.14	45.58	47.97	47.28	47.14	47.12	49.40	48.28	50.12	43.86	48.38	49.75
1977	53.47	48.18	50.50	50.08	50.32	50.37	53.45	52.20	55.22	48.94	52.54	54.28
1978	57.61	51.54	53.71	53.84	53.99	54.02	57.24	56.47	60.28	54.10	56.91	58.63
1979	61.04	54.61	57.51	58.29	57.51	57.35	66.17	61.97	65.97	59.95	62.50	64.38
1980	65.20	58.51	63.33	65.34	62.18	61.51	123.41	68.43	71.31	66.79	68.86	67.95
1981	70.87	66.65	76.75	72.66	69.77	69.14	142.92	74.57	75.92	73.02	74.78	75.40
1982	72.73	77.07	81.21	77.43	76.00	75.69	159.03	78.99	79.37	78.12	79.04	77.50
1983	76.68	79.67	84.48	81.91	79.44	78.91	143.31	82.06	82.16	82.08	82.17	82.09
1984	79.80	83.65	87.17	84.70	82.83	82.44	123.51	85.01	84.84	84.85	84.97	84.95
1985	82.54	90.08	89.63	87.51	87.51	87.51	118.20	87.66	87.49	87.44	87.57	87.54
1986	84.38	92.80	91.86	89.88	89.88	89.88	92.32	90.12	90.28	90.31	90.11	90.24
1987	88.78	93.33	94.33	92.28	92.28	84.42	92.97	93.38	93.55	93.00	93.29	93.24
1988	96.63	96.93	97.13	96.84	96.84	96.44	96.73	96.89	96.47	96.65	96.53	96.64
1989	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1990	103.27	104.60	102.75	104.04	104.04	103.69	103.44	103.03	102.90	103.39	103.11	103.47
1991	106.66	109.31	105.21	108.17	108.17	108.10	106.59	105.79	105.50	106.48	105.96	106.77
1992	110.16	113.90	107.34	112.24	112.24	114.04	109.33	108.33	107.97	109.19	108.53	109.87

**Table 5-8**  
**DEPARTMENT of DEFENSE DEFFLATORS - OUTLAYS**  
 (Deflators = Current/Constant)

	MIL PERS	O+M PAY	PROC	RDTE	MIL CON	FAMILY HOUS	SPECIAL FGN	CUR	R+M FUNDS	DEDUCT OFFSET	TRUST + REV	INTRA GOVT	GRAND TOTAL
1945	9.36	6.92	10.78	12.07	12.30	13.30			13.40	13.40			10.77
1946	9.67	8.10	11.09	12.78	13.06	14.30			14.48	14.48			10.79
1947	11.62	10.60	11.46	14.39	14.63	16.99			17.19	17.19			11.82
1948	11.66	11.24	12.12	16.32	16.20	19.30			19.74	19.74			12.27
1949	11.38	11.30	12.90	17.63	17.92	20.49			20.94	20.94			12.80
1950	12.68	10.83	13.24	17.20	16.81	19.95			20.37	20.37			13.57
1951	12.96	17.47	15.40	18.47	17.80	21.49			22.32	22.32			14.96
1952	13.36	17.11	16.27	18.91	18.63	20.90			21.55	21.55			16.16
1953	14.06	17.39	15.63	19.30	19.12	21.05			21.84	21.84			16.66
1954	13.92	16.23	15.68	18.57	19.23	20.6			21.41	21.41			16.36
1955	14.28	17.22	15.83	19.36	20.46	22.00			22.82	22.82			16.72
1956	15.10	18.40	16.93	20.28	21.83	23.51			23.76	23.76			17.64
1957	14.89	19.12	18.11	21.87	23.76	24.73			24.57	24.57			18.59
1958	15.91	19.29	19.52	22.08	24.37	25.03			25.54	25.54			19.54
1959	16.84	20.63	20.56	22.13	25.06	25.69			26.48	26.48			20.40
1960	17.02	20.47	20.83	21.77	25.19	26.52			26.26	26.26			20.46
1961	17.28	20.40	21.97	22.24	25.92	26.16			26.80	26.80			21.08
1962	17.12	20.42	22.18	22.14	25.73	25.30			26.48	26.48			21.01
1963	17.25	20.26	22.69	22.12	25.85	26.00			26.56	26.56			21.12
1964	18.64	21.08	23.21	22.45	26.06	26.15			26.66	26.66			21.90
1965	19.33	21.44	24.05	22.81	26.41	26.54			26.96	26.96			22.36
1966	21.10	22.41	25.03	24.27	27.26	27.55			27.85	27.85			23.81
1967	22.28	23.23	26.28	25.86	28.29	28.58			28.85	28.85			25.13
1968	23.44	24.01	27.23	27.20	29.27	29.47			29.83	29.83			26.32
1969	24.93	25.29	28.41	27.97	30.26	30.50			30.78	30.78			27.29
1970	28.02	27.19	30.45	29.09	31.80	31.86			31.99	31.99			29.30
1971	30.05	32.08	32.35	30.43	33.47	33.46			33.45	33.45			33.44
1972	34.30	32.08	34.42	31.88	35.01	35.05			34.75	34.75			33.73
1973	38.23	34.03	36.03	33.06	36.54	36.36			36.20	36.17			36.17
1974	40.90	37.32	39.64	35.21	38.86	38.47			38.34	38.34			38.77
1975	43.61	42.58	45.14	39.43	44.30	44.14			44.07	44.07			44.07
1976	45.85	47.28	48.54	42.67	47.67	47.51			47.37	47.37			47.37
1977	48.43	50.08	52.54	45.74	51.62	51.47			51.26	51.26			49.67
1978	51.73	53.84	56.54	49.12	55.31	55.17			54.90	54.90			53.24
1979	54.92	58.29	61.15	53.25	59.99	60.02			59.89	59.89			57.28
1980	58.89	65.34	71.02	59.33	66.39	66.14			66.24	66.24			64.16
1981	67.92	72.66	78.53	65.95	73.31	75.46			73.28	73.28			71.72
1982	77.56	77.43	82.92	74.31	78.68	81.13			78.83	78.83			78.55
1983	80.31	81.91	84.51	80.08	81.71	81.34			82.01	81.99			81.84
1984	84.09	84.70	85.78	85.10	84.90	84.44			85.11	85.11			85.03
1985	90.01	87.86	88.00	87.75	87.39	88.54			88.00	88.00			88.47
1986	92.69	90.46	90.09	90.46	90.09	89.87			90.47	90.47			90.30
1987	93.96	90.49	92.90	92.65	92.57	92.64			92.89	92.89			92.45
1988	96.94	96.46	96.34	96.35	96.36	96.34			96.35	96.35			96.54
1989	100.00	100.00	100.00	100.00	100.00	100.00			100.00	100.00			100.00
1990	104.36	103.48	103.60	103.59	103.57	103.59			103.60	103.60			103.76
1991	108.79	106.94	107.02	107.01	106.99	107.02			107.02	107.02			107.02
1992	113.05	110.27	110.02	110.03	110.03	110.03			110.02	110.02			110.84

DEPARTMENT of DEFENSE DEFLATORS - OUTLAYS  
 (Deflators = Current/Constant)

CIV	MIL PAY	OTHER PERS	TOTAL PAY AND ALLOW	RET PAY	-RTPAY	FUEL	PROC O+M EXCL PAY FUEL	COMMOD EXCL PAY FUEL	RDT+E EXCL PAY FUEL	FH & MILCON PAY FUEL	TOTAL NONPAY EXCL PAY FUEL	TOTAL EXCL RETPAY			
1945	8.21	8.52	15.00	6.92	9.11	13.98	12.40	13.40	10.15	13.40	12.19	13.09	12.23	10.77	10.77
1946	8.71	8.58	15.46	8.10	9.45	15.10	13.58	14.48	10.98	14.48	13.18	14.08	13.23	10.79	10.79
1947	9.49	10.71	16.67	10.82	10.82	17.93	16.10	17.19	11.77	17.19	15.23	16.50	15.38	11.82	11.83
1948	9.69	10.65	17.17	11.24	10.88	20.58	17.99	19.74	15.28	19.74	17.20	18.36	17.43	12.27	12.29
1949	10.44	10.65	17.32	11.30	11.01	21.84	18.86	20.94	16.60	20.94	18.42	19.51	18.61	12.80	12.83
1950	10.86	12.05	17.92	10.83	11.96	21.24	18.87	20.37	15.89	20.37	18.13	19.50	18.32	13.57	13.57
1951	10.62	12.70	19.85	17.47	12.25	23.27	21.20	22.32	17.44	22.32	20.28	21.50	20.64	14.96	14.96
1952	11.36	12.56	18.98	17.11	12.76	22.46	20.24	21.55	17.34	21.55	20.02	20.95	20.14	16.16	16.15
1953	11.70	13.41	17.51	17.39	13.27	22.77	20.23	21.84	17.29	21.84	20.16	21.32	20.22	16.66	16.66
1954	12.33	13.27	18.76	16.23	13.43	23.37	22.33	21.97	21.84	21.84	20.16	21.41	19.36	16.35	16.35
1955	13.17	13.59	19.56	17.22	13.97	23.80	20.68	22.83	18.13	22.83	20.18	22.86	20.32	16.72	16.72
1956	14.12	14.27	20.70	18.40	14.84	24.77	21.24	23.76	18.58	23.76	21.24	23.02	21.41	17.64	17.63
1957	14.74	14.06	21.31	19.12	19.94	26.66	22.99	25.57	20.15	25.57	23.03	24.84	23.21	18.59	18.58
1958	16.63	14.74	24.41	19.29	16.24	26.16	26.97	23.30	25.86	20.19	25.16	23.42	19.54	19.54	19.54
1959	17.75	15.77	25.19	20.63	17.26	17.16	23.81	26.48	20.06	26.48	23.57	25.74	23.75	20.40	20.39
1960	18.28	15.95	25.32	20.47	17.55	17.46	27.39	23.63	26.26	19.70	26.26	26.26	25.52	23.43	20.46
1961	19.71	16.08	25.59	20.40	18.19	18.10	27.94	24.15	26.80	20.08	26.80	23.82	26.06	23.98	21.08
1962	20.20	15.95	25.37	20.42	18.22	18.13	27.61	23.90	26.48	20.03	26.48	23.58	25.76	23.73	21.01
1963	20.96	16.10	25.22	20.26	18.57	18.49	27.69	24.05	26.56	19.54	26.56	23.32	25.81	23.48	21.12
1964	21.89	17.50	26.32	21.08	19.78	19.71	27.80	24.11	26.66	19.84	26.66	23.96	25.96	23.89	21.90
1965	23.24	18.18	27.40	21.44	20.66	20.61	28.11	24.36	27.96	20.08	26.96	24.13	26.11	24.30	22.39
1966	24.11	19.67	30.05	22.41	22.11	22.09	29.04	25.40	27.85	21.46	27.85	25.40	27.03	25.54	23.81
1967	25.10	20.61	31.71	23.23	23.20	23.19	30.08	26.78	28.85	22.71	28.85	26.76	28.11	26.88	25.13
1968	26.00	21.58	32.82	24.01	24.25	24.11	27.75	23.11	28.83	23.79	29.83	29.05	29.19	28.05	26.32
1969	27.68	23.28	33.39	25.29	25.78	25.82	32.09	28.47	30.78	24.56	30.78	28.52	29.90	28.66	26.39
1970	30.92	26.80	34.68	27.19	28.82	28.96	33.36	29.53	31.99	25.58	31.99	29.63	31.04	29.79	29.39
1971	33.60	29.03	36.04	30.08	31.12	31.23	34.87	30.72	33.45	26.85	33.45	31.02	32.45	31.17	31.20
1972	36.38	33.87	37.14	32.08	34.72	35.03	36.21	31.97	34.73	28.04	34.73	32.43	33.75	32.63	33.81
1973	38.53	38.09	39.34	38.09	39.34	38.73	38.34	37.71	32.73	36.17	36.17	33.54	34.92	33.76	35.94
1974	41.97	40.68	42.67	37.32	40.77	41.97	39.94	36.85	38.96	31.91	38.91	38.31	38.35	37.79	36.54
1975	45.42	43.37	45.20	42.58	44.05	44.28	45.95	44.56	44.87	44.07	44.07	41.95	44.26	42.42	38.88
1976	49.14	45.58	47.81	47.28	47.13	47.10	49.40	47.58	47.37	40.36	47.37	45.02	47.46	45.31	43.26
1977	53.47	48.15	50.30	50.08	50.31	50.35	53.45	51.26	51.26	43.65	51.26	48.63	51.26	48.94	46.21
1978	57.61	51.54	53.15	53.84	53.99	53.97	57.24	54.90	54.90	46.86	54.90	52.44	52.44	49.67	49.63
1979	61.04	54.61	57.35	58.29	57.49	57.33	66.27	59.89	59.89	51.27	59.89	56.44	59.89	57.05	53.19
1980	65.20	58.51	61.59	65.34	62.07	61.38	123.41	66.24	66.24	57.20	66.24	62.73	66.24	64.16	64.04
1981	70.87	66.65	76.41	72.66	69.70	69.66	142.92	73.27	73.27	63.83	73.27	69.56	73.27	71.72	71.63
1982	72.73	77.07	81.05	77.43	75.96	75.64	159.03	78.83	78.83	72.99	78.83	76.58	78.83	80.80	88.47
1983	76.68	79.67	84.43	81.91	79.42	78.90	143.31	81.99	81.99	79.48	81.99	81.02	81.99	83.81	88.47
1984	79.80	83.65	87.16	84.70	82.80	82.40	123.51	85.10	85.10	85.10	85.10	85.10	85.10	86.76	85.06
1985	82.54	90.05	89.67	87.50	87.50	88.00	88.00	88.00	88.00	88.00	88.00	88.00	88.00	89.14	88.47
1986	84.38	92.79	91.88	89.94	89.94	92.32	90.46	90.46	90.46	90.46	90.46	90.53	90.53	90.53	90.30
1987	88.78	93.93	94.31	92.24	92.24	84.42	92.90	92.90	92.90	92.90	92.90	92.90	92.90	92.58	92.45
1988	96.63	96.92	97.11	96.84	96.84	96.21	96.34	96.34	96.34	96.34	96.34	96.34	96.34	96.54	96.54
1989	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1990	103.27	104.60	102.80	104.02	104.02	103.69	103.60	103.60	103.60	103.60	103.60	103.60	103.60	103.76	103.76
1991	106.66	109.31	105.34	108.11	108.11	108.10	107.02	107.02	107.02	107.02	107.02	107.02	107.02	107.44	107.44
1992	110.16	113.90	107.49	112.14	112.14	114.04	110.02	110.02	110.02	110.02	110.02	110.02	110.02	110.84	110.84

**Table 5-10**  
**LONG RANGE INFLATION - DEFENSE**

		FY 1979	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984	FY 1985	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
DoD	Forecast Date	Feb 1975	5.6	4.8	4.4											
TOA	Jan 1976	5.2	4.8	4.4												
	Jan 1977	5.1	4.9	4.7	4.3											
	Jan 1978	5.9	6.0	5.4	5.2	4.8										
	Jan 1979	6.8	5.9	5.2	4.5	3.9	3.3									
	Jan 1980	7.6	8.5	8.1	8.2	7.3	6.8	6.5								
	Feb 1981	7.3	10.6	11.4	8.9	6.9	6.2	5.6	5.3							
	Jan 1982	8.0	11.3	11.7	8.0	6.3	5.8	5.1	5.0							
	Jan 1983	8.3	11.6	11.2	7.1	4.6	3.7	5.9	5.1	5.0						
	Jan 1984	8.5	11.7	11.2	6.9	4.2	4.0	4.5	5.0	4.8	4.5					
	Jan 1985	8.6	11.7	11.0	6.8	4.1	3.3	4.1	4.0	4.3	4.2	4.0				
	Jan 1986	8.6	11.6	11.0	7.2	3.7	3.0	3.7	3.1	3.4	3.5	3.3	3.0			
	Jan 1987	8.6	11.6	11.0	7.4	3.7	2.8	3.5	2.3	2.7	4.5	3.5	3.3	3.1	2.9	
	Jan 1988	8.6	11.6	11.0	7.4	3.7	2.8	3.5	2.3	2.8	4.4	3.4	3.5	3.2	2.9	2.9
DoD	Outlays	Feb 1975	5.8	5.0	4.5											
	Outlays	Jan 1976	5.6	5.0	4.8											
	Jan 1977	5.4	4.9	4.8	4.5											
	Jan 1978	6.1	6.0	5.4	5.2	4.8										
	Jan 1979	7.1	6.4	5.8	4.9	4.2	3.4									
	Jan 1980	7.5	8.6	8.4	8.6	7.7	7.0	6.5								
	Feb 1981	7.5	11.3	11.6	9.8	7.5	6.5	5.8	5.3							
	Jan 1982	7.5	11.3	12.9	8.8	6.9	5.9	5.5	5.1	5.0						
	Jan 1983	7.3	12.1	12.3	8.9	4.4	3.6	6.1	5.2	5.0						
	Jan 1984	7.3	12.1	12.3	8.7	4.7	3.6	4.7	5.3	5.0	4.7	4.4				
	Jan 1985	7.3	12.1	12.3	8.7	4.5	3.3	3.7	4.0	4.5	4.5	4.2	3.9			
	Jan 1986	7.5	12.0	12.2	9.1	4.1	3.4	3.7	3.0	3.6	3.9	3.7	3.4	2.8		
	Jan 1987	7.5	12.0	12.2	9.4	4.3	3.5	3.5	2.2	2.6	4.6	3.7	3.6	3.4	2.9	
	Jan 1988	7.5	12.0	12.2	9.4	4.3	3.5	3.5	2.2	2.4	4.4	3.6	3.8	3.5	3.2	3.2

Table 5-10 [Continued]

LONG RANGE INFLATION - DEFENSE											
	Forecast Date	FY 1979	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984	FY 1985	FY 1986	FY 1987	FY 1988
GNP	Feb 1975	4.2	4.0								
	Jan 1976	5.2	4.3	4.1							
	Jan 1977	5.5	4.9	4.1	3.2						
	Jan 1978	6.3	5.8	5.3	4.9	4.3					
	Jan 1979	8.0	7.0	6.0	4.8	3.7	2.8				
	Jan 1980	8.7	9.0	8.9	8.3	7.6	6.9	6.2			
	Feb 1981	8.6	8.6	10.0	8.7	7.3	6.2	5.5	5.0		
	Jan 1982	8.6	8.6	9.4	8.2	6.5	5.1	4.8	4.6	4.5	
	Jan 1983	8.8	8.8	9.8	7.0	5.0	5.3	4.9	4.7	4.5	4.5
	Jan 1984	8.8	8.8	9.8	7.1	4.3	4.3	4.9	4.6	4.3	4.0
	Jan 1985	8.8	8.8	9.8	7.1	4.0	3.8	3.7	4.4	4.2	4.0
	Jan 1986	8.8	8.8	10.0	7.3	4.2	3.8	3.6	3.2	4.1	3.9
	Jan 1987	8.8	8.8	10.0	7.3	4.1	3.9	3.5	2.9	3.1	3.5
	Jan 1988	8.8	8.8	10.0	7.3	4.1	3.9	3.2	2.8	2.7	3.7
CPI	Feb 1975	4.4	3.9								
	Jan 1976	5.4	4.4	4.0							
	Jan 1977	5.1	4.7	4.0	3.1						
	Jan 1978	6.1	5.9	5.3	4.8	4.2					
	Jan 1979	8.6	6.9	6.0	4.8	3.7	2.8				
	Jan 1980	10.4	12.4	9.7	8.4	7.6	7.0	6.2			
	Feb 1981	10.4	13.6	11.6	9.1	6.5	5.7	4.8	4.3		
	Jan 1982	10.4	13.6	11.1	8.0	6.3	4.7	4.8	4.6	4.5	
	Jan 1983	10.4	13.6	11.1	7.2	4.9	4.7	4.5	4.7	4.5	4.5
	Jan 1984	10.4	13.6	11.1	7.2	3.4	4.0	4.5	4.6	4.3	4.5
	Jan 1985	10.4	13.6	11.1	7.2	3.4	3.3	3.9	4.3	4.0	3.7
	Jan 1986	10.4	13.6	11.1	7.2	3.4	3.3	3.6	4.0	3.9	3.7
	Jan 1987	10.4	13.6	11.1	7.2	3.4	3.3	3.6	2.2	2.3	3.7
	Jan 1988	10.4	13.6	11.1	7.2	3.4	3.3	3.6	2.2	2.7	4.3

**TABLE 5-11**  
**OUTLAY RATES TO BE USED FOR INCREMENTAL CHANGES IN TOA PURCHASES**  
(as Percent of TOA PURCHASES)

	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR	FIFTH YEAR	SIXTH YEAR	SEVENTH YEAR
<b>MILITARY PERSONNEL</b>							
Mil Per-Army	44.40	55.33	0.27				
Mil Per-Navy	64.26	35.74					
Mil Per-MC	56.45	43.17	0.38				
Mil Per-Air Force	50.61	49.39					
Res Per-Army	38.59	56.66	4.75				
Res Per-Navy	67.29	31.14	1.57				
Res Per-MC	72.56	27.44					
Res Per-Air Force	76.74	23.26					
Nat Gd Per-Army	47.55	52.45					
Nat Gd Per-Air Force	64.98	35.02					
<b>OPERATIONS AND MAINTENANCE</b>							
O&M-Army	55.64	39.30	5.06				
O&M-Navy	36.16	54.18	9.66				
O&M-MC	52.68	41.88	5.44				
O&M-Air Force	61.83	32.61	5.56				
O&M-Def Agencies	62.34	32.11	5.55				
O&M-Army Res	48.49	45.46	6.05				
O&M-Navy Res	52.34	40.99	6.67				
O&M-MC Res	67.56	29.97	2.47				
O&M-Air Force Res	47.82	49.74	2.44				
O&M-Army Nat Gd	52.21	42.62	5.17				
O&M-Air Nat Gd	50.44	42.70	6.86				
Rifle Practice, Army	64.33	27.44	8.23				
Court of Mil Appeals	51.27	47.06	1.67				
Environ. Rest. Def	61.86	21.65	9.28	5.15	2.06		
<b>PROCUREMENT</b>							
<b>Army</b>							
Aircraft	18.95	37.89	27.37	11.58	4.21		
Missiles	7.96	27.64	36.65	19.90	7.85		
W&TCV	4.63	41.16	32.63	14.21	7.37		
Ammunition	36.17	12.23	34.57	6.38	10.65		
Other Proc Army	8.60	33.87	30.65	17.74	9.14		
<b>Defense Agencies/Defense Wide</b>							
Procurement DA	26.18	49.21	16.75	5.24	2.62		
Coastal Defense	57.14	20.00	20.00	2.86			
Chem Agts & Mun Dest	45.66	25.65	15.22	7.65	3.76	2.06	

**TABLE 5-11 [Continued]**  
**OUTLAY RATES TO BE USED FOR INCREMENTAL CHANGES IN TOA PURCHASES**  
(as Percent of TOA PURCHASES)

	<u>FIRST YEAR</u>	<u>SECOND YEAR</u>	<u>THIRD YEAR</u>	<u>FOURTH YEAR</u>	<u>FIFTH YEAR</u>	<u>SIXTH YEAR</u>	<u>SEVENTH YEAR</u>
<b>Navy</b>							
Aircraft	13.03	38.03	32.13	11.49	5.32		
Weapons	9.63	33.42	36.36	13.90	6.69		
Shipbuilding & Conv	4.79	13.25	28.96	22.95	16.39	11.48	2.18
Other Proc Navy	11.02	31.45	31.18	17.74	8.61		
Procurement MC	20.63	26.46	24.87	20.11	7.93		
<b>Air Force</b>							
Aircraft	9.84	35.90	31.91	15.96	6.39		
Missiles	6.64	19.23	35.15	31.70	7.28		
Other Proc A F	53.34	20.49	15.83	7.12	3.22		
<b>RDT&amp;E</b>							
RDT&E-Army	39.09	47.22	11.17	2.52			
RDT&E-Navy	52.15	36.95	8.56	2.34			
RDT&E-Air Force	46.36	35.69	13.73	4.22			
RDT&E-Def Agencies	52.15	40.13	5.66	2.06			
Dir T&E, Def	27.37	44.21	24.21	4.21			
Dir OT&E, Def	40.11	41.33	16.49	2.07			
<b>MILITARY CONSTRUCTION</b>							
Mil Con-Army	5.16	56.18	30.35	4.34	2.90	0.72	0.35
Mil Con-Navy	12.39	44.57	27.23	7.86	5.04	2.25	0.66
Mil Con-Air Force	16.08	43.22	20.60	12.06	5.53	2.01	0.50
Mil Con-Def Agencies	18.09	32.16	30.15	11.06	6.03	2.01	0.50
Mil Con-Army Nat Gd	14.08	49.30	29.18	4.53	2.31	0.60	
Mil Con-Air Nat Gd	10.36	56.99	16.58	9.33	5.18	1.04	0.52
Mil Con-Army Res	10.30	58.39	15.93	9.56	5.31	0.51	
Mil Con-Navy Res	15.31	52.04	18.37	10.20	4.08		
Mil Con-Air Force Res	10.57	54.88	24.17	6.04	3.02	1.32	
<b>FAMILY HOUSING</b>							
Construction-Army	6.15	41.03	31.79	10.26	8.21	2.05	0.51
Construction-Navy	4.82	42.41	35.18	9.55	4.52	2.51	1.01
Construction-Air Force	5.10	25.51	35.71	20.41	9.18	3.06	1.03
Construction-Def Ag	1.52	6.91	7.37	36.84	31.58	15.78	
Opsns & Debt-Army	74.53	21.04	4.43				
Opsns & Debt-Navy	64.24	30.50	5.26				
Opsns & Debt-A F	69.18	25.50	5.32				
Opsns & Debt-Def Ag	69.07	28.87	2.06				

