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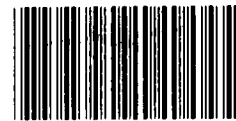
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Report To The Congress

OF THE UNITED STATES

Financial Status Of Major Federal Acquisitions September 30, 1980

Federal departments' and agencies' major acquisitions in process are estimated to cost \$777 billion at completion. Cost estimates are shown in this report for each of the 1,040 civil and military acquisitions currently in development, test, production, or construction phases.



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Inflation accounted for 45 percent of the cost growth in 131 projects where the agencies identified specific reasons for cost growth. Other reasons include increased quantities, additional engineering, and extended delivery dates.

This report discloses the financial status of each acquisition.

The information in this report was supplied by the agencies; however, its accuracy and completeness were not verified.



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COMPTROLLER GENERAL OF THE UNITED STATES
WASHINGTON, D.C. 20548

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To the President of the Senate and the
Speaker of the House of Representatives

This report concerns the financial status of major acquisitions of the U.S. Government, including acquisitions financed solely with Federal funds and those financed jointly with Federal, State, and other funds.

Departments and agencies responsible for major acquisitions gave us financial data on their projects and systems. The accuracy and completeness of the data in this report has not been verified.

Because of the numerous projects involved, we obtained explanations for cost growth only for those weapon systems included on selected acquisition reports of the Department of Defense and for other projects having cost increases of 100 percent or more. Inflation, engineering, and quantity changes were identified as the major causes of cost growth.

We are sending copies of this report to the Director, Office of Management and Budget; the Secretaries of the various departments; and the heads of independent agencies involved.

Milton J. Rowland

Acting Comptroller General
of the United States

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AGC000912*



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ABBREVIATIONS

DDT&E	design, development, test, and evaluation
NASA	National Aeronautics and Space Administration
OMB	Office of Management and Budget
RDT&E	research, development, test, and evaluation



FINANCIAL STATUS OF MAJOR FEDERAL ACQUISITIONS

SEPTEMBER 30, 1980

Major acquisitions are estimated to cost \$776.6 billion at completion--an increase of \$325.8 billion, or 72 percent, over baseline estimates. Totals for each agency are shown in appendix I which also provides an index to locate acquisitions of each agency identified in the report.

In June 1975 we issued our first combined military and civil major acquisitions report. That report included 585 projects which were estimated to cost \$404 billion at completion. Since that time, the number of agencies and projects included in the report has increased. Last year, ^{1/} we reported the estimated costs of 940 major acquisitions to be \$606.8 billion. The estimated costs of 1,040 major acquisitions included in this report is \$776.6 billion, an increase of \$169.8 billion over those listed last year.

Information in this report was supplied by the departments and agencies as we requested. However, we did not validate the data for accuracy or completeness.

This report does not compare cost increases of the Department of Defense agencies with those of civil agencies. Overall comparisons could be misleading for many reasons, including different complexities of projects, varying periods involved, different methods of handling inflation, and a variety of means of establishing baselines. The report fulfills our primary objective of disclosing the financial status of major Federal acquisitions.

Estimated costs for Defense projects increased \$111.7 billion over last year. The largest increases are attributable to the Air Force projects which experienced an increase of \$51.2 billion, followed by a Navy increase of \$44.7 billion and an Army increase of \$15.7 billion. Some of the more significant items contributing to the cost increase were addition of new programs, such as the Air Force's M-X missile at \$53.7 billion; and Navy ships, submarines, aircraft, and electronics at \$24.6 billion. However, there were major reductions of \$5.1 billion to the Air Force's electronics programs and \$2.1 billion to the Navy's mine programs.

Estimated costs for civil agencies' projects increased \$58.1 billion over last year. Significant increases in cost estimates were reported in such civil agencies as:

--The Tennessee Valley Authority. (See p. 76.)

^{1/}"Financial Status of Major Federal Acquisitions September 30, 1979" (PSAD-80-25, Feb. 12, 1980).

--The Army Corps of Engineers, where increases reflect a one-time adjustment to include inflation in project cost as now required by the Office of Management and Budget (OMB). The Corps also established a new baseline of September 30, 1979, incorporating the required OMB changes. (See p. 29.)

--The Department of Energy. Energy changed dates and estimates for a significant number of its projects because implementing OMB A-109 guidelines required establishing proper documentation for these projects. (See p. 20.)

Acquisitions included in this report are past the planning stage and are in the development, test, production, or construction phases. Completed projects are not included. Cost estimates given are current as of September 30, 1980.

Defense defined major programs as those with an estimated research, development, test, and evaluation (RDT&E) cost exceeding \$75 million or an estimated production cost exceeding \$300 million. Defense weapon system acquisitions listed in this report conform to this definition.

Civil agency definitions of major acquisitions vary in each agency. Lacking a uniform definition and since civil agencies' major systems usually cost considerably less than those of Defense, we used a uniform threshold of \$25 million to identify civil agencies' major acquisitions. The \$25 million threshold was also used for military construction projects and Defense computer acquisitions since they generally cost less than weapon systems.

The cost estimate of each system or project is shown in appendix II.

For Defense weapon systems and National Aeronautics and Space Administration (NASA) projects, the original cost estimate is used for planning purposes. The baseline estimate is the development estimate. When the departments and agencies provided revised baseline figures as a result of more realistic definitions of scope, the new baseline estimates were used for comparative purposes.

ANALYSIS OF SELECTED SYSTEMS

Civil agencies and departments provided cost growth analyses for acquisitions having 100 percent or more increases. Defense provided cost growth breakdowns for only the weapon systems included in selected acquisition reports. The agencies attribute increases to:

- (1) Quantity--changes including scope.
- (2) Engineering--changes altering a system's established physical or functional characteristics.

- (3) Support--changes involving spare parts, ancillary equipment, warranty provisions, and Government-furnished property or equipment.
- (4) Schedule--changes in delivery schedule, completion date, or some intermediate milestone of development, production, or construction.
- (5) Economic--changes that are influenced by one or more factors in the economy, such as inflation.
- (6) Estimating--corrections or other changes occurring since the initial or other baseline estimates for program or project costs.
- (7) Sundry--changes other than the above categories, such as environmental costs and relocation assistance for water and highway projects.

An analysis of 77 civil acquisitions having a 100-percent or greater cost growth is shown in appendix III. Economic changes, primarily inflation, account for 54 percent of the total cost growth on the civil acquisitions and are the principal causes of increased project costs. The following chart summarizes the analysis of civil acquisitions and also shows the cost growth data for Defense systems on the September 30, 1980, selected acquisition reports.

	Type of change							No. of projects		
	Quan- tity	Engi- neer- ing	Sup- port	Sched- ule	Eco- nomic	Esti- mating	Sun- dry	Total	100% or more growth	Total
------(billions)-----										
<u>Civil agencies</u>										
Appalachian Regional Commission	\$ 1.6	\$ 1.9	\$ -	\$ -	\$ 5.7	\$ -	\$ -	\$ 9.2	1	1
Department of the Interior	0.5	0.5	-	-	6.2	0.9	0.2	8.3	29	90
Department of Transportation	9.8	29.7	0.2	0.2	56.8	1.7	4.4	102.8	12	93
Tennessee Valley Authority	1.3	2.2	-	3.9	12.2	3.3	2.6	25.5	10	14
Washington Metropolitan Area Transit Authority	1.1	0.5	0.1	2.0	1.2	0.7	0.1	5.7	1	2
Other	0.5	0.1	-	-	0.4	0.3	-	1.3	24	654
Total	\$14.8	\$34.9	\$0.3	\$6.1	\$82.5	\$ 6.9	\$7.3	\$152.8	77	854
<u>Department of Defense</u>										
Programs on selected acquisition reports:									<u>On SAR</u>	
Air Force	\$ 5.7	\$ 1.8	\$ 2.7	\$ 8.0	\$ 11.3	\$.1	\$ 1.1	\$ 30.7	14	38
Army	3.9	0.9	1.7	3.6	11.7	6.6	0.2	28.6	17	50
Navy	24.8	3.6	4.5	8.8	22.1	7.9	1.2	72.9	23	96
Other	-	-	-	-	-	-	-	-	-	2
Total	\$34.4	\$6.3	\$8.9	\$20.4	\$45.1	\$14.6	\$2.5	\$132.2	54	186

Cost data, extracted from Defense's selected acquisition reports on weapon systems, are shown in appendixes IV, V, and VI. These reports are provided quarterly to congressional committees and others to show current cost, schedule, and performance information. Appendix IV shows details on the annual cost changes. Appendix V shows the cost data on the September 30, 1980, selected acquisition reports, and is summarized in the preceding chart. Economic changes account for 34 percent of the total cost growth followed by quantity changes of 26 percent. Appendix VI shows program quantities and unit cost estimates at planning/development and as of September 30, 1980.

A summary of major acquisitions, aged in 10-year increments from their original date and their estimated costs, is shown in appendix VII.

Appendix VIII lists many of our reports pertinent to selected major acquisitions issued during fiscal years 1975-80. If more than one report was issued about a major acquisition, only the most recent one is shown.

FINANCIAL STATUS OF MAJOR FEDERAL ACQUISITIONS
SUMMARY BY AGENCY
AT SEPTEMBER 30, 1968
(DOLLARS IN MILLIONS)

AGENCY	REFERENCE PAGE OF APP. I	NUMBER OF PROJECTS	ORIGINAL ESTIMATE	BASELINE ESTIMATE	CURRENT ESTIMATE	INCREASE OVER BASELINE ESTIMATE
APPALACHIAN REGIONAL COMMISSION	6	1	1,150.0	1,150.0	10,346.2	9,196.2
ARCHITECT OF THE CAPITOL	6	4	168.5	235.7	324.5	115.9
CORPORATION FOR PUBLIC BROADCASTING	6	1	57.7	57.7	60.7	3.0
DEPARTMENT OF COMMERCE: MARITIME ADMINISTRATION	6	10	1,170.8	1,170.8	1,091.7	79.1-
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	7	5	625.1	625.7	737.5	110.9
DEPARTMENT OF DEFENSE: DEFENSE LOGISTICS AGENCY	8	1	69.9	69.9	69.1	.8-
DEPARTMENT OF THE AIR FORCE	8	30	95,419.9	114,299.7	128,671.5	14,371.9
DEPARTMENT OF THE ARMY	11	50	30,665.8	43,592.0	75,001.7	31,409.7
DEPARTMENT OF THE NAVY	14	95	106,164.2	128,015.5	252,203.9	104,197.3
OTHER DOD PROGRAMS	20	1	137.0	137.0	137.0	
DEPARTMENT OF ENERGY	20	83	16,886.6	22,045.5	22,547.5	500.9
DEPARTMENT OF HEALTH AND HUMAN SERVICES: NATIONAL INSTITUTES OF HEALTH	28	2	114.2	177.7	179.4	1.7
SOCIAL SECURITY ADMINISTRATION	28	1	34.3	34.3	56.6	22.3
DEPARTMENT OF JUSTICE: FEDERAL BUREAU OF INVESTIGATION	29	1	55.4	35.4	55.4	
IMMIGRATION & NATURALIZATION SERVICE	24	1	13.0	59.5	59.5	
DEPARTMENT OF STATE	24	3	219.3	213.3	248.6	29.3
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS	29	170	8,450.4	30,457.5	41,642.2	11,184.7
DEPARTMENT OF THE INTERIOR: INDIAN HEALTH SERVICE	40	1	33.0	33.4	32.8	-.6
NATIONAL PARK SERVICE	40	35	1,942.5	2,085.5	2,623.0	537.5
WATER & POWER RESOURCES SERVICE	42	54	6,276.3	7,059.9	16,222.8	9,162.9
DEPARTMENT OF THE TREASURY: INTERNAL REVENUE SERVICE	44	1	210.0	210.0	217.6	7.6
DEPARTMENT OF TRANSPORTATION: FEDERAL AVIATION ADMINISTRATION	47	19	1,885.6	2,123.5	2,854.7	711.4
FEDERAL HIGHWAY ADMINISTRATION	48	5	38,152.0	39,152.0	138,671.0	100,519.0
FEDERAL RAILROAD ADMINISTRATION	49	1	1,900.0	1,900.0	2,572.0	672.0
U.S. COAST GUARD	49	9	902.7	902.7	2,145.2	1,242.5
URBAN MASS TRANSPORTATION ADMINISTRATION	49	59	9,162.4	9,694.7	11,113.6	1,423.9
DISTRICT OF COLUMBIA GOVERNMENT	55	6	355.5	378.2	365.4	57.2
ENVIRONMENTAL PROTECTION AGENCY	35	300	20,884.2	22,181.7	24,942.7	2,751.0
GENERAL SERVICES ADMINISTRATION	73	12	688.8	754.1	740.6	15.5-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	74	15	7,931.8	8,032.7	13,741.4	5,708.7
NATIONAL RAILROAD PASSENGER CORPORATION	75	5	888.4	993.3	1,064.1	70.9
NATIONAL SCIENCE FOUNDATION	76	1	76.0	76.0	79.2	2.2
PENNSYLVANIA AVENUE DEVELOPMENT CORPORATION	76	1	223.0	223.0	223.0	
SMITHSONIAN INSTITUTION	76	1	21.5	21.5	25.5	5.0
TENNESSEE VALLEY AUTHORITY	74	14	9,247.9	9,835.9	35,373.8	25,537.9
VETERANS ADMINISTRATION	77	27	1,094.3	1,243.1	1,911.7	659.5
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	79	2	2,559.6	2,559.6	8,199.9	5,640.3
TOTAL		1,040	365,839.9	450,774.0	776,547.0	325,775.0

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
	APPALACHIAN REGIONAL COMMISSION:										
APPALACHIAN DEVELOPMENT HIGHWAY (APP. III, P. 82)	1965	1,150.0	1965	1,150.0	3,212.2	10,348.2	9,198.2	800	2,108.3	26	
ARCHITECT OF THE CAPITOL:											
ALTERATION HOUSE OFFICE BUILDING ANNEX NO. 2	02/75	15.0	02/73	15.0		25.5	10.5	70			01
HART SENATE OFFICE BUILDING	10/72	47.9	12/74	85.1		137.7	52.5	52			
LIBRARY OF CONGRESS, JAMES MADISON BUILDING	10/65	75.0	03/58	75.0		130.7	55.7	74			
MODIFICATIONS AND ENLARGEMENT, CAPITOL POWER PLANT	07/73	30.6	07/73	30.6		30.6					
AGENCY TOTAL		168.5		205.7		324.5	118.9				
CORPORATION FOR PUBLIC BROADCASTING:											
SATELLITE DISTRIBUTION SYSTEM FOR PBS & NPR	09/79	57.7	09/79	57.7	10.7	60.7	3.0	5	3.0	5	
DEPARTMENT OF COMMERCE:											
MARITIME ADMINISTRATION:											
CONSTRUCTION DIFFERENTIAL SUBSIDY:											
AMERICAN ATLANTIC SHIPPING BREAKBULK VESSELS	05/77	28.7	05/77	28.7	14.7	28.7					
AMERICAN PRESIDENT LINES CONTAINER VESSELS (NA/MSB-452)	03/79	273.0	03/79	273.0	135.7	273.0					