**Table 5-12**  
**MILITARY & CIVILIAN PAY INCREASES SINCE 1945**

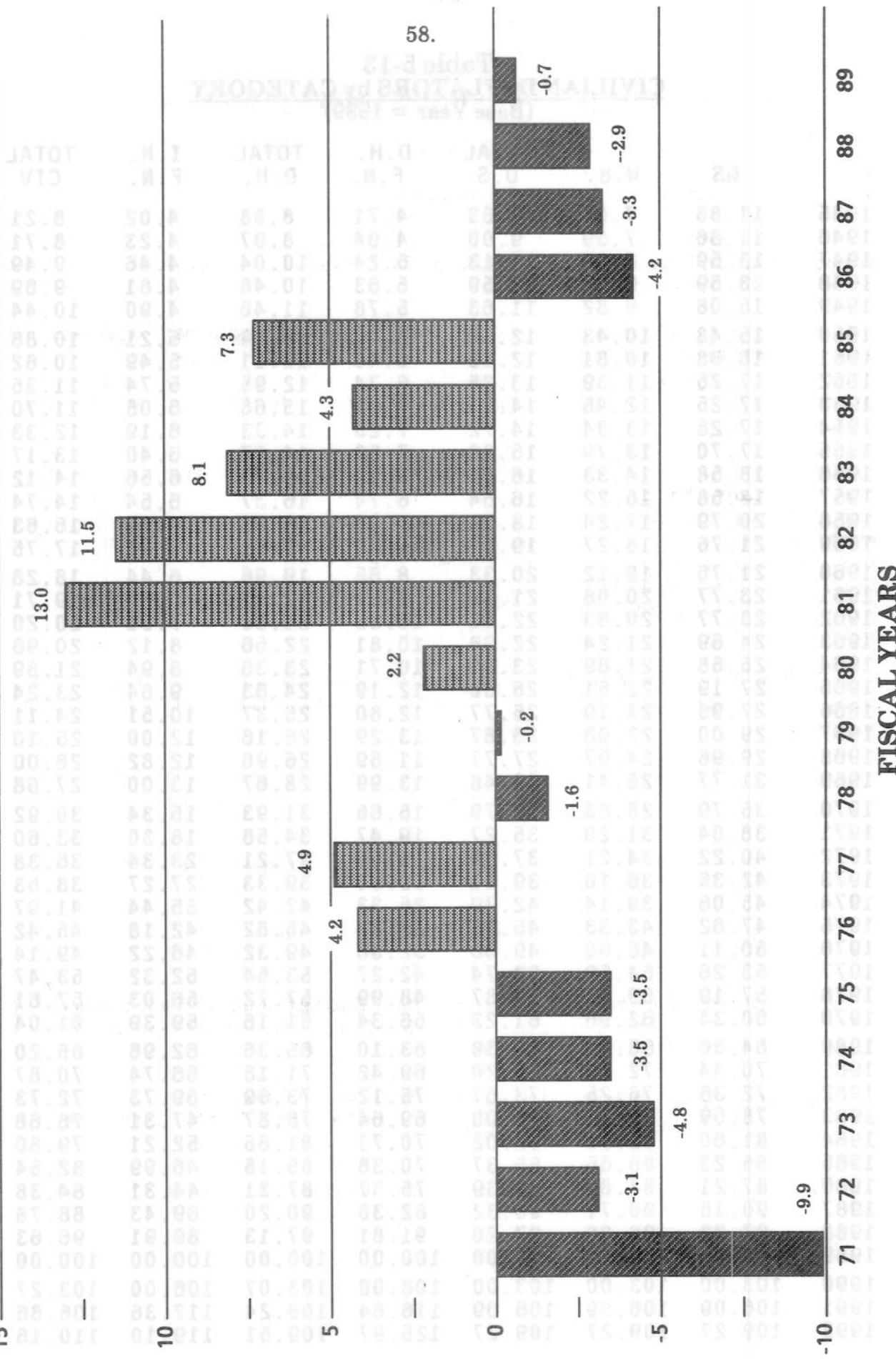
<u>Effective Date</u>	<u>Military Pay</u>	<u>General Schedule Salaries</u>	<u>Effective Date</u>	<u>Military Pay</u>	<u>General Schedule Salaries</u>
Jul 1, 1945	-	15.9	Oct 1, 1979	7.0	7.0
Jul 1, 1946	23.7	14.2	Oct 1, 1980	11.7	9.1
Jul 1, 1948	-	11.0	Oct 1, 1981	14.3	4.8
Oct 1, 1949	21.6	-	Oct 1, 1982	4.0	4.0
Oct 28, 1949	-	4.1	Jan 1, 1984	4.0	4.0
Jul 1, 1951	-	10.0	Jan 1, 1985	4.0	3.5
May 1, 1952	10.9	-	Oct 1, 1985	3.0	-
Mar 1, 1955	-	7.5	Jan 1, 1987	3.0	3.0
Apr 1, 1955	2.8	-	Jan 1, 1988	2.0	2.0
Jan 1, 1958	-	10.0	Jan 1, 1989	4.3	2.0
Jun 1, 1958	6.3	-	Jan 1, 1990	4.6	3.0
Jul 1, 1960	-	7.7	Jan 1, 1991	4.5	3.0
Oct 14, 1962	-	5.5	Jan 1, 1992	4.2	3.0
Oct 1, 1963	8.4	-			
Jan 5, 1964	-	4.1			
Jul 1, 1964	-	4.2			
Sep 1, 1964	1.4	-			
Sep 1, 1965	6.4	-			
Oct 1, 1965	-	3.6			
Jul 1, 1966	2.8	2.9			
Oct 1, 1967	4.5	4.5			
Jul 1, 1968	4.9	4.9			
Jul 1, 1969	9.1	9.1			
Jan 1, 1970	6.0	6.0			
Jan 1, 1971	6.0	6.0			
Nov 14, 1971	13.1	-			
Jan 1, 1972	5.5	5.5			
Jan 1, 1973	5.1	5.1			
Oct 1, 1973	4.8	4.8			
Oct 1, 1974	5.5	5.5			
Oct 1, 1975	5.0	5.0			
Oct 1, 1976	4.8	4.8			
Oct 1, 1977	7.0	7.0			
Oct 1, 1978	5.5	5.5			

Table 5-13  
**CIVILIAN DEFLATORS by CATEGORY**  
 (Base Year = 1989)

	GS	W.B.	TOTAL U.S.	D.H. F.N.	TOTAL D.H.	I.H. F.N.	TOTAL CIV
1945	11.86	7.01	8.63	4.71	8.58	4.02	8.21
1946	11.86	7.59	9.00	4.94	8.97	4.23	8.71
1947	13.59	8.38	10.13	5.24	10.04	4.46	9.49
1948	13.59	9.03	10.59	5.63	10.46	4.81	9.69
1949	15.08	9.82	11.63	5.78	11.46	4.90	10.44
1950	15.48	10.43	12.36	6.10	12.14	5.21	10.86
1951	15.68	10.81	12.38	6.43	12.11	5.49	10.62
1952	17.25	11.39	13.25	6.74	12.95	5.74	11.35
1953	17.25	12.45	14.04	7.11	13.66	6.05	11.70
1954	17.25	13.34	14.72	7.25	14.33	6.19	12.33
1955	17.70	13.79	15.30	7.50	14.97	6.40	13.17
1956	18.58	14.33	16.05	8.62	15.79	6.56	14.12
1957	18.58	15.22	16.64	8.74	16.37	6.54	14.74
1958	20.79	17.24	18.79	9.05	18.46	6.56	16.63
1959	21.76	18.27	19.83	8.95	19.48	6.33	17.75
1960	21.76	19.12	20.33	8.85	19.96	6.44	18.28
1961	23.77	20.08	21.83	9.87	21.43	6.98	19.71
1962	23.77	20.63	22.18	10.38	21.80	7.61	20.20
1963	24.69	21.24	22.96	10.81	22.56	8.12	20.96
1964	25.58	21.89	23.81	10.71	23.36	8.94	21.89
1965	27.19	22.51	25.00	12.19	24.63	9.64	23.24
1966	27.95	23.19	25.77	12.80	25.37	10.51	24.11
1967	29.00	23.98	26.67	13.29	26.16	12.00	25.10
1968	29.96	24.97	27.77	11.59	26.96	12.82	26.00
1969	31.77	26.41	29.48	13.99	28.67	13.00	27.68
1970	35.79	28.63	32.79	15.65	31.93	15.34	30.92
1971	38.04	31.20	35.27	19.47	34.58	18.30	33.60
1972	40.22	34.21	37.90	19.54	37.21	23.34	36.38
1973	42.35	36.10	39.91	19.50	39.33	27.27	38.53
1974	45.06	39.14	42.79	25.33	42.42	35.44	41.97
1975	47.62	43.33	45.98	28.28	45.62	42.18	45.42
1976	50.11	48.90	49.66	32.38	49.32	46.22	49.14
1977	53.26	54.59	53.74	42.27	53.54	52.32	53.47
1978	57.19	59.12	57.87	48.99	57.72	56.03	57.61
1979	60.34	62.96	61.23	56.34	61.16	59.39	61.04
1980	64.56	66.99	65.39	63.10	65.36	62.96	65.20
1981	70.44	72.66	71.20	69.42	71.18	66.74	70.87
1982	72.36	76.25	73.67	75.12	73.69	59.73	72.73
1983	78.59	79.85	79.00	69.64	78.87	47.31	76.68
1984	81.60	82.88	82.02	70.73	81.85	52.21	79.80
1985	85.23	85.65	85.37	70.38	85.15	46.99	82.54
1986	87.21	87.80	87.39	75.37	87.21	44.31	84.38
1987	90.15	90.71	90.32	82.30	90.20	69.43	88.78
1988	97.33	96.88	97.20	91.81	97.13	89.91	96.63
1989	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1990	103.00	103.00	103.00	108.00	103.07	106.00	103.27
1991	106.09	106.09	106.09	116.64	106.24	112.36	106.66
1992	109.27	109.27	109.27	125.97	109.51	119.10	110.16

# REAL GROWTH IN DEFENSE BUDGET AUTHORITY

15



## CHAPTER 6

### TOA, B/A, AND OUTLAY TRENDS AND PROGRAM CHANGES

Table 6-1 through Table 6-3 and Table 6-8 through Table 6-13 are historical series and provide summaries typically used in analyzing trends in defense programs.

Table 6-1 provides an historical TOA summary by appropriation title, from FY 1951-1989 in both current and constant FY 1989 dollars.

Table 6-2 provides a TOA summary of pay, non-pay operations, and investment costs in both current and constant FY 1989 dollars. This summary is especially useful since the investment program and the non-pay operations are identified on separate lines.

Table 6-3 provides a component TOA summary in both current and constant FY 1989 dollars. The Defense-wide total includes those items in the budget not identified to a specific component such as Retired Pay, Defense (until FY 1984); Contingencies, Defense; and Claims, Defense. Beginning in FY 1983, Family Housing costs are allocated to the Military Departments, and in FY 1985, the military retired pay costs were budgeted by the Services in their Military Personnel accounts.

Table 6-4 is not provided this year because the major force programs were not updated due to the shift to a biennial budget.

Table 6-5 is not provided this year because the major force programs were not updated due to the shift to a biennial budget.

Table 6-6 provides appropriation summaries in current dollars for TOA, BA and outlays.

Table 6-7 provides appropriation summaries in constant FY 1989 dollars for TOA, BA and outlays.

Table 6-8 provides an historical Budget Authority summary by appropriation title, from FY 1951-1989 in both current and constant FY 1989 dollars.

Table 6-9 provides a Budget Authority summary of pay, non-pay operations, and investment costs in both current and constant FY 1989 dollars.

Table 6-10 provides a component Budget Authority summary in both current and constant FY 1989 dollars.

Table 6-11 provides an historical Outlay summary by appropriation title, from FY 1951-1989 in both current and constant FY 1989 dollars.

Table 6-12 provides an Outlay summary of pay, non-pay operations, and investment costs in both current and constant FY 1989 dollars.

Table 6-13 provides a component Outlay summary in both current and constant FY 1989 dollars.

Table 6-14 provides the estimate of DoD Civilian pay in current dollars.

Table 6-15 provides the estimate of DoD Civilian pay in constant FY 1989 dollars.

**Table 6-1**  
**DEPARTMENT of DEFENSE TOA by TITLE**  
(\$ in Millions)

	FY 51	FY 52	FY 53	FY 54	FY 55	FY 56	FY 57	FY 58	FY 59	FY 60	FY 61	FY 62	FY 63
<b>CURRENT DOLLARS</b>													
MILITARY PERSONNEL	8,522	11,141	12,181	11,190	11,040	10,888	10,946	10,987	11,294	11,241	11,366	12,158	12,042
RETIRIED PAY	324	331	356	386	422	479	511	561	636	693	788	896	1,015
O+M	11,676	13,661	10,884	8,678	8,407	9,195	9,614	10,112	10,214	10,329	10,671	11,562	11,467
PROCUREMENT	21,837	28,173	16,381	6,469	8,917	11,844	12,221	13,628	13,118	11,137	14,238	16,194	16,026
RDT+E	1,183	1,796	2,112	2,243	2,621	3,539	4,381	4,159	5,144	5,476	6,366	6,269	7,028
MILITARY CONST	1,631	2,087	2,269	1,464	2,338	2,096	2,048	1,634	1,748	1,360	1,115	915	1,286
FAMILY HOUSING													
SPEC FOREIGN Curr													
RESTRAINT ITEMS													
REV + MGMT FUNDS													
TRUST + RECEIPTS													
DEDUCT, INTRAGOV RECPT													
NAV PETRO RES RCPT													
TOTAL, CURRENT \$	46,173	57,188	44,283	30,429	33,790	38,066	39,724	41,124	42,193	40,257	44,643	48,434	49,420
<b>CONSTANT FY 1989 DOLLARS</b>													
MILITARY PERSONNEL	62,560	83,936	86,052	80,502	77,173	72,497	73,304	69,195	66,841	65,688	65,645	71,029	69,672
RETIRED PAY	1,855	1,932	2,049	2,380	2,451	2,603	2,672	2,909	3,075	3,386	3,861	4,386	5,010
O+M	69,510	82,883	70,130	56,768	52,426	53,453	53,142	51,635	50,108	49,676	48,981	52,301	50,934
PROCUREMENT	115,153	153,182	89,417	35,036	44,469	58,215	58,914	66,131	63,661	53,285	68,775	75,985	74,198
RDT+E	6,460	9,535	11,143	11,478	12,634	15,813	18,528	17,245	20,842	21,956	25,136	24,808	27,560
MILITARY CONST	7,959	10,250	11,023	6,847	10,347	8,914	8,528	6,737	7,161	5,505	4,534	3,698	5,092
FAMILY HOUSING													
SPEC FOREIGN Curr													
RESTRAINT ITEMS													
REV + MGMT FUNDS													
TRUST + RECEIPTS													
DEDUCT, INTRAGOV RECPT													
NAV PETRO RES RCPT													
TOTAL, CONSTANT \$	263,498	341,717	269,815	193,012	199,691	211,600	216,104	214,018	211,851	199,621	217,345	233,966	234,654
<b>% REAL GROWTH</b>													
MILITARY PERSONNEL	61.1	34.2	2.5	-6.5	-4.1	-6.1	1.1	-5.6	-3.4	-1.7	-0.1	8.2	-1.9
RETIRED PAY	2.0	4.1	6.1	16.1	3.0	6.2	2.7	8.9	5.7	10.1	14.0	13.6	14.2
O+M	122.3	19.2	-15.4	-19.1	-7.6	2.0	-0.6	-2.8	-3.0	-0.9	-1.4	6.8	-2.6
PROCUREMENT	391.4	33.0	-41.6	-60.8	26.9	30.9	1.2	12.2	-3.7	-16.3	29.1	10.5	-2.4
RDT+E	108.7	47.6	16.9	3.0	10.1	25.2	17.2	-6.9	20.9	5.3	14.5	-1.3	11.1
MILITARY CONST	515.1	28.8	7.5	-37.9	51.1	-13.8	-4.3	-21.0	6.3	-23.1	-17.6	-18.4	37.7
FAMILY HOUSING	0.0	.0.0	0.0	0.0	0.0	-44.8	-84.1	890.1	-1.8	-24.3	232.9	326.1	24.4
TOTAL	164.2	29.7	-21.0	-28.5	3.5	6.0	1.7	-0.5	-1.0	-5.8	8.9	7.6	0.3

**Table 6-1 [Continued]**  
**DEPARTMENT OF DEFENSE TOA by TITLE**  
 (\$ in Millions)

	FY 64	FY 65	FY 66	FY 67	FY 68	FY 69	FY 70	FY 71	FY 72	FY 73	FY 74	FY 75	FY 76
<b>CURRENT DOLLARS</b>													
MILITARY PERSONNEL	12,983	13,430	15,455	18,236	19,961	21,385	22,978	22,625	23,147	23,639	24,104	24,885	25,430
RETIRED PAY	1,211	1,386	1,592	1,831	2,093	2,443	2,853	3,389	3,889	4,392	5,137	6,239	7,326
O+M	11,693	12,563	15,378	19,361	20,950	22,285	21,616	20,410	21,242	22,148	23,862	26,153	28,848
PROCUREMENT	16,028	14,111	22,012	23,277	22,528	22,245	19,156	17,364	18,491	18,199	17,437	17,289	20,996
RDT+E	7,063	6,433	6,885	7,225	7,263	7,730	7,399	7,123	7,584	8,020	8,200	8,632	9,520
MILITARY CONST	977	1,063	2,595	1,217	1,557	1,142	1,015	1,209	1,262	1,550	1,847	1,828	2,147
FAMILY HOUSING	602	575	613	439	612	518	593	714	839	974	1,104	1,103	1,254
SPEC FOREIGN CURR			3		4	2	2	12	3	3	3	3	3
RESTRAINT ITEMS													
REV + MGMT FUNDS													
TRUST + RECEIPTS													
DEDUCT, INTRAGOVT RECPT													
NAV PETRO RES RCPT													
TOTAL, CURRENT \$	49,547	49,560	64,531	71,588	74,965	77,752	75,512	72,846	76,467	78,926	81,693	86,132	96,658
<b>CONSTANT FY 89 DOLLARS</b>													
MILITARY PERSONNEL	69,644	69,323	72,787	81,458	85,060	85,731	82,035	75,289	67,415	61,742	58,869	57,041	55,405
RETIRED PAY	5,747	6,464	7,107	7,884	8,720	9,659	10,494	11,268	12,123	12,906	13,785	14,651	15,494
O+M	50,617	52,238	61,289	73,670	76,941	78,391	70,503	63,039	61,610	60,434	58,460	57,619	59,115
PROCUREMENT	66,959	60,692	87,461	89,205	81,612	76,800	64,304	55,039	56,079	49,463	44,825	40,961	46,238
RDT+E	27,352	24,366	25,203	25,553	24,866	25,467	23,162	21,234	21,521	21,494	20,035	19,109	19,628
MILITARY CONST	3,804	3,995	9,339	4,259	5,249	3,705	3,129	3,532	3,469	3,945	4,250	3,893	4,262
FAMILY HOUSING	2,335	2,183	2,250	1,567	2,101	1,722	1,862	2,128	2,384	2,618	2,732	2,451	2,593
SPEC FOREIGN CURR					10	14	5	35	33	8	6	6	5
RESTRAINT ITEMS													
REV + MGMT FUNDS													
TRUST + RECEIPTS													
DEDUCT, INTRAGOVT RECPT													
NAV PETRO RES RCPT													
TOTAL, CONSTANT \$	226,457	219,261	265,436	283,607	284,551	281,489	255,494	231,563	223,634	212,611	202,942	195,730	203,026
<b>% REAL GROWTH</b>													
MILITARY PERSONNEL	0.0	-0.5	5.0	11.9	4.4	0.8	-4.3	-8.2	-10.5	-8.4	-4.7	-3.1	-2.9
RETIRED PAY	14.7	12.5	9.9	10.9	10.6	10.8	8.6	7.4	7.6	6.5	6.7	6.4	5.8
O+M	-0.6	3.2	17.3	20.2	4.4	1.9	-10.1	-10.6	-2.3	-1.9	-3.3	-1.4	2.6
PROCUREMENT	-9.8	-9.4	44.1	2.0	-8.5	-5.9	-16.3	-14.4	0.1	-10.2	-9.4	-8.6	12.9
RDT+E	-0.8	-10.9	3.4	1.4	-2.7	2.4	-9.1	-8.3	1.4	-0.1	-6.8	-4.6	2.7
MILITARY CONST	-26.3	5.0	133.7	-54.4	23.3	-29.4	-15.6	12.9	-1.8	13.7	7.7	-8.4	9.5
FAMILY HOUSING	6.7	-6.5	3.1	-30.4	34.1	-18.1	8.2	14.3	12.0	9.8	4.4	-10.3	5.8
TOTAL	-3.5	-3.2	21.1	6.8	0.3	-1.1	-9.2	-9.4	-3.4	-4.9	-4.5	-3.6	3.7

**Table 6-1 [Continued]**  
**DEPARTMENT of DEFENSE TOA by TITLE**  
**(\$ in Millions)**

	FY 77	FY 78	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
<b>CURRENT DOLLARS</b>													
MILITARY PERSONNEL	25,947	27,184	28,650	31,065	36,746	42,829	45,638	48,177	68,077	71,695	74,491	76,145	78,399
RETIRIED PAY	8,219	9,173	10,282	11,920	13,724	14,940	15,954	16,503					
O+M	32,011	34,902	37,861	46,604	55,245	62,011	66,750	70,469	77,638	76,336	80,312	81,774	85,649
PROCUREMENT	27,075	29,948	31,311	36,087	47,204	63,533	77,539	83,401	91,352	89,292	83,662	84,091	80,037
RDT+E	10,585	11,503	12,362	13,492	16,630	20,070	22,829	26,862	30,571	33,676	35,941	37,263	38,157
MILITARY CONST	2,210	1,860	2,535	2,255	3,403	4,849	4,271	4,848	5,508	5,230	5,267	5,621	5,783
FAMILY HOUSING	1,297	1,385	1,605	1,552	2,069	2,317	2,631	2,643	2,836	2,792	3,147	3,301	3,272
SPEC FOREIGN CURR	4	2	14	7	3	3	4	3	9	2	4		
RESTRAINT ITEMS													-495
REV + MGMT FUNDS	220	171	101		525	347	908	2,525	1,554	1,497	661	830	764
TRUST + RECEIPTS													
DEDUCT, INTRAGOV RECPT													
NAV PETRO RES RCPT													
TOTAL, CURRENT \$	107,567	116,128	124,721	141,983	175,548	210,899	236,526	256,431	277,544	280,520	283,475	289,025	291,566
<b>CONSTANT FY 89 DOLLARS</b>													
MILITARY PERSONNEL	53,536	52,502	62,111	52,545	54,012	55,181	56,816	57,267	75,617	77,361	79,271	78,543	78,399
RETIRED PAY	16,411	17,037	17,639	18,243	18,889	19,295	19,476	19,484					
O+M	60,504	61,171	61,154	64,916	70,073	74,867	79,018	82,223	88,632	86,790	88,599	84,734	85,649
PROCUREMENT	53,635	53,953	51,032	51,785	64,100	81,029	94,457	98,299	104,461	98,887	89,465	86,834	80,037
RDT+E	20,091	20,177	19,817	19,618	22,262	25,441	27,901	31,674	34,972	37,513	38,746	38,624	38,157
MILITARY CONST	4,000	3,090	3,843	3,169	4,504	6,145	5,230	5,742	6,326	5,832	5,663	5,811	5,783
FAMILY HOUSING	2,473	2,449	2,597	2,210	2,714	2,861	3,158	3,082	3,215	3,095	3,389	3,419	3,272
SPEC FOREIGN CURR	7	4	21	9	4	4	5	4	10	2	4		
RESTRAINT ITEMS													
REV + MGMT FUNDS	429	311	168		716	440	1,108	2,967	1,766	1,655	711	862	-495
TRUST + RECEIPTS													
DEDUCT, INTRAGOV RECPT													
NAV PETRO RES RCPT													
TOTAL, CONSTANT \$	214,084	210,694	208,382	212,496	237,272	265,251	287,167	300,742	314,898	311,125	305,849	298,827	291,566
<b>% REAL GROWTH</b>													
MILITARY PERSONNEL	-3.4	-1.9	-0.7	0.8	2.8	2.2	3.0	0.8	32.0	2.3	2.5	-0.9	-0.2
RETIRED PAY	5.9	3.8	3.5	3.4	3.5	2.1	0.9	0.0	-100.0	0.0	0.0	0.0	0.0
O+M	2.3	1.1	0.0	6.2	7.9	6.8	5.6	4.1	7.7	-2.0	2.1	-4.4	1.1
PROCUREMENT	16.0	0.6	-5.4	1.5	23.8	26.4	16.6	4.1	6.3	-5.3	-9.5	-2.9	-7.8
RDT+E	2.4	0.4	-1.8	-1.0	13.5	14.3	9.7	13.5	10.4	7.3	3.3	-0.3	-1.2
MILITARY CONST	-6.1	-22.7	24.3	-17.5	42.1	36.4	-14.9	9.8	10.2	-7.8	-2.9	2.6	-0.5
FAMILY HOUSING	-4.6	-1.0	6.1	-14.9	22.8	5.4	10.4	-2.4	4.3	-3.7	9.5	0.9	-4.3
RESTRAINT ITEMS													
REV + MGMT FUNDS													
TRUST + RECEIPTS													
DEDUCT, INTRAGOV RECPT													
NAV PETRO RES RCPT													
TOTAL	4.0	-0.2	-1.1	2.1	11.7	11.8	8.3	4.7	4.7	-1.2	-1.7	-2.3	-2.4

**Table 6-2**  
**DEPARTMENT of DEFENSE TOA by CATEGORY**

	(\$ in Millions)						
	FY 61	FY 52	FY 53	FY 54	FY 55	FY 56	FY 57
<b>CURRENT DOLLARS</b>							
CIVILIAN PAYROLL	3,222	4,780	5,516	5,271	5,255	5,502	5,701
TOTAL MILPER ACTIVE	6,890	9,375	10,097	9,461	9,244	9,136	9,117
TOTAL RETPAY ACCRUAL							
OTHER MIL PERS	1,632	1,766	2,084	1,729	1,796	1,752	1,828
RETIRED PAY	324	331	356	386	422	479	511
TOTAL PAY	12,068	16,262	18,053	16,848	16,717	16,869	17,167
O+M, EXCLUDING PAY	8,855	9,686	6,419	4,289	3,943	4,485	4,695
PROC, RDT+E + CONST	24,250	31,251	19,811	9,292	13,130	16,711	17,872
TOTAL, NON-PAY	33,104	40,936	26,229	13,582	17,073	21,197	22,567
TOTAL, CURRENT \$	46,173	57,188	44,283	30,429	33,790	38,065	39,724
<b>CONSTANT FY 1989 DOLLARS</b>							
CIVILIAN PAYROLL	30,332	42,115	47,136	42,744	39,899	38,973	38,690
TOTAL MILPER ACTIVE	54,260	74,634	75,278	71,306	68,028	64,034	64,851
TOTAL RETPAY ACCRUAL							
OTHER MIL PERS	8,300	9,301	10,774	9,196	9,146	8,463	8,452
RETIRED PAY	1,855	1,932	2,049	2,380	2,451	2,603	2,672
TOTAL PAY	94,747	127,982	135,238	125,627	119,524	114,073	114,665
O+M, EXCLUDING PAY	42,958	47,864	31,976	21,179	18,386	20,017	19,754
PROC, RDT+E + CONST	125,793	165,871	102,600	46,207	61,782	77,510	80,684
TOTAL, NON-PAY	168,751	213,735	134,576	67,386	80,168	97,526	100,439
TOTAL, CONSTANT \$	263,498	341,717	269,815	193,012	199,691	211,600	215,104

**Table 6-2 [Continued]**  
**DEPARTMENT of DEFENSE TOA by CATEGORY**

	FY 64	FY 65	FY 66	FY 67	FY 68	FY 69	FY 70	FY 71	FY 72	FY 73	FY 74	FY 75	FY 76	FY 78
<b>CURRENT DOLLARS</b>														
CIVILIAN PAYROLL	7,502	7,833	8,500	9,664	10,578	11,301	12,204	12,504	13,222	13,574	14,137	15,334	16,418	
TOTAL MILPER ACTIVE	10,616	11,019	12,178	14,111	15,264	16,699	18,638	18,676	19,762	20,494	21,013	21,673	21,885	
TOTAL RETPAY ACCRUAL														
OTHER MIL PERS	2,368	2,411	3,277	4,125	4,697	4,686	4,340	3,949	3,385	3,146	3,090	3,312	3,544	
RETIRIED PAY	1,211	1,386	1,592	1,831	2,093	2,443	2,853	3,369	3,889	4,392	5,137	6,239	7,326	
<b>TOTAL PAY</b>	<b>21,696</b>	<b>22,648</b>	<b>25,547</b>	<b>29,721</b>	<b>32,633</b>	<b>36,129</b>	<b>38,036</b>	<b>38,518</b>	<b>40,258</b>	<b>41,605</b>	<b>43,378</b>	<b>46,457</b>	<b>49,173</b>	
O+M, EXCLUDING PAY	6,156	6,728	9,015	11,918	12,859	13,788	12,237	10,844	11,160	11,779	13,019	13,979	15,792	
PROC, RDT+E + CONST	21,694	20,184	29,968	29,949	29,474	28,836	25,240	23,483	25,049	25,541	25,297	26,696	30,694	
<b>TOTAL, NON-PAY</b>	<b>27,851</b>	<b>26,912</b>	<b>38,983</b>	<b>41,867</b>	<b>42,333</b>	<b>42,624</b>	<b>37,477</b>	<b>34,328</b>	<b>36,209</b>	<b>37,320</b>	<b>38,315</b>	<b>39,674</b>	<b>46,485</b>	
<b>TOTAL, CURRENT \$</b>	<b>49,547</b>	<b>49,560</b>	<b>64,531</b>	<b>71,588</b>	<b>74,965</b>	<b>77,752</b>	<b>75,512</b>	<b>72,846</b>	<b>76,467</b>	<b>78,925</b>	<b>81,693</b>	<b>86,132</b>	<b>95,658</b>	
<b>CONSTANT FY 89 DOLLARS</b>														
CIVILIAN PAYROLL	34,267	33,698	35,250	38,456	40,684	40,833	39,473	37,211	36,339	35,232	33,683	33,757	33,411	
TOTAL MILPER ACTIVE	60,661	60,602	61,920	68,458	70,730	71,717	69,539	64,336	58,337	53,806	51,656	49,741	48,016	
TOTAL RETPAY ACCRUAL														
OTHER MIL PERS	8,983	8,721	10,867	13,000	14,330	14,016	12,497	10,952	9,077	7,936	7,213	7,300	7,389	
RETIRIED PAY	5,747	6,464	7,107	7,884	8,720	9,659	10,494	11,268	12,123	12,906	13,765	14,661	15,494	
<b>TOTAL PAY</b>	<b>109,657</b>	<b>109,487</b>	<b>115,144</b>	<b>127,798</b>	<b>134,466</b>	<b>136,223</b>	<b>132,002</b>	<b>123,767</b>	<b>115,876</b>	<b>109,880</b>	<b>106,317</b>	<b>105,449</b>	<b>104,310</b>	
O+M, EXCLUDING PAY	24,915	26,841	34,609	43,842	45,567	47,539	40,434	34,575	33,978	33,611	32,727	30,839	32,586	
PROC, RDT+E + CONST	91,885	82,933	115,683	111,967	104,519	97,727	83,058	73,221	73,780	69,120	63,898	59,442	66,130	
<b>TOTAL, NON-PAY</b>	<b>116,800</b>	<b>109,774</b>	<b>150,292</b>	<b>155,809</b>	<b>160,086</b>	<b>145,266</b>	<b>123,492</b>	<b>107,796</b>	<b>107,768</b>	<b>102,731</b>	<b>96,625</b>	<b>90,281</b>	<b>98,716</b>	
<b>TOTAL, CONSTANT \$</b>	<b>226,457</b>	<b>219,261</b>	<b>265,436</b>	<b>283,607</b>	<b>284,561</b>	<b>281,489</b>	<b>266,494</b>	<b>231,563</b>	<b>223,634</b>	<b>212,611</b>	<b>202,942</b>	<b>195,730</b>	<b>203,026</b>	

**Table 6-2 [Continued]**  
**DEPARTMENT of DEFENSE TOA by CATEGORY**  
 (\$ in Millions)

	FY 77	FY 78	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
<b>CURRENT DOLLARS</b>													
CIVILIAN PAYROLL	17,549	18,854	20,494	22,262	23,775	26,065	27,763	29,454	31,407	32,165	33,737	36,737	38,007
TOTAL MILPER ACTIVE	22,598	23,815	25,084	26,854	31,067	36,930	39,090	41,367	43,967	46,220	47,713	49,886	51,249
TOTAL RETPAY ACCRUAL													
OTHER MIL PERS	3,350	3,369	3,566	4,211	5,679	5,899	6,548	6,810	7,038	8,061	8,537	7,934	8,605
RETIRED PAY	8,219	9,173	10,282	11,920	13,724	14,940	15,954	16,503					
TOTAL PAY	51,716	55,211	59,426	65,246	74,245	83,835	89,355	94,134	99,484	103,861	108,228	112,882	116,406
O+M, EXCLUDING PAY	18,150	19,895	20,189	27,219	34,957	39,834	43,425	45,533	51,124	49,308	51,994	50,462	53,112
PROC, RDT+E + CONST	37,701	41,022	45,106	49,517	66,346	87,230	103,745	115,764	126,937	127,352	123,254	125,681	122,048
TOTAL, NON-PAY	55,852	60,917	65,295	76,736	101,303	127,064	147,169	161,297	178,060	176,659	175,247	176,143	175,160
TOTAL, CURRENT \$	107,567	116,128	124,721	141,983	175,548	210,899	236,525	255,431	277,544	280,520	283,475	289,025	291,566
<b>CONSTANT FY 89 DOLLARS</b>													
CIVILIAN PAYROLL	32,821	32,728	33,575	34,144	33,545	35,841	36,204	36,909	38,052	38,121	38,000	38,018	38,007
TOTAL MILPER ACTIVE	46,902	46,207	45,932	45,896	46,613	47,916	49,065	49,455	50,371	50,952	50,671	51,703	51,249
TOTAL RETPAY ACCRUAL													
OTHER MIL PERS	6,634	6,295	6,180	6,649	7,398	7,264	7,751	7,813	17,393	17,624	19,549	18,672	18,546
RETIRED PAY	16,411	17,037	17,639	18,243	18,889	19,295	19,476	19,484					
TOTAL PAY	102,767	102,267	103,325	104,933	106,446	110,316	112,496	113,660	113,668	115,472	117,270	116,561	116,406
O+M, EXCLUDING PAY	34,629	35,166	32,169	35,012	41,243	44,038	48,328	50,747	56,187	54,544	56,547	52,334	53,112
PROC, RDT+E + CONST	73,688	73,261	72,888	72,551	89,583	110,897	126,343	136,335	145,043	141,109	132,031	129,932	122,048
TOTAL, NON-PAY	108,317	108,427	105,057	107,563	130,826	154,935	174,671	187,082	201,230	195,653	188,579	182,266	175,160
TOTAL, CONSTANT \$	211,084	210,694	208,382	212,496	237,272	265,251	287,167	300,742	314,898	311,125	305,849	298,827	291,566

**Table 6-3**  
**DEPARTMENT of DEFENSE TOA by SERVICE**  
 (\$ in Millions)

	FY 51	FY 52	FY 53	FY 54	FY 55	FY 56	FY 57	FY 58	FY 59	FY 60	FY 61	FY 62	FY 63
<b>CURRENT DOLLARS</b>													
ARMY	17,453	21,685	13,475	9,892	10,813	9,901	9,919	9,757	9,555	9,867	10,528	12,467	11,826
NAVY	12,212	15,147	11,762	8,080	9,993	10,615	10,805	11,550	12,148	11,727	12,820	14,592	14,657
AIR FORCE	15,102	19,986	18,650	12,029	12,469	16,997	18,449	19,158	19,599	17,662	20,098	19,730	20,427
DEFENSE AGENCIES/OSD	12	14	14	12	13	13	14	36	182	234	250	268	882
DEFENSE-WIDE	393	357	382	416	501	539	537	623	710	767	947	1,377	1,629
TOTAL, CURRENT \$	45,173	57,188	44,283	30,429	33,790	38,065	39,724	41,124	42,193	40,257	44,643	48,434	49,420
<b>CONSTANT FY 1989 DOLLARS</b>													
ARMY	99,738	125,898	84,341	64,707	64,986	56,686	55,862	51,998	49,019	49,417	51,171	59,800	56,263
NAVY	73,410	94,877	73,566	54,077	61,055	62,338	62,573	64,123	65,047	61,106	66,548	74,023	72,814
AIR FORCE	88,072	118,773	109,622	71,688	70,758	89,631	93,813	94,579	93,690	84,499	94,176	92,788	94,591
DEFENSE AGENCIES/OSD	100	113	112	94	92	90	85	166	726	924	982	1,051	3,567
DEFENSE-WIDE	2,178	2,057	2,173	2,516	2,799	2,856	2,781	3,152	3,370	3,673	4,468	6,303	7,420
TOTAL, CONSTANT \$	263,498	341,717	269,815	193,012	199,691	211,600	215,104	214,018	211,851	199,621	217,346	233,966	234,654
<b>% REAL GROWTH</b>													
ARMY	219.7	26.2	-33.0	-23.3	0.4	-12.8	-1.5	-6.9	-5.7	0.8	3.5	16.9	-5.9
NAVY	130.5	29.2	-22.5	-26.6	13.1	2.1	0.4	2.5	1.4	-6.1	8.9	11.2	-1.6
AIR FORCE	153.2	34.9	-7.7	-34.6	-1.3	26.7	4.7	0.8	-0.9	-9.8	11.5	-1.5	1.9
DEFENSE AGENCIES/OSD	16.7	12.6	-0.8	-16.0	-1.7	-3.0	-5.4	95.8	338.1	27.3	6.2	7.1	239.2
DEFENSE-WIDE	19.8	-5.6	6.7	15.8	11.2	2.0	-2.6	13.3	6.9	9.0	21.6	41.1	17.7
TOTAL	164.2	29.7	-21.0	-28.5	3.5	6.0	1.7	-0.5	-1.0	-5.8	8.9	7.6	0.3

**Table 6-3 [Continued]**  
**DEPARTMENT of DEFENSE TOA by SERVICE**

	(\$ in Millions)												
	FY 64	FY 65	FY 66	FY 67	FY 68	FY 69	FY 70	FY 71	FY 72	FY 73	FY 74	FY 75	FY 76
<b>CURRENT DOLLARS</b>													
ARMY	12,275	12,219	18,510	22,369	24,962	25,769	23,963	22,280	22,094	21,480	21,648	21,644	23,759
NAVY	14,460	14,866	19,185	21,190	20,781	21,562	22,462	21,691	24,041	26,324	26,934	27,962	31,360
AIR FORCE	19,958	19,428	23,309	24,270	24,974	25,867	23,875	23,016	23,799	24,696	24,772	26,024	28,395
DEFENSE AGENCIES/OSD	1,007	1,060	1,280	1,451	1,498	1,570	1,721	1,691	1,745	2,007	2,133	3,102	3,187
DEFENSE-WIDE	1,857	1,997	2,246	2,307	2,749	3,005	3,492	4,168	4,788	5,418	6,306	7,399	8,657
TOTAL, CURRENT \$	49,547	49,560	64,531	71,588	74,965	77,752	75,512	72,846	76,467	78,925	81,693	86,132	95,658
<b>CONSTANT FY 89 DOLLARS</b>													
ARMY	55,889	53,833	74,412	86,610	93,041	91,866	79,460	69,681	63,471	56,816	52,459	48,652	50,198
NAVY	68,287	67,328	80,238	85,216	79,277	78,018	76,110	68,589	69,489	66,990	66,704	63,569	66,620
AIR FORCE	90,011	85,195	96,414	96,838	95,909	94,729	81,975	74,665	71,098	67,813	61,941	59,407	60,771
DEFENSE AGENCIES/OSD	4,020	4,122	4,867	5,361	5,356	5,354	5,451	5,040	4,899	5,325	5,169	6,870	7,186
DEFENSE-WIDE	8,250	8,783	9,505	9,581	10,968	11,523	12,497	13,587	14,678	15,667	16,667	17,232	18,250
TOTAL, CONSTANT \$	226,457	219,261	265,436	283,607	284,561	281,489	266,494	231,563	223,634	212,611	202,942	195,730	203,026
<b>% REAL GROWTH</b>													
ARMY	-0.7	-3.7	38.2	16.4	7.4	-1.3	-13.5	-12.3	-8.9	-10.5	-7.7	-7.3	3.2
NAVY	-6.2	-1.4	19.2	6.2	-7.0	-1.6	-2.4	-9.9	1.3	-3.6	-0.4	-4.7	4.8
AIR FORCE	-4.8	-5.4	13.2	0.4	-1.0	-1.2	-13.5	-8.9	-4.8	-4.6	-8.7	-4.1	2.3
DEFENSE AGENCIES/OSD	12.7	2.5	18.1	10.1	-0.1	0.0	1.8	-7.5	-2.8	8.7	-2.9	32.9	4.6
DEFENSE-WIDE	11.2	6.5	8.2	0.8	14.5	5.1	8.5	8.7	8.0	6.7	6.4	3.4	5.9
TOTAL	-3.5	-3.2	21.1	6.8	0.3	-1.1	-9.2	-3.4	-4.9	-4.5	-3.6	3.7	

**Table 6-3 [Continued]**  
**DEPARTMENT of DEFENSE TOA by SERVICE**  
 (\$ in Millions)

	FY 77	FY 78	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
<b>CURRENT DOLLARS</b>													
ARMY	26,703	28,950	31,497	34,572	43,176	52,099	57,411	61,565	73,076	74,197	75,571	76,716	78,049
NAVY	36,353	39,504	41,694	46,984	57,050	68,293	79,889	80,548	93,384	93,834	94,802	102,598	96,618
AIR FORCE	31,145	32,877	34,873	41,556	52,370	64,989	73,487	85,418	97,302	95,189	94,355	90,363	97,471
DEFENSE AGENCIES/OSD	3,772	4,152	4,624	5,268	6,758	7,887	9,275	10,700	12,947	15,568	17,583	17,218	18,683
DEFENSE-WIDE	9,595	10,645	12,033	13,603	16,194	17,630	16,461	17,200	836	1,732	1,165	2,129	746
TOTAL, CURRENT \$	107,567	116,128	124,721	141,983	175,548	210,899	236,525	255,431	277,544	280,520	283,475	289,025	291,566
<b>CONSTANT FY 89 DOLLARS</b>													
ARMY	52,397	52,653	53,131	53,427	59,976	66,907	70,848	73,201	83,204	82,244	81,488	79,304	78,049
NAVY	70,843	70,977	68,847	69,470	76,523	85,562	96,792	94,715	105,894	104,012	102,197	106,013	96,618
AIR FORCE	61,651	60,145	58,477	61,130	69,408	79,895	87,892	99,701	109,837	105,405	101,808	93,468	97,471
DEFENSE AGENCIES/OSD	7,156	7,278	7,450	7,819	9,213	10,257	11,540	12,821	15,010	17,543	19,104	17,836	18,683
DEFENSE-WIDE	19,037	19,642	20,477	20,650	22,152	22,631	20,095	20,304	953	1,921	1,251	2,206	746
TOTAL, CONSTANT \$	211,084	210,694	208,382	212,496	237,272	265,251	287,167	300,742	314,898	311,125	305,849	298,827	291,566
<b>% REAL GROWTH</b>													
ARMY	4.4	0.5	0.9	0.6	12.3	11.6	5.9	3.3	13.7	-1.2	-0.9	-2.7	-1.6
NAVY	6.3	0.2	-3.0	0.9	10.2	11.8	13.1	-2.1	11.8	-1.8	-1.7	3.7	-8.9
AIR FORCE	1.4	-2.4	-2.8	4.5	13.5	15.1	10.0	13.4	10.2	-4.0	-3.4	-8.2	4.3
DEFENSE AGENCIES/OSD	-0.4	1.7	2.4	5.0	17.8	11.3	12.5	11.1	17.1	16.9	8.9	-6.6	4.7
DEFENSE-WIDE	4.3	3.2	4.3	0.8	7.3	2.2	-11.2	1.0	-95.3	101.5	-34.8	76.3	-66.2
TOTAL	4.0	-0.2	-1.1	2.0	11.7	11.8	8.3	4.7	4.7	-1.2	-1.7	-2.3	-2.4

**Table 6-4**  
**DEPARTMENT of DEFENSE TOA by PROGRAM**  
**(\$ in Millions)**

This table is not provided this year because the major force programs were not updated due to the shift to a biennial PPBS cycle.

Table 6-5  
DEPARTMENT of DEFENSE TOA by PROGRAM  
(FY 1989 \$ in Millions)

This table is not provided this year because the major force programs were not updated due to the shift to a biennial PPBS cycle.

**Table 6-6**  
**DOD TOA, BA & OUTLAYS by ACCOUNT**  
 (Current \$ in Millions)

MILITARY PERSONNEL	TOA			B/A			OUTLAYS		
	FY 86	FY 87	FY 88	FY 86	FY 87	FY 88	FY 86	FY 87	FY 88
MIL.PERS.ARMY	16,901	17,389	17,777	18,469	16,639	17,133	18,459	16,882	17,718
RETPAY (ACRL) MP,A	5,453	5,919	5,924	5,559	5,453	5,919	5,924	5,463	5,912
MIL.PERS.NAVY	12,862	13,305	13,785	14,437	11,911	13,261	13,785	12,892	13,667
RETPAY (ACRL) MP,N	3,964	4,364	4,391	4,229	3,964	4,364	4,391	3,970	4,366
MIL.PERS.M.C.	3,898	4,049	4,159	4,306	3,612	4,018	4,169	4,306	4,093
RETPAY (ACRL) MP,MC	1,263	1,389	1,384	1,410	1,283	1,389	1,384	1,410	1,384
MIL.PERS.A.F.	14,247	14,658	14,807	15,098	13,112	14,500	14,807	14,173	14,181
RETPAY (ACRL) MP,AF	4,616	5,036	5,009	4,996	4,616	5,036	5,009	4,616	5,006
RES.PERS.ARMY	1,627	1,742	1,873	1,870	1,612	1,747	1,873	1,624	1,720
RETPAY (ACRL) RP,A	522	367	390	390	522	367	390	544	354
RES.PERS.NAVY	1,009	1,116	1,219	1,314	945	1,117	1,219	972	1,078
RETPAY (ACRL) RP,N	320	278	294	308	320	278	294	308	289
RES.PERS.M.C.	216	233	246	263	204	234	246	263	206
RETPAY (ACRL) RP,MC	67	44	50	53	67	44	50	53	62
RES.PERS.A.F.	450	480	521	557	428	480	521	443	480
RETPAY (ACRL) RP,AF	152	89	94	98	152	89	94	136	91
NAT'L GUARD PERS.A.	2,361	2,512	2,634	2,719	2,256	2,513	2,634	2,393	2,470
RETPAY (ACRL) NG,A	801	571	600	607	801	571	600	607	729
NAT'L GUARD PERS.AF	719	766	799	830	661	767	799	830	692
RETPAY (ACRL) NG,AF	255	181	189	197	256	181	189	252	199
TOT MILPER ACTIVE	64,281	56,250	57,820	59,853	50,380	55,769	57,820	54,163	53,886
TOT RETPAY ACCRUAL	17,416	18,241	18,325	18,546	17,416	18,241	18,325	17,348	18,283
<b>TOTAL - MIL. PERS.</b>	<b>71,695</b>	<b>74,491</b>	<b>76,145</b>	<b>76,399</b>	<b>67,794</b>	<b>74,010</b>	<b>76,145</b>	<b>76,399</b>	<b>71,511</b>
									<b>72,020</b>
									<b>75,453</b>
									<b>77,827</b>

**DOD TOA, BA & OUTLAYS by ACCOUNT**  
 Table 6-6 [Continued]  
 (Current \$ in Millions)

**Table 6-6 [Continued]**  
**DOD TOA, BA & OUTLAYS by ACCOUNT**  
(Current \$ in Millions)

	TOA				B/A				OUTLAYS			
	FY 86	FY 87	FY 88	FY 89	FY 86	FY 87	FY 88	FY 89	FY 86	FY 87	FY 88	FY 89
<b>PROCUREMENT</b>												
PROC. EQUIP. MISSILE, A	3,277	2,732	2,718	2,792	3,342	2,686	2,657	2,792	2,987	3,306	2,781	2,773
AIRCRAFT PROC. ,ARMY	2,761	2,125	2,321	2,587	2,762	2,084	2,262	2,587	2,478	2,314	2,333	2,291
MISSILE PROC. ,ARMY	4,037	3,681	3,207	2,961	4,393	3,592	3,093	2,961	3,648	4,173	3,250	3,236
PROC. WPNS+TRAC. VEH,A	2,335	2,080	2,274	2,008	2,375	2,015	2,266	2,008	1,933	2,111	1,859	2,130
PROC. AMMUNITION,ARMY	4,862	4,950	5,113	4,774	5,015	4,848	4,997	4,774	4,000	3,934	4,471	4,646
NATL GUARD EQUIP									2	2		
RESERVE EQUIP,A												
PROC. AIRCFT+MISSILE, N	10,071	9,682	9,418	8,980	10,496	9,368	9,000	8,980	8,922	9,614	9,682	9,126
AIRCRAFT PROC. ,NAVY	4,756	4,968	5,835	6,272	4,972	4,991	5,446	6,272	3,475	3,946	4,267	4,836
WEAPONS PROC. ,NAVY	9,612	10,055	16,155	9,130	10,350	9,041	15,903	9,130	9,501	9,316	9,343	10,066
SHIPS + CONVERSION,N	5,868	5,748	4,731	4,790	6,102	5,803	4,473	4,790	4,166	4,600	4,891	5,022
OTHER PROCUREMENT,N												
RESERVE EQUIP,N												
PROC. MARINE CORPS	1,531	1,439	1,296	1,157	1,558	1,436	1,233	1,157	1,763	1,674	1,461	1,366
AIRCRAFT PROC.,A.F.	21,418	16,650	12,929	16,630	22,116	16,123	11,991	16,630	18,920	20,036	17,177	16,090
MISSILE PROC.,A.F.	7,676	7,954	7,350	8,158	7,928	6,761	7,143	8,158	6,473	6,002	6,596	7,737
OTHER PROC.,A.F.	8,007	9,252	8,012	8,394	8,153	9,076	7,953	8,394	7,246	7,777	8,874	8,126
PROC. DEF AGENCIES	1,224	1,447	1,301	1,216	1,229	1,522	1,195	1,216	953	1,338	1,371	1,303
EQUIP. PROC.,NG + RES	1,470	557	1,200	1,470	557	1,182	1,182	64	606	585	585	800
DEF. PROD PURCHASES	29	13	13	28	29	13	28	1	1	1	1	1
NATO COOP PROGRAM	14				14							
COASTAL DEF AUGMENT	342	200	20		202	200	20					
COASTAL DEF AUGMENT												
DOD CHEM DEMIL PROG												
<b>TOTAL --PROCUREMENT</b>	<b>89,292</b>	<b>83,652</b>	<b>84,091</b>	<b>80,037</b>	<b>92,506</b>	<b>80,234</b>	<b>81,027</b>	<b>80,037</b>	<b>76,517</b>	<b>80,744</b>	<b>79,166</b>	<b>79,820</b>
<b>RES. DEVELOP. TEST,+EVAL</b>												
RDTE+E,ARMY	4,577	4,699	4,671	5,031	4,563	4,589	4,657	5,031	3,984	4,721	4,539	4,802
RDTE+E,NAVY	9,521	9,292	9,513	9,216	9,572	9,305	9,445	9,216	9,667	9,176	8,339	8,803
RDTE+E, AIR FORCE	13,161	16,051	15,165	14,932	13,109	14,903	14,688	14,932	13,417	13,347	12,905	14,242
RDTE+E,DEF.AGENCIES	6,303	6,768	7,662	8,668	6,250	6,716	7,653	8,668	5,143	6,269	7,175	8,183
DIR OF T+E,DEF.	114	120	192	167	114	120	182	167	72	79	137	179
DIR OF OPER, T+E,DEF	11	70	143	11	70	143	11	70	4	32	32	86
<b>TOTAL--RDTE+E</b>	<b>33,676</b>	<b>35,941</b>	<b>37,263</b>	<b>38,157</b>	<b>33,609</b>	<b>35,644</b>	<b>36,695</b>	<b>38,157</b>	<b>32,283</b>	<b>33,596</b>	<b>33,127</b>	<b>36,295</b>

**DOD TOA, BA & OUTLAYS by ACCOUNT**  
 Table 6-6 [Continued]  
 (Current \$ in Millions)

**Table 6-6 [Continued]**  
**DOD TOA, BA & OUTLAYS by ACCOUNT**  
 (Current \$ in Millions)

	FY 86	TOA FY 87	TOA FY 88	FY 89	FY 86	TOA FY 87	B/A FY 88	FY 89	FY 86	OUTLAYS FY 87	FY 88	FY 89
SPEC. FORGN. CURR. PROGM.												
SPEC. FORGN Curr. PROG	2	4			2	4			3	2	3	1
DEFENSE-WIDE CONTINGCY												
UNALLOCATED												
UNALLOC PROPOSED RESCISSIONS					-495							
TOTAL --UNALLOCATED					-495							
REVOLVING + MNGT. FUNDS												
N DEF STOCKPILE FUND												
DEF. PROD. GUARNT. ARMY												
DEF. PROD. GUARNT. NAVY												
DEF. PROD. GUARNT. A.F.												
DEF. PROD. GUARNT. DSA												
DPG . FFB DIR LOAN												
DPG . FFB DIR LOAN												
LAUNDRY SER NAVAL AC												
ARMY WORKING FUND												
NAVAL WORKING FUND												
ARMY STOCK FUND	374	110	193	322	1,168	110	193	322	759	273	278	184
NAVY STOCK FUND	607	363	329	205	2,089	517	329	205	716	677	428	462
M.C. STOCK FUND	36	1	1			38	1		44	8		
A.F. STOCK FUND	396	140	226	207	752	202	226	207	1,266	301	485	280
DEFENSE STOCK FUND	84	47	63	30	541	1,694	63	30	172	1,034	136	-10
ADP MGMT FUND												
ARMY INDUSTRIAL FUND												
NAVY INDUSTRIAL FUND												
MARINER FUND												
M.C. INDUSTRIAL FUND												
A.F. INDUSTRIAL FUND												
DEF. INDUSTRIAL FUND												
ARMY MNGT FUND												
NAVY MNGT FUND												
AIR FORCE MNGT FUND												
UNAPPLIED STK FND,A												
<b>TOTAL--REV.+MNGT F.</b>	<b>1,497</b>	<b>661</b>	<b>830</b>	<b>764</b>	<b>5,235</b>	<b>2,612</b>	<b>830</b>	<b>764</b>	<b>2,877</b>	<b>3,522</b>	<b>1,359</b>	<b>826</b>

**DOD TOA, BA & OUTLAYS by ACCOUNT**  
 Table 6-6 [Continued]  
 (Current \$ in Millions)

DED FOR OFFSETTING REC	OUTlays											
	FY 86	FY 87	TOA	FY 88	FY 89	FY 86	FY 87	B/A	FY 88	FY 89		
OFFSETTING REC. ARMY	-276	-188	-240	-243	-240	-276	-188	-240	-243	-243		
OFFSETTING REC. NAVY	-176	-168	-178	-182	-178	-176	-158	-178	-182	-182		
OFFSETTING REC. A.F.	-216	-400	-239	-247	-247	-216	-400	-239	-247	-247		
OFFSETTING REC. D.A.	-63	-68	-70	-72	-70	-63	-68	-70	-72	-72		
<b>TOTAL--OFFSETT. REC.</b>	<b>-732</b>	<b>-813</b>	<b>-727</b>	<b>-743</b>	<b>-732</b>	<b>-813</b>	<b>-727</b>	<b>-743</b>	<b>-727</b>	<b>-743</b>		
<b>TRUST FUNDS</b>												
TRUST FUNDS, ARMY												
OFFSETT RCPTS (TR), A												
TRUST FUNDS, NAVY												
TRUST FUNDS, A. F.												
TRUST FUNDS, A.												
TRUST REV FUNDS, N.												
TRUST REV FUNDS, AF												
ARMY GIFT FUND (T)												
USNA GIFT FUND (T)												
USNA MUSEUM FUND (T)												
NAVY GIFT FUND (T)												
SHIPS STORES PROF (T)												
NAVAL REC + HIST (T)												
AF GIFT FUND (T)												
SURCHG COLL COMM (TR)												
MIDSHIPMAN STORE (TR)												
SURCHG COLL COMM (TR)												
SURCHG COLL COMM (TR)												
AF CADET FUND (TR)												
AINSWORTH LIBRARY												
<b>TOTAL--TRUST + REV.</b>	<b>25</b>	<b>32</b>	<b>24</b>	<b>24</b>	<b>54</b>	<b>26</b>	<b>43</b>	<b>43</b>	<b>39</b>	<b>39</b>		
<b>DEDUCT INTRAGOVT RCPT</b>												
NAVY	-22	-28	-23	-23	-22	-28	-23	-23	-23	-23		
<b>GRAND TOT--DEPT.OF DEF</b>	<b>280,520</b>	<b>283,475</b>	<b>289,025</b>	<b>291,566</b>	<b>281,390</b>	<b>279,469</b>	<b>283,159</b>	<b>290,784</b>	<b>265,636</b>	<b>274,007</b>	<b>277,275</b>	<b>285,500</b>

**Table 6-6 [Continued]**  
**DOD TOA, BA & OUTLAYS by ACCOUNT**  
<sup>(Current \$ in Millions)</sup>

SUMMARY BY SERVICE	TOA	FY 86			FY 87			FY 88			FY 89			B/A			OUTLAYS		
		FY 86	FY 87	FY 88	FY 86	FY 87	FY 88	FY 86	FY 87	FY 88	FY 86	FY 87	FY 88	FY 86	FY 87	FY 88	FY 89		
ARMY TOTAL	74,197	75,571	76,716	78,049	73,128	73,994	75,790	77,806	71,107	73,808	75,027	76,595							
NAVY TOTAL	93,834	94,802	102,598	96,618	96,113	93,500	100,141	96,437	88,492	90,813	91,703	96,176							
AIR FORCE TOTAL	96,189	94,365	90,363	97,471	94,870	91,624	88,150	97,224	91,188	91,144	92,269	94,549							
DEF. AG./OSD TOTAL	15,568	17,583	17,218	18,683	15,520	19,185	17,016	18,611	14,283	17,254	17,096	17,832							
DEF. WIDE TOTAL	1,732	1,165	2,129	746	1,759	1,168	2,064	706	565	987	1,180	1,350							
UNDISTRIBUTED																			
<b>GRAND TOT--DEPT.OF DEF</b>	<b>280,520</b>	<b>283,475</b>	<b>289,025</b>	<b>291,566</b>	<b>281,390</b>	<b>279,469</b>	<b>283,159</b>	<b>290,784</b>					<b>265,636</b>	<b>274,007</b>	<b>277,275</b>	<b>285,500</b>			
SUMMARY BY FUNC.TITLE																			
MILITARY PERSONNEL	71,695	74,491	76,145	78,399	67,794	74,010	76,145	78,399	71,511	72,020	75,453	77,827							
RETIED PAY DEFENSE																			
OPER. AND MAINTENANCE	76,336	80,312	81,774	85,649	74,888	79,607	80,684	85,649	75,269	76,178	80,433	82,725							
PROCUREMENT	89,292	83,652	84,091	80,037	92,506	80,234	81,027	80,037	76,517	80,744	79,166	79,820							
RES. DEVELOP TEST+EVL	33,676	35,941	37,263	38,157	33,809	35,644	36,696	38,157	32,283	33,596	33,127	36,295							
MILITARY CONST.	5,230	5,267	5,621	5,783	5,281	5,093	5,354	5,743	5,067	5,853	5,419	5,668							
FAMILY HOUSING	2,792	3,147	3,301	3,272	2,803	3,075	3,149	3,272	2,819	2,908	3,023	3,229							
SPEC. FG/N.CURR.PROG.	2	4	2	4	2	4	3	4	3	2	3	1							
REVOL.+MNGT FUNDS	1,497	661	830	764	5,235	2,612	830	764	2,877	3,522	1,359	826							
DED. FOR OFFSET REC.					-732	-813	-727	-743	-732	-813	-727	-743							
TRUST+TRUST REV FND'S						25	32	24	54	26	43	39							
DED. INTRAGOV'T RCPT					-22	-28	-23	-23	-22	-28	-23	-23							
UNALLOCATED									-495									-163	
<b>GRAND TOT--DEPT.OF DEF</b>	<b>280,520</b>	<b>283,475</b>	<b>289,025</b>	<b>291,566</b>	<b>281,390</b>	<b>279,469</b>	<b>283,159</b>	<b>290,784</b>					<b>265,636</b>	<b>274,007</b>	<b>277,275</b>	<b>285,500</b>			