FARBELL LINES CONTAINER SHIPS (MA/MSB-368)	06/76	155.7	06/76	155.7	78.9	155.7	155.7	79.1-	39-	79.1-	39-
LEVINGSTON FALCON SHIPPING CO DRY BULK CARRIERS (MA/MSB-427)	10/78	200.3	10/78	200.3	50.6	200.3	121.2	79.1-	39-	79.1-	39-
SUWANNEE RIVER INTEGRATED TUG/BARGE CHEMICAL/OIL VESSEL (MA/MSB-433)	10/78	54.7	10/78	54.7	27.6	54.7	54.7				
SUWANNEE RIVER INTEGRATED TUG/BARGE CHEMICAL/OIL VESSEL (MA/MSB-430)	10/78	54.7	10/78	54.7	27.6	54.7	54.7				
SUWANNEE RIVER INTEGRATED TUG/BARGE CHEMICAL/OIL VESSEL (MA/MSB-435)	10/78	54.7	10/78	54.7	27.6	54.7	54.7				
WATERMAN STEAMSHIP CORP LASH/CONTAINER CARGO VESSELS (MA/MSB-409)	11/77	140.1	11/77	140.1	73.8	140.1	140.1				
WATERMAN STEAMSHIP CORP RO/RO CONTAINER VESSEL (MA/MSB-446)	11/78	137.4	11/78	137.4	59.5	137.4	137.4				
WATERMAN STEAMSHIP CORP RO/RO CONTAINER VESSEL (MA/MSB-455)	06/79	70.5	06/79	70.5	35.3	70.5	70.5				
SUB TOTAL		1,173.8		1,170.8	552.3	1,091.7	1,091.7	79.1-		79.1-	
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION:											
AUTOMATION OF FIELD OPERATIONS AND SERVICES	06/73	43.8	09/74	45.4		52.0	52.0	5.5	15	5.5	12
GEOSTATIONARY OPERATIONAL ENVIRONMENTAL SATELLITE - D, E AND F	09/74	52.5	09/74	52.5		108.7	108.7	45.2	74	5.3	5
NEXT GENERATION WEATHER RADAR	09/80	320.0	09/80	320.0		320.0	320.0	45.5	34	3.9	2
NOAA A THROUGH G (TIROS - N)	09/74	133.8	09/74	133.8		77.5	179.3	12.5	19	15.7	
SAND POINT FACILITY	07/75	55.0	07/75	55.0		626.7	737.5	110.8		53.4-	
SUB TOTAL		625.1		626.7		1,825.2	1,825.2	31.7			
AGENCY TOTAL		1,795.9		1,797.5	552.3	1,825.2	1,825.2	31.7			

01.02

ESTIMATED COST DATA COMPARISON
 FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
 AT SEPTEMBER 30, 1980
 (DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
DEPARTMENT OF DEFENSE:											
DEFENSE LOGISTICS AGENCY:											
DATA PROCESSING AND TELECOMMUNICATIONS:											
ADPE REPLACEMENT	09/79	69.9	09/79	69.9		69.1	.8-	1-	.9-	1-	
DEPARTMENT OF THE AIR FORCE:											
CONSTRUCTION:											
ARNOLD ENG DEV CENTER, TN, AERO PROP SYS TEST FACIL	01/76	437.0	09/75	437.0		437.0					
KEESLER AFB, MS, COMPOSITE MEDICAL FACILITY	10/74	43.1	10/75	43.1		45.3	2.2	5			
LACKLAND AFB, TX, COMPOSITE MEDICAL FACILITY	10/74	97.6	10/75	97.6		94.8	2.8-	3-			
VANDENBERG AFB, CA, M-X TEST FACIL, PHASE I, FY80	11/79	57.0	09/80	39.2		39.2					01
VANDENBERG AFB, CA, STS LAUNCH COMPLEX	09/79	104.7	09/79	118.2		200.6	82.4	70	82.4	70	
VANDENBERG AFB, CA, STS-ORBITER PROCESS FACIL, FY80	11/79	43.0	09/80	46.5		46.5					01
WRIGHT-PATTERSON AFB, OH, AIR POLLUTION ABATEMENT	09/75	32.8	09/75	32.8		33.8	1.0	3			
DATA PROCESSING AND TELECOMMUNICATIONS:											
AF WEATHER SYSTEM SUPPORT (ADPS-15)	09/80	37.4	09/80	37.4		37.4					01

0

BASE LEVEL DATA AUTOMATION (ADPS-59)	09/79	240.9	09/79	240.9	192.1	48.8-	20-	48.8-	20-	
CMD CEN PROG/DISPLAY SYS (ADPS-VP)	09/80	25.3	09/80	25.3	25.3					01
DEFENSE SUPPORT PROGRAM (ADPS-79)	09/80	74.0	09/80	74.0	74.0					01
FAA/JSS (ADPS-W9)	09/79	104.4	09/79	56.0	66.0			38.4-	37-	
IDMS (ADPS-90)	09/79	66.7	09/79	56.7	37.9	28.8-	43-	28.8-	43-	
MMCCS (ADPS-80)	09/80	88.3	09/80	88.3	88.3					01
SYSTEMS:										
A-10 AIRCRAFT (APP. V, P. 92)	04/70	1,025.5	01/73	2,489.7	5,036.8	3,547.1	142	1,224.9	25	03
ADVANCED AIRBORNE COMMAND POST (E-4) (APP. V, P. 92)	01/73	467.8	09/73	484.3	1,233.2	748.9	155	757.8	159	03
AIRBORNE WARNING AND CONTROL SYSTEM (E-3A) (APP. V, P. 92)	11/68	2,656.7	06/71	2,661.6	4,357.5	1,695.9	54	210.3	5	
ALCM MISSILE (APP. V, P. 92)	03/75	420.1	01/78	4,184.0	5,329.6	1,145.5	27	870.7	20	
AMRAAM COUNTERAIR MISSILE (ROT&E ONLY)	01/79	2,678.2	01/79	2,678.2	469.0	2,209.2-	82-			01,04
B-1 AIRCRAFT	03/69	8,954.5	06/70	11,218.8	4,275.0	5,943.8-	52-	23.5-	1-	
C-5A WING MODIFICATION	04/75	896.3	04/75	896.3	1,540.2	543.9	72			01
DEF SATELLITE COMM SYS (DSCS III-SPACE SGMT) (APP. V, P. 92)	11/76	893.6	11/75	893.6	1,103.9	210.3	24	236.8	30	
EF-111A AIRCRAFT (APP. V, P. 92)	05/75	631.9	05/75	631.9	1,358.2	726.3	115	195.6	17	
F-15 AIRCRAFT (APP. V, P. 92)	03/69	5,039.1	01/70	7,355.2	14,200.7	5,843.3	93	897.7	7	
F-16 AIRCRAFT (APP. V, P. 92)	01/76	6,054.5	01/75	5,054.5	18,712.1	12,657.5	209	3,551.3	24	
GROUND LAUNCHED CRUISE MIS- SILE (GLCM) (APP. V, P. 92)	01/78	1,527.2	01/78	1,527.2	2,123.6	595.4	39	420.0	25	03

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
DEPARTMENT OF DEFENSE: (CONT.)											
DEPARTMENT OF THE AIR FORCE: (CONT.)											
SYSTEMS: (CONT.)											
HARM (AGM-88) (APP. V, P. 92)	07/78	1,052.0	07/78	1,052.0		1,863.2	811.2	77	593.2	47	04
IIR MAVERICK (AGM-65D) (APP. V, P. 92)	09/76	1,592.9	09/76	1,592.9		2,532.5	939.6	59	674.4	36	
JTIDS	09/77	225.6	04/79	476.3		651.9	175.5	37	1,809.1-	74-	04
KC-10A ADVANCED TANKER CARGO AIRCRAFT	11/75	2,901.2	09/77	5,865.5		1,466.4	4,399.1-	75-	437.9	43	
LOW ALTITUDE AIRFIELD ATTACK SYSTEM	09/77	85.8	01/79	661.3		265.3	395.3-	50-	2,858.9-	92-	
M-X MISSILE SYSTEM	09/80	53,743.0	09/80	53,743.0		53,743.0					01
NAVSTAR GLOBAL POSITIONING SYSTEM	12/73	131.9	06/79	5,784.7		2,437.1	3,347.6-	58-	3,347.6-	58-	05
NIGHT ATTACK PROGRAM (LANTIRN)	09/80	741.9	09/80	741.9		741.9					01
POSITIONING & LOCATING STRIKE SYS (APP. V, P. 92)	06/75	550.9	09/77	954.5		642.9	311.6-	33-	374.5	140	
SIDEWINDER AIM-9L MISSILE (APP. V, P. 92)	06/71	133.7	06/71	133.7		563.5	429.8	321	57.8	11	03,04
SPARROW AIM-7F MISSILE (APP. V, P. 92)	01/67	11.7	03/69	254.1		937.8	683.7	259	47.9	5	04
TR-1	09/77	551.5	09/77	551.5		568.0	115.5	21	84.1	14	
SUP TOTAL		95,419.9		114,299.7		128,671.5	14,371.8		2,582.2		

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APPENDIX II

APPENDIX II

DEPARTMENT OF THE ARMY:

CONSTRUCTION:

FORT CAMPBELL, KY, HOSPITAL (PN236)	02/76	58.2	02/75	58.2	46.5	11.7-	20-	2.9	6
FORT HOOD, TX, ADD'N, JAR-VALL ARMY HOSPITAL (PN 324)	02/78	47.7	02/78	47.7	46.2	1.5-	3-	1.2-	3-
FORT KNOX, KY, HOSPITAL ADDITION/ALTERATION (PN228)	10/74	42.3	10/74	42.3	37.9	4.4-	10-	2.5	7
FORT LEONARD WOOD, MO, EM BARRACKS COMPLEX (PN151)	11/72	32.2	02/75	41.3	45.4	4.1	19		
FORT POLK, LA, EM BARRACKS COMPLEX (PN112)	02/75	33.8	02/75	33.8	29.8	4.0-	12-		
FORT POLK, LA, EM BARRACKS COMPLEX (PN124)	07/74	38.1	07/74	38.1	30.7	7.4-	19-		
FORT POLK, LA, HOSPITAL (PN 108)	02/77	44.3	02/77	44.3	44.2	.1-		.9-	2-
FORT STEWART, GA, HOSPITAL (PN61)	02/78	39.3	02/78	39.3	43.8	4.3	11		
GERMANY, AMMO STORAGE (PN311)	02/77	75.8	02/77	75.8	93.1	17.3	23	8.7-	9-
GERMANY, HOSP ADJ'N/ALTER, LANDSTUHL (PN 188)	02/78	30.3	02/78	30.3	38.8	9.5	28		
GERMANY, IMPROVE AMMO STORAGE (PN317-100)	02/76	38.6	02/75	38.6	56.7	18.1	47	1.5	3
GERMANY, MODIFICATION OF STORAGE SITES (PN185)	10/74	34.0	10/74	34.0	49.9	15.9	47	1.3	3
GERMANY, POMCUS STORAGE & MAINT FAC (PN542)	02/78	56.9	02/78	56.9	72.9	15.0	28		
GERMANY, TOT FORCE, AMMO STORAGE (PN 310)	02/78	33.0	02/78	33.0	32.9	.1-		2.7	9
HIGH ENERGY LASER SYSTEM TEST FACILITY, WHITE SANDS, NM (PN275)	02/77	33.4	02/77	33.4	43.8	10.4	31		
HOLSTON AAP, TN, IND WASTE TRT, PH2-UPC (PN27)	02/78	29.0	02/78	29.0	28.5	.4-	1-		

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1990
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
DEPARTMENT OF DEFENSE: (CONT.)											
DEPARTMENT OF THE ARMY: (CONT.)											
CONSTRUCTION: (CONT.)											
WALTER REED ARMY MEDICAL CENTER, DC. HOSPITAL (PN87)	02/71	112.5	10/75	134.7		148.0	13.3	10	3.0	2	
DATA PROCESSING AND TELECOMMUNICATIONS:											
DECENTRALIZED AUTOMATED SUPPORT SYSTEM	09/79	449.8	09/79	449.8		449.8					01
DIV LEVEL DATA ENTRY DEVICE	09/79	237.0	09/79	237.0		237.0					01
VERTICAL INSTALLATION AUTOMATION BASELINE	09/79	158.6	09/79	158.6		158.6					01
SYSTEMS:											
AH-64 ATTACK HELICOPTER (APP. V. P. 92)	05/73	1,800.2	12/75	3,758.1		5,856.3	2,099.2	56	711.4	18	
AHIP HELICOPTER IMPROVEMENT PROG (RDT&E ONLY)	07/80	1,527.0	07/80	1,527.0		143.0	1,384.0-	91-			01
AN/TPQ-37 ARTILLERY LOCATING RADAR SET	08/74	226.4	10/75	438.1		480.5	42.4	10	84.9	21	
AN/TTC-39 COMMUNICATIONS (TRI-TAC) (APP. V. P. 92)	07/74	801.1	07/74	801.1		911.0	109.9	14	55.5-	6-	03,05
BLACKHAWK UH-60A UTTAS HELICOPTER (APP. V. P. 93)	06/71	2,307.3	06/71	2,307.3		5,987.5	3,680.2	157	2,324.2	63	
CH-47 HELICOPTER MODERNIZATION (APP. V. P. 93)	12/75	1,344.2	01/77	1,552.8		2,377.8	815.0	52	515.3	28	
CHAPARRAL MISSILE	01/66	95.4	01/66	95.4		1,031.1	935.7	981	452.1	78	