**Table 6-7**  
**DOD TOA, BA & OUTLAYS by ACCOUNT**  
(FY 1989 \$ in Millions)

	TOA			FY 86			FY 87			FY 88			B/A			OUTLAYS			FY 86			FY 87			FY 88			
		FY 86	FY 87	FY 88		FY 86	FY 87	FY 88		FY 86	FY 87	FY 88		FY 86	FY 87	FY 88		FY 86	FY 87	FY 88		FY 86	FY 87	FY 88				
<b>MILITARY PERSONNEL</b>																												
MIL PERS. ARMY	18,598	18,462	18,408	18,459		17,224	18,191	18,408	18,459		18,577	17,296	18,348	18,372														
RETPAY (ACRL) MP, A	6,519	6,344	6,036	5,959		5,519	6,344	6,036	5,959		6,529	6,368	6,024	5,947														
MIL PERS. NAVY	14,139	14,126	14,272	14,437		13,114	14,079	14,272	14,437		14,181	13,490	14,161	14,338														
RETPAY (ACRL) MP, N	4,012	4,677	4,474	4,529		4,012	4,677	4,474	4,529		4,018	4,679	4,472	4,526														
MIL PERS. M.C.	4,290	4,299	4,307	4,306		3,979	4,266	4,307	4,306		4,278	4,245	4,240	4,241														
RETPAY (ACRL) MP, MC	1,278	1,489	1,410	1,278		1,278	1,489	1,410	1,410		1,271	1,386	1,410	1,410														
MIL PERS. A.F.	15,681	15,563	15,335	15,098		14,446	15,396	15,335	15,098		15,600	15,058	15,104	15,002														
RETPAY (ACRL) MP, AF	4,672	5,397	5,104	4,996		4,672	5,397	5,104	4,996		4,672	5,399	5,101	5,002														
RES. PERS. ARMY	1,789	1,850	1,838	1,870		1,773	1,855	1,938	1,870		1,785	1,826	1,914	1,844														
RETPAY (ACRL) RP, A	528	394	397	390		528	394	397	390		550	379	395	390														
RES. PERS. NAVY	1,110	1,184	1,261	1,314		1,039	1,185	1,261	1,314		1,069	1,145	1,229	1,272														
RETPAY (ACRL) RP, N	324	298	300	308		324	298	300	308		324	309	294	306														
RES. PERS. M.C.	237	247	254	263		224	248	254	263		227	239	248	257														
RETPAY (ACRL) RP, MC	68	48	51	53		68	48	51	53		63	58	58	53														
RES. PERS. A.F.	495	510	540	557		471	510	540	557		487	510	523	548														
RETPAY (ACRL) RP, AF	154	96	95	98		154	96	95	98		137	108	93	95														
NAT'L GUARD PERS. A.	2,596	2,667	2,728	2,719		2,482	2,667	2,728	2,719		2,631	2,623	2,644	2,645														
RETPAY (ACRL) NG, A	810	612	612	607		810	612	612	607		738	535	598	576														
NAT'L GUARD PERS. AF	792	814	827	830		729	815	827	830		762	787	803	808														
RETPAY (ACRL) NG, AF	268	194	193	187		258	194	193	197		255	213	191	196														
TOT MILPER ACTIVE	59,727	59,722	59,871	59,853		55,480	59,211	59,871	59,853		59,597	57,217	59,204	59,327														
TOT RETPAY ACCRUAL	17,624	19,549	18,672	18,546		17,624	19,549	18,672	18,546		17,557	19,433	18,629	18,500														
<b>TOTAL --MIL.PERS.</b>	<b>77,351</b>	<b>79,271</b>	<b>78,543</b>	<b>78,399</b>		<b>73,105</b>	<b>78,760</b>	<b>78,543</b>	<b>78,399</b>		<b>77,154</b>	<b>76,651</b>	<b>77,833</b>	<b>77,827</b>														

**DOD TOA, BA & OUTLAYS by ACCOUNT**  
Table 6-7 [Continued]  
 (FY 1989 \$ in Millions)

**Table 6-7 [Continued]**  
**DOD TOA, BA & OUTLAYS by ACCOUNT**  
(FY 1989 \$ in Millions)

PROCUREMENT	TOA				B/A				OUTLAYS			
	FY 86		FY 87	FY 88	FY 86		FY 87	FY 88	FY 88	FY 88	FY 88	FY 89
	TOA											
PROC. EQUIP. MISSILE, A												
AIRCRAFT PROC. ,ARMY	3,635	2,927	2,811	2,792	3,707	2,878	2,747	2,792	3,302	3,568	2,887	2,773
MISSILE PROC. ,ARMY	3,062	2,275	2,398	2,587	3,063	2,231	2,337	2,587	2,739	2,490	2,422	2,291
PROC. WPNs+TRAC. VEH. ,A	4,480	3,940	3,314	2,350	4,876	3,844	3,196	2,961	4,033	4,492	3,374	3,236
PROC. AMMUNITION, ARMY	2,583	2,226	2,350	2,008	2,626	2,156	2,342	2,008	2,137	2,273	1,929	2,130
OTHER PROC. ,ARMY	5,389	5,296	5,252	4,774	5,659	5,187	6,162	4,774	4,422	4,234	4,641	4,646
NAT'L GUARD EQUIP									2	2		
RESERVE EQUIP, A												
PROC. AIRCFT+MIS'LE, N												
AIRCRAFT PROC. ,NAVY	11,163	10,361	9,730	8,980	11,634	10,026	9,298	8,980	9,863	10,349	10,049	9,126
MISSILE PROC. ,NAVY	5,277	5,318	6,029	6,272	5,515	5,343	5,627	6,272	3,841	4,248	4,429	4,836
WEAPONS PROC. ,NAVY	10,568	10,689	16,632	9,130	11,379	9,611	16,373	9,130	10,503	10,027	9,698	10,066
SHIPS + CONVERSION, N	6,501	6,147	4,886	4,790	6,760	6,206	4,620	4,790	4,606	4,951	5,077	5,022
OTHER PROCUREMENT, N												
RESERVE EQUIP, N												
PROC. MARINE CORPS												
AIRCRAFT PROC. ,A.F.	1,695	1,538	1,338	1,167	1,724	1,535	1,273	1,157	1,938	1,802	1,506	1,366
MISSILE PROC. ,A.F.	23,45	17,816	13,356	16,630	24,520	17,251	12,387	16,630	20,915	21,567	17,829	16,090
OTHER PROC. ,A.F.	8,509	8,509	7,591	8,158	8,789	7,232	7,377	8,158	7,155	6,460	6,847	7,737
PROC. DEF. AGENCIES	8,865	9,919	8,290	8,394	9,026	9,730	8,230	8,394	8,010	8,371	9,211	8,126
EQUIP. PROC. ,NG + RES	1,368	1,552	1,346	1,216	1,363	1,633	1,237	1,216	1,054	1,440	1,423	1,303
DEF. PROD. PURCHASES	1,630	697	1,242	1,13	1,630	597	1,223	71	543	607	800	
NATO COOP. PROGRAM	16	33	14	28	33	14	13	28	1	2		
COASTAL DEF AUGMENT	379	214	21	224	214	21			61	116	144	
COASTAL DEF AUGMENT												
DOD CHEM DEMIL PROG	128	206	163	128	206	163			50	129	137	
<b>TOTAL --PROCUREMENT</b>	<b>98,387</b>	<b>89,465</b>	<b>86,834</b>	<b>80,037</b>	<b>102,444</b>	<b>85,815</b>	<b>83,669</b>	<b>80,037</b>	<b>84,587</b>	<b>86,914</b>	<b>82,175</b>	<b>79,820</b>
RES. DEVELOP. TEST, +EVAL												
RDT+E, ARMY	5,156	5,099	4,838	5,031	5,140	4,980	4,824	5,031	4,482	5,129	4,708	4,802
RDT+E, NAVY	10,569	9,997	9,862	9,216	10,625	10,011	9,792	9,216	10,694	9,883	8,656	8,803
RDT+E, AIR FORCE	14,656	16,225	15,721	14,932	14,599	16,066	15,225	14,932	14,886	14,407	13,394	14,242
RDT+E, DEF. AGENCIES	7,006	7,285	7,942	8,068	6,947	7,229	7,933	8,668	6,756	7,447	8,183	
DIR OF T+E, DEF.	126	129	189	167	127	129	189	143	79	85	142	179
DIR OF OPER, T+E, DEF		12	73	143	12	73	143	73	5	33	33	86
<b>TOTAL --RDT+E</b>	<b>37,513</b>	<b>38,746</b>	<b>38,624</b>	<b>36,157</b>	<b>37,438</b>	<b>38,426</b>	<b>38,035</b>	<b>38,157</b>	<b>35,836</b>	<b>36,263</b>	<b>34,380</b>	<b>36,295</b>

**Table 6-7 [Continued]**  
**DOD TOA, BA & OUTLAYS by ACCOUNT**  
(FY 1989 \$ in Millions)

	FY 86	FY 87	TOA	FY 88	FY 89	B/A	FY 88	FY 89	B/A	FY 88	FY 89	OUTLAYS	FY 87	FY 88	FY 89
<b>MILITARY CONSTRUCTION</b>															
MIL. CON., ARMY	1,676	1,428	1,302	1,144	1,716	1,314	1,203	1,144	1,631	1,961	1,657	1,452			
MIL. CON., NAVY	1,778	1,487	1,471	1,611	1,807	1,459	1,438	1,611	1,504	1,646	1,429	1,463			
SANTA MARGURITA PROJ															
MIL. CON., AIR FORCE	1,726	1,343	1,322	1,301	1,753	1,304	1,257	1,301	1,686	1,680	1,372	1,413			
MIL. CON., DEF. AGEN.	190	567	586	712	190	565	568	712	292	327	454	584			
MIL. CON. ARMY NAT'L. G.	108	161	191	138	108	161	188	138	109	123	116	156			
MIL. CON. AIR NAT'L. G.	128	169	156	148	128	159	153	148	145	165	143	134			
MIL. CON. ARMY RESERVE	65	93	99	80	66	93	97	80	66	62	78	83			
MIL. CON. NAVAL RES.	44	48	76	48	44	48	75	48	47	49	48	59			
MIL. CON. A.F. RES.	67	63	82	59	67	63	80	59	59	68	61	69			
FOREIGN CURREN FLUCT			88			71	88				26	26			
MIL. CON. RES COMP															
NATO INFRASTRUCTURE	51	323	437	542	11	250	387	502	199	240	239	230			
<b>TOTAL--MIL.COM.</b>	<b>5,832</b>	<b>5,663</b>	<b>5,811</b>	<b>5,783</b>	<b>5,888</b>	<b>5,478</b>	<b>5,535</b>	<b>5,743</b>	<b>5,638</b>	<b>6,322</b>	<b>5,623</b>	<b>5,668</b>			
<b>FAMILY HOUSING</b>															
FAM. HOUS. DEF. (CONST)		2													
FAM. HOUS. DEF. (DEBT)															
FAM. HOUS. DEF. (O+M)	15	4	8	5	5	2	6	6	5	4	7	1			
HOME ASSIST. FUND, DEF															
FAM. HOUS. INVEST. A	275	382	345	188	275	382	295	188	150	242	277	300			
FAM. HOUS. DBT PAYMT. A	1,228	1,328	1,327	1,340	1,234	1,294	1,299	1,340	1,340	1,319	1,267	1,287			
FAM. HOUS. INVEST. N	147	184	246	147	184	237	240	123	135						
FAM. HOUS. DBT PAYMT. N	549	565	555	555	554	569	547	555	580	538	533	532			
FAM. HOUS. INVEST. A.F.	191	118	166	181	191	112	142	181	102	140	149	158			
FAM. HOUS. DEBT PAY. AF	683	788	753	742	686	748	716	742	819	728	750	745			
FAM. HOUS. INVEST. D.A.															
FAM. HOUS. DEBT. D.A.															
<b>TOTAL--FAM.HOUS.</b>	<b>3,095</b>	<b>3,389</b>	<b>3,419</b>	<b>3,272</b>	<b>3,108</b>	<b>3,312</b>	<b>3,263</b>	<b>3,272</b>	<b>3,118</b>	<b>3,138</b>	<b>3,137</b>	<b>3,229</b>			

**Table 6-7 [Continued]**  
**DOD TOA, BA & OUTLAYS by ACCOUNT**  
(FY 1989 \$ in Millions)

	TOA				B/A				OUTLAYS			
	FY 86	FY 87	FY 88	FY 89	FY 86	FY 87	FY 88	FY 89	FY 86	FY 87	FY 88	FY 89
SPEC. FORGN CURR. PROGR.												
UNALLOCATED	2	4			2	4			3	2	3	1
UNALLOC PROPOSED RESCISSIONS			-495				-495				-163	
TOTAL--UNALLOCATED			-495				-495				-163	
REVOLVING + MNGT. FUNDS												
N DEF STOCKPILE FUND	11	20			11	20					2	
DEF. PROD. GUARNT. ARMY											6	
DEF. PROD. GUARNT. NAVY											2	
DEF. PROD. GUARNT. A.F.											2	
DEF. PROD. GUARNT. DSA											2	
DPG, FFB DIR LOAN											10	
DPG, FFB DIR LOAN											-10	
LAUNDRY SER. NAVAL AC												
ARMY WORKING FUND												
NAVAL WORKING FUND												
ARMY STOCK FUND	413	119	201	322	1,291	119	201	322	839	294	289	184
NAVY STOCK FUND	671	380	342	205	2,309	557	342	205	790	729	444	462
M.C. STOCK FUND	40	1				42	1		48	9		
A.F. STOCK FUND	437	151	235	207	832	217	235	207	1,399	324	503	280
DEFENSE STOCK FUND	93	51	65	30	598	1,824	65	30	1,190	1,113	140	-10
ADP MGMT FUND												
ARMY INDUSTRIAL FUND												
NAVY INDUSTRIAL FUND												
MARINER FUND												
M.C. INDUSTRIAL FUND											7	-9
A.F. INDUSTRIAL FUND											-119	163
DEF. INDUSTRIAL FUND											156	36
ARMY MNG'T FUND											24	22
NAVY MNG'T FUND											10	3
AIR FORCE MNG'T FUND												
UNAPPLIED STK FND,A												
<b>TOTAL--REV.+MNGT F.</b>	<b>1,655</b>	<b>711</b>	<b>862</b>	<b>764</b>	<b>5,787</b>	<b>2,811</b>	<b>862</b>	<b>764</b>	<b>3,180</b>	<b>3,792</b>	<b>1,411</b>	<b>826</b>

**DOD TOA, BA & OUTLAYS by ACCOUNT**  
**(FY 1989 \$ in Millions)**

DED FOR OFFSETTING REC	TOA				B/A				OUTLAYS			
	FY 86	FY 87	FY 88	FY 89	FY 86	FY 87	FY 88	FY 89	FY 86	FY 87	FY 88	FY 89
OFFSETTING REC., ARMY	-306	-202	-249	-243	-306	-202	-249	-243	-306	-202	-249	-243
OFFSETTING REC., NAVY	-195	-170	-185	-182	-195	-170	-185	-182	-195	-170	-185	-182
OFFSETTING REC., A.F.	-239	-430	-248	-247	-239	-430	-248	-247	-239	-430	-248	-247
OFFSETTING REC., D.A.	-70	-73	-72	-72	-70	-73	-72	-72	-70	-73	-72	-72
TOTAL--OFFSET. REC.	-809	-875	-755	-743	-809	-875	-755	-743	-809	-875	-755	-743
TRUST FUNDS												
TRUST FUNDS, ARMY												
OFFSET RCPTS (TR), A												
TRUST FUNDS, NAVY												
TRUST FUNDS, A.F.												
TRUST FUNDS, A.												
TRUST REV. FUNDS, N.												
TRUST REV. FUNDS, AF												
ARMY GIFT FUND (T)												
USNA GIFT FUND (T)												
USNA MUSEUM FUND (T)												
NAVY GIFT FUND (T)												
SHIPS STORES PROF (T)												
NAVAL REC + HIST (T)												
AF GIFT FUND (T)												
SURCHG. COLL COMM (TR)												
MIDSHIPMAN STORE (TR)												
SURCHG. COLL COMM (TR)												
SURCHG. COLL COMM (TR)												
AF CADET FUND (TR)												
AINSWORTH LIBRARY												
TOTAL--TRUST + REV.	27	36	25	24	60	28	44	39				
DEDUCT INTRAGOV RCPT												
NAVY	-24	-30	-24	-23	-24	-30	-24	-23				
GRAND TOT--DEPT.OF DEF	311,126	305,849	298,827	291,566	312,151	301,575	292,758	290,784	294,177	296,385	287,215	285,500

**Table 6-7 [Continued]**  
**DOD TOA, BA & OUTLAYS by ACCOUNT**  
(FY 1989 \$ in Millions)

SUMMARY BY SERVICE	TOA			BA			OUTLAYS		
	FY 86	FY 87	FY 88	FY 86	FY 87	FY 88	FY 86	FY 87	FY 88
ARMY TOTAL	82,244	81,488	79,304	78,049	81,084	79,797	78,345	77,806	78,705
NAVY TOTAL	104,012	102,197	106,013	96,618	106,562	100,812	103,471	96,437	97,992
AIR FORCE TOTAL	105,405	101,808	93,468	97,471	105,076	98,883	91,177	97,224	100,778
DEF. AG./OSD TOTAL	17,543	19,104	17,836	18,683	17,489	20,829	17,626	18,611	16,076
DEF. WIDE TOTAL	1,921	1,251	2,206	746	1,951	1,254	2,138	706	625
UNDISTRIBUTED									1,063
<b>GRAND TOT--DEPT.OF DEF</b>	<b>311,125</b>	<b>305,849</b>	<b>298,827</b>	<b>291,566</b>	<b>312,151</b>	<b>301,575</b>	<b>292,758</b>	<b>290,784</b>	<b>294,177</b>
SUMMARY BY FUNC. TITLE									
MILITARY PERSONNEL	77,351	79,271	78,543	78,399	73,106	78,760	78,543	78,399	77,154
RETIRED PAY, DEFENSE	86,790	88,599	84,734	85,649	85,185	87,841	83,605	85,649	85,433
OPER AND MAINTENANCE	98,887	89,465	86,834	80,037	102,444	85,815	83,669	80,037	84,587
PROCUREMENT	37,513	38,746	38,624	38,157	37,438	38,426	38,035	38,157	35,836
RES DEVELOP, TEST+EVL	5,832	5,663	5,811	5,183	5,888	5,478	5,535	5,743	5,743
MILITARY CONST.	3,095	3,389	3,419	3,272	3,108	3,312	3,263	3,272	3,118
FAMILY HOUSING	2	4			2	4	3	3	3
SPEC. FGN.CURR.PROG.									3,137
REVOL.+MNGT FUNDS	1,655	711	862	764	5,787	2,811	862	764	3,180
DED FOR OFFSET REC.					-809	-875	-765	-743	-809
TRUST+TRUST REV. FND\$					27	35	25	24	60
DED INTRAGOV'T RCPT					-24	-30	-24	-23	-24
UNALLOCATED									-163
UNDISTRIBUTED									
<b>GRAND TOT--DEPT.OF DEF</b>	<b>311,125</b>	<b>305,849</b>	<b>298,827</b>	<b>291,566</b>	<b>312,151</b>	<b>301,575</b>	<b>292,758</b>	<b>290,784</b>	<b>294,177</b>

296,385 287,215 285,500  
294,177 296,385 287,215 285,500

**Table 6-8**  
**DEPARTMENT of DEFENSE BA by TITLE**  
 (\$ in Millions)

	FY 51	FY 52	FY 53	FY 54	FY 55	FY 56	FY 57	FY 58	FY 59	FY 60	FY 61	FY 62	FY 63
<b>CURRENT DOLLARS</b>													
MILITARY PERSONNEL	8,709	11,152	12,130	11,559	11,140	11,058	11,038	10,415	10,823	10,989	11,790	11,713	
RETIRED PAY	342	345	357	387	424	495	515	567	640	715	790	920	1,026
O+M	12,116	12,948	10,628	10,295	8,036	9,009	9,526	10,108	10,276	10,317	10,702	11,503	11,496
PROCUREMENT	22,257	29,367	20,766	9,648	6,762	8,016	9,405	9,477	12,709	11,596	11,716	16,746	16,647
RDT+E	1,254	1,755	2,233	2,290	2,335	3,340	4,220	3,964	5,278	5,725	6,033	6,402	6,993
MILITARY CONST	2,471	4,037	2,336	313	896	1,269	1,475	2,086	1,384	1,364	1,061	787	1,204
FAMILY HOUSING													690
SPEC FOREIGN CURR													
RESTRAINT ITEMS													
REV + MGMT FUNDS	574	775	360	100	1,119				75			325	1
TRUST + RECEIPTS	-189	-183	-206	-273	-362	-396	-339	224	234	279	65	101	-109
DEDUCT. INTRAGOV RECPT													
NAV PETRO RES RCPT													
<b>TOTAL, CURRENT \$</b>	<b>47,534</b>	<b>60,196</b>	<b>48,603</b>	<b>34,319</b>	<b>30,425</b>	<b>32,791</b>	<b>35,916</b>	<b>36,971</b>	<b>41,402</b>	<b>40,907</b>	<b>41,386</b>	<b>48,014</b>	<b>49,560</b>
<b>CONSTANT FY 1989 DOLLARS</b>													
MILITARY PERSONNEL	63,515	83,995	86,784	82,466	77,684	73,318	73,732	66,851	64,966	64,265	64,202	69,572	68,371
RETIRED PAY	1,957	2,016	2,063	2,385	2,469	2,690	2,694	2,940	3,102	3,494	3,870	4,505	5,064
O+M	71,590	79,408	68,921	64,580	50,724	52,637	52,776	51,629	50,360	49,621	49,108	52,115	51,054
PROCUREMENT	117,236	160,479	110,934	50,217	36,129	42,441	47,380	48,171	61,677	54,466	57,320	75,810	78,092
RDT+E	6,791	9,341	11,711	11,700	11,393	14,991	17,886	16,479	21,363	22,917	23,857	25,318	27,429
MILITARY CONST	12,020	19,587	11,336	1,671	4,143	5,511	6,209	8,539	5,716	5,560	4,321	3,195	4,771
FAMILY HOUSING													
SPEC FOREIGN CURR													
RESTRAINT ITEMS													
REV + MGMT FUNDS	2,670	3,596	1,648	466	4,903				290			1,226	3
TRUST + RECEIPTS	-848	-849	-943	-1,275	-1,586	-1,667	-1,326	866	884	1,062	243	381	-410
DEDUCT. INTRAGOV RECPT													
NAV PETRO RES RCPT													
<b>TOTAL, CONSTANT \$</b>	<b>274,830</b>	<b>357,573</b>	<b>291,445</b>	<b>212,208</b>	<b>186,176</b>	<b>189,923</b>	<b>199,651</b>	<b>195,983</b>	<b>208,289</b>	<b>201,503</b>	<b>203,036</b>	<b>233,878</b>	<b>236,691</b>
<b>% REAL GROWTH</b>													
MILITARY PERSONNEL	64.8	32.2	2.1	-3.9	-5.8	-5.6	0.6	-9.3	-2.8	-1.1	-0.1	8.4	-1.7
RETIRED PAY	17.8	3.0	1.8	16.1	3.1	9.4	0.1	9.1	5.5	12.6	10.8	16.4	12.4
O+M	124.2	10.9	-13.2	-6.3	-21.5	3.8	0.3	-2.2	-2.5	-1.5	-1.0	6.1	-2.0
PROCUREMENT	468.4	36.9	-30.9	-54.7	-28.1	17.5	11.6	1.7	28.0	-11.7	5.2	32.3	3.0
RDT+E	101.3	37.6	25.4	-0.1	-2.6	31.6	19.3	-7.9	29.6	7.3	4.1	6.1	8.3
MILITARY CONST	536.2	63.0	-42.1	-86.3	147.9	33.0	12.7	37.5	-33.1	-2.7	-22.3	-26.0	49.3
FAMILY HOUSING	0.0	0.0	0.0	0.0	0.0	-99.4	-	-27.8	1.8	-47.1	-1.3	1419.9	32.0
<b>TOTAL</b>	<b>176.9</b>	<b>30.1</b>	<b>-18.5</b>	<b>-27.2</b>	<b>-12.7</b>	<b>1.5</b>	<b>5.1</b>	<b>-1.8</b>	<b>6.3</b>	<b>-3.3</b>	<b>0.8</b>	<b>15.2</b>	<b>1.2</b>

**Table 6-8 [Continued]**  
**DEPARTMENT of DEFENSE BA by TITLE**  
 (\$ in Millions)

Table 6-8 [Continued]  
**DEPARTMENT of DEFENSE BA by TITLE**  
(\$ in Millions)

	FY 77	FY 78	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
<b>CURRENT DOLLARS</b>													
MILITARY PERSONNEL	26,118	27,246	28,703	31,014	36,909	42,875	45,688	48,363	67,773	67,794	74,010	76,146	78,399
RETIRIED PAY	8,238	9,180	10,283	11,965	13,840	14,986	16,156	16,503					
O+M	32,108	34,732	38,023	46,365	55,548	62,486	66,540	70,950	77,803	74,888	79,607	80,684	85,649
PROCUREMENT	27,922	29,529	31,428	35,283	48,025	64,462	80,355	86,161	96,842	92,606	80,234	81,027	80,037
RDT+E	10,439	11,371	12,437	13,561	16,609	20,060	22,798	26,867	31,327	33,609	35,644	36,695	38,157
MILITARY CONST	2,204	1,641	2,310	2,293	3,398	4,916	4,512	4,510	5,517	5,281	5,093	5,354	5,743
FAMILY HOUSING	1,268	1,346	1,663	1,526	2,004	2,203	2,712	2,669	2,890	2,803	3,075	3,149	3,272
SPEC FOREIGN CURR	4	2	14	7	3	3	4	3	9	2	4		
RESTRAINT ITEMS												-495	
REV + MGMT FUNDS	220	423	726	1,336	2,677	2,494	1,075	2,774	5,088	5,235	2,612	830	764
TRUST + RECEIPTS	-163	-137	-481	-715	-634	-697	-342	-628	-426	-707	-781	-703	-719
DEDUCT, INTRAGOV RECPT	-9	-11	-11	-12	-15	-17	-23	-22	-21	-22	-28	-23	-23
NAV PETRO RES RCPT													
TOTAL, CURRENT \$	108,338	116,322	125,004	142,621	178,365	213,761	239,474	258,160	286,802	281,390	279,469	283,159	290,784
<b>CONSTANT FY 89 DOLLARS</b>													
MILITARY PERSONNEL	53,873	62,617	52,202	52,465	54,224	55,238	56,874	57,481	75,277	73,105	78,760	78,543	78,399
RETIRIED PAY	16,449	17,049	17,640	18,312	19,048	19,354	19,721	19,484					
O+M	60,689	60,868	61,416	64,568	70,486	75,433	76,763	82,790	88,720	85,185	87,841	83,805	85,649
PROCUREMENT	55,375	53,169	51,191	52,051	65,199	82,204	97,881	101,562	110,736	102,444	85,816	83,669	80,037
RDT+E	19,813	19,945	19,937	19,718	22,233	25,428	27,863	31,679	35,836	37,438	38,426	38,035	38,157
MILITARY CONST	3,990	2,729	3,521	3,221	4,495	6,230	5,523	5,345	6,337	5,888	5,478	5,636	5,743
FAMILY HOUSING	2,399	2,378	2,630	2,171	2,629	2,718	3,256	3,113	3,276	3,108	3,312	3,263	3,272
SPEC FOREIGN CURR	7	4	21	9	4	4	5	4	10	2	4		
RESTRAINT ITEMS												-495	
REV + MGMT FUNDS	429	771	1,212	2,016	3,654	3,164	1,311	3,260	5,782	5,787	2,811	862	764
TRUST + RECEIPTS	-318	-249	-803	-1,080	-866	-884	-417	-738	-484	-781	-841	-730	-719
DEDUCT, INTRAGOV RECPT	-18	-20	-18	-18	-20	-22	-28	-26	-24	-24	-30	-24	-23
NAV PETRO RES RCPT													
TOTAL, CONSTANT \$	212,688	209,252	208,850	213,434	241,086	268,866	290,752	303,942	325,467	312,161	301,675	292,756	290,784
<b>% REAL GROWTH</b>													
MILITARY PERSONNEL	-2.8	-2.3	-0.8	0.6	3.4	1.9	3.0	1.1	31.0	-2.9	7.7	-0.3	-0.2
RETIRIED PAY	6.2	3.6	3.5	3.8	4.0	1.6	1.9	-1.2	-100.0	0.0	0.0	0.0	0.0
O+M	3.1	0.3	0.9	5.1	9.2	7.0	4.4	5.1	7.2	-4.0	3.1	-4.8	2.4
PROCUREMENT	19.7	-4.0	-3.7	1.7	25.3	26.1	19.1	3.8	9.0	-7.5	-16.2	-2.5	-4.3
RDT+E	1.7	0.7	0.0	-1.1	12.8	14.4	9.6	13.7	13.1	4.5	2.6	-1.0	0.3
MILITARY CONST	-14.8	-31.6	29.0	-8.5	39.6	38.6	-11.3	-3.2	18.6	-7.1	1.0	3.8	
FAMILY HOUSING	-5.6	-0.9	6.4	-14.2	21.1	3.4	19.8	-4.4	5.2	-5.1	6.6	-1.6	0.3
TOTAL	4.9	-1.6	-0.2	2.8	13.0	11.6	8.1	4.6	7.1	-4.1	-3.4	-2.9	-0.7

**Table 6-9**  
**DEPARTMENT of DEFENSE BA by CATEGORY**  
 (\$ in Millions)

	FY 51	FY 52	FY 53	FY 54	FY 55	FY 56	FY 57	FY 58	FY 59	FY 60	FY 61	FY 62	FY 63
<b>CURRENT DOLLARS</b>													
CIVILIAN PAYROLL	3,222	4,780	5,516	5,271	5,255	5,502	5,701	6,003	6,327	6,240	6,616	7,034	7,295
TOTAL MILPER ACTIVE	6,890	9,376	10,097	9,461	9,244	9,136	9,117	8,993	9,269	9,168	9,181	9,917	9,762
TOTAL RETPAY ACCRUAL													
OTHER MIL PERS	1,819	1,777	2,032	2,098	1,896	1,922	1,921	1,421	1,554	1,713	1,808	1,873	1,951
RETIRED PAY	342	346	367	387	424	496	515	567	640	715	790	920	1,026
TOTAL PAY	12,274	16,278	18,003	17,217	16,818	17,065	17,254	16,985	17,791	17,837	18,395	19,744	20,033
O+M, EXCLUDING PAY	9,295	8,973	6,164	5,906	3,603	4,274	4,678	5,040	5,024	5,136	5,380	6,213	6,195
PROC, RDT+E + CONST	25,965	34,945	24,437	11,196	10,004	11,462	13,983	14,946	18,587	17,935	17,610	22,057	23,332
TOTAL, NON-PAY	35,260	43,919	30,600	17,102	13,607	16,736	18,661	19,986	23,611	23,070	22,991	28,270	29,527
TOTAL, CURRENT \$	47,534	60,196	48,603	34,319	30,425	32,791	36,916	36,971	41,402	40,907	41,386	48,014	49,560
<b>CONSTANT FY 1989 DOLLARS</b>													
CIVILIAN PAYROLL	30,332	42,115	47,136	42,744	39,899	38,973	38,690	36,107	35,641	34,129	33,677	34,823	34,802
TOTAL MILPER ACTIVE	54,260	74,634	75,278	71,306	68,028	64,034	64,861	61,030	58,781	57,486	57,103	62,162	60,653
TOTAL RETPAY ACCRUAL													
OTHER MIL PERS	9,256	9,360	10,506	11,160	9,656	9,284	8,881	5,821	6,186	6,779	7,099	7,410	7,718
RETIRED PAY	1,967	2,016	2,063	2,385	2,459	2,690	2,694	2,940	3,102	3,494	3,870	4,505	5,064
TOTAL PAY	95,804	128,125	134,974	127,594	120,042	114,982	115,116	105,898	103,709	101,888	101,649	108,900	108,237
O+M, EXCLUDING PAY	45,037	44,389	30,768	28,990	16,819	19,097	19,673	21,035	20,673	21,236	22,066	25,502	25,266
PROC, RDT+E + CONST	133,988	186,060	126,703	56,624	49,315	55,844	64,863	69,050	83,907	78,379	79,320	99,477	103,188
TOTAL, NON-PAY	179,025	229,448	156,471	84,614	66,134	74,942	84,535	90,086	104,580	99,615	101,386	124,978	128,454
TOTAL, CONSTANT \$	274,830	357,573	291,445	212,208	186,176	189,923	199,661	195,983	208,289	201,503	203,036	233,878	236,691

**Table 6-9 [Continued]**  
**DEPARTMENT of DEFENSE BA by CATEGORY**

	FY 64	FY 65	FY 66	FY 67	FY 68	FY 69	FY 70	FY 71	FY 72	FY 73	FY 74	FY 75	FY 76	
<b>CURRENT DOLLARS</b>														
CIVILIAN PAYROLL	7,502	7,833	8,500	9,654	10,578	11,301	12,204	12,504	13,222	13,574	14,137	15,334	16,418	
TOTAL MILPER ACTIVE	10,615	11,019	12,178	14,111	15,264	16,699	18,638	18,676	19,762	20,494	21,013	21,573	21,885	
TOTAL REPAY ACCRUAL														
OTHER MIL PERS	2,040	2,237	3,295	4,267	4,759	4,728	4,356	3,967	3,202	3,233	3,154	3,391	3,544	
RETIRED PAY	1,228	1,399	1,600	1,839	2,095	2,460	2,858	3,391	3,901	4,442	5,151	6,251	7,326	
TOTAL PAY	21,385	22,489	25,573	29,870	32,696	35,178	38,056	38,538	40,087	41,743	43,455	46,548	49,173	
O+M, EXCLUDING PAY	6,210	6,824	9,029	12,059	12,858	13,846	12,261	10,872	10,731	11,356	13,107	13,986	15,649	
PROC, RDT+E + CONST	22,032	19,746	28,953	30,247	30,788	27,881	23,766	21,749	24,188	24,456	24,429	25,127	30,686	
TOTAL, NON-PAY	28,243	26,570	37,982	42,307	43,646	41,727	36,027	32,621	34,919	35,812	37,635	39,113	46,335	
TOTAL, CURRENT \$	49,627	49,058	63,555	72,177	76,342	76,906	74,083	71,159	75,006	77,555	80,991	85,661	95,508	
<b>CONSTANT FY 89 DOLLARS</b>														
CIVILIAN PAYROLL	34,267	33,699	35,250	38,456	40,684	40,833	39,473	37,211	36,339	35,232	33,683	33,757	33,411	
TOTAL MILPER ACTIVE	60,661	60,602	61,920	68,458	70,730	71,717	69,539	64,336	58,337	53,806	51,656	49,741	48,016	
TOTAL REPAY ACCRUAL														
OTHER MIL PERS	7,739	8,094	10,927	13,445	14,520	14,142	12,544	11,003	8,587	8,159	7,361	7,472	7,389	
RETIRED PAY	5,826	6,526	7,141	7,917	8,727	9,687	10,611	11,274	12,162	13,061	13,802	14,680	15,494	
TOTAL PAY	108,492	108,922	115,237	128,277	134,660	136,378	132,067	123,825	115,424	110,248	106,502	106,650	104,310	
O+M, EXCLUDING PAY	25,122	27,205	34,649	44,350	45,561	47,744	40,610	34,669	32,607	32,358	32,947	30,852	32,286	
PROC, RDT+E + CONST	93,108	81,015	110,998	112,017	109,295	94,080	78,398	68,047	71,268	66,068	61,780	58,082	66,123	
TOTAL, NON-PAY	118,231	108,220	145,647	156,366	154,856	141,824	118,908	102,716	103,876	98,426	94,727	88,934	98,409	
TOTAL, CONSTANT \$	226,723	217,142	260,885	284,643	289,516	278,202	250,975	226,541	219,300	208,674	201,229	194,584	202,719	

**Table 6-9 [Continued]**  
**DEPARTMENT of DEFENSE BA by CATEGORY**

										FY 77	FY 78	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
<b>CURRENT DOLLARS</b>																						
CIVILIAN PAYROLL	17,549	18,854	20,494	22,262	23,775	26,065	27,763	29,454	31,407	32,165	33,737	36,737	38,007									
TOTAL MILPER ACTIVE	22,598	23,815	25,084	26,854	31,067	36,930	39,090	41,367	43,967	46,220	47,713	49,886	51,249									
TOTAL RETPAY ACCRUAL																						
OTHER MIL PERS	3,520	3,430	3,619	4,160	5,841	5,945	6,597	6,996	6,734	4,160	8,056	7,934	8,605									
RETIRIED PAY	8,238	9,180	10,283	11,965	13,840	14,986	16,155	16,503														
TOTAL PAY	51,905	55,279	59,479	65,241	74,524	83,927	89,606	94,320	99,180	99,959	107,747	112,882	116,406									
O+M, EXCLUDING PAY	18,208	19,686	20,309	26,952	35,196	40,176	43,296	46,041	51,342	47,872	51,216	49,221	53,112									
PROC, RDT+E + CONST	38,224	40,357	45,216	50,428	68,645	89,649	106,672	117,790	136,280	133,559	120,506	121,056	121,266									
TOTAL, NON-PAY	56,432	60,043	65,525	77,380	103,841	129,825	149,868	163,830	187,622	181,430	171,722	170,277	174,378									
TOTAL, CURRENT \$	108,338	115,322	125,004	142,621	178,365	213,751	239,474	258,150	286,802	281,390	279,469	283,159	290,784									
<b>CONSTANT FY 89 DOLLARS</b>																						
CIVILIAN PAYROLL	32,821	32,728	33,575	34,144	33,545	35,841	36,204	36,909	38,052	38,121	38,000	38,018	38,007									
TOTAL MILPER ACTIVE	46,902	46,207	45,932	45,896	46,613	47,916	49,065	49,455	50,371	50,952	50,671	51,703	51,249									
TOTAL RETPAY ACCRUAL																						
OTHER MIL PERS	6,971	6,410	6,270	6,569	7,611	7,321	7,809	8,026	17,393	17,624	19,549	18,672	18,546									
RETIRIED PAY	16,449	17,049	17,640	18,312	19,048	19,354	19,721	19,484	7,513	4,528	8,540	8,168	8,605									
TOTAL PAY	103,143	102,394	103,418	104,921	106,817	110,432	112,800	113,873	113,329	111,226	116,760	116,561	116,406									
O+M, EXCLUDING PAY	34,741	34,792	32,364	34,625	41,571	44,472	48,171	51,344	56,436	52,951	55,711	51,048	53,112									
PROC, RDT+E + CONST	74,804	72,065	73,069	73,888	92,698	113,962	129,781	138,724	155,702	147,974	129,105	125,149	121,266									
TOTAL, NON-PAY	109,545	106,858	105,433	108,513	134,268	158,434	177,952	190,069	212,138	200,925	184,815	176,197	174,378									
TOTAL, CONSTANT \$	212,688	209,252	208,850	213,434	241,086	268,866	290,752	303,942	325,467	312,151	301,575	292,758	290,784									

**Table 6-10**  
**DEPARTMENT of DEFENSE BY SERVICE**  
 (\$ in Millions)

	FY 51	FY 52	FY 53	FY 54	FY 55	FY 56	FY 57	FY 58	FY 59	FY 60	FY 61	FY 62	FY 63
<b>CURRENT DOLLARS</b>													
ARMY	19,520	21,279	15,077	12,847	7,646	7,333	7,577	7,808	9,502	9,748	9,928	11,951	11,608
NAVY	12,431	16,170	12,684	9,389	10,182	9,518	10,106	10,617	11,971	11,352	12,450	14,845	15,255
AIR FORCE	15,139	22,315	20,427	11,542	12,026	15,374	17,567	17,803	18,864	18,581	17,903	19,424	20,147
DEFENSE AGENCIES/OSD	12	14	15	13	13	13	15	104	294	420	227	389	872
DEFENSE-WIDE	432	419	400	528	559	552	651	639	772	805	878	1,405	1,679
TOTAL, CURRENT \$	47,534	60,196	48,603	34,319	30,425	32,791	35,916	36,971	41,402	40,907	41,386	48,014	49,560
<b>CONSTANT FY 1989 DOLLARS</b>													
ARMY	109,599	123,930	91,881	78,410	51,316	46,155	46,458	44,224	48,788	48,933	48,815	57,767	55,400
NAVY	74,763	100,526	78,205	60,944	62,911	58,187	59,932	60,404	64,422	58,322	64,906	76,873	76,689
AIR FORCE	87,987	130,639	118,990	69,722	68,805	82,565	89,936	87,700	90,308	88,761	84,218	91,303	93,451
DEFENSE AGENCIES/OSD	100	115	114	98	92	90	89	430	1,158	1,643	888	1,504	3,529
DEFENSE-WIDE	2,381	2,364	2,257	3,036	3,053	2,927	3,237	3,225	3,613	3,844	4,208	6,431	7,621
TOTAL, CONSTANT \$	274,830	357,573	291,446	212,208	186,176	189,923	199,651	195,983	208,289	201,503	203,035	233,878	236,691
<b>% REAL GROWTH</b>													
ARMY	251.8	13.1	-25.9	-14.7	-34.6	-10.1	0.7	-4.8	10.3	0.3	-0.2	18.3	-4.1
NAVY	148.8	34.5	-22.2	-22.1	3.2	-7.5	3.0	0.8	6.7	-9.5	11.3	18.4	-0.2
AIR FORCE	152.3	48.5	-8.9	-41.4	-1.3	20.0	8.9	-2.5	3.0	-1.7	-5.1	8.4	2.4
DEFENSE AGENCIES/OSD	16.9	14.2	-1.0	-14.0	-5.4	-3.0	-1.1	384.7	169.6	41.9	-46.0	69.5	134.6
DEFENSE-WIDE	43.3	-0.7	-4.5	34.5	0.6	-4.1	10.6	-0.4	12.0	6.4	9.5	52.8	18.5
TOTAL	176.9	30.1	-18.5	-27.2	-12.7	1.5	5.1	-1.8	6.3	-3.3	0.8	16.2	1.2

**Table 6-10 [Continued]**  
**DEPARTMENT of DEFENSE BA by SERVICE**  
 (\$ in Millions)

	FY 64	FY 65	FY 66	FY 67	FY 68	FY 69	FY 70	FY 71	FY 72	FY 73	FY 74	FY 75	FY 76
<b>CURRENT DOLLARS</b>													
ARMY	12,474	11,965	17,629	22,997	25,407	25,143	23,610	21,495	21,582	21,048	21,262	21,299	23,644
NAVY	14,845	14,785	18,581	20,773	21,122	21,278	21,932	21,321	23,602	25,097	26,679	27,808	31,302
AIR FORCE	19,393	19,149	22,589	24,203	25,364	25,722	23,356	22,481	23,245	23,934	24,670	25,967	28,444
DEFENSE AGENCIES/OSD	986	1,078	2,446	1,800	1,632	1,752	1,679	1,708	1,759	2,012	2,070	3,118	3,486
DEFENSE-WIDE	1,928	2,091	2,310	2,403	2,818	3,010	3,506	4,156	4,818	5,463	6,310	7,468	8,632
TOTAL, CURRENT \$	49,627	49,058	63,555	72,177	76,342	76,905	74,083	71,159	75,006	77,555	80,991	85,661	95,508
<b>CONSTANT FY 89 DOLLARS</b>													
ARMY	56,658	52,855	71,247	88,753	94,518	89,843	78,368	67,346	61,999	65,603	51,782	47,854	49,959
NAVY	69,974	66,831	77,327	82,905	80,676	76,970	74,571	67,585	68,223	66,387	66,057	63,206	66,495
AIR FORCE	87,615	84,120	93,527	96,494	97,319	93,899	80,172	72,974	69,377	65,552	61,698	59,233	60,882
DEFENSE AGENCIES/OSD	3,943	4,191	8,044	6,671	5,803	5,944	5,320	5,084	4,939	5,333	5,012	6,906	7,184
DEFENSE-WIDE	8,533	9,144	9,740	9,920	11,200	11,546	12,543	13,550	14,762	15,798	16,679	17,385	18,199
TOTAL, CONSTANT \$	226,723	217,142	260,885	284,843	289,516	278,202	250,975	226,541	219,300	208,674	201,229	194,584	202,719
<b>% REAL GROWTH</b>													
ARMY	2.3	-6.7	34.8	24.6	6.5	-4.9	-12.8	-14.1	-7.9	-10.3	-6.9	-7.6	4.4
NAVY	-8.8	-4.5	15.7	7.2	-2.7	-4.6	-3.1	-9.4	0.9	-2.7	-0.5	-4.3	5.2
AIR FORCE	-6.2	-4.0	11.2	3.2	0.9	-3.5	-14.6	-9.0	-4.9	-5.5	-5.9	-4.0	2.8
DEFENSE AGENCIES/OSD	11.7	6.3	115.8	-27.3	-11.7	2.4	-10.5	-4.4	-2.9	8.0	-6.0	37.8	4.0
DEFENSE-WIDE	12.0	7.2	6.5	1.8	12.9	3.1	8.6	8.0	8.9	7.0	5.6	4.2	4.7
TOTAL	-4.2	-4.2	20.1	9.1	1.7	-3.9	-9.8	-9.7	-3.2	-4.8	-3.6	-3.3	4.2

**Table 6-10 [Continued]**  
**DEPARTMENT of DEFENSE BA by SERVICE**  
 (\$ in Millions)

	FY 77	FY 78	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
<b>CURRENT DOLLARS</b>													
ARMY	26,667	28,434	31,341	34,380	43,252	52,254	57,529	62,181	74,270	73,128	73,994	75,790	77,806
NAVY	36,378	39,499	42,103	47,225	58,011	69,569	81,854	82,088	99,015	96,113	93,500	100,141	96,437
AIR FORCE	31,969	32,595	34,943	41,720	53,144	64,821	74,074	86,108	99,420	94,870	91,624	88,150	97,224
DEFENSE AGENCIES/OSD	3,739	4,180	4,616	5,643	7,483	9,222	9,256	10,746	13,126	15,520	19,185	17,015	18,611
DEFENSE-WIDE	9,586	10,614	12,001	13,653	16,475	17,885	16,761	17,027	970	1,759	1,168	2,064	706
TOTAL, CURRENT \$	108,338	115,322	125,004	142,621	178,365	213,751	239,474	268,160	286,802	281,390	279,469	283,159	290,784
<b>CONSTANT FY 89 DOLLARS</b>													
ARMY	52,323	51,761	52,870	53,131	60,077	67,104	70,991	73,924	84,570	81,084	79,797	78,345	77,806
NAVY	70,878	70,968	69,511	69,814	77,807	87,172	99,176	96,526	112,313	106,552	100,812	103,471	96,437
AIR FORCE	63,373	59,607	58,584	61,373	70,466	79,686	88,607	100,515	112,264	106,075	98,883	91,177	97,224
DEFENSE AGENCIES/OSD	7,091	7,328	7,459	8,389	10,199	11,950	11,517	12,876	15,215	17,489	20,829	17,626	18,611
DEFENSE-WIDE	19,023	19,588	20,426	20,726	22,537	22,955	20,461	20,101	1,106	1,951	1,254	2,138	706
TOTAL, CONSTANT \$	212,688	209,252	208,850	213,434	241,086	268,866	290,752	303,942	325,467	312,151	301,575	292,758	290,784
<b>% REAL GROWTH</b>													
ARMY	4.7	-1.1	2.1	0.5	13.1	11.7	5.8	4.1	14.4	-4.1	-1.6	-1.8	-0.7
NAVY	6.6	0.1	-2.1	0.4	11.4	12.0	13.8	-2.7	16.4	-5.1	-5.4	2.6	-6.8
AIR FORCE	4.1	-5.9	-1.7	4.8	14.8	13.1	11.2	13.4	11.7	-6.4	-5.9	-7.8	6.6
DEFENSE AGENCIES/OSD	-1.3	3.3	1.8	12.5	21.6	17.2	-3.6	11.8	18.2	15.0	19.1	-15.4	5.6
DEFENSE-WIDE	4.5	3.0	4.3	1.5	8.7	1.9	-10.9	-1.8	-94.5	76.4	-35.7	70.5	-67.0
TOTAL	4.9	-1.6	-0.2	2.2	13.0	11.5	8.1	4.5	7.1	-4.1	-3.4	-2.9	-0.7

**Table 6-11**  
**DEPARTMENT of DEFENSE OUTLAYS by TITLE**  
(\$ in Millions)

	FY 51	FY 52	FY 53	FY 54	FY 55	FY 56	FY 57	FY 58	FY 59	FY 60	FY 61	FY 62	FY 63
<b>CURRENT DOLLARS</b>													
MILITARY PERSONNEL	7,293	11,394	11,823	11,272	10,986	11,112	10,903	11,057	11,160	11,044	11,299	12,138	11,985
RETIRED PAY	324	329	357	386	419	477	511	562	641	694	786	894	1,015
O+M	7,182	12,289	10,826	9,836	8,031	8,794	9,587	9,761	10,378	10,223	10,611	11,338	11,845
PROCUREMENT	3,813	11,270	16,665	15,204	12,518	10,910	11,815	12,208	12,622	12,734	13,095	14,532	16,660
RDT+E	867	1,490	1,953	2,178	2,400	3,080	3,961	4,270	4,652	5,310	6,131	6,319	6,376
MILITARY CONST	472	1,830	1,944	1,698	1,678	2,054	1,959	1,753	1,948	1,626	1,605	1,191	1,144
FAMILY HOUSING													
SPEC FOREIGN CURR													
RESTRAINT ITEMS													
REV + MGMT FUNDS	-191	296	47	-245	-504	-679	-320	-681	-185	-438	-339	-127	-1,401
TRUST + RECEIPTS	-189	-183	-206	-273	-362	-396	-396	-339	224	234	279	65	101
DEDUCT, INTRAGOV RECPT													
NAV PETRO RES RCPT													
TOTAL, CURRENT \$	19,572	38,716	43,410	40,056	35,169	35,396	38,098	39,194	41,467	41,494	43,292	46,826	47,941
<b>CONSTANT FY 89 DOLLARS</b>													
MILITARY PERSONNEL	56,290	86,266	84,121	80,957	76,933	73,582	73,232	69,483	66,285	64,890	66,382	70,913	69,464
RETIRED PAY	1,857	1,925	2,056	2,378	2,431	2,593	2,674	2,913	3,108	3,392	3,863	4,379	5,009
O+M	46,635	75,519	69,261	62,715	50,731	51,959	52,947	50,010	50,471	49,081	48,303	51,116	52,195
PROCUREMENT	20,640	59,608	86,346	81,896	64,664	63,808	54,031	55,282	57,028	58,502	58,886	66,644	75,315
RDT+E	4,873	8,001	10,213	11,323	11,730	14,113	16,669	17,526	18,562	21,081	23,653	24,561	24,664
MILITARY CONST	2,196	8,758	9,236	8,179	7,625	8,919	7,921	7,002	7,584	6,370	6,137	4,607	4,399
FAMILY HOUSING													
SPEC FOREIGN CURR													
RESTRAINT ITEMS													
REV + MGMT FUNDS	-855	1,373	216	-1,144	-2,208	-2,857	-1,250	-2,634	-698	-1,669	-1,263	-480	-5,274
TRUST + RECEIPTS	-848	-849	-943	-1,275	-1,586	-1,667	-1,326	866	884	1,062	243	381	-410
DEDUCT, INTRAGOV RECPT													
NAV PETRO RES RCPT													
TOTAL, CONSTANT \$	130,788	239,600	260,496	245,031	210,339	200,635	204,983	200,609	203,284	202,796	205,337	222,861	227,041
<b>% REAL GROWTH</b>													
MILITARY PERSONNEL	45.6	51.5	-1.3	-3.8	-5.0	-4.4	-0.5	-5.1	-4.6	-2.1	0.8	8.5	-2.0
RETIRED PAY	3.4	3.7	6.8	15.7	2.2	6.7	3.1	8.9	6.7	9.1	13.6	13.7	14.4
O+M	52.6	61.9	-8.3	-9.4	-19.1	2.4	1.9	-5.5	0.9	-2.8	-1.6	5.8	2.1
PROCUREMENT	48.6	188.8	44.9	-5.2	-21.0	-16.8	0.4	2.3	3.2	2.6	0.7	11.5	14.7
RDT+E	98.2	64.2	27.6	10.9	3.6	20.3	18.1	5.1	5.9	13.6	12.2	3.8	0.4
MILITARY CONST	163.9	298.7	5.5	-11.4	-6.8	17.0	-11.2	8.3	-16.0	-3.7	-24.9	-4.5	
FAMILY HOUSING	0.0	0.0	0.0	0.0	0.0	0.0	-54.0	-90.0	-62.5	42.9	67.3	1101.3	-3.5
TOTAL	51.5	83.2	8.7	-6.0	-14.2	-4.6	2.2	-2.1	1.3	-0.2	1.3	8.5	1.9

**Table 6-11 [Continued]**  
**DEPARTMENT of DEFENSE OUTLAYS by TITLE**  
**(\$ in Millions)**

	FY 64	FY 65	FY 66	FY 67	FY 68	FY 69	FY 70	FY 71	FY 72	FY 73	FY 74	FY 75	FY 76	
<b>CURRENT DOLLARS</b>														
MILITARY PERSONNEL	12,986	13,387	16,162	17,956	19,859	21,374	23,031	22,633	23,246	23,728	24,968	25,064		
RETIRED PAY	1,209	1,384	1,591	1,830	2,095	2,444	2,849	3,386	3,886	4,390	5,128	6,242	7,296	
O+M	11,932	12,349	14,710	19,000	20,578	22,227	21,609	20,841	21,675	22,478	26,297	27,837		
PROCUREMENT	16,361	14,339	19,012	23,283	23,988	21,584	18,858	17,131	15,664	15,241	16,042	15,964		
RDT+E	7,021	6,236	6,259	7,160	7,457	7,457	7,166	7,303	7,881	8,167	8,582	8,866	8,923	
MILITARY CONST	1,026	1,007	1,334	1,536	1,281	1,389	1,168	1,096	1,108	1,118	1,407	1,462	2,019	
FAMILY HOUSING	580	619	647	482	495	572	614	598	688	729	884	1,124	1,192	
SPEC FOREIGN CURR														
RESTRAINT ITEMS														
REV + MGMT FUNDS	-452	-741	282	512	2,090	-1,535	-807	-219	-223	-1,030	268	66	-241	
TRUST + RECEIPTS	-183	-200	-231	-123	-157	-123	-139	-119	-101	-107	-164	-164	-159	
DEDUCT, INTRAGOV'T RECPT				-7	-7	-8	-7	-6	-6	-8	-7	-7	-7	
NAV PETRO RES RCPT														
TOTAL, CURRENT \$	49,470	46,880	54,093	67,367	77,266	77,786	77,070	74,472	76,076	73,223	77,560	84,900	87,891	
<b>CONSTANT FY 89 DOLLARS</b>														
MILITARY PERSONNEL	69,670	69,241	71,850	80,588	84,730	85,717	82,206	75,314	67,152	60,804	58,018	57,252	54,664	
RETIRED PAY	5,738	6,558	7,101	7,880	8,725	9,863	10,479	11,256	12,109	12,900	13,740	14,658	15,430	
O+M	51,408	51,340	58,759	72,294	75,565	78,232	70,966	64,726	62,969	58,473	56,701	58,254	57,352	
PROCUREMENT	68,388	61,901	59,075	73,518	86,606	85,770	74,192	61,973	53,739	47,350	43,292	40,684	37,768	
RDT+E	26,940	23,615	22,958	25,307	26,465	24,647	22,538	21,818	22,513	22,322	22,083	20,013	18,717	
MILITARY CONST	3,925	3,794	4,841	5,373	4,348	4,553	3,667	3,273	3,173	3,078	3,656	3,312	4,249	
FAMILY HOUSING	2,235	2,344	2,374	1,715	1,708	1,900	1,934	1,786	1,963	1,987	2,268	2,537	2,498	
SPEC FOREIGN CURR														
RESTRAINT ITEMS														
REV + MGMT FUNDS	-1,697	-2,747	1,012	1,775	7,006	-4,987	-2,523	-654	-643	-2,848	700	149	-508	
TRUST + RECEIPTS	-686	-742	-829	-428	-527	-400	-434	-356	-291	-296	-427	-372	-336	
DEDUCT, INTRAGOV'T RECPT				-24	-24	-24	-26	-21	-18	-22	-17	-15	-15	
NAV PETRO RES RCPT														
TOTAL, CONSTANT \$	225,922	205,203	227,142	267,997	293,608	285,073	263,006	239,123	222,675	203,758	200,024	196,483	189,829	
<b>% REAL GROWTH</b>														
MILITARY PERSONNEL	0.3	-0.6	3.8	12.2	6.1	1.2	-4.1	-8.4	-10.8	-9.5	-4.6	-1.3	-4.6	
RETIRED PAY	14.5	12.5	10.0	11.0	10.7	10.7	8.4	7.4	7.6	6.5	6.5	6.7	6.3	
O+M	-1.5	-0.1	14.5	23.0	4.5	3.6	-9.3	-8.8	-2.7	-7.1	-3.0	2.7	-1.6	
PROCUREMENT	-9.2	-24.1	13.8	24.4	16.4	0.2	-13.5	-16.5	-13.3	-11.9	-8.6	-6.0	-7.2	
RDT+E	9.2	-12.3	-2.8	10.2	4.6	-6.9	-8.6	-3.2	3.2	-0.8	-1.1	-9.4	-6.5	
MILITARY CONST	-10.8	-3.4	27.6	11.0	-19.1	4.7	-19.5	-10.7	-3.0	-3.0	18.8	-9.4	28.3	
FAMILY HOUSING	33.1	4.8	1.3	-27.7	-0.4	11.2	1.8	-7.7	9.9	1.3	14.1	11.8	-1.5	
TOTAL	-0.5	-9.2	10.7	18.0	9.6	-2.9	-7.7	-9.1	-6.9	-14.8	-1.8	-1.8	-3.4	