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1960
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	DATE	AMOUNT	CURRENT ESTIMATE		TOTAL	DECREASE (-) OR INCREASE OR	YEARLY CHANGE	NOTES
			NON-FEDERAL SHARE	AMOUNT				
DEPARTMENT OF DEFENSE: (CONT.)								
DEPARTMENT OF THE ARMY: (CONT.)								
SYSTEMS: (CONT.)								
TACTICAL FIRE DIRECTION SYSTEM (APP. V & P. 93)	11/67	123.6	12/57	150.5	333.4	172.9	138	152.2- 31-
TOW-INP-TOW & TOW-2 MISSILE	01/66	410.4	09/65	727.3	2,058.3	1,0331.0	193	633.1 48
VAPER ANTI-TANK WEAPON	06/75	288.8	09/73	284.8	503.5	219.7	77	
SUB TOTAL								
DEPARTMENT OF THE NAVY:								
CONSTRUCTION:								
ANNAPOLIS NAVAL ACADEMY, ENGR STUDIES, PHASE 1-3	02/70	27.7	02/70	27.7	30.4	2.7	10	0.1-
BANGOR, WA, TRIDENT SUPT, DRYDOCK PHASE 1 & 2	11/76	79.5	07/77	76.5	55.8	10.7-	14-	4.9- 7-
BANGOR, WA, TRIDENT SUPT, TRNG FACIL INCREMENTS 1 & 2	06/73	30.1	06/73	30.1	35.5	5.4	18	0.2 1
BANGOR, WA, TRIDENT SUPT, UTIL & IMPROVE INCREMENT 1	06/73	30.3	06/73	30.3	25.6	4.7-	15-	
BANGOR, WA, TRIDENT SUPT, UTIL & IMPROVE INCREMENT 2	04/74	42.9	04/74	42.9	35.1	7.9-	19-	0.4- 1-
BANGOR, WA, TRIDENT SUPT, UTIL & IMPROVE INCREMENT 3	05/75	37.1	06/75	37.1	36.6	.5-	1-	0.6- 0-
BEHESDA, MD, NATL NAVAL MED CTR, MODERNIZATION	02/75	100.0	02/75	100.0	113.3	13.3	14	2.3 2

BETHESDA, MD, UNIFORMED SERVICES UNIV OF HEALTH SCIENCES	02/75	54.9	02/75	54.9	53.5	1.4-	2-	2.5	4	
BREMERTON, WA, NAVY REGL MED CTR, HOSP	10/79	30.0	10/79	31.0	30.1	.1				01
BREMERTON, WA, PUGET SOUND NAVAL SHIPYARD, WATER PLANT	09/80	32.0	09/80	32.0	32.0					01
CAMP LEJEUNE, NC, NAVY REGL MED CTR HOSP	10/77	51.5	10/77	49.0	47.5	1.5-	3-	.9	2	
DIEGO GARCIA, INDIAN OCEAN NAVY SUPT FACIL UPGRADE	09/80	90.2	09/80	90.2	90.2					01
PATRICK AFB, FL, EAST TEST RANGE, WARP & DREDGING	06/73	31.3	06/73	31.1	30.1	1.0-	3-	.2-	1-	
SAN DIEGO NAVY REGL MED CTR	09/80	293.7	09/80	297.2	297.2					01
DATA PROCESSING AND TELECOMMUNICATIONS:										
AUTOMATED ENVIRONMENTAL PREDICTION SYSTEM (AEPS) (N30)	09/80	28.0	09/80	28.0	28.0					01
INTEG AUTOMATED INTEL-LIGENCE PROCESSING SYS (IAIPS) (H20)	09/80	92.0	09/80	92.0	92.0					01
INTEGRATED DISBURSING AND ACCOUNTING	03/76	40.1	09/79	44.3	48.1	3.8	9	6.4	15	
INVENTORY CONTROL POINTS	09/80	102.2	09/80	102.2	102.2					
MARINE CORPS ADPE REPL FOR REGL AUTOMATED SERVICE CTRS	09/79	29.7	09/79	29.7	29.7					
NAVAL AVIATION LOGISTICS COMMAND MIS	09/80	225.2	09/80	225.2	225.2					
PERS/PAY ADMIN SUPT SOURCE DATA SYS (PASS/SDS) (P35)	05/77	44.3	05/77	44.3	44.3					01
PERS/PAY ADPE ACQUISITION PROJECT (PERSPAY) (F31)	09/80	71.2	09/80	71.2	71.2					01
SHIPBOARD NON-TACTICAL ADP PROG I (SNAP-I)	09/80	93.1	09/80	93.1	93.1					01
SHIPBOARD NON-TACTICAL ADP PROG II (SNAP-II)	09/80	43.7	09/80	43.7	43.7					01

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1980
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AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
DEPARTMENT OF DEFENSE: (CONT.)											
DEPARTMENT OF THE NAVY: (CONT.)											
DATA PROCESSING AND TELECOMMUNICATIONS: (CONT.)											
STOCKPOINT INTEG LOGISTICS ENVIRON (SPLICE)	09/80	35.7	09/80	35.7		35.7					01
STOCKPOINTS MIS	09/79	32.8	09/79	32.8		32.8					
SYSTEMS:											
A-6E (INTRUDER) AIRCRAFT	1970	574.6	1970	574.6		1,617.3	1,042.7	181	48.4-	3-	
A-7E (CORSAIR II) AIRCRAFT	05/68	1,465.6	05/68	1,465.6		2,560.2	1,094.6	75	49.2	2	
AALC AIR CUSHIONED VEHICLE (POT&E ONLY)	06/71	163.7	06/71	163.7		159.6	4.1-	3-	4.6-	3-	
AD-41 CLASS. DESTROYER TENDER	09/73	90.6	09/73	90.6		1,038.7	948.1	1,046	6.8-	1-	
ADVANCED ASW TORPEDO	09/80	4,032.8	09/80	4,032.8		4,711.0	678.2	17	678.2	17	
ADVANCED SIGNAL PROCESSOR	10/72	388.3	03/78	333.1		701.2	369.1	111	237.2	51	
AEGIS (POT&E ONLY)	04/68	388.0	01/79	427.6		634.7	207.1	49	4.1	1	
AN/ALQ ADVANCED AIRBORNE PROTECTION SYSTEM (ATAPS)	07/78	1,601.2	07/78	1,601.2		3,282.3	1,681.1	105	1,942.6	145	04
AN/BQQ-5 SONAR	09/70	429.6	09/79	429.6		1,836.0	1,405.4	327	154.0	10	
AN/BQQ-8 (ISPE) SONAR	06/78	491.2	09/79	493.6		496.4	2.8	1	2.8	1	
AN/SQS-53 IMPROVEMENT	03/80	356.6	03/80	356.6		352.6	4.0-	1-			01
AN/SSQ-53A DIFAR SONOBUOY	07/66	86.3	04/68	262.3		506.5	244.2	93	19.3	4	
AN/ULQ-4(V)	12/76	372.5	12/76	372.5		654.2	281.7	76	165.1	34	

AO-R RESUPPLY SHIP	09/80	397.0	09/80	397.0	397.0						01
AO-T FLEET OILER	09/76	637.5	09/79	637.5	2,222.1	1,564.5	249	1,475.9	198		
AO-177 CLASS FLEET OILER	09/73	738.0	09/73	738.0	544.5	53.5-	3-	1.3-			
AR-S REPAIR & SALVAGE SHIP	09/79	121.6	09/80	434.4	434.4						01
AS-39 CLASS SUBMARINE TENDER	09/73	412.9	09/73	412.9	641.1	228.2	55	1.9-			
ASW/SOW-ASW STANDOFF	09/79	1,800.0	09/79	1,800.0	1,845.0	45.0	1	45.0	3		
AV-8B BARRIER	10/75	3,856.1	10/75	3,856.1	8,977.4	5,111.3	132	1,863.5	26		
CAPTOR ANTI-SUB WEAPON SYSTEM (APP. V, P. 93)	12/71	329.2	12/71	329.2	425.3	95.1	29	1,035.9-	72-		03
CARRIER, SERVICE LIFE EXTENSION PROGRAM	09/78	1,150.5	09/79	1,150.5	3,044.0	1,893.5	155	1,864.1	146		
CG-47 GUIDED MISSILE DESTROYER (APP. V, P. 93)	1976	5,041.7	03/78	14,083.5	17,935.2	3,851.7	27	3,073.3	21		03
CH-53E (SUPER STALLION) HELICOPTER (APP. V, P. 93)	04/73	578.4	06/73	578.4	879.0	300.5	52	90.4	10		
COMBAT SYSTEM ENGINEERING DEVELOPMENT (AEGIS ROT3E ONLY)	06/74	214.8	01/75	251.0	320.0	59.6	27	8.9	3		
CVN-68,69 & 70 AIRCRAFT CARRIERS (PROCUREMENT ONLY)	1972	1,919.5	1972	2,036.2	2,830.8	794.5	39	59.3	2		
CVN-71 AIRCRAFT CARRIER (APP. V, P. 93)	02/79	2,420.6	02/79	2,420.6	2,512.5	191.9	8				01
DD-963 DESTROYER	11/67	1,784.4	06/70	2,581.2	4,352.6	1,771.4	69				
E-2C (HAWKEYE) AIRCRAFT (APP. V, P. 93)	07/68	585.2	07/69	586.2	3,253.0	2,575.3	457	247.1	8		
EA-5B (PROWLER) AIRCRAFT	11/64	689.7	04/69	817.7	2,460.9	1,643.2	201	190.5	8		
ELF COMMUNICATIONS (SANGUINE)	05/75	534.0	06/75	534.0	547.5	113.5	21	295.4	47		
F-14 (TOMCAT) AIRCRAFT (APP. V, P. 94)	01/69	6,166.0	01/69	6,166.0	11,663.6	5,497.6	89	526.9-	4-		03
F/A-18 (HORNET) AIRCRAFT (APP. V, P. 94)	12/75	12,875.3	12/75	12,875.3	29,712.3	15,837.0	131	5,589.0	24		
FFG-7 SHIP (APP. V, P. 94)	09/72	3,244.5	09/72	3,244.5	11,464.6	9,220.1	253	507.5-	5-		03

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AGENCY AND PROJECT	ORIGINAL ESTIMATE DATE	ORIGINAL ESTIMATE AMOUNT	CURRENT ESTIMATE DATE	CURRENT ESTIMATE AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE AMOUNT	%	YEARLY CHANGE AMOUNT	%	NOTES
DEPARTMENT OF DEFENSE: (CONT.)											
DEPARTMENT OF THE NAVY: (CONT.)											
SYSTEMS:											
FLEET SATELLITE COMMUNICATION SYSTEM	01/74	822.4	01/74	822.4		785.4	37.0-	4-	63.7-	7-	
HARM (AGM-88) MISSILE (APP. V. P. 94)	07/72	208.4	09/79	1,357.9		2,002.8	544.9	47	613.5	44	04
HARPOON MISSILE SYSTEM (APP. V. P. 94)	07/70	1,071.4	06/74	1,031.8		2,336.4	1,304.5	125	595.6	28	03
HIGH ENERGY LASER (RDT & E ONLY)	05/68	218.3	05/68	218.3		615.0	396.7	182	82.7	16	
INTERMEDIATE WATER DEPTH MINE	09/80	1,149.8	09/80	1,149.8		1,149.8					01
JTIDS	12/77	1,534.2	12/77	1,534.2		2,876.7	1,342.5	88	993.3-	26-	04
LAMPS MK-III (SH-60B) SHIP SYSTEM (APP. V. P. 94)	09/73	1,315.4	03/78	3,907.6		5,401.1	1,493.5	39	1,922.5	51	
LSD-41 DOCK LANDING SHIP	12/79	1,353.4	12/79	1,353.4		1,596.3	242.9	18			01
LVT-X LANDING VEHICLE EXPERIMENT (POT&E ONLY)	09/80	194.3	09/80	194.3		194.3					01
MEDIUM RANGE AIR TO SURFACE MISSILE (MRASM)	09/80	4,305.0	09/80	4,305.0		4,305.0					01.04
MINE COUNTERMEASURE SHIP (MCS)	03/80	755.3	03/80	756.3		1,165.9	410.5	54			01
MK-46 TORPEDO IMPROVEMENT PROGRAM (NEARTIP)	02/75	121.9	02/75	121.9		187.4	55.5	54	681.4-	78-	
MK-48 TORPEDO	03/64	720.5	11/71	1,753.8		1,774.0	23.2	1	59.5	4	

MK-48 TORPEDO ADVANCED CAPABILITY	09/79	1,295.9	09/79	1,295.9	1,372.9	75.9	5	75.9	5	
MOBILE PROTECTED WEAPONS SYSTEM (MPS) (RDTE ONLY)	09/80	212.9	09/80	212.9	212.9					01
NAVSTAR GPS	12/73	29.2	12/73	29.2	359.1	339.9	1,154	270.3-	42-	05
P-3C (ORION) AIRCRAFT (APP. V, P. 94)	06/67	1,294.2	06/67	1,294.2	5,927.4	4,633.2	358	442.8	8	
PHALANX CLOSE-IN WEAPON SYSTEM (APP. V, P. 94)	01/73	558.5	01/73	558.5	1,684.5	1,125.1	195	383.2	25	
PHM SHIP (APP. V, P. 94)	02/73	726.2	02/73	726.2	413.5	312.7-	43-	13.5	3	
PHOENIX (AIM-54A/C) MISSILE (APP. V, P. 94)	1963	370.8	06/53	536.4	2,021.4	1,485.3	277	236.5	13	03
RAPLOC	10/78	218.0	10/78	218.0	1,557.3	1,339.3	414	1,292.3	487	
SEAWINDER AIM-9L MISSILE (APP. V, P. 94)	06/71	99.7	06/71	99.7	433.1	333.4	334	87.1	25	04
SOSUS-CAESAR ANTI SUBMARINE DETECTION & TRACKING SYSTEM	03/72	1,434.0	03/72	1,434.0	3,446.6	2,014.6	140	475.3	16	
SPARROW AIM-7F MISSILE (APP. V, P. 94)	05/65	139.8	06/58	453.6	1,550.7	1,097.1	242	71.8	5	04
SSN-688 SUBMARINE (APP. V, P. 94)	02/69	1,558.0	01/71	5,747.5	12,125.6	5,379.1	111	1,335.4	12	
STANDARD ER AND MR MISSILES	1976	704.9	1976	704.9	4,483.8	3,778.9	535	1,221.2	37	
STRAT CHGE RTY COMBUST ENG (SCRC) (RDTE ONLY)	09/80	96.6	09/80	96.6	96.6					01
SUBMARINE ADVANCED COMBAT SYSTEM (SUBACS)	09/80	8,566.0	09/80	8,566.0	8,566.0					01
SURTASS ARRAY SENSOR (APP. V, P. 94)	06/73	19.1	11/74	259.3	593.0	333.7	129	71.3	14	
T-AC(X) MARITIME PREPOSITIONING	01/80	1,910.7	05/80	2,183.2	2,049.0	134.2-	5-			01
T-ARC CABLE SHIP	09/77	199.9	09/78	203.9	532.4	328.5	151			01
TACAMO	1978	629.1	1978	629.1	690.1	51.8	10	19.7	3	
TACTAS (APP. V, P. 94)	08/76	601.1	08/75	601.1	1,194.2	593.1	99	209.7	21	