**Table 6-11 [Continued]**  
**DEPARTMENT of DEFENSE OUTLAYS by TITLE**  
 (\$ in Millions)

	FY 77	FY 78	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89	
<b>CURRENT DOLLARS</b>														
MILITARY PERSONNEL	25,715	27,075	28,407	30,842	36,409	42,341	46,523	47,655	67,842	71,611	72,020	76,453	77,827	
RETIRIED PAY	6,216	9,171	10,279	11,920	13,729	14,938	15,945	16,471						
O+M	30,587	33,678	36,424	44,770	51,864	59,674	64,915	67,369	72,348	75,259	76,178	80,433	82,725	
PROCUREMENT	18,178	19,876	26,404	29,021	35,191	43,271	53,624	61,879	70,381	76,517	80,744	79,166	79,820	
RDT+E	9,796	10,508	11,152	13,127	15,278	17,729	20,554	23,117	27,103	32,283	33,596	33,127	36,295	
MILITARY CONST	1,914	1,932	2,080	2,460	2,458	2,922	3,524	3,706	4,260	5,067	5,853	5,419	5,668	
FAMILY HOUSING	1,358	1,405	1,468	1,680	1,721	1,993	2,126	2,413	2,642	2,810	2,908	3,023	3,229	
SPEC FOREIGN CURR	3	2	3	3	2	4	2	1	2	3	2	3	1	
RESTRAINT ITEMS														
REV + MGMT FUNDS	25	-429	286	-246	36	693	-805	-1,069	1,334	2,877	3,522	1,369	-163	
TRUST + RECEIPTS	-226	-165	-479	-714	-638	-697	-373	-712	-522	-678	-787	-685	826	
DEDUCT, INTRAGOVT RECPT	-9	-11	-11	-12	-15	-17	-23	-22	-21	-22	-28	-23	-704	
NAV PETRO RES RCPT													-23	
TOTAL, CURRENT \$	95,557	103,042	115,013	132,840	156,036	182,850	205,012	220,806	245,370	265,636	274,007	277,275	285,500	
<b>CONSTANT FY 1989 DOLLARS</b>														
MILITARY PERSONNEL	53,098	62,341	61,727	62,372	53,604	54,592	56,684	56,669	75,372	77,154	76,661	77,833	77,827	
RETIRIED PAY	16,406	17,034	17,634	18,244	18,895	19,292	19,465	19,446						
O+M	58,219	59,551	59,569	63,041	66,042	71,963	76,816	78,534	82,340	86,433	84,182	83,388	82,725	
PROCUREMENT	39,744	40,663	47,706	48,918	53,360	58,227	66,964	72,712	79,983	84,587	86,914	82,175	79,820	
RDT+E	18,976	18,998	18,589	19,773	20,840	22,532	25,154	27,228	30,888	35,836	36,263	34,380	36,295	
MILITARY CONST	3,719	3,501	3,486	3,704	3,367	3,741	4,333	4,388	4,875	5,638	6,322	5,623	5,668	
FAMILY HOUSING	2,631	2,537	2,449	2,461	2,281	2,457	2,545	2,808	2,984	3,118	3,138	3,137	3,229	
SPEC FOREIGN CURR	6	4	5	4	3	4	2	2	2	3	2	3	1	
RESTRAINT ITEMS														
REV + MGMT FUNDS	50	-781	477	-371	49	880	-982	-1,257	1,516	3,180	3,792	1,411	-163	
TRUST + RECEIPTS	-440	-301	-800	-1,077	-871	-884	-465	-837	-593	-750	-847	-711	826	
DEDUCT, INTRAGOVT RECPT	-18	-20	-18	-18	-20	-20	-22	-28	-26	-24	-24	-30	-704	
NAV PETRO RES RCPT													-23	
TOTAL, CONSTANT \$	192,391	193,527	200,803	207,050	217,551	232,781	250,499	259,667	277,343	294,177	296,386	287,215	285,500	
<b>% REAL GROWTH</b>														
MILITARY PERSONNEL	-2.9	-1.4	-1.2	1.2	2.4	1.8	3.8	0.0	33.0	2.4	-0.7	1.5	0.0	
RETIRIED PAY	6.3	3.8	3.5	3.6	2.1	0.9	-0.1	-100.0	0.0	0.0	0.0	0.0	0.0	
O+M	1.5	2.3	0.0	5.8	4.8	9.0	6.7	2.2	4.8	3.8	-1.5	-0.9	-0.8	
PROCUREMENT	5.2	2.3	17.3	2.5	9.1	9.1	15.0	8.6	10.0	5.8	2.8	-5.5	-2.9	
RDT+E	1.4	0.1	-2.2	6.4	5.4	8.1	11.6	8.2	13.4	16.0	1.2	-5.2	5.6	
MILITARY CONST	-12.5	-5.8	-1.0	6.9	-9.1	11.1	15.8	1.3	11.1	15.7	12.1	-11.1	0.8	
FAMILY HOUSING	5.3	-3.6	-3.4	0.5	-7.3	7.7	3.6	10.3	6.3	4.5	0.6	0.0	2.9	
TOTAL	1.3	0.6	3.8	3.4	5.1	7.0	7.6	3.7	6.8	6.1	0.8	-3.1	-0.6	

**Table 6-12**  
**DEPARTMENT of DEFENSE OUTLAYS by CATEGORY**  
(\$ in Millions)

	FY 51	FY 52	FY 53	FY 54	FY 55	FY 56	FY 57	FY 58	FY 59	FY 60	FY 61	FY 62	FY 63	
<b>CURRENT DOLLARS</b>														
CIVILIAN PAYROLL	3,222	4,780	5,516	5,271	5,255	5,502	5,701	6,003	6,327	6,240	6,616	7,034	7,295	
TOTAL MILPER ACTIVE	6,890	9,375	10,097	9,461	9,244	9,136	9,117	8,993	9,269	9,168	9,181	9,917	9,762	
TOTAL RETPAY ACCRUAL														
OTHER MIL PERS	403	2,018	1,725	1,811	1,742	1,976	1,786	2,063	1,890	1,875	2,118	2,220	2,222	
RETIRED PAY	324	329	357	386	419	477	511	562	641	694	786	894	1,015	
TOTAL PAY	10,840	16,504	17,696	16,929	16,659	17,090	17,115	17,622	18,129	17,978	18,701	20,066	20,294	
O+N, EXCLUDING PAY	4,361	8,314	6,361	5,447	3,527	4,103	4,685	4,680	5,084	5,034	5,299	6,048	6,381	
PROC, RDT+E + CONST	4,371	13,898	19,353	17,680	14,983	14,202	16,297	16,893	18,254	18,481	19,292	20,712	21,266	
TOTAL, NON-PAY	8,732	22,212	25,714	23,127	18,510	18,305	20,982	21,572	23,338	23,515	24,591	26,760	27,647	
TOTAL, CURRENT \$	19,572	38,716	43,410	40,056	35,169	35,396	38,098	39,194	41,467	41,494	43,292	46,826	47,941	
<b>CONSTANT FY 1989 DOLLARS</b>														
CIVILIAN PAYROLL	30,332	42,115	47,136	42,744	39,899	38,973	38,690	36,107	35,641	34,129	33,577	34,823	34,802	
TOTAL MILPER ACTIVE	54,260	74,634	75,278	71,306	68,028	64,034	64,851	61,030	58,781	57,486	57,103	62,162	60,653	
TOTAL RETPAY ACCRUAL														
OTHER MIL PERS	2,030	10,631	8,843	9,651	8,905	9,547	8,380	8,453	7,504	7,404	8,278	8,751	8,811	
RETIRED PAY	1,867	1,925	2,056	2,378	2,431	2,593	2,674	2,913	3,108	3,392	3,853	4,379	5,009	
TOTAL PAY	88,479	129,306	133,313	126,080	119,263	115,148	114,596	108,503	105,034	102,412	102,811	110,115	109,275	
O+N, EXCLUDING PAY	20,082	40,499	31,098	27,126	16,519	18,602	19,628	19,360	20,624	20,666	21,291	24,487	25,769	
PROC, RDT+E + CONST	22,227	69,796	96,085	91,825	74,557	66,885	70,759	72,746	77,626	79,718	81,235	88,269	91,997	
TOTAL, NON-PAY	42,309	110,295	127,183	118,951	91,076	85,487	90,387	92,106	98,250	100,384	102,526	112,746	117,766	
TOTAL, CONSTANT \$	130,788	239,600	260,496	245,031	210,339	200,635	204,983	200,609	203,284	202,796	205,337	222,861	227,041	

**Table 6-12 [Continued]**  
**DEPARTMENT of DEFENSE OUTLAYS by CATEGORY**  
(\$ in Millions)

	FY 64	FY 65	FY 66	FY 67	FY 68	FY 69	FY 70	FY 71	FY 72	FY 73	FY 74	FY 75	FY 76
<b>CURRENT DOLLARS</b>													
CIVILIAN PAYROLL	7,502	7,833	8,500	9,664	10,578	11,301	12,204	12,504	13,222	13,574	14,137	15,334	16,418
TOTAL MILPER ACTIVE	10,615	11,019	12,178	14,111	15,264	16,699	18,638	18,676	19,762	20,494	21,013	21,573	21,885
TOTAL RETPAY ACCRUAL													
OTHER MIL PERS	2,371	2,367	2,984	3,846	4,595	4,675	4,393	3,956	3,274	2,762	2,715	3,395	3,178
RETIRED PAY	1,209	1,384	1,591	1,830	2,095	2,444	2,849	3,386	3,885	4,390	5,128	6,242	7,296
TOTAL PAY	21,697	22,604	25,253	29,441	32,532	35,119	38,084	38,522	40,142	41,210	42,993	46,543	48,777
O+M, EXCLUDING PAY	6,373	6,557	8,381	11,600	12,369	13,784	12,351	11,260	11,442	10,455	11,415	14,143	14,718
PROC, RDT+E + CONST	21,399	16,719	20,458	26,316	32,364	28,883	26,635	24,690	23,492	21,559	23,142	24,214	24,397
TOTAL, NON-PAY	27,773	23,276	28,839	37,916	44,734	42,666	38,986	35,949	34,934	32,013	34,557	38,357	39,114
TOTAL, CURRENT \$	49,470	45,880	54,093	67,357	77,266	77,786	77,070	74,472	75,076	73,223	77,550	84,900	87,891
<b>CONSTANT FY 89 DOLLARS</b>													
CIVILIAN PAYROLL	34,267	33,699	35,250	38,456	40,684	40,833	39,473	37,211	36,339	35,232	33,683	33,757	33,411
TOTAL MILPER ACTIVE	60,661	60,602	61,920	68,458	70,730	71,717	69,539	64,336	58,337	53,806	51,656	49,741	48,016
TOTAL RETPAY ACCRUAL													
OTHER MIL PERS	9,010	8,639	9,930	12,129	14,000	14,001	12,667	10,977	8,815	6,995	6,362	7,511	6,648
RETIRED PAY	5,738	6,458	7,101	7,880	8,725	9,663	10,479	11,256	12,109	12,900	13,740	14,658	15,430
TOTAL PAY	109,675	109,398	114,202	126,923	134,140	136,213	132,157	123,781	115,600	108,933	105,441	105,667	103,505
O+M, EXCLUDING PAY	25,606	26,104	32,203	42,615	43,799	47,558	40,969	35,920	34,916	31,020	30,503	31,561	30,727
PROC, RDT+E + CONST	90,641	69,701	80,737	98,459	116,670	101,302	89,880	79,422	72,159	63,805	64,080	59,254	55,597
TOTAL, NON-PAY	116,247	95,805	112,941	141,074	159,469	148,860	130,849	115,342	107,075	94,825	94,583	90,815	86,324
TOTAL, CONSTANT \$	225,922	205,203	227,142	267,997	293,608	285,073	263,006	239,123	222,675	203,758	200,024	196,483	189,829

**Table 6-12 [Continued]**  
**DEPARTMENT of DEFENSE OUTLAYS by CATEGORY**

	(\$ in Millions)												
	FY 77	FY 78	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
<b>CURRENT DOLLARS</b>													
CIVILIAN PAYROLL	17,649	18,854	20,494	22,262	23,775	26,065	27,763	29,454	31,407	32,166	33,737	36,737	38,007
TOTAL MILPER ACTIVE	22,598	23,815	25,084	26,854	31,067	36,930	39,090	41,367	43,967	46,220	47,713	49,886	51,249
TOTAL RETPAY ACCRUAL													
OTHER MIL PERS	3,117	3,260	3,323	3,988	5,341	6,411	6,433	6,288	16,862	17,348	18,133	18,283	18,500
RETIRED PAY	8,216	9,171	10,279	11,920	13,729	14,938	15,945	16,471					
TOTAL PAY	51,481	55,100	59,180	65,023	73,913	83,344	89,231	93,579	99,249	103,677	105,756	112,190	115,834
O+M, EXCLUDING PAY	16,788	18,591	18,615	25,512	31,228	37,173	41,085	42,203	45,640	48,258	47,620	48,843	50,145
PROC, RDT+E + CONST	27,289	29,360	37,218	42,306	50,894	62,333	74,695	85,023	100,481	113,702	120,631	116,242	119,522
TOTAL, NON-PAY	44,077	47,942	55,833	67,817	82,122	99,506	115,781	127,226	146,120	161,960	168,251	165,085	169,666
TOTAL, CURRENT \$	95,667	103,042	116,013	132,840	156,035	182,850	205,012	220,806	245,370	265,636	274,007	277,275	285,500
<b>CONSTANT FY 89 DOLLARS</b>													
CIVILIAN PAYROLL	32,821	32,728	33,575	34,144	33,545	35,841	36,204	36,909	38,052	38,121	38,000	38,018	38,007
TOTAL MILPER ACTIVE	46,902	46,207	45,932	45,896	46,613	47,916	49,065	49,455	50,371	50,952	50,671	51,703	51,249
TOTAL RETPAY ACCRUAL													
OTHER MIL PERS	6,197	6,134	5,795	6,476	6,991	6,676	7,620	7,215	17,179	17,557	19,433	18,629	18,500
RETIRED PAY	16,406	17,034	17,634	18,244	18,895	19,292	19,465	19,446					
TOTAL PAY	102,326	102,103	102,936	104,759	106,045	109,724	112,353	113,024	113,423	115,275	114,650	115,851	115,834
O+M, EXCLUDING PAY	32,503	33,633	30,437	33,388	36,779	40,740	45,514	46,784	49,764	53,210	51,879	50,706	50,145
PROC, RDT+E + CONST	57,562	57,791	67,431	68,903	74,727	82,317	92,631	99,860	114,155	125,692	129,856	120,659	119,522
TOTAL, NON-PAY	90,065	91,424	97,867	102,291	111,506	123,057	138,146	146,643	163,919	178,902	181,735	171,365	169,666
TOTAL, CONSTANT \$	192,391	193,527	200,803	207,050	217,551	232,781	250,499	259,667	277,343	294,177	296,385	287,215	285,500

**Table 6-13**  
**DEPARTMENT of DEFENSE OUTLAYS by SERVICE**  
(\$ in Millions)

	FY 51	FY 52	FY 53	FY 54	FY 55	FY 56	FY 57	FY 58	FY 59	FY 60	FY 61	FY 62	FY 63
<b>CURRENT DOLLARS</b>													
ARMY	7,395	15,561	16,249	12,828	8,788	8,588	8,972	9,131	9,533	9,453	10,145	11,248	11,476
NAVY	5,528	10,112	11,616	11,208	9,694	9,641	10,318	11,009	11,835	11,726	12,234	13,191	13,973
AIR FORCE	6,287	12,650	15,137	15,588	16,227	16,613	18,235	18,411	19,249	19,289	19,804	20,790	20,610
DEFENSE AGENCIES/OSD	12	13	15	12	13	14	14	16	158	269	241	221	383
DEFENSE-WIDE	350	379	394	420	448	540	558	628	691	756	868	1,376	1,499
TOTAL, CURRENT \$	19,572	38,716	43,410	40,056	35,169	35,396	38,098	39,194	41,467	41,494	43,292	46,826	47,941
<b>CONSTANT FY 1989 DOLLARS</b>													
ARMY	50,902	95,926	96,038	78,893	56,275	51,590	51,864	49,341	48,497	47,531	49,124	54,561	54,474
NAVY	38,515	64,602	73,299	71,306	60,422	57,363	58,193	58,386	60,870	60,561	61,189	65,751	70,060
AIR FORCE	39,301	76,805	88,824	92,201	90,989	88,734	91,989	89,623	89,998	90,036	89,946	95,420	93,969
DEFENSE AGENCIES/OSD	99	111	113	93	92	90	83	88	619	1,047	919	855	1,641
DEFENSE-WIDE	1,972	2,156	2,222	2,538	2,562	2,859	2,863	3,171	3,299	3,630	4,160	6,274	6,908
TOTAL, CONSTANT \$	130,788	239,600	260,496	245,031	210,339	200,635	204,983	200,609	203,284	202,796	205,337	222,861	227,041
<b>% REAL GROWTH</b>													
ARMY	72.4	88.6	0.1	-17.9	-28.7	-8.3	0.5	-4.8	-1.7	-2.0	3.4	11.1	-0.2
NAVY	29.6	67.7	13.6	-2.7	-15.3	-5.1	1.4	0.3	4.3	-0.5	1.1	7.5	6.6
AIR FORCE	57.6	95.4	15.6	3.8	-1.3	-2.5	3.7	-2.6	0.4	0.0	-0.1	6.1	-1.5
DEFENSE AGENCIES/OSD	27.6	12.8	1.8	-17.6	-1.9	-1.4	-7.8	5.8	603.0	69.1	-12.2	-7.0	92.0
DEFENSE-WIDE	9.8	9.3	3.1	14.2	0.9	11.6	0.2	10.7	4.1	10.0	14.6	50.8	10.1
TOTAL	61.6	83.2	8.7	-6.0	-14.2	-4.6	2.2	-2.1	1.3	-0.2	1.3	8.5	1.9

**Table 6-13 [Continued]**  
**DEPARTMENT of DEFENSE OUTLAYS by SERVICE**  
(\$ in Millions)

	FY 64	FY 65	FY 66	FY 67	FY 68	FY 69	FY 70	FY 71	FY 72	FY 73	FY 74	FY 75	FY 76
<b>CURRENT DOLLARS</b>													
ARMY	12,011	11,552	14,732	20,958	25,222	25,033	24,749	23,077	22,596	20,185	21,395	21,920	21,398
NAVY	14,466	13,339	15,962	19,246	22,072	22,505	22,051	22,336	22,470	23,984	27,393	28,462	
AIR FORCE	20,456	18,146	20,065	22,912	25,734	25,892	24,867	23,778	23,999	23,627	23,928	25,042	26,446
DEFENSE AGENCIES/OSD	695	804	1,063	1,893	1,806	1,295	1,442	1,531	1,517	1,771	2,178	3,106	3,020
DEFENSE-WIDE	1,842	2,039	2,272	2,348	2,631	3,060	3,506	4,034	4,629	5,169	6,065	7,438	8,565
TOTAL, CURRENT \$	49,470	45,880	54,093	67,357	77,266	77,785	77,070	74,472	75,076	73,223	77,550	84,900	87,891
<b>CONSTANT FY 89 DOLLARS</b>													
ARMY	54,604	51,380	60,913	81,702	93,902	89,706	82,161	72,253	65,030	54,311	53,889	49,912	45,403
NAVY	69,092	61,961	68,502	77,943	84,966	83,748	77,585	71,382	66,474	62,642	61,898	64,114	62,278
AIR FORCE	91,235	79,756	84,044	91,744	98,453	95,444	86,117	77,725	72,675	67,043	62,655	58,138	57,774
DEFENSE AGENCIES/OSD	2,819	3,170	4,086	6,889	5,716	4,469	4,595	4,569	4,261	4,736	5,434	6,960	6,283
DEFENSE-WIDE	8,172	8,936	9,596	9,720	10,571	11,706	12,548	13,194	14,235	15,026	16,148	17,360	18,091
TOTAL, CONSTANT \$	225,922	205,203	227,142	267,997	293,608	285,073	263,006	239,123	222,675	203,758	200,024	196,483	189,829
<b>% REAL GROWTH</b>													
ARMY	0.2	-5.9	18.6	34.1	14.9	-4.5	-8.4	-12.1	-10.0	-16.5	-0.8	-7.4	-9.0
NAVY	-1.4	-10.3	10.6	13.8	9.0	-1.4	-7.4	-8.0	-6.9	-5.8	-1.2	3.6	-2.9
AIR FORCE	-2.9	-12.6	5.4	9.2	7.3	-3.1	-9.8	-9.7	-6.5	-7.7	-6.5	-7.2	-0.6
DEFENSE AGENCIES/OSD	71.8	12.4	28.9	68.6	-17.0	-21.8	2.8	-0.6	-6.8	11.2	14.7	28.1	-9.7
DEFENSE-WIDE	18.3	9.4	7.4	1.3	8.8	10.7	7.2	5.2	7.9	5.6	7.5	7.5	4.2
TOTAL	-0.5	-9.2	10.7	18.0	9.6	-2.9	-7.7	-9.1	-6.9	-14.8	-1.8	-1.8	-3.4

**Table 6-13 [Continued]**  
**DEPARTMENT of DEFENSE OUTLAYS by SERVICE**  
(\$ in Millions)

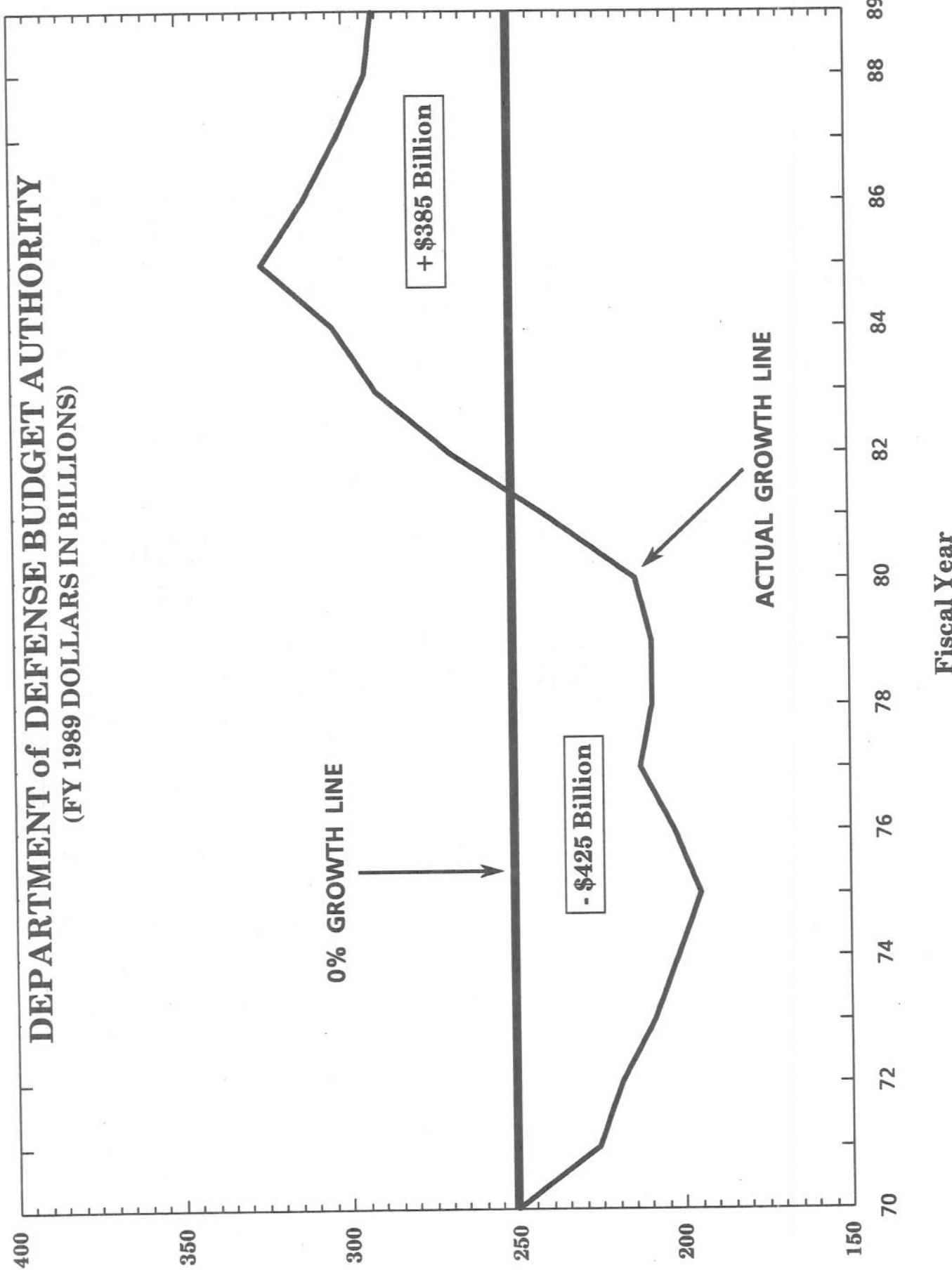
	FY 77	FY 78	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
<b>CURRENT DOLLARS</b>													
ARMY	23,919	26,019	28,770	32,601	37,623	44,496	51,521	55,655	66,708	71,107	73,808	76,027	76,595
NAVY	30,775	33,524	37,813	42,710	50,485	58,941	67,372	70,920	84,197	88,492	90,813	91,703	95,175
AIR FORCE	27,915	29,217	32,277	38,976	46,748	55,104	62,894	68,620	81,988	91,188	91,144	92,269	94,549
DEFENSE AGENCIES/OSD	3,288	3,623	4,306	4,826	5,422	7,095	6,942	8,813	12,009	14,283	17,254	17,096	17,832
DEFENSE-WIDE	9,660	10,659	11,847	13,728	15,756	17,214	16,282	16,798	467	565	987	1,180	1,350
TOTAL, CURRENT \$	95,557	103,042	115,013	132,840	156,035	182,850	205,012	220,806	245,370	266,274,007	277,275	285,500	
<b>CONSTANT FY 89 DOLLARS</b>													
ARMY	47,687	48,495	50,120	51,874	53,621	57,763	64,030	66,165	75,750	78,705	79,732	77,655	76,595
NAVY	62,528	63,471	66,614	66,912	70,599	75,016	82,124	83,290	95,149	97,992	98,225	94,988	95,175
AIR FORCE	56,651	55,370	66,693	60,034	64,239	68,624	75,764	79,788	92,012	100,778	98,593	95,617	94,549
DEFENSE AGENCIES/OSD	6,321	6,469	7,127	7,333	7,497	9,271	8,704	10,593	13,901	16,076	18,772	17,731	17,832
DEFENSE-WIDE	19,204	19,721	20,250	20,898	21,594	22,108	19,877	19,831	531	625	1,063	1,225	1,350
TOTAL, CONSTANT \$	192,391	193,527	200,803	207,050	217,561	232,781	250,499	269,667	277,343	294,177	296,385	287,215	285,500
<b>% REAL GROWTH</b>													
ARMY	5.0	1.7	3.3	3.5	3.4	7.7	10.9	3.3	14.5	3.9	1.3	-2.6	-1.4
NAVY	0.4	1.5	5.0	0.4	5.5	6.3	9.5	1.4	14.2	3.0	0.2	-3.3	0.2
AIR FORCE	-1.9	-2.3	2.4	5.9	7.0	6.8	10.4	5.3	15.3	9.5	-2.2	-3.0	-1.1
DEFENSE AGENCIES/OSD	0.6	2.3	10.2	2.9	2.2	23.6	-6.1	21.7	31.2	15.6	16.8	-5.5	0.6
DEFENSE-WIDE	6.2	2.7	2.7	3.2	3.3	2.4	-10.1	-0.2	-97.3	17.8	70.1	15.3	10.2
TOTAL	1.3	0.6	3.8	3.1	5.1	7.0	7.6	3.7	6.8	6.1	0.8	-3.1	-0.6

**Table 6-14**  
**DEPARTMENT OF DEFENSE CIVILIAN PAY**  
 (Current \$ in Thousands)

FY	G.S.	W.B.	TOTAL U.S.	D.H. F.N.	TOTAL D.H.	I.H. F.N.	TOTAL CIV PAY
1945	2,536,444	2,990,416	5,526,860	43,140	5,570,000	231,083	5,801,083
1946	2,000,155	2,603,004	4,603,159	22,841	4,626,000	122,288	4,748,288
1947	1,303,538	1,593,973	2,897,511	26,489	2,924,000	141,806	3,065,806
1948	995,957	1,276,807	2,272,764	31,378	2,304,142	167,874	2,472,016
1949	1,105,017	1,372,008	2,477,025	37,058	2,514,083	198,132	2,712,215
1950	1,108,768	1,206,569	2,315,337	42,663	2,358,000	228,163	2,586,163
1951	1,134,793	1,644,926	2,779,719	69,690	2,849,409	372,807	3,222,216
1952	1,711,123	2,431,129	4,142,252	100,532	4,242,784	537,698	4,780,482
1953	1,888,239	2,758,388	4,646,627	136,974	4,783,601	732,389	5,515,990
1954	1,859,142	2,641,691	4,500,833	121,377	4,622,210	649,113	5,271,323
1955	2,070,294	2,548,191	4,618,485	100,235	4,718,720	535,942	5,254,662
1956	2,311,037	2,630,679	4,941,716	97,024	5,038,740	462,779	5,501,519
1957	2,440,774	2,745,583	5,186,357	94,462	5,280,819	420,616	5,701,435
1958	2,680,336	2,863,825	5,544,161	93,918	5,638,079	365,139	6,003,218
1959	2,921,488	3,020,202	5,941,690	90,398	6,032,088	295,367	6,327,455
1960	2,893,789	2,987,756	5,881,545	86,930	5,968,475	272,021	6,240,496
1961	3,217,567	3,022,037	6,239,604	97,600	6,337,204	279,200	6,616,404
1962	3,517,829	3,114,005	6,631,834	103,400	6,735,234	299,000	7,034,234
1963	3,681,825	3,189,354	6,871,179	110,200	6,981,379	313,400	7,294,779
1964	3,954,088	3,123,314	7,077,402	111,900	7,189,302	312,600	7,501,902
1965	4,294,071	3,131,274	7,425,345	107,300	7,532,645	300,100	7,832,745
1966	4,733,692	3,326,267	8,059,959	127,100	8,187,059	312,900	8,499,959
1967	5,327,505	3,801,427	9,128,932	181,250	9,310,182	343,850	9,654,032
1968	6,046,547	3,959,237	10,005,784	219,300	10,225,084	353,100	10,578,184
1969	6,598,426	4,085,610	10,684,036	280,049	10,964,085	336,970	11,301,055
1970	7,322,460	4,218,766	11,541,226	293,738	11,834,964	368,588	12,203,552
1971	7,563,332	4,236,158	11,799,490	297,534	12,097,024	406,956	12,503,980
1972	8,125,799	4,341,701	12,467,500	251,856	12,719,356	502,373	13,221,729
1973	8,243,279	4,508,037	12,751,316	179,776	12,931,092	642,648	13,573,740
1974	8,564,289	4,635,296	13,199,585	167,923	13,367,508	769,487	14,136,995
1975	9,157,047	5,161,056	14,318,103	181,024	14,499,127	834,404	15,333,531
1976	9,713,310	5,612,971	15,326,281	200,741	15,527,022	890,691	16,417,713
1977	10,364,135	5,995,442	16,359,577	232,510	16,592,087	957,228	17,549,315
1978	11,063,068	6,283,002	17,346,070	255,877	17,601,947	1,251,639	18,853,586
1979	12,255,408	6,640,054	18,895,462	282,817	19,178,279	1,315,714	20,493,993
1980	13,330,482	7,222,536	20,553,018	307,627	20,860,645	1,431,132	22,291,777
1981	14,298,511	7,745,903	22,044,414	330,379	22,374,793	1,533,365	23,908,158
1982	15,800,350	8,422,631	24,222,981	360,029	24,583,010	1,482,442	26,065,452
1983	17,600,151	8,638,576	26,238,727	340,864	26,579,591	1,183,643	27,763,234
1984	18,599,469	9,165,674	27,765,143	356,986	28,122,129	1,331,913	29,454,042
1985	20,360,558	9,458,297	29,818,855	365,663	30,184,518	1,222,151	31,406,669
1986	21,259,858	9,394,084	30,653,942	395,480	31,049,422	1,115,798	32,165,220
1987	22,124,758	9,385,955	31,510,713	422,962	31,933,675	1,803,036	33,736,711
1988	24,012,868	9,922,972	33,935,840	459,943	34,395,783	2,341,421	36,737,204
1989	24,773,583	10,102,854	34,876,437	510,080	35,386,517	2,620,353	38,006,870
1990	25,580,811	10,432,047	36,012,858	549,940	36,562,798	2,759,584	39,322,382
1991	26,414,659	10,772,097	37,186,756	590,228	37,776,984	2,908,974	40,685,958
1992	27,263,825	11,118,394	38,382,219	636,733	39,018,952	3,083,512	42,102,464

**Table 6-15**  
**DEPARTMENT OF DEFENSE CIVILIAN PAY**  
(FY 1989 \$ in Thousands)

FY	G.S.	W.B.	TOTAL U.S.	D.H. F.N.	TOTAL D.H.	I.H. F.N.	TOTAL CIV PAY
1945	21,379,873	42,644,078	64,023,951	915,943	64,939,894	5,755,062	70,694,956
1946	16,859,454	34,277,114	51,136,568	461,957	51,598,525	2,894,117	54,492,642
1947	9,589,774	19,019,342	28,609,116	505,747	29,114,863	3,180,362	32,295,225
1948	7,326,984	14,138,516	21,465,500	557,494	22,022,994	3,490,830	25,513,824
1949	7,327,213	13,975,126	21,302,339	640,610	21,942,949	4,041,531	25,984,480
1950	7,161,150	11,564,707	18,725,857	699,680	19,425,537	4,382,861	23,808,398
1951	7,235,262	15,217,411	22,452,673	1,083,876	23,536,549	6,795,607	30,332,156
1952	9,918,059	21,342,542	31,260,601	1,491,042	32,751,643	9,362,994	42,114,637
1953	10,944,663	22,153,236	33,097,899	1,925,496	35,023,395	12,113,011	47,136,406
1954	10,776,011	19,801,594	30,577,605	1,674,050	32,251,655	10,492,750	42,744,405
1955	11,699,881	18,484,574	30,184,455	1,335,647	31,520,102	8,378,807	39,898,909
1956	12,438,505	18,354,257	30,792,762	1,125,764	31,918,526	7,054,773	38,973,299
1957	13,136,778	18,036,703	31,173,481	1,081,321	32,254,802	6,434,881	38,689,683
1958	12,891,437	16,611,129	29,502,566	1,037,940	30,540,506	5,566,313	36,106,819
1959	13,427,931	16,533,922	29,961,853	1,009,943	30,971,796	4,668,801	35,640,597
1960	13,300,619	15,624,868	28,925,487	981,916	29,907,403	4,221,896	34,129,299
1961	13,537,618	15,050,285	28,587,903	988,925	29,576,828	4,000,000	33,576,828
1962	14,800,943	15,096,742	29,897,685	996,396	30,894,081	3,928,886	34,822,967
1963	14,910,702	15,013,882	29,924,584	1,019,672	30,944,256	3,857,753	34,802,009
1964	15,459,364	14,266,528	29,725,892	1,044,847	30,770,739	3,496,253	34,266,992
1965	15,795,214	13,911,580	29,706,794	879,876	30,586,670	3,112,651	33,699,321
1966	16,936,286	14,341,994	31,278,280	992,907	32,271,187	2,978,553	35,249,740
1967	18,373,495	15,852,952	34,226,447	1,363,879	35,590,326	2,865,632	38,455,958
1968	20,181,527	15,855,150	36,036,677	1,892,295	37,928,972	2,755,107	40,684,079
1969	20,769,034	15,471,107	36,240,141	2,001,365	38,241,506	2,591,499	40,833,005
1970	20,458,313	14,734,701	35,193,014	1,876,429	37,069,443	2,403,197	39,472,640
1971	19,880,381	13,578,735	33,459,116	1,528,559	34,987,675	2,223,536	37,211,211
1972	20,205,439	12,692,360	32,897,799	1,288,714	34,186,513	2,151,988	36,338,501
1973	19,464,052	12,489,194	31,953,246	921,734	32,874,980	2,356,914	35,231,894
1974	19,005,610	11,842,892	30,848,502	662,996	31,511,498	2,171,416	33,682,914
1975	19,227,961	11,910,963	31,138,924	640,136	31,779,060	1,978,025	33,757,085
1976	19,384,362	11,479,454	30,863,816	619,896	31,483,712	1,926,972	33,410,684
1977	19,458,816	10,982,413	30,441,229	550,034	30,991,263	1,829,732	32,820,995
1978	19,344,072	10,628,098	29,972,170	522,254	30,494,424	2,233,993	32,728,417
1979	20,310,620	10,547,302	30,857,922	501,957	31,359,879	2,215,428	33,575,307
1980	20,647,375	10,781,836	31,429,211	487,485	31,916,696	2,273,067	34,189,763
1981	20,299,399	10,660,536	30,959,935	475,932	31,435,867	2,297,444	33,733,311
1982	21,834,334	11,045,364	32,879,698	479,243	33,358,941	2,481,727	35,840,668
1983	22,393,987	10,819,155	33,213,142	489,463	33,702,605	2,501,909	36,204,514
1984	22,793,635	11,058,916	33,852,551	504,701	34,357,252	2,551,279	36,908,531
1985	23,888,368	11,042,498	34,930,866	519,566	35,450,432	2,601,146	38,051,578
1986	24,378,558	10,699,400	35,077,958	524,732	35,602,690	2,518,333	38,121,023
1987	24,540,854	10,347,770	34,888,624	513,911	35,402,535	2,597,080	37,999,615
1988	24,670,586	10,242,381	34,912,967	500,978	35,413,945	2,604,134	38,018,079
1989	24,773,583	10,102,854	34,876,437	510,080	35,386,517	2,620,353	38,006,870
1990	24,835,739	10,128,201	34,963,940	509,204	35,473,144	2,603,381	38,076,525
1991	24,898,350	10,153,735	35,052,085	506,025	35,558,110	2,588,977	38,147,087
1992	24,950,262	10,174,906	35,125,168	505,459	35,630,627	2,588,976	38,219,603



## CHAPTER 7

### DEFENSE, THE PUBLIC SECTOR, AND THE ECONOMY

The National Defense Function shown in Tables 7-1 and 7-2 is consistent with the OMB treatment of military retirement in all years.

Table 7-1 provides total Federal outlays from FY 1945-1989, grouped under: National Defense; Veterans, Space and International Programs; Net Interest; and Social and Economic programs. This category includes the following functions: General Science and Technology (excluding the space program); Natural Resources and Environment; Energy; Agriculture; Commerce and Housing Credit; Transportation; Community and Regional Development; Education, Training, Employment and Social Services; Health; Income Security; Administration of Justice; General Government; Revenue Sharing and general purpose fiscal assistance.

Table 7-2 provides these data in constant FY 1982 prices.

Table 7-3 provides a breakdown of net U.S. public spending by federal, state, and local components from FY 1945-1989. This excludes government enterprises (such as the postal service, utilities, and liquor stores) except for any support these activities receive from tax funds.

Table 7-4 provides these data in constant FY 1982 prices.

Table 7-5 provides Gross National Product (GNP) for fiscal years 1947 through 1989 in current and constant FY 1982 dollars. The table provides a breakdown of GNP under these headings: National Defense, Other Federal, State and Local, and All Other. Data are on a National Income Accounts (NIA) basis. Also shown are percentage distributions of the NIA by fiscal years.

Table 7-6 provides DoD employment (military and civil service by component and industry employment) for the years 1940-89.

Table 7-7 provides U.S. employment and labor force data for FY 1940-FY 1989.

Table 7-8 is a master percentage table which provides DoD and national defense spending as a percentage of various economic and budgetary aggregates. Included are: DoD and national defense outlays as a percentage of the Federal Budget and of net public spending; DoD employment as a percentage of public employment and the total labor force; and the defense share of GNP on a budget basis.

**TABLE 7-1**  
**FEDERAL OUTLAYS FY 1945-1989**  
(\$ Millions )

Fiscal Year	FEDERAL UNIFIED BUDGET					UNDIST. OFFSET. RECEIPTS	TOTAL
	National Defense	Veterans, Space, Internat'l	Net Interest	Social & Economic	AGENCY TOTAL		
1945	82,965	2,023	3,112	6,001	94,101	- 1,389	92,712
1946	42,681	4,400	4,111	5,508	56,700	- 1,468	55,232
1947	12,808	12,135	4,204	6,901	36,048	- 1,552	34,496
1948	9,105	11,023	4,341	6,938	31,407	- 1,643	29,764
1949	13,150	12,651	4,523	10,290	40,614	- 1,779	38,835
1950	13,724	13,507	4,812	12,336	44,379	- 1,817	42,562
1951	23,566	9,173	4,665	10,442	47,846	- 2,332	45,514
1952	46,089	8,032	4,701	12,241	71,063	- 3,377	67,686
1953	52,802	6,638	5,156	15,076	79,672	- 3,571	76,101
1954	49,266	6,209	4,811	13,966	74,252	- 3,397	70,855
1955	42,729	6,898	4,850	17,460	71,937	- 3,493	68,444
1956	42,523	7,355	5,079	19,272	74,229	- 3,589	70,640
1957	45,430	8,207	5,354	21,733	80,724	- 4,146	76,578
1958	46,815	8,791	5,604	25,580	86,790	- 4,385	82,405
1959	49,015	8,849	5,762	33,085	96,711	- 4,613	92,098
1960	48,130	8,798	6,947	33,136	97,011	- 4,820	92,191
1961	49,601	9,666	6,716	36,547	102,530	- 4,807	97,723
1962	52,345	12,493	6,889	40,368	112,095	- 5,274	106,821
1963	53,400	13,346	7,740	42,627	117,113	- 5,797	111,316
1964	54,757	14,758	8,199	46,522	124,236	- 5,708	118,528
1965	50,620	16,030	8,591	48,895	124,136	- 5,908	118,228
1966	58,111	17,362	9,386	56,215	141,074	- 6,542	134,532
1967	71,417	17,645	10,268	65,428	164,758	- 7,294	157,464
1968	81,926	16,637	11,090	76,526	186,179	- 8,045	178,134

**TABLE 7-1 [Continued]**  
**FEDERAL OUTLAYS FY 1945-1989**  
 (\$ Millions )

Fiscal Year	FEDERAL UNIFIED BUDGET					UNDIST. OFFSET. RECEIPTS	TOTAL
	National Defense	Veterans, Space, Internat'l	Net Interest	Social & Economic	AGENCY TOTAL		
1969	82,497	16,324	12,699	80,106	191,626	- 7,986	183,640
1970	81,692	16,573	14,380	91,636	204,281	- 8,632	195,649
1971	78,872	17,110	14,841	109,456	220,279	- 10,107	210,172
1972	79,174	18,709	15,478	126,903	240,264	- 9,583	230,681
1973	76,681	19,235	17,349	145,851	259,116	- 13,409	245,707
1974	79,347	22,061	21,449	163,251	286,108	- 16,749	269,359
1975	86,509	26,649	23,244	209,532	345,934	- 13,602	332,332
1976	89,619	28,205	26,714	241,627	386,165	- 14,386	371,779
1977	97,241	28,049	29,886	268,906	424,082	- 14,879	409,203
1978	104,495	30,226	35,441	304,287	474,449	- 15,720	458,729
1979	116,342	31,327	42,615	330,656	520,940	- 17,476	503,464
1980	133,995	38,350	52,512	386,005	610,862	- 19,942	590,920
1981	157,513	41,087	68,734	438,916	706,250	- 28,041	678,209
1982	185,309	41,851	84,995	459,650	771,805	- 26,099	745,706
1983	209,903	42,985	89,774	499,641	842,303	- 33,976	808,327
1984	227,413	47,958	111,058	497,309	883,738	- 31,957	851,781
1985	252,748	49,076	129,430	547,760	979,014	- 32,698	946,316
1986	273,375	47,263	135,969	566,658	1,023,265	- 33,007	990,258
1987	281,999	48,387	138,570	572,085	1,041,041	- 36,455	1,004,586
1988	285,423	46,109	147,871	612,624	1,092,027	- 36,123	1,055,904
1989	294,020	53,088	151,804	636,305	1,135,217	- 41,002	1,094,215

**TABLE 7-2**  
**FEDERAL OUTLAYS FY 1945-1989**  
(FY 1982 \$ Billions)

Fiscal Year	FEDERAL UNIFIED BUDGET					UNDIST. OFFSET. RECEIPTS	TOTAL
	National Defense	Veterans, Space, Internat'l	Net Interest	Social & Economic	AGENCY TOTAL		
1945	591.3	16.1	19.8	57.2	684.4	- 15.5	668.9
1946	339.8	26.4	23.4	40.8	430.4	- 15.1	415.3
1947	89.9	68.8	20.1	46.6	225.4	- 12.6	212.8
1948	55.8	54.6	18.7	40.7	169.8	- 11.6	158.2
1949	77.4	61.6	18.9	56.0	213.9	- 11.4	202.5
1950	83.9	65.0	20.2	63.3	232.4	- 11.9	220.5
1951	150.3	42.0	18.6	56.7	267.6	- 17.0	250.6
1952	258.9	33.7	18.4	60.6	371.6	- 22.3	349.3
1953	271.5	27.3	19.7	71.1	389.6	- 22.1	367.5
1954	250.0	23.3	18.2	59.9	351.4	- 20.5	330.9
1955	211.0	26.9	18.0	75.4	331.3	- 20.2	311.1
1956	198.5	28.1	18.2	81.0	325.8	- 19.6	306.2
1957	203.5	30.4	18.5	88.5	340.9	- 22.1	318.8
1958	198.3	30.7	18.8	96.8	344.6	- 21.8	322.8
1959	196.0	31.0	18.9	122.2	368.1	- 21.2	346.9
1960	192.1	29.6	22.3	118.4	362.4	- 22.0	340.4
1961	195.2	32.0	21.4	127.3	375.9	- 21.3	354.6
1962	202.2	41.6	21.5	141.3	406.6	- 22.9	383.7
1963	197.1	43.2	23.8	144.7	408.8	- 24.2	384.6
1964	198.8	47.2	24.8	155.1	425.9	- 23.0	402.9
1965	181.4	50.6	25.4	160.3	417.7	- 23.1	394.6
1966	197.9	53.0	27.0	177.5	455.4	- 24.2	431.2
1967	235.1	52.0	28.6	198.9	514.6	- 26.2	488.4
1968	254.8	46.8	29.8	221.3	552.7	- 27.2	525.5

**TABLE 7-2 [Continued]**  
**FEDERAL OUTLAYS FY 1945-1989**  
(FY 1982 \$ Billions )

Fiscal Year	FEDERAL UNIFIED BUDGET					UNDIST. OFFSET. RECEIPTS	TOTAL
	National Defense	Veterans, Space, Internat'l	Net Interest	Social & Economic	AGENCY TOTAL		
1969	243.4	43.1	32.4	217.0	535.9	- 25.5	510.4
1970	225.6	41.3	34.7	233.2	534.8	- 25.4	509.4
1971	202.7	40.0	34.0	260.0	536.7	- 27.3	509.4
1972	190.9	41.6	33.6	285.6	551.7	- 24.1	527.6
1973	175.1	40.1	35.9	304.5	555.6	- 28.1	527.5
1974	163.3	42.4	41.1	314.7	561.5	- 32.8	528.7
1975	159.8	46.2	40.4	363.0	609.4	- 23.4	586.0
1976	153.6	45.6	43.0	390.5	632.7	- 22.9	609.8
1977	154.3	42.1	44.6	403.3	644.3	- 21.7	622.6
1978	155.0	42.4	49.4	427.1	673.9	- 21.7	652.2
1979	159.1	40.6	54.7	428.7	683.1	- 22.9	660.2
1980	164.0	44.9	62.0	452.0	722.9	- 23.8	699.1
1981	171.4	43.8	73.7	467.7	756.6	- 30.1	726.5
1982	185.3	41.9	85.0	459.6	771.8	- 26.1	745.7
1983	201.3	41.2	86.1	478.3	806.9	- 32.3	774.6
1984	211.3	44.3	102.7	458.5	816.8	- 29.1	787.7
1985	229.4	43.8	115.9	487.7	876.8	- 28.8	848.0
1986	243.0	41.1	118.4	491.6	894.1	- 28.4	865.7
1987	249.8	40.8	117.5	481.7	889.8	- 30.5	859.3
1988	243.5	37.5	120.9	497.4	899.3	- 29.5	869.8
1989	241.6	41.6	119.5	497.9	900.6	- 32.2	868.4

**TABLE 7-3**  
**U.S. PUBLIC SPENDING - FEDERAL, STATE, & LOCAL**  
(\$ Millions )

Fiscal Year	TOTAL FEDERAL BUDGET	STATE & LOCAL GOVERNMENTS	LESS GRANTS IN-AID	NET TOTAL U.S. PUBLIC SPENDING
1945	92,712	9,200	- 859	101,053
1946	55,232	11,028	- 819	65,441
1947	34,496	14,000	- 1,603	46,893
1948	29,764	17,684	- 1,612	45,836
1949	38,835	20,200	- 1,876	57,159
1950	42,562	22,787	- 2,253	63,096
1951	45,514	24,400	- 2,287	67,627
1952	67,686	26,098	- 2,433	91,351
1953	76,101	27,910	- 2,835	101,176
1954	70,855	30,701	- 3,056	98,500
1955	68,444	33,724	- 3,207	98,961
1956	70,640	36,711	- 3,561	103,790
1957	76,578	40,375	- 3,974	112,979
1958	82,405	44,851	- 4,905	122,351
1959	92,098	48,887	- 6,463	134,522
1960	92,191	51,876	- 7,019	137,048
1961	97,723	56,201	- 7,126	146,798
1962	106,821	60,206	- 7,926	159,101
1963	111,316	63,977	- 8,602	166,691
1964	118,528	69,302	- 10,164	177,666
1965	118,228	74,678	- 10,910	181,996

**TABLE 7-3 [Continued]**  
**U.S. PUBLIC SPENDING - FEDERAL, STATE, & LOCAL**  
 (\$ Millions )

Fiscal Year	TOTAL FEDERAL BUDGET	STATE & LOCAL GOVERNMENTS	LESS GRANTS IN-AID	NET TOTAL U.S. PUBLIC SPENDING
1966	134,532	82,843	- 12,887	204,488
1967	157,464	93,350	- 15,233	235,581
1968	178,134	102,411	- 18,551	261,994
1969	183,640	116,728	- 20,164	280,204
1970	195,649	131,332	- 24,065	302,916
1971	210,172	150,674	- 28,099	332,747
1972	230,681	168,550	- 34,375	364,856
1973	245,707	181,357	- 41,847	385,217
1974	269,359	198,959	- 43,357	424,961
1975	332,332	230,721	- 49,791	513,262
1976	371,779	256,731	- 59,094	569,416
1977	409,203	274,215	- 68,415	615,003
1978	458,729	296,983	- 77,889	677,823
1979	503,464	327,517	- 82,858	748,123
1980	590,920	369,086	- 91,451	868,555
1981	678,209	407,449	- 94,762	990,896
1982	745,706	436,896	- 88,195	1,094,407
1983	808,327	466,764	- 92,495	1,182,596
1984	851,781	505,097	- 97,577	1,259,301
1985	946,316	553,997	- 105,897	1,394,416
1986	990,258	605,789	- 112,357	1,483,690
1987	1,004,586	640,000	- 108,392	1,536,194
1988	1,055,904	680,000	- 116,666	1,619,238
1989	1,094,215	730,000	- 119,015	1,705,200

**TABLE 7-4**  
**U.S.PUBLIC SPENDING - FEDERAL, STATE, & LOCAL**  
(FY 1982 \$ Billions )

Fiscal Year	TOTAL FEDERAL BUDGET	STATE & LOCAL GOVERNMENTS	LESS GRANTS IN-AID	NET TOTAL U.S. PUBLIC SPENDING
1945	668.9	79.7	- 5.6	743.0
1946	415.3	89.4	- 4.9	499.8
1947	212.8	101.1	- 8.3	305.6
1948	158.2	113.7	- 7.7	264.2
1949	202.5	118.1	- 8.5	312.1
1950	220.5	132.6	- 10.4	342.7
1951	250.6	132.6	- 9.7	373.5
1952	349.3	132.9	- 10.0	472.2
1953	367.5	137.2	- 11.3	493.4
1954	330.9	148.4	- 12.2	467.1
1955	311.1	158.5	- 12.7	456.9
1956	306.2	166.3	- 13.9	458.6
1957	318.8	172.7	- 14.8	476.7
1958	322.8	186.0	- 17.6	491.2
1959	346.9	197.6	- 23.0	521.5
1960	340.4	205.5	- 24.7	521.2
1961	354.6	217.0	- 24.8	546.8
1962	383.7	224.9	- 27.1	581.5
1963	384.6	232.6	- 28.7	588.5
1964	402.9	246.1	- 33.6	615.4
1965	394.6	258.9	- 35.4	618.1

**TABLE 7-4 [Continued]**  
**U.S.PUBLIC SPENDING - FEDERAL, STATE, & LOCAL**  
(FY 1982 \$ Billions )

Fiscal Year	TOTAL FEDERAL BUDGET	STATE & LOCAL GOVERNMENTS	LESS GRANTS IN-AID	NET TOTAL U.S. PUBLIC SPENDING
1966	431.2	277.1	- 40.6	667.7
1967	488.4	295.1	- 46.0	737.5
1968	525.5	306.0	- 53.4	778.1
1969	510.4	328.7	- 54.8	784.3
1970	509.4	342.2	- 61.2	790.4
1971	509.4	364.5	- 66.8	807.1
1972	527.6	385.0	- 77.2	835.4
1973	527.5	387.7	- 88.9	826.3
1974	528.7	392.3	- 84.6	836.4
1975	586.0	408.2	- 87.1	907.1
1976	609.8	422.6	- 96.2	936.2
1977	622.6	415.4	- 103.6	934.4
1978	652.2	419.2	- 109.7	961.7
1979	660.2	424.7	- 106.7	978.2
1980	699.1	431.2	- 105.9	1,024.4
1981	726.5	437.1	- 100.7	1,062.9
1982	745.7	436.9	- 88.2	1,094.4
1983	774.6	443.0	- 88.8	1,128.8
1984	787.7	457.8	- 90.2	1,155.3
1985	848.0	478.2	- 93.9	1,232.3
1986	865.7	503.9	- 96.7	1,272.9
1987	859.3	510.8	- 90.6	1,279.5
1988	869.8	517.9	- 93.8	1,293.9
1989	868.4	529.9	- 92.2	1,306.1