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FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1990
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
DEPARTMENT OF DEFENSE: (CONT.)											
DEPARTMENT OF THE NAVY: (CONT.)											
SYSTEMS: (CONT.)											
TOMAHAWK (SLCM) MISSILE (APP. V, P. 94)	1975	2,524.6	01/78	2,422.9		2,280.0	142.9-	5-	728.7	47	03
TRIDENT SUB/MISSILE SYSTEM (APP. V, P. 94)	12/71	11,286.5	01/74	12,431.1		28,751.3	16,320.2	131	3,205.9	13	
5 TH GUIDED PROJECTILE (APP. V, P. 94)	1972	109.8	08/77	500.5		354.7	145.8-	29-	181.3-	34-	
SUB TOTAL		106,164.2		128,016.6		232,203.9	104,187.3		26,497.1		
OTHER DOD PROGRAMS:											
ASSAULT BREAKER (ROT&E ONLY)	09/80	137.0	09/80	137.0		137.0					01
AGENCY TOTAL		232,456.8		285,115.2		436,083.2	149,968.0		42,561.3		
DEPARTMENT OF ENERGY:											95
BONNEVILLE POWER ADMINISTRA- TION, POWER MARKETING:											
ASHE-WILLAMETTE VALLEY TRANS- MISSION FACILITIES, OR & WA (BI-183)	02/74	113.7	07/79	158.2		178.9	20.7	13	18.1	11	
O C INTERTIE NO 1 UPRATING (BI-100)	06/78	31.4	09/79	34.7		35.6	.9	3	.9	3	
HOT SPRINGS-BELL TRANSMISSION FACILITIES, ID, MT & WA (BI-185)	06/74	57.9	06/74	58.0		65.9	8.9	15	2.0	3	
LAGRANDE-MCNARY 500-KVA LINE (BI-108)	09/79	32.3	09/79	32.3		32.3					01

APPENDIX II

NORTHERN IDAHO SUPPORT & LIBRY INTEGRATION (81-197)	07/78	29.9	07/79	33.0	38.3	5.3	15	5.3	15	01
SOUTHWEST OREGON SERVICE (91-179)	09/79	50.7	09/80	47.6	47.6					
WESTERN MONTANA TRANSMISSION (91-111)	11/77	145.7	03/78	152.2	177.9	25.7	17	34.3	24	
UMP NO. 3 & 5 INTEGRATING TRANSMISSION, WA (81-189)	07/75	32.4	01/75	43.0	48.4	5.4	13	1.5-	3-	
SUB TOTAL		444.0		559.0	525.9	55.9		59.0		

DEFENSE WASTE MANAGEMENT:

ADDL FACIL. HIGH LEVEL STOR. SAVANNAH RIVER, SC (75-04-A)	12/74	58.0	02/79	52.0	58.0	5.0	10			
ADDL HIGH LEVEL STOR FACIL. RICHLAND, WA (75-04-B)	12/74	35.0	12/74	35.0	35.0					
DEFENSE WASTE PROCESSING FACILITY SAVANNAH RIVER, SC (82-2)	09/79	24800.0	06/80	14000.0	14000.0					03
HIGH LEVEL STOR & HANDL FACIL. RICHLAND, WA (77-13-C)	12/75	40.0	12/75	40.0	40.0					
HIGH LEVEL STOR & WST FACIL. RICHLAND, WA (78-18-A)	12/75	27.0	12/77	27.0	27.0					
HIGH LEVEL STOR TANKS MGT FACIL. SAVANNAH RIV, SC (77-13-D)	12/75	55.0	08/79	56.0	56.0					
HIGH LEVEL WASTE STORAGE FACILITIES SAVANNAH RIVER, SC (79-18-B)	12/76	42.0	08/79	42.0	40.0	2.0-	5-	2.0-	5-	
SUB TOTAL		34068.0		14262.0	14255.0	4.0		2.0-		

DEPARTMENTAL ADMINISTRATION:

ALTERNATE ENERGY SOURCE, PANTEX PLANT, AMARILLO, TX (80-04-35)	1980	45.5	09/80	46.6	45.5					01
ENERGY MANAGEMENT MOODS, VAR LOC (81-A-601)	12/79	28.2	12/79	28.2	28.2					01
SUB TOTAL		74.0		74.8	74.8					

APPENDIX II

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
DEPARTMENT OF ENERGY: (CONT.)											05
FISSION POWER REACTOR DEVELOP:											
CLINCH RIVER BREEDER REACTOR DEMO PLANT, OAK RIDGE	07/69	699.0	08/75	1,950.0	110.7	1,950.0					37
ENERGY TECH ENGR CTR, FACIL 400, SANTA SUSANA, CA (ETEC)	09/79	26.8	09/79	26.8		26.8					
FAST FLUX TEST FACILITY, RICHLAND, WA (67-03-4)	09/66	75.0	09/75	647.0		547.0					
FUEL & MATL EXAM FACIL, HEDL RICHLAND, WA (COMBINED PROJ) (78-04-F)	12/76	124.9	10/79	170.6		170.6					
FUEL STORAGE FACILITY, RICH- LAND, WA (77-04-0)	08/75	35.0	09/79	30.3		30.3					
SAFETY RESH EXPERIMENT FACIL PHASE I, TREAT UPGRADE, ANL-W (78-06-C)	12/78	29.2	12/79	29.2		29.2					
SUB TOTAL		999.9		2,853.9	110.7	2,853.9					
FOSSIL ENERGY DEVELOPMENT:											
COMPONENT DEV & INTEG FACIL, RUTHEMT (77-01-D)	12/76	37.0	08/79	37.0		37.0					
DONOR SOLVENT EXTRACTION PILOT PLANT, BAYTOWN, TX (89-FE-09)	12/76	121.4	12/78	122.6	51.3	122.6			1.6	1	
EBULLATED BED (H-COAL) PILOT PLANT, CATTLETSBURG, KY (89-FE-06)	12/75	165.2	10/78	140.0	38.0	155.4	15.4	11	15.4	11	
FUEL CELL 4.8 MW DEMO UNIT, NY (77-FE-15)	06/76	54.1	06/79	69.0	28.0	69.0			.7	1	

HIGH BTU SYNTH PIPELINE GAS DEMO PLANT (CONCEPTUAL) (75-01-B)	12/75	520.0	05/79	550.0	275.0	550.0			
LOW/MED BTU FUEL GAS DEMO PLANT (75-01-C)	12/75	400.0	03/80	756.0	190.0	756.0			01
PRESS FLUID BED COMB CYCLE PLT-13MW-PILOT, MORGES, NJ (80-FE-11)	03/75	24.3	03/80	42.5		42.5	2.5	6	
SOLVENT REFINED COAL DEMO PLANT (SRC-I) (78-02-D)	08/77	625.0	12/79	1,232.0	120.0	1,232.0	548.0	111	08
SOLVENT REFINED COAL DEMO PLANT (SRC-II) (79-01-R)	08/77	625.0	12/79	1,115.0	554.5	1,115.0	531.0	91	08
SUB TOTAL		2,572.0		4,074.1	1,275.8	4,089.5	15.4	1,199.0	
FUSION POWER RESH & DEVELOP:									
ELMO PUMPY TORUS (EBT) PROOF OF PRINCIPLE EXPERIMENT (80-MF-03)	01/79	44.0	09/79	75.0		80.0	5.0	7	5.0 7
FUSION MATL IRRADIATION TEST FACIL, RICHLAND, WA (79-03-B)	09/77	85.0	08/79	105.0		105.0			
LARGE COIL TEST FACIL, OAK RIDGE, TN (80-MF-04)	1979	26.4	08/79	26.4		26.4			01
MIRROR FUSION TEST FACILITY, LLL, CA (78-03-A)	12/75	96.2	12/79	96.2		96.2		2.0	2
TOKAMAK FUSION TEST REACTOR, PRINCETON PLASMA LAB, PLAINSBORO, NJ (75-05-A)	01/75	215.0	02/80	284.0		284.0		1.0-	
SUB TOTAL		464.6		586.6		591.6	5.0	6.0	
GEO THERMAL ENERGY:									
FIRST 50MW GEO THERMAL DEMO PLANT, NM (80-G-01)	12/77	110.0	05/80	110.0	55.0	110.0			
HIGH ENERGY PHYSICS RESEARCH:									
ENERGY SAVER, FERMI VAL, BATAVIA, IL (79-09-B)	12/77	38.9	01/79	38.9		45.6	7.7	20	01
INTERSECT STOR ACCEL 400 GEV ELECT VOLT, BNL, NY (78-10-B)	07/77	246.0	03/80	276.8		276.8			

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1990
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
DEPARTMENT OF ENERGY: (CONT.)											05
HIGH ENERGY PHYSICS RESEARCH: (CONT.)											
NATL SUPERCOND CYCLOTRON LAB MICH ST UNIV, E LANSING (83-SS-5)	01/79	30.0	01/79	30.0		30.0					01
TEVATRON PHASE I, FERMI VAL, BATAVIA, IL (81-E-219)	01/80	39.5	01/80	39.5		39.5					01
SUB TOTAL		354.4		385.2		392.9	7.7				
INERTIAL CONFINEMENT SYSTEMS:											
HIGH ENERGY LASER FACILITY (NOVA), LLL, CA (73-04-A)	12/76	185.0	04/79	196.8		137.0	59.8-	30-	59.3-	30-	03
HIGH ENERGY LASER FACILITY, LASL, NM (75-03-9)	12/73	22.6	02/83	62.5		62.5					
PARTICLE BEAM FUSION ACCEL-II SANDIA LAB, NM (81-D-101)	01/80	39.3	01/80	39.3		39.3					01
SUB TOTAL		245.9		298.6		238.8	59.8-		59.3-		
NAVAL PETROL & SHALE RES PROG:											
NPR#1 GAS PLANT, UNITY DEV & PIPELINE CONSTR ELKHILLS, CA (77-NP-01)	11/78	306.0	06/83	366.2		366.2			35.2	11	
NAVAL REACTOR DEVELOPMENT:											
MODS & ADDL PROTOTYPE FACIL (81-T-112)	01/80	103.0	01/80	103.0		103.0					01

NUCLEAR MATERIALS PRODUCTION:

EPA, SAF & SECUR WDS, WASTE
MGT & MATL FACIL (12-14ND), MA
(79-1P-E)

09/77 25.0 12/77 40.0 40.0 01

FLUORINEL DISSOL PROCESS &
FUEL REC IMPROVE, ICRP(1)
(77-13-A)

12/75 35.0 11/79 150.0 150.0 01

REMOTE ANAL FACIL UPGRADE &
EXPAND, ID FUEL PROC FACIL
(81-D-131)

01/80 28.5 01/80 28.5 28.5 01

RESTORE PRODUCTION CAPABIL
VAR LOC (81-D-125)

01/80 36.4 01/80 36.4 36.4 01

WASTE CALCINE FACIL (CMEW
PROC PLANT) IMEL, ID
(75-01-C)

12/73 20.0 03/79 81.0 81.0 01

SUP TOTAL

144.9 335.9 335.9

SOLAR ENERGY & TECHNOLOGY:

ADV AUTOMOTIVE HEAT ENGINE
SYS DEVELOP

01/79 225.0 01/79 225.0 225.0 01

CENTRAL 10MW RECEIVER SOLAR
POWER PLANT, CA (76-02-B)

07/77 121.3 12/79 139.5 139.5 01

ELECTRIC VEHICLE BATTERY -
NEAR TERM

07/79 90.1 07/79 90.1 90.1 01

DTIC 1 OCEAN TEST FACILITY, CA
(79-01-W)

11/77 38.4 09/79 35.2 40.5 5.3 15 7.5 23

SOLAR ENERGY RESEARCH INST
(SERI) (79-01-B)

06/78 30.0 06/78 30.0 30.0 01

WIND TURBINE PROJECT MOD-2
(83-ES-20)

12/78 27.3 05/79 27.3 27.3 01

SUP TOTAL

532.1 547.1 47.7 552.4 5.3 7.5

STRATEGIC PETROL RESERVE PROG:

RESERVE-538MB TERM & PIPE-
LINE CONSTR, LA, TX

01/77 767.0 06/80 1,518.0 1,555.0 01.3 3 27.3 2

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
DEPARTMENT OF ENERGY: (CONT.)											
URANIUM RESOURCES AND ENRICH- MENT ACTIVITIES:											
ADDL FACIL ENRICH URANIUM PROD PORTSMOUTH, OH (76-28-G)	12/76	4,460.0	04/80	5,500.0		5,700.0	200.0	4	500.0	12	03
ADVANCED ISOTOPE SEPARATION LAB LIVERMORE, CA (81-T-502)	05/79	29.7	05/79	29.7		29.7					01
CENTRIFUGE FACIL MODS, OAK RIDGE, TN (78-14-A)	12/75	30.0	06/75	30.0		30.0					
CENTRIFUGE PLANT DEMO FACIL OAK RIDGE, TN (77-09-D)	12/75	60.0	12/75	60.0		60.0					
GASEOUS DIFFUSION PLANTS:											
CASCADE UPGRATING PROGRAM, KY, OH & TN (74-01-G)	12/72	235.0	05/79	422.9		422.9					
ENVIRON PROTECT & SAFETY MODS PHASE I (81-R-506)	12/79	55.0	12/79	55.0		55.0					01
EXPAND FEED VAPORIZATION & SAMPLING FACIL, OAK RIDGE (77-09-A)	12/75	30.0	06/75	30.0		30.0					
MOTOR SWITCHGEAR UPGRADING (80-UE-05)	12/78	28.5	07/79	28.5		28.5					01
PROCESS EQUIPMENT MODS, KY, OH & TN (71-01-F)	04/70	407.0	03/80	970.0		970.0			200.0-	2-	03
UTILITIES UPGRADING (81-R-503)	12/79	27.0	12/79	27.0		27.0					01
SUB TOTAL		5,302.2		7,153.1		7,353.1	200.0		580.0		