**Table 7-5**  
**NATIONAL INCOME ACCOUNTS (PURCHASES)**

Fiscal Year	Billions Constant FY 1982 Dollars				Billions Current Dollars				Percentage Distribution of GNP				
	GNP	National Defense		Other Federal	GNP	National Defense		Other Federal	All Local	National Defense	Other	State & Local	All Other
		All	Other	Federal		All	Other	Federal	All		Federal		
FY 1948	1,068.6	63.1	18.3	89.2	898.0	247.8	10.3	3.7	13.9	219.9	4.2	1.5	5.6
FY 1949	1,100.5	76.6	35.5	97.5	890.9	263.9	13.0	7.3	16.7	226.9	4.9	2.8	6.3
FY 1950	1,122.0	79.5	31.7	110.2	900.6	266.8	13.0	6.7	19.0	228.1	4.9	2.5	7.1
FY 1951	1,258.5	139.7	18.8	112.8	987.2	315.0	21.9	4.1	20.8	268.2	7.0	1.3	6.6
FY 1952	1,342.2	236.0	23.0	114.9	968.3	342.4	42.0	5.5	22.6	272.3	12.3	1.6	6.6
FY 1953	1,399.3	252.4	31.3	117.1	998.5	365.5	49.1	7.6	23.8	285.0	13.4	2.1	6.5
FY 1954	1,401.2	233.4	31.2	126.2	1,010.4	369.5	46.0	8.3	26.1	289.1	12.4	2.2	7.1
FY 1955	1,430.6	193.1	22.2	136.8	1,078.5	386.4	39.1	5.7	29.1	312.5	10.1	1.5	7.5
FY 1956	1,497.0	184.4	24.5	143.4	1,144.7	418.1	39.5	6.4	31.7	340.5	9.4	1.5	7.6
FY 1957	1,521.1	191.8	21.5	149.6	1,158.2	440.5	42.8	5.8	35.0	356.9	9.7	1.3	7.9
FY 1958	1,512.3	191.4	22.7	160.7	1,137.5	450.2	45.2	6.5	38.8	359.7	10.0	1.4	8.6
FY 1959	1,581.8	186.7	30.8	172.2	1,192.1	481.5	46.7	8.8	42.6	383.4	9.7	1.8	8.8
FY 1960	1,628.7	180.4	27.9	175.3	1,245.1	506.7	45.2	8.3	44.3	408.9	8.9	1.6	8.7
FY 1961	1,648.2	185.4	31.5	186.1	1,245.2	518.2	47.1	9.5	48.2	413.4	9.1	1.8	9.3
FY 1962	1,742.8	195.4	37.1	194.0	1,316.3	557.7	50.6	11.1	51.9	444.1	9.1	2.0	9.3
FY 1963	1,804.2	188.6	44.1	201.8	1,369.7	587.8	51.1	13.6	55.5	467.6	8.7	2.3	9.4
FY 1964	1,903.8	186.9	49.7	216.2	1,451.0	629.2	51.5	15.5	60.9	501.3	8.2	2.5	9.7
FY 1965	1,992.3	177.1	52.1	229.5	1,533.6	672.6	49.4	16.5	66.2	540.5	7.3	2.5	9.8
FY 1966	2,127.2	189.6	55.6	247.9	1,634.1	739.0	55.7	18.2	74.1	591.0	7.5	2.5	10.0
FY 1967	2,211.5	226.5	55.4	261.8	1,667.8	794.6	68.8	18.8	82.8	624.2	8.7	2.4	10.4
FY 1968	2,283.9	239.5	56.3	274.6	1,713.5	849.4	77.0	20.0	91.9	660.5	9.1	2.4	10.8
FY 1969	2,371.2	231.6	57.3	288.9	1,793.4	929.5	78.5	21.7	102.6	726.7	8.4	2.3	11.0
FY 1970	2,387.2	216.0	53.8	293.3	1,824.1	990.2	78.2	21.6	112.5	777.9	7.9	2.2	11.4

Table 7-5 [Continued]  
NATIONAL INCOME ACCOUNTS (PURCHASES)

Fiscal Year	Billions Constant FY 1982 Dollars				Billions Current Dollars				Percentage Distribution of GNP			
	GNP	National Defense	Other Federal	All Other	GNP	National Defense	Other Federal	All Local	National Defense	Other Federal	State & Local	All Other
		State & Local	Federal	All Other		Federal	Other	Local		Federal	Other	All Other
FY 1971	2,418.5	194.5	52.8	306.3	1,864.9	1,055.9	75.7	22.6	126.6	831.0	7.2	2.1
FY 1972	2,503.5	183.7	62.7	315.2	1,941.9	1,153.1	76.2	28.2	138.0	910.7	6.6	2.4
FY 1973	2,650.3	176.1	58.8	324.5	2,090.9	1,281.4	77.1	28.2	151.8	1,024.3	6.0	2.2
FY 1974	2,715.7	162.1	58.6	336.6	2,158.4	1,416.5	78.8	30.5	170.7	1,136.5	5.6	2.2
FY 1975	2,646.9	159.5	65.2	343.9	2,078.3	1,522.5	86.3	37.6	194.4	1,204.2	5.7	2.5
FY 1976	2,735.5	156.8	66.0	252.5	2,260.2	1,698.2	91.5	40.8	215.5	1,350.4	5.4	2.4
FY 1977	2,883.8	157.4	71.5	350.0	2,304.9	1,933.0	99.2	47.6	231.1	1,555.1	5.1	2.5
FY 1978	3,028.2	157.7	73.3	361.0	2,436.2	2,171.8	106.3	52.2	255.7	1,757.6	4.9	2.4
FY 1979	3,142.2	161.0	71.8	366.7	2,542.7	2,447.8	117.7	55.5	282.8	1,991.8	4.8	2.3
FY 1980	3,151.5	167.9	73.5	367.9	2,542.2	2,670.6	137.2	62.8	314.9	2,155.7	5.1	2.4
FY 1981	3,203.6	174.8	75.8	365.5	2,587.5	2,986.4	160.7	71.1	340.7	2,413.9	5.4	2.4
FY 1982	3,139.1	187.3	77.1	362.6	2,512.1	3,139.1	187.3	77.1	362.6	2,512.1	6.0	2.5
FY 1983	3,187.1	201.8	74.0	366.6	2,544.7	3,321.9	210.4	77.0	386.2	2,648.3	6.3	2.3
FY 1984	3,408.4	212.3	66.0	376.8	2,753.3	3,687.6	228.5	68.7	415.7	2,974.7	6.2	1.9
FY 1985	3,530.9	229.7	79.5	392.5	2,829.2	3,943.6	253.1	87.3	454.6	3,148.6	6.4	2.2
FY 1986	3,650.2	244.8	84.1	410.7	2,910.6	4,192.4	275.3	93.1	493.8	3,330.2	6.6	2.2
FY 1987	3,736.7	257.6	74.4	425.4	2,979.3	4,408.7	290.5	84.4	532.9	3,500.9	6.6	1.9
FY 1988	3,853.4	251.8	74.1	441.9	3,085.6	4,705.8	289.1	86.2	575.0	3,755.5	6.1	1.8
FY 1989	3,961.8	246.8	83.5	449.7	3,181.8	5,023.3	295.4	101.0	610.0	4,016.9	5.9	2.0

**DEPARTMENT OF DEFENSE MANPOWER**  
 (End-Strength, in Thousands)

Fiscal Year	ACTIVE DUTY MILITARY										CIVIL SERVICE						Defense Related				
	Full Time					Total Military					Army &			Navy incl. Marines			Air Force		Civil Service		Total Dod Manpower
	Army	Navy cl	Marine Corps	Air Force	Gd & Rescl	458	137	119	-	-	256	714	314	1,028	Total Employment in Industry	Total Defense Manpower					
1940	218	161	28	51	-	458	137	119	-	-	256	714	314	1,028							
1941	1,310	284	54	152	-	1,801	329	227	-	-	556	2,357	2,500	4,857							
1942	2,311	641	143	764	-	3,859	852	432	-	-	1,284	5,143	10,000	15,143							
1943	4,797	1,742	309	2,197	-	9,045	1,545	648	-	-	2,193	11,238	13,361	24,599							
1944	5,622	2,981	476	2,372	-	11,452	1,503	736	-	-	2,239	13,691	12,600	26,291							
1945	5,986	3,381	475	2,282	-	12,123	1,881	747	-	-	2,628	14,751	11,000	25,751							
1946	1,435	983	156	456	-	3,030	927	489	-	-	1,416	4,446	1,168	5,614							
1947	685	459	93	306	-	1,583	503	356	-	-	859	2,442	786	3,228							
1948	554	419	85	388	-	1,446	371	347	152	1	871	2,317	958	3,275							
1949	660	450	86	419	-	1,615	369	343	166	2	880	2,495	732	3,227							
1950	593	382	74	411	-	1,460	274	293	160	2	729	2,189	713	2,902							
1951	1,532	737	193	788	-	3,249	591	452	288	2	1,333	4,582	2,400	6,982							
1952	1,596	824	232	983	-	3,636	618	481	342	2	1,443	5,079	3,600	8,679							
1953	1,534	794	249	978	-	3,555	964	470	411	2	1,847	5,402	4,118	9,520							
1954	1,405	726	224	948	-	3,302	792	433	393	2	1,620	4,922	2,975	7,897							
1955	1,109	661	205	960	-	2,935	667	433	416	2	1,518	4,453	2,500	6,953							
1956	1,026	670	201	910	-	2,806	610	416	447	2	1,475	4,281	2,500	6,781							
1957	998	677	201	920	-	2,796	589	411	433	2	1,435	4,231	2,850	7,081							
1958	899	641	189	871	-	2,601	548	382	389	2	1,321	3,922	2,800	6,722							
1959	862	626	176	840	-	2,504	516	374	381	2	1,273	3,777	2,700	6,477							
1960	873	618	171	815	-	2,476	494	365	368	2	1,229	3,705	2,460	6,165							
1961	859	627	177	821	-	2,484	494	362	359	2	1,217	3,701	2,600	6,301							
1962	1,066	666	191	884	-	2,808	495	365	359	21	1,240	4,048	2,725	6,773							
1963	976	665	190	869	-	2,700	475	360	350	33	1,218	3,918	2,550	6,468							
1964	973	668	190	857	-	2,687	453	346	338	37	1,175	3,862	2,280	6,142							
1965	969	672	190	825	-	2,655	438	343	334	42	1,157	3,812	2,125	5,937							

Table 7-6 [Continued]  
**DEPARTMENT OF DEFENSE MANPOWER**  
(End-Strength, in Thousands)

Fiscal Year	ACTIVE DUTY MILITARY					CIVIL SERVICE b/					Defense Related Employment in Industry			Total Defense Manpower	
	Army	Navy c/	Marine Corps	Air Force	Total Military	Army a/	Navy incl. Marines	Air Force	Def Agcy & other	Total Civil Service	Manpower	Employment in Industry	Industry	Total Defense Manpower	
1966	1,200	745	262	887	-	3,094	472	366	349	67	1,254	4,348	2,640	6,988	
1967	1,442	751	285	897	-	3,377	541	417	366	75	1,399	4,776	3,100	7,876	
1968	1,570	765	307	905	-	3,548	542	433	357	74	1,406	4,954	3,174	8,128	
1969	1,512	776	310	862	1	3,460	532	438	349	72	1,391	4,851	2,916	7,767	
1970	1,322	692	260	791	1	3,066	481	488	327	68	1,364	4,430	2,399	6,829	
1971	1,123	623	212	755	1	2,714	453	361	312	63	1,189	3,903	2,031	5,934	
1972	811	588	198	726	1	2,323	446	353	300	60	1,159	3,482	1,985	5,467	
1973	801	564	196	691	1	2,253	405	334	288	72	1,099	3,352	1,850	5,202	
1974	783	546	189	644	1	2,162	408	336	290	76	1,110	3,272	1,860	5,132	
1975	784	535	196	613	1	2,128	401	326	278	73	1,078	3,206	1,800	5,006	
1976	779	524	192	585	2	2,083	390	321	262	73	1,046	3,129	1,690	4,819	
1977	782	530	192	570	4	2,077	371	318	256	77	1,022	3,099	1,730	4,829	
1978	771	530	191	569	5	2,067	371	317	251	77	1,016	3,083	1,765	4,848	
1979	758	522	185	559	8	2,032	359	310	245	77	991	3,023	1,860	4,883	
1980	777	527	188	558	23	2,073	359	308	244	80	991	3,064	1,990	5,054	
1981	781	529	191	570	30	2,101	372	321	246	80	1,019	3,120	2,085	5,205	
1982	780	542	192	583	33	2,130	378	319	248	83	1,028	3,158	2,310	5,468	
1983	780	558	194	592	39	2,163	391	339	251	83	1,064	3,227	2,530	5,757	
1984	780	565	196	597	46	2,184	403	342	253	87	1,085	3,269	2,785	6,054	
1985	781	571	198	602	55	2,207	420	353	264	89	1,126	3,333	3,050	6,383	
1986	781	581	199	608	64	2,233	413	342	263	94	1,112	3,345	3,275	6,620	
1987	781	587	200	607	69	2,243	418	353	264	98	1,133	3,376	3,325	6,701	
1988	772	593	197	576	71	2,210	400	348	265	99	1,112	3,322	3,250	6,572	
1989	772	593	197	576	72	2,210	400	340	264	99	1,102	3,312	3,200	6,512	

a/ Air Force civil service employment figures are not available separately prior to 1948. They are included in the Army figures for the earlier years.

b/ Civil service figures for 1953 and later years include foreign indirect hire employees.

c/ Navy reserve personnel on active duty for Training and Administration of Reserves (TARS) are included in the Full-Time Guard and Reserve.

**Table 7-7**  
**U.S. EMPLOYMENT AND LABOR FORCE**  
 (Thousands)

Fiscal Year	Military Active Duty	DoD Civil Service	Total DoD Man-power	Defense Related Industry Employ.			Other Federal Civil Service Employ.	Total Federal Employ.	Total Coast Guard Employ.	State & Local Gov'ts Employ.	Private Sector Employ.	Total Employ.	Total non-Defense Employ.	Unemployment	Total Labor Force	
				Total	DoD	Industry									Total Defense Employ.	
1940	458	256	714	314	1,028	805	1,061	14	1,533	3,217	4,750	42,340	47,090	46,062	8,800	55,890
1941	1,801	556	2,357	2,500	4,857	881	1,437	19	3,257	3,337	6,594	43,421	50,015	45,158	6,840	56,855
1942	3,859	1,284	5,143	10,000	15,143	1,013	2,297	59	6,215	3,310	9,525	45,245	54,770	39,627	4,110	58,880
1943	9,045	2,193	11,238	13,361	24,599	1,107	3,300	155	12,500	3,184	15,684	44,921	60,605	36,006	1,865	62,470
1944	11,452	2,239	13,691	12,600	26,291	1,103	3,342	169	14,963	3,092	18,055	46,375	64,430	38,139	870	65,300
1945	12,123	2,628	14,751	11,000	25,751	1,189	3,817	171	16,111	3,104	19,215	45,600	64,815	39,064	855	65,670
1946	3,030	1,416	4,446	1,168	5,614	1,281	2,697	26	5,753	3,305	9,058	52,422	61,480	55,866	1,655	63,135
1947	1,583	859	2,442	786	3,228	1,250	2,109	19	3,711	3,568	7,279	51,387	58,666	55,438	2,290	60,956
1948	1,446	871	2,317	958	3,275	1,200	2,071	20	3,537	3,776	7,313	52,411	59,724	56,449	2,408	62,132
1949	1,615	880	2,495	732	3,227	1,222	2,102	24	3,741	3,906	7,647	50,584	58,231	55,004	3,966	62,197
1950	1,460	729	2,189	713	2,902	1,232	1,961	23	3,444	4,078	7,522	52,475	59,997	57,096	3,551	63,548
1951	3,249	1,333	4,582	2,400	6,982	1,250	2,583	29	5,861	4,031	9,892	50,481	60,373	53,391	2,132	62,605
1952	3,636	1,443	5,079	3,600	8,679	1,157	2,600	35	6,271	4,134	10,405	50,583	60,988	52,309	2,032	63,020
1953	3,555	1,847	5,402	4,118	9,520	1,219	3,066	34	6,655	4,282	10,937	51,229	62,166	52,646	1,732	63,898
1954	3,302	1,620	4,922	2,975	7,897	1,192	2,812	29	6,143	4,552	10,695	49,802	60,497	52,600	3,681	64,178
1955	2,935	1,518	4,453	2,500	6,953	1,202	2,720	29	5,684	4,728	10,412	52,156	62,568	55,615	2,893	65,461
1956	2,806	1,475	4,281	2,500	6,781	1,214	2,689	28	5,523	5,064	10,587	54,120	64,707	57,926	3,179	67,886
1957	2,796	1,435	4,231	2,850	7,081	1,251	2,686	30	5,512	5,380	10,892	54,235	65,127	58,046	3,131	68,258
1958	2,601	1,321	3,922	2,800	6,722	1,278	2,599	30	5,230	5,630	10,860	52,792	63,652	56,930	5,223	68,875
1959	2,504	1,273	3,777	2,700	6,477	1,308	2,581	30	5,115	5,806	10,921	55,003	65,924	59,447	3,780	69,704
1960	2,476	1,229	3,705	2,460	6,165	1,348	2,577	31	5,084	6,073	11,157	56,131	67,288	61,123	4,172	71,460
1961	2,484	1,217	3,701	2,600	6,301	1,387	2,604	32	5,120	6,295	11,415	55,736	67,151	60,850	5,313	72,464
1962	2,808	1,240	4,048	2,725	6,773	1,445	2,685	32	5,525	6,533	12,058	55,794	67,852	61,079	4,219	72,071
1963	2,700	1,218	3,918	2,550	6,468	1,464	2,682	32	5,414	6,834	12,248	56,596	68,844	62,376	4,554	73,398
1964	2,687	1,175	3,862	2,280	6,142	1,466	2,641	32	5,360	7,236	12,596	57,852	70,448	64,306	4,453	74,901
1965	2,655	1,157	3,812	2,125	5,937	1,499	2,656	32	5,343	7,683	13,026	59,252	72,278	66,341	4,057	76,335

**Table 7-7 [Continued]**  
**U.S. EMPLOYMENT AND LABOR FORCE**  
 (Thousands)

Fiscal Year	Military Active Duty	DOD Civil Service	Total DOD Man-power	Defense Related Industry Employ.	Total Defense Employ.	Other Federal Civil Service	Federal Civilian Employ.	Federal Gd. Employ.	Total Federal Employ.	State & Local Gov'ts Employ.	Total US Public Employ.	Private Sector Employ.	Total Employ.	Total Non-Defense Employ.	Unemployment.	Total Labor Force
1966	3,094	1,254	4,348	2,640	6,988	1,570	2,824	35	5,953	8,259	14,212	59,825	74,037	67,049	3,592	77,629
1967	3,377	1,399	4,776	3,100	7,876	1,632	3,031	37	6,445	8,730	15,175	60,218	75,393	67,517	3,628	79,021
1968	3,548	1,406	4,954	3,174	8,128	1,700	3,106	37	6,691	9,141	15,832	61,441	77,273	69,145	3,615	80,888
1969	3,460	1,391	4,851	2,916	7,767	1,739	3,130	38	6,628	9,496	16,124	62,834	78,958	71,191	3,399	82,357
1970	3,066	1,364	4,430	2,399	6,829	1,660	3,024	37	6,127	9,869	15,996	63,386	79,382	72,553	4,669	84,051
1971	2,714	1,189	3,903	2,031	5,934	1,770	2,959	38	5,711	10,372	16,083	63,395	79,478	73,544	5,490	84,968
1972	2,323	1,159	3,482	1,985	5,467	1,762	2,921	35	5,279	10,896	16,175	66,454	82,629	77,162	5,426	88,055
1973	2,253	1,099	3,352	1,850	5,202	1,767	2,866	37	5,156	11,286	16,442	69,125	85,567	80,635	4,847	90,414
1974	2,162	1,110	3,272	1,132	1,823	2,933	37	5,132	11,713	16,845	70,322	87,167	82,035	5,380	92,547	
1975	2,128	1,078	3,206	1,800	5,006	1,858	2,936	37	5,101	12,114	17,213	68,229	85,444	80,438	5,569	94,013
1976	2,083	1,046	3,129	1,690	4,819	1,836	2,882	38	5,003	12,282	17,285	71,175	88,460	83,641	7,655	96,115
1977	2,077	1,022	3,099	1,730	4,829	1,818	2,840	38	4,955	12,704	17,659	73,588	91,247	86,418	6,437	97,684
1978	2,067	1,016	3,083	1,765	4,848	1,856	2,872	38	4,977	13,050	18,027	77,014	95,041	90,193	5,797	100,838
1979	2,032	991	3,023	1,860	4,883	1,885	2,876	39	4,947	13,359	18,306	79,270	97,576	92,693	5,798	103,374
1980	2,073	991	3,064	1,990	5,054	1,885	2,876	39	4,988	13,542	18,530	80,687	99,217	94,163	8,044	107,261
1981	2,101	1,019	3,120	2,085	5,205	1,841	2,860	40	5,001	13,274	18,275	83,622	101,897	96,692	8,013	109,910
1982	2,130	1,028	3,158	2,310	5,468	1,797	2,825	38	4,993	13,207	18,200	83,246	101,446	95,978	10,000	111,446
1983	2,163	1,064	3,227	2,530	5,757	1,812	2,876	40	5,079	13,220	18,299	83,329	101,628	95,871	11,256	112,884
1984	2,184	1,085	3,269	2,785	6,044	1,825	2,910	40	5,134	13,504	18,638	87,220	105,858	99,814	8,843	114,701
1985	2,207	1,126	3,333	3,050	6,383	1,895	3,021	38	5,266	13,827	19,093	89,256	108,349	101,966	8,340	116,689
1986	2,233	1,112	3,345	3,275	6,620	1,910	3,022	37	5,292	14,190	19,482	91,197	110,679	104,059	8,264	118,943
1987	2,243	1,133	3,376	3,325	6,701	1,955	3,088	39	5,370	14,451	19,821	93,594	113,415	106,714	7,670	121,085
1988	2,210	1,112	3,322	3,250	6,572	2,003	3,115	39	5,364	14,740	20,104	95,596	115,700	109,128	7,070	122,770
1989	2,210	1,102	3,312	3,200	6,512	1,998	3,100	40	5,350	15,030	20,380	97,220	117,600	111,088	6,970	124,570

**Table 7-8**  
**DEFENSE SHARES OF ECONOMIC AND BUDGETARY AGGREGATES**  
Percentages of Indicated Totals

Fiscal Year	% of Federal Budget DoD	% of Net Public Spending			DoD as a %			DoD as % of Labor Force			% of GNP Budget Basis			
		% of Federal State & Local Defense		DoD	Mil & Civ		Public Employment		DoD Total		DoD Including Industry		DoD	National Defense
		Federal	State & Local		Federal	Federal	Federal	Federal	Federal	Total	Industry			
1940	15.7	17.5	8.3	9.3	46.6	15.0	24.1	6.0	1.3	1.8	1.6	1.7		
1941	43.9	47.1	27.2	29.3	72.4	35.7	38.7	11.6	4.1	8.5	5.5	5.9		
1942	60.3	73.0	48.8	59.1	82.8	54.0	55.9	22.9	8.7	25.7	15.2	18.5		
1943	74.6	84.9	67.6	77.0	89.9	71.7	66.5	33.8	18.0	39.4	33.0	37.7		
1944	78.7	86.7	72.4	79.8	91.5	75.8	67.0	34.8	21.0	40.3	35.5	39.2		
1945	82.5	89.5	75.7	82.1	91.6	76.8	68.8	38.0	22.5	39.2	35.3	38.2		
1946	72.8	77.3	61.4	65.2	77.3	49.1	52.5	23.6	7.0	8.9	19.9	21.1		
1947	38.2	37.1	28.2	27.3	65.8	33.5	40.7	15.1	4.0	5.3	6.0	5.8		
1948	34.1	30.6	22.1	19.9	65.5	31.7	42.1	14.9	3.7	5.3	4.1	3.7		
1949	28.9	33.9	19.7	23.0	66.7	32.6	41.9	14.6	4.0	5.2	4.3	5.0		
1950	27.4	32.2	18.5	21.8	63.6	29.1	37.2	12.1	3.4	4.6	4.4	5.1		
1951	43.0	51.8	28.9	34.8	78.2	46.3	51.6	20.2	7.3	11.2	6.2	7.5		
1952	57.2	68.1	42.4	50.5	81.0	48.8	55.5	21.4	8.1	13.8	11.3	13.5		
1953	57.0	69.4	42.9	52.2	81.2	49.4	60.2	25.1	8.5	14.9	11.9	14.5		
1954	56.5	69.5	40.7	50.0	80.1	46.0	57.6	22.0	7.7	12.3	10.9	13.3		
1955	51.3	62.4	35.5	43.2	78.3	42.8	55.8	20.4	6.8	10.6	9.1	11.1		
1956	50.2	60.2	34.1	41.0	77.5	40.4	54.9	19.0	6.3	10.0	8.5	10.2		
1957	49.6	59.3	33.7	40.2	76.8	38.8	53.4	17.8	6.2	10.4	8.6	10.3		
1958	47.5	56.8	32.0	38.3	75.0	36.1	50.8	16.1	5.7	9.8	8.7	10.4		
1959	45.0	53.2	30.8	36.4	73.8	34.6	49.3	15.2	5.4	9.3	8.6	10.2		
1960	45.0	52.2	30.3	35.1	72.9	33.2	47.7	14.2	5.2	8.6	8.2	9.5		
1961	44.3	50.7	29.5	33.8	72.3	32.4	46.7	13.7	5.1	8.7	8.3	9.6		
1962	43.8	49.0	29.4	32.9	73.3	33.6	46.2	13.5	5.6	9.4	8.4	9.4		
1963	43.1	48.0	28.8	32.0	72.4	32.0	45.4	12.8	5.3	8.8	8.2	9.1		
1964	41.7	46.2	27.8	30.8	72.1	30.7	44.5	11.9	5.2	8.2	7.9	8.7		
1965	38.7	42.8	25.2	28.7	71.3	29.3	43.6	11.2	5.0	7.8	6.8	7.5		

Table 7-8 [Continued]  
**DEFENSE SHARES OF ECONOMIC AND BUDGETARY AGGREGATES**  
 Percentages of Indicated Totals

Fiscal Year	% of Federal Budget		% of Net Public Spending		DoD as a % of Public Employment		DoD as % of Labor Force Including Industry		% of GNP Budget Basis National Defense	
	DoD		Federal		Mil & Civ		DoD Total		DoD	
	National Defense	Federal	National Defense	Federal	Federal	State & Local	Federal	State & Local	Federal	DoD
1966	40.2	43.2	26.5	28.4	73.0	30.6	44.4	11.3	5.6	9.0
1967	42.7	45.4	28.6	30.3	74.1	31.5	46.2	11.9	6.0	10.0
1968	43.4	46.0	29.5	31.3	74.0	31.3	45.3	11.5	6.1	10.0
1969	42.4	44.9	27.8	29.4	73.2	30.1	44.4	11.0	5.9	9.4
1970	39.4	41.8	25.4	27.0	72.3	27.7	45.1	10.6	5.3	8.1
1971	35.4	37.5	22.4	23.7	68.3	24.3	40.2	8.9	4.6	7.0
1972	32.6	34.3	20.6	21.7	66.0	21.5	39.7	8.4	4.0	6.2
1973	29.8	31.2	19.0	19.9	65.0	20.4	38.3	7.7	3.7	5.8
1974	28.8	29.5	18.2	18.7	63.8	19.4	37.8	7.6	3.5	5.5
1975	25.5	26.0	16.5	16.9	62.9	18.6	36.7	7.1	3.4	5.3
1976	23.6	24.1	15.4	15.7	62.5	18.1	36.3	6.9	3.3	5.0
1977	23.4	23.8	15.5	15.8	62.5	17.5	36.0	6.6	3.2	5.0
1978	22.5	22.8	15.2	15.4	61.9	17.1	35.4	6.4	3.1	4.8
1979	22.8	23.1	15.4	15.6	61.1	16.5	34.5	6.1	2.9	4.7
1980	22.5	22.7	15.3	15.4	61.3	16.5	34.5	6.0	2.8	4.7
1981	23.0	23.2	15.8	15.9	62.4	17.1	35.6	6.3	2.8	4.7
1982	24.5	24.9	16.7	16.9	63.2	17.4	36.4	6.4	2.8	4.9
1983	25.4	26.0	17.3	17.7	63.5	17.6	37.0	6.6	2.9	5.1
1984	25.9	26.7	17.5	18.1	63.7	17.5	37.3	6.6	2.9	5.3
1985	25.9	26.7	17.6	18.1	63.3	17.5	37.3	6.7	2.9	5.5
1986	26.8	27.6	17.9	18.4	63.2	17.2	36.8	6.5	2.8	5.6
1987	27.3	28.1	17.8	18.4	62.9	17.0	36.7	6.5	2.8	5.5
1988	26.3	27.0	17.1	17.6	61.9	16.5	35.7	6.2	2.7	5.4
1989	26.1	26.9	16.7	17.2	61.9	16.3	35.5	6.1	2.7	5.2