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1993
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	Y	YEARLY CHANGE	NOTES
	DATE	AMOUNT	DATE	AMOUNT				
DEPARTMENT OF HEALTH AND HUMAN SERVICES:								
NATIONAL INSTITUTES OF HEALTH:								
AMBULATORY CARE RESEARCH FACILITY	07/72	53.2	05/77	108.5	108.6	.1		
NATIONAL ENVIRONMENTAL HEALTH SCIENCES CENTER, NC	02/72	51.0	03/75	59.2	79.8	1.5	2	
SUB TOTAL		114.2		177.7	179.4	1.7		
SOCIAL SECURITY ADMINISTRATION:								
AUTOMATED DATA PROCESSING & TELECOMMUNICATIONS SYSTEMS								
	09/79	34.2	09/79	34.3	56.6	22.3	65	22.3 65
AGENCY TOTAL		148.5		212.0	235.0	24.3		22.3
DEPARTMENT OF JUSTICE:								
FEDERAL BUREAU OF INVESTIGATION:								
AUTOMATED IDENTIFICATION DIVISION SYSTEM	08/71	55.4	08/71	55.4	55.4			
IMMIGRATION & NATURALIZATION SERVICE:								
ALIEN DOCUMENTATION, IDENTIFICATION & TELECOMMUNICATION	1973	13.0	01/80	69.5	69.5			2.8 4
AGENCY TOTAL		68.4		124.9	124.9			2.8
DEPARTMENT OF STATE:								
CAIRO OFFICE BUILDING	10/79	33.7	09/80	33.7	33.7			01
MOSCOW COMPLEX	06/68	100.0	06/69	100.0	129.3	29.3	29	
RIVADIM COMPLEX	09/60	85.6	09/83	85.6	85.6			31
AGENCY TOTAL		219.3		219.3	248.6	29.3		

DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS:

BEACH EROSION:

DELAWARE COAST PROTECTION (75279)	1966	8.0	09/79	35.2	15.8	52.4	17.2	49	4.3	10
E. INLET TO ROCKAWAY INLET & JAMAICA BAY, NY (PART I) (5210)	1965	26.0	09/79	52.4	23.4	46.8	5.5-	11-	13.0	38
FIRE ISLAND INLET TO JONES INLET, NY (5889)	1965	16.2	09/79	36.4	19.0	48.0	11.6	32	3.7	8
SUB TOTAL		50.2		124.0	59.2	147.2	23.2		21.5	

FLOOD CONTROL:

ALUM CREEK LAKE, OH (280)	1963	22.7	09/79	49.8		55.6	5.3	12	.8	1
APPLEGATE LAKE, OR (440)	1963	14.7	09/79	35.7	.8	132.8	7.1	7	4.7	5
AQUILLA DAM AND LAKE, TX (74785)	1965	23.6	09/79	53.7		58.5	5.2-	8-	15.5	36
ARCADIA LAKE, OK (75012)	1970	24.9	09/79	54.3		79.4	15.1	23		
ARK-RED RIVER BASINS CHLORIDE CONTROL, KS, OK & TX (75261)	1976	26.0	09/79	38.0		52.0	14.0	37	5.3	11
AUBREY LAKE, TX (74787)	1962	34.1	09/79	284.2		315.7	31.3	11	85.7	38
R. EVERETT JORDAN DAM AND LAKE, NC (12410)	1963	25.5	09/79	74.8		127.0	52.2	79	17.9	15
BEAR CREEK LAKE, CO (72285)	1969	32.6	09/79	72.9		62.2	19.7-	15-	.3-	1-
BEECH FORK LAKE, WV (1280)	1962	11.0	09/79	30.0		45.8	15.8	35	7.5	19
BIG SOUTH FORK NATL RIVER & REC AREA KY & TN (75209)	1974	32.9	09/79	186.8		278.0	31.2	49		
BLDOMINGTON LAKE, MD AND WV (1770)	1962	51.0	09/79	157.0		172.1	15.1	16	11.1	7
BLUE MARSH LAKE, PA (1780)	1962	15.8	09/79	57.7	8.5	71.5	13.9	24	1.7	2
BLUE RIVER CHANNEL, KANSAS CITY, MO (74991)	1970	43.0	09/79	148.7	23.5	164.6	15.9	11	53.5	48

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1967
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	DATE	AMOUNT	DATE	AMOUNT	CURRENT ESTIMATE		TOTAL AMOUNT	INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE AMOUNT	NOTES
					FEDERAL SHARE	NON-FEDERAL		AMOUNT	%		
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS:											
FLOOD CONTROL: (CONT.)											
BUFFALO BAYOU AND TRIBUTARIES, TX (2150)	1954	64.5	09/73	194.1	86.0	219.7	25.5	13	43.5	25	
RUNSVILLE LAKE, WV (2270)	1938	2.7	19/73	42.9		55.3	12.4	29	3.5	7	
CARLSAR CREEK LAKE, OH (2350)	1938	3.6	09/73	37.0		64.0	27.0	73	3.7	6	
CANYON LAKE, OK (2532)	1952	4.5	19/73	29.2		32.5	3.4	12			PI
CATHERINE CREEK LAKE, OR (2191C)	1965	7.9	09/73	42.7	.3	50.0	7.3	17	4.9	11	
CAVE RUN LAKE, KY (2780)	1935	1.8	09/73	45.8		64.3	38.5	84	3.4	4	
CENTRAL AND SOUTHERN FL (2850)	1948	208.1	09/73	1,553.1	717.0	2,098.7	545.5	35	1,197.8	133	
CHARTIERS CREEK, PA (3010)	1965	20.3	09/73	39.3	9.1	40.8	1.5	4	1.8	5	
CHATFIELD LAKE, CO (3020)	1957	34.2	09/73	84.3	8.2	100.5	15.3	19	2.2	2	
CHEWA RIVER LAKES, AK (72738)	1968	111.7	09/73	243.9	11.5	283.6	39.7	15	58.3	26	
CLAYTON LAKE, OK (74925)	1952	13.2	09/73	45.6		53.5	7.3	17	3.0	6	
CLINTON LAKE, KS (3820)	1952	25.2	09/73	51.2		57.3	3.9	6	.5	1	
CLINTON, IA (74047)	1958	10.5	09/73	26.3	4.4	31.0	4.7	18			
CODDER LAKE AND CHANNELS, TX (3820)	1955	9.1	09/73	56.4	.4	97.7	31.3	47	11.3	14	
COPAN LAKE, OK (3990)	1962	25.6	09/73	77.9		72.0	5.9	8	4.4	7	
CORTE MADERA CREEK, CA (3990)	1962	5.9	19/73	20.1	8.3	27.3	7.2	35	1.5	6	
COMANESQUE LAKE, PA (4150)	1958	28.5	09/73	89.1		105.0	15.3	19	3.5	3	

APPENDIX II

APPENDIX II

CUCUMONGA CREEK, CA (74549)	1955	34.5	09/79	105.6	18.6	151.8	25.2	25	18.0	16
DADE CO BEACH EROSION CONTROL, FL (74343)	1958	28.6	09/79	98.6	35.0	79.5	17.0	19-	17.8	20
DAY CREEK LAKE, CA (4990)	1952	42.4	09/79	166.2	.1	274.1	107.3	55	35.0	15
EAST FORK LAKE, OH (5180)	1958	4.5	09/79	41.4		54.9	13.4	32	4.2	8
EAST LYNN LAKE, WV (5190)	1938	3.0	09/79	25.3		34.9	9.5	38		
EAST ST. LOUIS AND VICINITY (554)	1955	3.7	09/79	78.1	18.2	111.5	33.4	43	41.4	59
EL DORADO LAKE, KS (5350)	1955	23.3	09/79	70.9	5.5	85.0	14.1	20	.9	1
EL PASO, TX (5340)	1955	15.6	09/79	47.2	18.0	86.4	39.2	93	17.2	24
ELIZABETH, NJ (5380)	1954	12.2	09/79	41.7	11.8	54.0	12.3	29	3.4	7
ELK CREEK LAKE, JR (5370)	1952	17.5	09/79	88.5		108.0	19.5	22	10.8	11
EVANSVILLE, IN (5690)	1937	2.4	09/79	44.6	7.5	50.8	15.2	35	10.3	22
FALLS LAKE, NC (5800)	1955	18.5	09/79	102.9		151.0	48.1	47	27.0	22
FIRE ISLAND INLET TO MONTAUK PT., NY (5870)	1950	42.5	09/79	207.6	103.1	345.1	138.5	67	158.5	84
FOUR MILE RUN, CITY OF ALEXANDRIA & ARLINGTON COUNTY, VA (75027)	1974	38.6	09/79	62.9	12.3	63.1	.2		.2	
FOUR RIVER BASINS, FL (5390)	1952	99.8	09/79	257.9	133.2	363.2	95.3	35	119.1	49
FREEMONT & VICINITY, TX (5180) (APP. III, P. 82)	1962	5.4	09/79	17.3	12.5	41.5	24.2	140		
GATHRIGHT LAKE, VA (5430) (APP. III, P. 82)	1946	13.0	09/79	32.8		83.0	50.2	133	6.7	9
HILLSDALE LAKE, KS (7540)	1964	9.4	09/79	53.3		51.2	2.1	3-	1.5	3
INDIAN BEND WASH (GILA RIVER BASIN), AZ (22720)	1961	9.0	09/79	28.8	9.8	42.2	13.4	47	4.7	13
KANSAS CITY, KS (8740)	1962	21.1	09/79	55.9	7.1	35.4	20.5	37-	.5	1
KEHOE LAKE, KY (8870)	1955	15.0	09/79	45.7		45.8	.1			
LAFARGE LAKE AND CHANNEL IMPROVEMENT, MI (9240)	1952	15.9	09/79	50.7	.5	58.8	18.1	35	5.3	8

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS: (CONT.)											
FLOOD CONTROL: (CONT.)											
LAKE PONTCHARTRAIN AND VICINITY, LA (9350)	1965	84.8	09/79	524.5	120.0	781.0	256.5	49	320.0	49	
LAKEVIEW LAKE, TX (9420)	1965	31.2	09/79	271.6	6.0	267.9	3.7-	1-	55.9	33	
LAROSE TO GOLDEN MEADOW, LA (HURRICANE CONTROL) (5580)	1960	7.9	09/79	46.1	18.9	74.8	28.7	62	15.9	27	
LAVON LAKE MOD & E FORK IMPROVEMENTS, TX (9570)	1962	24.1	09/79	49.5	.2	70.4	20.9	42	3.6	5	
LITTLE BLUE RIVER CHANNEL, MO (72277)	1968	5.3	09/79	23.2	3.4	35.1	11.9	51	3.5	11	
LITTLE BLUE RIVER LAKES, MO (72276)	1968	33.9	09/79	134.7		173.0	38.3	28	36.0	26	
LOS ESTEROS LAKE, NM (10380) (APP. III, P. 82)	1964	7.0	09/79	21.2		43.3	22.1	104	1.8	4	
LUFKATA LAKE, OK (10290)	1955	12.7	09/79	38.9		43.1	4.2	11	3.2	8	
MANKATO & N. MANKATO, MN (10520) (APP. III, P. 82)	1956	2.0	09/79	35.2	4.3	97.3	62.1	176	17.4	22	
MERAMEC PARK LAKE, MO (10990)	1938	37.7	09/79	156.6		205.0	48.4	31	15.0	8	
MILL CREEK, OH (74993)	1969	42.0	09/79	225.6	33.5	359.5	133.9	59	205.5	134	
MISSOURI RIVER LEVEE SYSTEM (11510)	1944	74.0	09/79	274.2	21.3	298.3	24.1	9	101.5	52	
MORGAN CITY & VIC., LA (11830)	1965	4.4	09/79	22.5	11.5	32.1	7.5	43	2.7	10	

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1962	10.7	09/79	112.4	47.0	209.0	95.5	95	50.0	40	NEW ORLEANS TO VENICE HURRICANE PROTECTION, LA (1211C)
1965	16.5	09/79	49.2	58.1	8.9	8.9	18	7.2	10	PAINTSVILLE LAKE, KY (13570)
1966	31.1	09/79	89.7	1.3	50.1	23.5-	33-	.1		PARK RIVER, HARTFORD, CT (73371)
1963	20.4	09/79	54.2	24.6	76.3	22.1	41	2.5-	3-	PATOKA LAKE, IN (1373)
1965	53.7	09/79	451.6	228.0	510.0	49.4	10			CHENIX & VICINITY (INCL NEW RIVER) STAGE 2 (911)
1962	33.4	09/79	93.3	27.0	89.3	4.0-	4-	2.4	3	PORT ARTHUR AND VICINITY, TX (14356)
1970	50.4	09/79	253.6	82.8	364.8	111.2	44	119.9	49	PORTUGUES & BUCANA RIVERS, PR (74994)
1962	60.5	09/79	130.0	186.0	56.8	56.8	43	2.0	1	R.O. GAITLEY LAKE, WV (14780)
1946	9.5	09/79	29.5	1.3	56.4	25.9	91	2.3	5	RED RIV LEVEE & BANK STABIL BELOW DEWISON DAM, AR (15050)
1965	2.9	09/79	17.2	1.1	28.4	11.2	55			POSEAU RIVER, MN (15340)
1960	21.4	09/79	78.1	40.2	135.2	58.1	74	21.3	19	SACRAMENTO RIVER BANK PROTECTION, CA (15840)
1968	17.9	09/79	92.1	14.0	143.7	51.5	55	58.8	69	SABINAY RIVER, MI (15910)
1953	23.4	09/79	102.3	130.0	202.4	100.1	98	78.3	54	SAN ANTONIO CHANNEL IMPROVE- MENT, TX (16100)
1962	45.5	09/79	119.4	141.2	141.2	21.8	18	10.2	8	SAN GABRIEL RIVER, TX (15160)
1948	2.3	09/79	21.2	3.2	37.8	15.5	78	11.3	43	SANTA PAULA CREEK & CHANNEL, CA (16350)
1968	44.5	09/79	51.1	2.2	103.0	41.9	59	4.2	4	SAVORVILLE LAKE, IA (16510)
1961	22.9	09/79	81.6	109.5	109.5	27.3	34	20.4	23	SKIAHOOK LAKE, OK (15530)
1966	21.5	09/79	71.7	.5	89.1	17.4	24	.7	1	SMITHVILLE LAKE, MO (16980)
1968	21.9	09/79	59.4	9.5	73.4	4.0	5	9.3	15	SOUTHWESTERN JEFFERSON COUNTY, KY (1529)
1966	33.2	09/79	147.1	189.0	189.0	41.9	28	55.0	32	STONEMALL JACKSON LAKE, WV (17580)
1968	9.2	09/79	29.0	15.5	34.7	5.7	21	2.5	8	SWEETWATER RIVER, CA (74550)

ESTIMATED COST DATA COMPARISON
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AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
	DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS: (CONT.)										
FLOOD CONTROL: (CONT.)											
TALLAHALA CREEK LAKE, MS (74433)	1968	13.6	09/79	52.1		90.5	28.4	46	11.2	14	
TAYLORS BAYOU, TX (15699) (APP. III, P. 92)	1965	8.9	09/79	49.7	37.5	113.5	63.8	128	71.7	172	
TAYLORSVILLE LAKE, KY (19010)	1966	21.8	09/79	78.1	13.2	119.2	49.1	51	16.2	14	
TEXAS CITY AND VICINITY, TX (19149)	1968	8.3	09/79	31.3	16.0	52.8	21.3	69	1.8	4	
TIDGA-HAMMOND LAKES, PA (18250)	1968	53.6	09/79	140.7		192.7	52.0	37	4.3	2	
TOMBIGBEE RIVER AND TRIBUTARIES, MS AND AL (19319)	1958	21.9	09/79	123.9	17.5	157.0	33.1	27	40.7	35	
TYRONE, PA (22570)	1940	1.5	09/79	38.6	4.1	45.1	7.3	19			
WALNUT CREEK, CA (19399)	1960	24.4	09/79	53.8	21.3	98.8	35.0	55	15.1	18	
WATERLOO, IA (19530)	1965	18.7	09/79	43.7	10.4	53.1	11.4	25	3.9	6	
WILLAMETTE RIV BASIN BANK PROTECTION, OR (19977) (APP. III, P. 82)	1936	2.4	09/79	12.9	.4	32.3	19.4	130	4.7	17	
WILLOW CREEK LAKE, OR (72731)	1965	5.7	09/79	35.2		44.9	9.7	28			01
WINONA, MN (75069)	1971	9.5	09/79	30.0	2.4	32.4	2.4	9			01
YATESVILLE LAKE, KY (20310)	1965	29.1	09/79	55.0		65.2	10.2	19			
SUB TOTAL		2,563.9		10,518.9	2,244.3	13,921.5	3,402.7		3,456.3		

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APPENDIX II

APPENDIX II

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Year	Description	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	Total
1977	ATCHARALAVA BASIN, LA (690)	121.1	09/79	1,013.7	9.7	2,379.7	965.0	68	1,190.7	100		
1941	SAVOU COCORIE & TRIBUTARIES (1091)	3.0	09/79	24.2	.3	32.9	7.9	32				
1927	LOWER RED RIVER SOUTH BAY (1722)	9.0	09/79	41.6	47.2	5.6	13	33	11.8			
1949	MISSISSIPPI RIVER CACHE BASIN (2320)	25.1	09/79	110.9	18.3	144.3	33.4	30	12.1	9		
1927	MISSISSIPPI RIVER CHANNEL IMPROVEMENTS (1524)	469.0	09/79	3,054.5	1.1	4,942.1	1,087.6	52	2,517.0	104		
1927	MISSISSIPPI RIVER LEVEES (1144)	221.0	09/79	1,057.5	33.2	1,566.3	439.9	47	439.0	47		
1935	MISSISSIPPI RIVER ST. FRANCIS BASIN (1732)	88.2	09/79	282.8	1.9	355.9	73.1	26	64.0	22		
1940	MISSISSIPPI RIVER TEXAS BASIN, LA (75653)	31.8	09/79	411.3	.5	590.5	179.2	44	255.0	81		
1947	MISSISSIPPI RIVER W TENN TRIB (00019730)	9.1	09/79	54.7	3.2	96.9	32.2	50	34.9	56		
1935	MISSISSIPPI RIVER VAZOO BASIN (73054)	195.0	09/79	858.6	.9	1,478.9	520.5	72	670.0	83		
1953	OLC RIVER CONTROL, LA (13300) (APP. III, P. 82)	81.0	09/79	158.6		383.0	224.4	141	110.0	40		
1966	TECH-VERMILION BASIN, LA (WATER SUPPLY) (23210)	5.1	09/79	22.1	4.0	38.6	15.5	75	5.9	18		
SUB TOTAL												
MULTIPURPOSE PROJECTS INCLUDING POWER:												
BOONEVILLE SECOND POWERHOUSE, OR AND WA (3580)												
1937	120.0	09/79	576.7	652.0	73.3	13	51.0	8				
CHIEF JOSEPH ADDITIONAL UNITS, WA (3203)												
1960	57.5	09/79	302.3	350.0	47.4	16	53.0	18				
CLARENCE CANNON DAM, MO (2560)												
1962	63.3	09/79	154.9	234.0	89.1	34	13.0	5				

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AGENCY AND PROJECT	DATE	AMOUNT	DATE	AMOUNT	CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE	NOTES	
					FEDERAL SHARE	TOTAL AMOUNT				
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS: (CONT.)										
MULTIPURPOSE PROJECTS INCLUDING POWER: (CONT.)										
MORSHAK DAM AND LAKE, ID (5090)	1952	127.2	09/79	252.7		325.3	72.5	29	3.5	1
HARRY S. TRUMAN DAM AND RESERVOIR, MO (8840)	1958	102.0	09/79	313.6		525.0	211.4	57	45.0	10
ICE HARBOR ADDITIONAL UNITS, WA (8700)	1945	20.0	09/79	39.7		35.4	3.3-	8-	.4	1
JOHN DAY LOCK AND DAM, OR AND WA (9480)	1950	379.8	09/79	450.9		515.3	50.4	12	34.4	7
JONES FLUFF LOCK AND DAM, AL (9390)	1945	32.5	09/79	71.2		85.3	15.1	21	2.3	3
LAUREL RIVER LAKE, KY (9550)	1960	21.9	09/79	37.7		60.8	23.1	51	1.7	3
LIBBY ADDITIONAL UNITS AND REGULATING DAM, MT (75058)	1950	75.0	09/79	432.0		559.0	127.0	29	293.0	110
LIBBY DAM-LAKE KOOCANUSA, MT (9750)	1950	239.1	09/79	445.6		490.0	44.4	10	3.0	1
LITTLE GOOSE ADDITIONAL UNITS, WA (72733)	1945	20.0	09/79	52.5		59.4	5.9	13	.3-	1-
LOWER GRANITE LOCK AND DAM, WA (10180)	1945	118.0	09/79	282.9		319.3	36.4	13	12.3	4
LOWER MONUMENTAL ADDITIONAL UNITS, WA (999)	1945	20.0	09/79	52.1		51.8	.3-	1-	.5	1

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LOWER SNAKE RIVER FISH & WILD-LIFE COMPENSATION, OR, WA (79215)	1976	58.4	09/73	112.9	184.0	71.1	53	89.9	96
MCMARY LOCK AND DAM, OR AND WA (19920)	1945	49.5	09/73	291.7	327.6	55.9	12	.3	
NEW MELORES LAKE, CA (12460)	1962	114.0	09/73	221.4	366.8	144.5	55	20.0	5
NORFOLK LAKE HIGHWAY BRIDGE, AR (79301)	1974	16.0	09/73	52.2	42.1	9.9	31	1.1	3
RICHARD B. RUSSELL DAM & LAKE, GA (18530)	1965	85.0	09/73	311.5	462.0	150.5	48	145.0	46
SPEWELL PLUFF LAKE, GA (17260)	1963	63.2	05/73	281.2	333.0	51.8	18	40.0	14
TUCKS ISLAND LAKE (RELOCATION OF ROUTE 209 ONLY) (75282)	1952	50.3	09/73	56.7	67.0	.3			
TUCKS ISLAND LAKE, PA, NJ, AND NY (18279)	1962	90.4	09/73	543.0	491.0	52.0-	10-		
WEST POINT LAKE, GA AND AL (19710)	1942	52.9	09/73	89.6	131.9	42.3	47	1.1-	1-
WOLF CREEK DAM & LAKE, KY (20140)	1973	54.3	09/73	88.3	107.0	19.7	21		
SUP TOTAL		2,060.1		5,523.3	6,796.2	1,627.9		809.2	
NAVIGATION:									
ATCHAFALAYA RIVER AND BAYOUS CHENS, BOUFU AND BLACK (34011)	1958	9.6	09/73	28.8	30.1	1.3	5	1.8	6
ATLANTIC INTRACOASTAL WATERWAY REPL HIGHWAY BRIDGES IN NC (74957)	1959	15.0	09/73	55.0	85.8	30.8	35	42.5	99
BALTIMORE HARBOR AND CHANNELS, MD (879)	1956	32.1	09/73	50.5	62.2	11.7	23	16.8	37
BARBERS POINT DEEP DRAFT HARBOR, OHU (913)	1965	9.1	09/73	61.6	85.0	23.4	38		01
CANNELTON LOCKS AND DAM, IN AND KY (2550)	1950	68.5	09/73	86.9	97.1	17.2	12	.4	

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							INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	%		
ORIGINAL ESTIMATE	DATE	AMOUNT	DATE	AMOUNT	SHARE	TOTAL	AMOUNT	%		
COOPER RIVER CHARLESTON HARBOR, SC (74354)	1966	35.4	09/79	126.6		162.0	35.4	28	42.0	35
CORPUS CHRISTI SHIP CHANNEL, TX (74811)	1968	21.2	09/79	54.6	19.0	105.0	30.4	92	42.5	58
HAMPION ROADS, VA (7270)	1965	29.5	09/79	44.4	.9	41.0	3.4	8-	1.0	7
INLAND WATERWAY DEL RIVER TO CHES BAY, PT II, DE & MD (8200)	1954	95.0	09/79	114.6	.1	126.4	11.9	10	2.3	2
KASKASKIA RIVER, IL (8770)	1962	60.5	09/79	113.3	7.7	157.7	54.4	49	31.0	23
LOCK & DAM 26, MISS RIV., ALTON, IL & MO (902)	1979	794.4	09/79	794.4	4.2	875.2	80.8	10		01
LOS ANGELES-LONG BEACH HARBORS, CA (75080)	1977	16.6	09/79	52.0	17.4	58.4	5.4	10		01
MANTEO (SHALLOW BAY) BAY, NC (74968)	1970	11.2	09/79	76.5	7.3	95.4	18.9	25		01
MISS RIV BIVN OHIO & MO RIVS (REGULATING WORKS), IL & MO (11380)	1910	21.0	09/79	143.6		237.0	93.4	65	79.0	50
MISSISSIPPI RIVER GULF OUTLET, LA (11410)	1956	89.9	09/79	522.6	170.0	743.3	220.7	42	186.3	33
MISSISSIPPI RIVER, BATON ROUGE TO GULF (69)	1945	4.2	09/79	97.1		142.0	44.9	45	39.0	18
MISSOURI RIVER, SIOUX CITY TO MOUTH (621)	1945	178.0	09/79	312.5	9.5	439.5	127.0	41	2.4	1

DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS: (CONT.)
 NAVIGATION: (CONT.)

MOBILE HARBOR (THEODORE CHAM- VEL), AL (74948)	1970	8.9	09/79	69.3	20.7	105.5	35.2	52	20.3	24
NEW YORK HARBOR, COLLECTON & REMOVAL OF DRIFT, NY (74955)	1974	28.8	09/79	94.4	35.8	110.8	15.0	17	21.3	24
NEUBURSH LOCKS AND DAM, IN AND KY (12560)	1962	58.5	09/79	88.8	.1	105.1	17.1	19	.4-	
QUACHITA AND BLACK RIVERS, AP AND LA (13470)	1960	45.0	09/79	166.1	6.6	239.6	73.5	44	28.9	10
OVERTON-RED RIVER WM-LWR 31 MILES, LA (13480)	1966	44.0	09/79	26.6	.1	27.6	1.0	4	2.4	10
PORT EVERGLADES HARBOR, FL (76031)	1974	8.9	09/79	29.8	7.1	41.3	11.5	39	7.5	22
RED RIVER EMERGENCY BANK PROTECTION, AR, LA, OK, TX (919) (APP. III, P. 82)	1966	5.5	09/79	26.4		53.6	27.2	103		01
RED RIVER WATERWAY MISS RIV TO SHREVEPORT (95)	1968	250.4	09/79	1,265.2	50.5	1,672.6	407.4	32	453.5	38
SAN DIEGO RIVER AND MISSION BAY, CA (15750)	1941	15.1	09/79	28.8	17.5	36.7	7.9	27	2.5	8
SAN FRANCISCO BAY TO STOCKTON, CA (16630)	1965	50.9	09/79	237.2	29.0	195.8	41.4-	17-	20.2	12
SMITHLAND LOCKS & DAM, IL, IN, KY (16950)	1965	90.1	09/79	196.1	.3	279.9	74.9	38	13.0	5
TAMPA HARBOR (MAIN CHANNEL), FL (74951)	1970	72.1	09/79	155.1	4.1	203.4	38.3	23	33.3	20
TENNESSEE TOMRIGBEE WATERWAY, AL AND MS (18073)	1963	281.8	09/79	1,528.4	173.0	1,963.0	434.5	28	109.0	6
UNIONTOWN LOCKS AND DAM, IN AND KY (18840)	1958	51.4	09/79	84.2	.1	101.8	15.9	20	.6	1
VERMILION LOCK (REPLACEMENT), LA (67)	1965	5.1	09/79	30.2	.1	31.8	1.5	3	5.8	22
SUB TOTAL		2,517.8		6,780.8	670.7	8,721.8	1,941.0		1,247.4	
AGENCY TOTAL		8,430.4		30,457.5	3,070.5	41,662.2	11,184.7		10,923.7	

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					AMOUNT	%				
DEPARTMENT OF THE INTERIOR:										
INDIAN HEALTH SERVICES:										
GETTLE, AK, REPLACEMENT HOSPITAL	11/73	35.0	11/74	50.0			32.0	2.0		01
NATIONAL PARK SERVICES:										
NATIONAL HISTORIC SITES:										
JEFFERSON MEMO, MO	1956	43.5	1955	43.5			44.5	1.1	2.4	5
SAN JUAN, PR	1974	34.9	1974	34.9			53.5	18.7	34	32
NATIONAL HISTORICAL PARKS:										
C & O CANAL, MD, WV AND DC	1971	51.4	1972	52.0			33.4	29.5-	2.9-	0-
COLONIAL, VA	1979	44.2	1979	44.2			41.4	2.8-	2.9-	5-
CUMBERLAND GAP, KY, TN & VA	07/60	40.9	09/52	40.9			40.9			01
NATIONAL LAKESHORES:										
INDEPENDENCE, PA	1957	24.1	1967	24.1			40.4	15.3	.4-	1-
SLEEPING BEAR DUNES, MI	1970	18.8	1974	87.3			48.0	39.3-	1.5-	3-
NATIONAL MONUMENTS:										
BADLANDS, SD	07/60	28.5	07/60	28.5			31.6	3.1	.2	1
NATIONAL PARKS:										
BIG BEND, TX	07/60	35.4	07/50	35.4			38.9	3.5	.3	1
CANYONLANDS, UT	1979	40.0	1979	51.2			52.4	1.2	1.2	2
GLACIER, MT	1967	33.5	1967	33.5			47.9	14.4	2.3-	5-

GRAND CANYON, AZ (APP. III, P. 83)	1967	44.2	1947	44.2	97.4	53.2	120	10.3-	10-	
GRAND TETON, WY	1979	47.1	1979	47.1	45.1	2.0-	4-	2.0-	4-	
GREAT SMOKY MTS, NC, TN	1967	77.5	1967	117.6	54.2	53.4-	54-	6.0	12	
LASSEN VOLCANIC, CA	07/60	28.0	07/50	28.0	34.0	5.0	21	6.4-	14-	
MESA VERDE, CO	1979	47.2	1979	47.2	40.9	5.5-	13-	5.5-	13-	
MOUNT RAINIER, WA	1967	31.2	1967	31.2	42.4	11.2	35	6.2	17	
OLYMPIC, WA	07/79	54.6	09/79	54.6	48.9	13.7-	24-	13.7-	24-	
ROCKY MOUNTAIN, CO	1967	33.7	1967	33.7	39.1	5.4	15	1.1-	3-	
SEQUOIA & KINGS CANYON, CA	1967	28.2	1967	28.2	54.4	26.2	93	3.9-	7-	
SHEENADOAH, VA	1979	35.3	1979	35.3	36.6	1.3	4	1.3	4	
STATUE OF LIBERTY, NY	1979	154.2	1979	154.2	31.5	122.6-	80-	122.5-	80-	
VOYAGEURS, MINN	1979	118.0	1979	118.0	54.3	63.7-	54-	63.7-	54-	
YELLOWSTONE, MT, WY AND ID (APP. III, P. 83)	1967	105.1	1967	105.1	278.8	173.7	155	52.1	23	
YOSEMITE, CA (APP. III, P. 83)	1967	34.9	1967	34.9	153.8	118.9	341	13.5	10	
NATIONAL RECREATION AREAS:										
BIGHORN CANYON, MT (APP. III, P. 83)	1966	11.8	1969	24.3	54.2	29.9	123	4.2-	7-	
GATEWAY, NJ AND NY	1972	92.8	1972	92.8	114.2	21.4	23	5.3-	5-	
GOLDEN GATE, CA	1972	58.0	1972	58.0	58.0					
LAKE MEAD, AZ AND NV	1968	32.2	1968	32.2	53.3	21.1	55	2.4-	4-	
NATIONAL SCENIC RIVERWAYS:										
OZARK, MO	07/66	25.3	07/65	25.3	25.8	.5	2	1.1-	4-	
NATIONAL SEASHORES:										
GULF ISLAND, FL, MS	07/73	34.3	07/73	34.3	45.9	11.5	34	4.3	10	
PARKWAYS:										
BLUE RIDGE, VA, NC AND GA	1968	175.5	1968	175.6	259.4	83.8	44	28.7	12	

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AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE	NOTES
	DATE	AMOUNT	DATE	AMOUNT	AMOUNT	%		
DEPARTMENT OF THE INTERIOR: (CONT.)								
NATIONAL PARK SERVICES: (CONT.)								
PATHWAYS: (CONT.)								
FOOTHILLS, TN	1979	109.7	1979	109.7	118.6	8.9	8	8.9
G. W. MEMORIAL, VA AND MD	1967	46.9	1967	46.9	51.3	4.4	9	9.8
WATCHEZ TRACE, MS, TN AND AL (APP. III, P. 83)	1967	111.6	1967	111.6	357.7	45.1	221	55.4
SUR TOTAL		1,942.6		2,085.5	2,623.0	37.5		53.1-
WATER & POWER RESOURCES SERVICE:								
BRANTLEY PROJECT, NY (APP. III, P. 83)	1972	45.6	1972	45.6	182.2	135.5	300	30.2
CENTRAL ARIZONA PROJECT:								
NAVAJO PARTICIPATION AGREEMENT (POWER PLANT)	1968	115.2	1968	115.2	227.0	113.9	99	
WATER DEVELOPMENT (APP. III, P. 83)	1968	717.0	1968	735.6	1,890.6	1,155.0	157	149.3
CENTRAL VALLEY:								
AUBURN-FOLSOM SOUTH UNIT (WATER CONTROL), CA (APP. III, P. 83)	1965	425.0	1965	425.0	1,441.3	1,015.3	239	180.5
SACRAMENTO RIVER DIVISION (IRRIGATION), CA (APP. III, P. 83)	1950	111.4	1950	111.4	312.2	200.8	190	26.7-
SAN FELIPE DIVISION, CA (APP. III, P. 83)	1967	92.4	10/67	92.4	267.9	175.5	190	52.0

SAN LUIS UNIT (WATER CONTROL), CA	1960	483.1	1960	483.1	154.7	959.0	475.9	99	133.8-	12-
CHIEF JOSEPH DAM:										
OROVILLE-TONASKET UNIT	01/75	39.4	01/75	39.4		50.1	19.7	27	6.4	15
COLORADO RIVER BASIN SALINITY CONTROL PROJECTS:										
GRAND VALLEY UNIT, CO (APP. III, P. 83)	1975	59.0	1975	59.0		215.6	157.5	257	41.4	24
PARADOX VALLEY UNIT, CO (APP. III, P. 83)	1975	16.0	1975	16.0		73.2	57.2	358	10.6	17
POINT SOURCE DIVISION, LAS VEGAS WASH UNIT CONSTRUCTION	1975	49.6	1975	50.2		94.7	44.5	89	33.2	54
TITLE I, CONSTRUCTION (APP. III, P. 83)	1974	155.5	1974	157.7		445.7	289.3	193	105.8	31
COLUMBIA BASIN:										
IRRIGATION FACILITIES (APP. III, P. 83)	1935	925.4	1935	925.4	15.3	2,579.2	1,653.8	179	232.7	10
THIRD POWER PLANT	1965	390.0	1965	390.0		630.0	240.0	62	90.0	17
DRAINAGE AND MINOR CONSTRUCTION PROJECTS:										
ALL AMERICAN CANAL SYS, CA	1928	38.5	1947	56.6		64.5	7.9	14		
BOISE PROJECT, PAYETTE DIV	06/76	25.4	06/76	25.4		26.9	1.5	6	.3	1
GILA, AZ	1947	53.1	1947	53.1		77.8	24.7	47		
KENDRICK, WY	1935	26.4	1935	26.4		35.1	8.7	33	.1	
KLAMATH, CA AND OR (APP. III, P. 84)	1905	4.4	1945	10.5		32.5	22.0	210	.3	1
SAN ANGELO, TX	1957	32.2	1957	32.2		39.1	2.1-	7-		
WASHITA, OK	1956	40.6	1956	40.6		40.5	.1-		9.4	30
WASHOE, CA AND NV (APP. III, P. 84)	1958	52.0	1958	52.0		144.3	92.3	178	15.1	12
FRYINGPAN ARKANSAS PROJECT (WATER CONTROL), CO	1962	170.0	1974	501.0	.9	573.3	72.3	14	40.7	8

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AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
DEPARTMENT OF THE INTERIOR: (CONT.)											
WATER & POWER RESOURCES SERVICE: (CONT.)											
MCSEE CREEK PROJECT, OK	1979	83.2	1979	83.2		105.6	22.4	27	14.3	16	
MOUNTAIN PARK PROJECT (WATER CONTROL), OK	1968	20.0	1968	26.0		39.8	13.8	33	.3	1	
NAVAJO INDIAN IRRIGATION PROJECT, NM (APP. III, P. 84)	1970	205.0	1970	206.0	.2	485.6	279.6	135	98.2	25	
MUEGES RIVER PROJECT (WATER CONTROL), TX	01/74	55.0	01/74	65.0	24.2	105.4	40.4	52	12.2	13	
PALMETTO BEND PROJECT (WATER CONTROL CONSTRUCTION), TX	1968	36.8	1968	36.8		69.3	32.5	88	.5	1	
PICK-SLOAN MISSOURI BASIN PROGRAM:											
AINSWORTH, NE	1972	25.4	1972	25.4		25.1	.3-	1-			
BOSTWICK DIVISION, KS AND NE	1972	50.8	1972	50.8		56.9	6.1	12			
FARWELL UNIT, NE	1972	36.4	1972	36.4		38.3	1.9	5	1.3	3	
FRENCHMAN CAMBRIDGE DIVISION, NE	1972	81.6	1972	81.6		82.7	1.1	1			
GLEN ELDER UNIT, KS	1972	57.4	1972	57.4		55.0	1.4-	2-	.1-		
LOWER MARIAS UNIT (TIBER DAM MODIFICATIONS), MT	06/72	38.7	06/72	38.7		47.3	8.6	22	.2		
NARROWS UNIT, CO	1980	68.1	09/80	203.8		203.8					01
NORTH LOUP DIVISION, NE (APP. III, P. 84)	10/72	79.5	10/72	79.5		160.7	81.2	102	22.1	16	

D'NEILL UNIT, NE	10/72	113.3	10/72	113.3		225.0	112.7	99	29.3	15
POLLOCK-MERREID UNIT, SD	03/76	26.0	03/75	26.0		36.4	19.4	40		
RIVERTON UNIT, WY (APP. III, P. 84)	09/70	12.1	09/70	12.1		39.0	25.3	222		
PICK-SLOAN MISSOURI RIVER BASIN PROGRAM:										
GARRISON DIVERSION UNIT, ND AND SD (APP. III, P. 84)	08/65	207.0	08/53	207.0	.2	965.0	758.0	355	179.3	23
SHOSHONE EXTENSION UNIT, POLECAT BENCH AREA, WY	03/76	46.0	03/75	46.0		71.6	25.6	56	9.1	15
SAN LUIS VALLEY PROJECT, CO (APP. III, P. 84)	04/72	18.2	04/72	18.2		56.9	38.7	213	24.3	75
SOUTH NEVADA WATER PROJ (DRAINAGE), NV (APP. III, P. 84)	1965	81.0	1965	81.9	22.5	171.5	89.5	199	1.5-	1-
TETON BASIN, LOWER TETON DIVISION (WATER CONTROL), ID	1964	52.0	1964	52.0		102.4	50.4	97		
TJALATIN PROJ (WATER CONTROL), OR (APP. III, P. 84)	1966	20.9	1966	20.9	2.1	56.5	35.5	170	.7	1
UPPER COLORADO RIVER STORAGE PROJECT:										
ANIMAS LA PLATA PARTICIPATING PROJECT, CO	1968	115.2	1979	379.6		461.0	81.4	21	81.4	21
CENTRAL UTAH PARTICIPATING PROJECT, BONNEVILLE UNIT, UT (APP. III, P. 85)	1972	420.4	1972	420.4		1,403.0	582.5	234	358.2	34
CENTRAL UTAH PARTICIPATING PROJECT, JENSEN UNIT, UT (APP. III, P. 85)	1972	11.2	1972	11.2		57.9	45.7	417	5.5	11
CENTRAL UTAH PARTICIPATING PROJECT, UPALCO UNIT (APP. III, P. 85)	1972	21.9	1972	21.9		73.2	51.3	234	18.5	34

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AGENCY AND PROJECT	DATE	AMOUNT	DATE	AMOUNT	CURRENT ESTIMATE		TOTAL AMOUNT	INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE	NOTES
					FEDERAL SHARC	NON-FEDERAL		AMOUNT	%		
DEPARTMENT OF THE INTERIOR: (CONT.)											
WATER & POWER RESOURCES SERVICE: (CONT.)											
UPPER COLORADO RIVER STORAGE PROJECT: (CONT.)											
CENTRAL UTAH PROJECT, RECREATION FISH & WILDLIFE FOR BONNEVILLE (APP. III, P. 85)	1972	20.0	1972	20.0	115.7	95.7	479	20.8	22		
DALLAS CREEK PARTICIP PROJ, CO	1968	40.8	1968	40.8	56.9	26.1	54	9.6	17		
DOLORES PARTICIP PROJ, CO (APP. III, P. 85)	1968	53.0	1968	53.0	312.2	59.2	489	78.0	33		
LYMAN PARTICIP PROJ, UT--JY (APP. III, P. 85)	1972	15.4	1972	15.4	32.8	17.4	113	0.9	3		
SAN JUAN-CHAMA PARTICIP PROJ 1962		85.8	1962	85.8	100.6	14.8	17	3.5	4		
SUB TOTAL		6,275.3		7,059.9	16,222.8	9,162.9		1,816.2			
AGENCY TOTAL		8,231.9		9,175.8	18,878.6	9,702.8		1,753.1			
DEPARTMENT OF THE TREASURY:											
INTERNAL REVENUE SERVICE:											
EQUIPMENT REPLACEMENT AND ENHANCEMENT PROGRAM	03/78	210.0	03/78	210.0	217.6	7.5	4	7.5	4		

DEPARTMENT OF TRANSPORTATION:

FEDERAL AVIATION ADMINISTRATION:

FACILITIES AND EQUIPMENT:

AIRPORT SURVEILLANCE RADARS (ASR-4/5/6) REPLACEMENT (APP. III, P. 85)	01/79	154.3	01/79	154.3	440.6	285.3	185	285.3	185	
CATEGORY I ILS FOR SATEL- LITE AIRPORTS	08/77	34.4	08/79	34.4	35.6	2.2	5	2.2	5	
DISCRETE ADDRESS BEACON SYS AUTO TRFC ADVISE & RESOLVE (DABS/ATARS)	10/79	255.0	03/80	451.0	540.1	79.1	17		01	
DUALIZED COMMON DIGITIZERS	04/77	16.1	04/77	16.1	27.7	11.5	72			
FLIGHT SERVICE STATION AUTOMATION	11/75	257.5	11/75	257.5	243.4	14.1-	5-	31.4	15	
FRANGIBLE APPROACH LIGHT TOWERS (APP. III, P. 85)	11/74	32.0	08/75	43.0	147.4	104.4	243	54.7	78	
LONG RANGE RADARS (ASR-3 PROGRAM)	08/69	59.4	02/74	80.1	99.0	18.3	24			
LOW LEVEL WIND SHEAR DETEC- TION SYSTEMS	07/78	28.5	07/79	28.5	38.0	9.5	33	9.5	33	
NATL AIRSPACE DATA INTER- CHANGE NETWORK ENHANCEMENT (NADIN)	06/78	36.6	06/79	36.6	63.3	26.7	73		01	
REPL TUBE TYPE COMMUNICA- TION TRANS/RCVRS & ANTENNA (APP. III, P. 85)	12/78	37.6	12/79	37.6	82.1	44.5	118		01	
UPGRADE AUTOMAT RADAR TERM SYS ARTS III TO ARTS IIIA	09/78	73.4	09/79	73.4	90.9	17.5	24	15.5	21	
VOR/VORTAC REPLACE PROG	06/76	104.0	12/75	104.0	150.7	45.7	45	20.0	15	
GRANTS-IN-AID FOR AIRPORTS:										
ADAP GRANT ANCHORAGE INTERNATIONAL AIRPORT	06/77	35.0	06/77	35.0	1.8	29.4	5.5-	15-	5.5-	15-

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AGENCY AND PROJECT	DATE	AMOUNT	DATE	AMOUNT	CURRENT ESTIMATE		FEDERAL SHARE	TOTAL	INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE	NOTES
					AMOUNT	%					
DEPARTMENT OF TRANSPORTATION: (CONT.)											
FEDERAL AVIATION ADMINISTRATION: (CONT.)											
METRO AIRPORT CONSTRUCTION:											
DULLES ACCESS HIGHWAY EXT TO I-661 SECTION A (APP. III, P. 85)	02/77	19.8	02/77	19.8	46.8			27.0	136		01
RESEARCH AND DEVELOPMENT:											
ADVANCED COMPUTERS	12/80	546.5	02/80	546.5	546.5						01
BEACON COLLISION AVOIDANCE SYSTEM	08/79	37.5	08/79	37.5	56.3			18.8	50	18.8 50	
MICROWAVE LANDING SYSTEM	04/72	91.0	04/72	91.0	102.2			11.2	12	10.4- 9-	
NEXT GENERATION WEATHER RADAR	05/80	42.7	05/80	42.7	42.7						01+02
VOICE SWITCHING CONTROL SYS (APP. III, P. 85)	03/80	24.3	03/80	24.3	51.0			26.7	110		01
SUB TOTAL		1,885.6		2,123.3	1.9		2,834.7	711.4		432.4	
FEDERAL HIGHWAY ADMINISTRATION:											
CARLEEN GAP HIGHWAY (APP. III, P. 85)	12/76	150.0	12/77	150.0	125.0			375.0	150	225.0 150	
EMERGENCY RELIEF PROGRAM:											
DAUPHIN ISLAND BRIDGE REPL (SR-163)	03/80	32.0	03/80	32.0	32.0						01
HOOO CANAL BRIDGE REPL (SR-184)	08/80	219.0	08/80	219.0	45.5			219.0			01

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AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		TOTAL AMOUNT	INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	AMOUNT	%	YEARLY CHANGE	NOTES
	DATE	AMOUNT	DATE	AMOUNT						
DEPARTMENT OF TRANSPORTATION: (CONT.)										
URBAN MASS TRANSPORTATION ADMINISTRATION: (CONT.)										
MASS TRANSIT GRANTS:										
ALLEGHENY CO PORT AUTH - EARLY ACTION PROGRAM (PA-03-0012)	06/70	228.6	06/70	228.6	49.9	183.5	45.1-	20-	15.3	10
ALLEGHENY CO PORT AUTH - WOODCREST STA CARS & EQUIP (IT-03-0010)	06/73	34.9	06/73	34.9	26.3	61.2	25.3	75		
ATLANTA METRO RAPID TRANS- DIST - SUBWAY PHASE A (GA-03-0008)	06/73	1,000.0	06/73	1,000.0	256.9	1,066.9	66.9	7		
BALTIMORE RAPID RAIL SYS - MD TRANS DEPT (MD-03-0004)	10/72	556.0	10/72	656.0	148.8	721.5	55.5	10		
CALIF S RAPID TRANS DIST - BUY PROPERTY & REHAB BUSES (CA-03-0090)	06/74	35.1	05/74	36.1	8.1	40.7	4.5	13		
CALIF S RAPID TRANS DIST - IMPROVE BUS SYS (CA-03-0132)	02/78	47.3	02/78	47.3	9.5	47.3				
CHICAGO SO MASS TRANS DIST RAIL CARS, STA & TERMINUS (IL-03-0023)	01/73	38.3	01/73	38.3	13.5	40.4	2.1	5		
CHICAGO TRANS AUTH - BUSES, RAIL CARS & EQUIP (PHASE II) (IL-03-0040)	06/74	184.7	06/74	184.7	43.0	218.1	33.4	18	11.3	5
CHICAGO TRANS AUTH - CTA REHAB PROGRAM (IL-03-0062)	09/76	50.0	09/75	50.0	15.0	80.0	20.0	33	12.3	18

CHICAGO TRANS AUTH - O'HARE EXT (IL-03-0045)	09/78	150.0	09/79	150.0	36.5	192.3	32.3	22	32.3	22	
CHICAGO TRANS AUTH - SJBUR- BAY COMMUTER RAIL REHA3 PRO- GRAM (IL-03-0065)	09/77	58.4	09/77	58.4	6.5	63.4	5.0	9	5.0	9	
CHICAGO TRANS AUTH - SJBUR- BAY COMMUTER RAIL REHA3 PRO- GRAM (IL-03-0073)	09/78	25.0	09/80	142.6	28.6	142.6			94.3	195	11
CHICAGO TRANS AUTH - SYSTEM MOD-PHASE 1 (IL-03-0024)	09/78	132.8	09/79	132.8	49.3	156.5	23.7	18	.4		
CHICAGO TRANS AUTH - SYSTEM MOD-PHASE 2 (IL-03-0065)	09/78	35.9	09/80	119.1	23.9	119.1			83.2	232	11
CHICAGO TRANS AUTH - 300 NEW CARS (IL-03-0069)	09/78	78.3	08/80	143.0	28.7	143.0			57.2	67	11
CLEVELAND RAPID TRANS AUTH IMPROVEMENT PROGRAM (OH-03-0054)	01/77	125.6	09/80	355.3	70.8	355.3			190.2	115	11
CONN TRANS DEPT - BUY BUSES (CT-03-0016)	02/76	36.9	02/75	36.9	10.2	36.9					
DADE COUNTY-CONSTRUCT RAPID TRANSIT SYSTEM (FL-03-0036)	05/78	632.0	05/79	632.0	196.4	866.8	234.8	37	234.8	37	
DENVER REG TRANS DIST - BUS SYSTEM IMPROVEMENT (CO-03-0010)	04/78	58.0	04/78	58.0	11.6	58.0					
ILLINOIS REG TRANS AUTH - COMMUTER CARS & LOCOMOTIVES (IL-03-0049)	03/76	41.8	03/75	41.8	9.7	48.4	5.5	15	8.3	21	
MASS BAY TRANS AUTH - POWER SYS MOD (MA-03-0019)	09/78	59.1	09/79	59.1	13.9	59.3	10.2	17	10.2	17	
MASS BAY TRANS AUTH - RAPID RAIL CARS & EQUIP (MA-23-0002)	06/75	53.4	06/75	53.4	15.3	76.4	23.0	43			
MASS BAY TRANS AUTH - RED LINE BRAINTREE EXT (MA-23-0001)	10/74	28.8	10/74	28.8	11.3	56.7	27.9	97			

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AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (+) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
DEPARTMENT OF TRANSPORTATION: (CONT.)											
URBAN MASS TRANSPORTATION ADMINISTRATION: (CONT.)											
MASS TRANSIT GRANTS: (CONT.)											
MASS BAY TRANS AUTH - RED LINE-ALEWIFE EXT (MA-23-9008)	09/78	309.0	09/78	309.0	75.8	434.1	125.1	40			
MASS BAY TRANS AUTH - RELOCATE ORANGE LINE (MA-23-9007)	07/78	669.0	07/78	659.0	32.3	196.6	472.4-	71-	115.3	142	
MASS BAY TRANS AUTH - SO COVE TUNNEL (MA-23-9005)	04/76	36.3	04/75	36.3	5.7	33.7	2.5-	7-			
MASS BAY TRANS AUTH - SO QUINCY STA & PARK FACIL (MA-03-0049)	06/76	26.3	06/75	26.3	5.5	27.6	1.3	5	1.3	5	
MASS BAY TRANS AUTH - UPGRADE GREEN LINE (MA-03-0015)	02/72	49.6	02/72	49.6	18.5	67.8	18.2	37			
MASS BAY TRANS AUTH - VEHICLES FOR GREEN LINE (MA-03-0022)	09/72	49.2	09/72	49.2	20.2	72.7	23.5	48	4.4	6	
MICH SE TRANS AUTH-BUSES & EQUIP (MI-03-0030)	12/74	26.9	12/74	26.9	5.2	26.9			1.3	5	
MISS RIVER BRIDGE AUTH - FERRIES & TERMINAL (LA-03-0012)	02/74	26.5	02/74	26.5	5.1	26.5			1.0	4	
N JERSEY TRANS DEPT - BUY BUSES (NJ-03-0015)	01/75	47.3	01/75	47.3	15.0	75.0	27.7	59			

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APPENDIX II

APPENDIX II

N JERSEY TRANS DEPT - NEW CARS & ELECTRIC SVC NY & LR (CONRAIL) (NJ-03-0716)	03/77	137.5	03/77	137.5	25.7	128.7	8.8-	5-	8.8-	6-
N JERSEY TRANS DEPT - REMAP ERIE LACAMANA RR & PUY RAIL CARS (NJ-03-0714)	12/74	307.4	12/74	307.4	54.2	255.9	50.3-	16-	34.1-	17-
NEW YORK CITY TRANS AUTH - ARCHER AVE SUBWAY (SEC 283) (NY-03-0051)	06/74	237.7	06/74	237.7	179.5	485.8	229.1	89	217.5	81
NEW YORK CITY TRANS AUTH - BUSES & FACIL (NY-03-0001)	06/74	47.3	06/74	47.3	14.2	47.2	0.1-		0.1-	
NEW YORK CITY TRANS AUTH - CAPITAL IMPROVEMENTS EXIST ROUTES (NY-03-0095)	03/76	404.8	03/75	404.8	183.7	457.5	52.7	13		
NEW YORK CITY TRANS AUTH - E 63 ST CONST (NY-03-0045)	06/73	754.0	06/73	754.0	300.8	784.0	30.0	4	25.4	3
NEW YORK CITY TRANS AUTH - STATEN ISLAND FERRIES (NY-03-0017)	05/74	28.0	05/74	28.0	5.4	32.0	4.0	14		
NEW YORK METRO - IMPROVE L- ISLAND-PENN CENTRAL RR (NY-03-0085)	11/75	35.0	11/75	35.0	7.4	32.1	2.3-	8-	2.9-	6-
NEW YORK METRO TRANS AUTH - EXTEND & REHAB LONG ISLAND RR (NY-03-0035) (APP. III, p. 65)	02/74	250.0	02/74	250.0	195.3	858.2	608.2	243		
NEW YORK METRO TRANS AUTH - IMPROVE COMMUTER RAIL (NY-03-0095)	05/78	48.3	05/79	48.3	19.0	94.8	45.5	96	24.5	35
NEW YORK TRANS AUTH - EJV SUBWAY CARS (NY-03-0045)	03/72	213.5	03/72	213.5	142.2	215.4	1.9	1	1.9	1
NIAGARA FRONTIER TRANS AUTH - MAIN ST LIGHT RAIL RAPID TRANS (NY-03-0072)	09/78	449.0	09/79	449.0	89.0	449.0				
PENN SE TRANS AUTH - MOD PHASE II (PA-03-0032)	04/76	33.3	04/75	33.3	5.4	32.1	1.2-	4-		
PENN SE TRANS AUTH - PHILA. BUSES & EQUIP (PA-03-0032)	03/72	36.5	03/72	36.5	15.3	52.1	15.5	43		

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT	%	
DEPARTMENT OF TRANSPORTATION: (CONT.)											
URBAN MASS TRANSPORTATION ADMINISTRATION: (CONT.)											
MASS TRANSIT GRANTS: (CONT.)											
PENN SE TRANS AUTH - SYSTEM WIDE IMPROVEMENTS (PA-23-0011)	06/74	156.0	06/74	156.0	48.0	240.2	84.2	54	55.4	31	
PHILA CITY - BROAD ST SUBWAY CARS (PA2390220050)	09/78	43.4	08/80	79.0	19.0	95.1	15.1	23	25.0	36	11
PHILA CITY - CENTER CITY COMMUTER CONNECTION & STA (PA-03-0013)	06/75	300.0	06/75	300.0	60.0	300.0			103.7	53	
PHILA CITY - RELOCATE POR- TION FRANKFORD ELEV STRUCT (PA-03-0036)	10/72	28.9	10/72	28.9	7.7	28.8	.1-				
PHILA CITY - SPEED LINE TO AIRPORT (PA-03-0043)	06/74	44.2	06/74	44.2	15.3	81.3	37.1	84	12.5	18	
SAN FRANCISCO - ADD'L VEHI- CLES & SYS IMPROVEMENTS (CA-03-0078)	06/74	50.5	06/74	50.5	11.3	56.3	5.8	11	.1-		
SAN FRANCISCO - SURWAY, SUR- FACE RAIL SYS & FACILITIES (CA-03-0043)	10/71	45.0	10/71	46.0	22.5	84.4	39.4	93			
SAN FRANCISCO BRIDGE TRANS DIST - BUS, FERRY & EQUIP (CA-03-0036)	12/71	51.2	12/71	51.2	15.8	54.3	3.1	6			
SEATTLE METRO BUS PLAN IM- PLEMENTATION (WA-03-0016)	05/74	122.1	05/74	122.1	35.1	175.9	53.8	44	2.7-	2-	

TWIN CITIES METRO TRANS										
COMM NEW BUSES, CAP IMPROV										
PROC (MN-01-0015)										
	03/72	25.6	03/72	27.1	9.0	27.1				
WASH METRO TRANS AUTH - BUY										
BUSES & EQUIP (IT-13-0019)										
	01/73	106.2	01/73	106.2	33.9	106.2				
SUB TOTAL		9,162.4		9,674.7	2,809.5	11,115.6	1,420.9		1,277.3	
AGENCY TOTAL		52,002.7		52,772.7	17,857.9	157,338.5	104,555.3		13,495.8	
DISTRICT OF COLUMBIA GOVERNMENT:										
D. C. UNIVERSITY										
	1968	111.0	03/77	69.9	86.2	86.2	15.3	23		
MUNICIPAL OFFICE BUILDING										
	1977	35.0	1977	35.0	41.7	41.8	5.3	19	5.3	19
TRUNK WATER MAINS SPEC PROJECT										
	1967	40.0	03/78	44.1	61.2	61.2	17.1	39	2.0	3
WASHINGTON AQUEDUCT:										
MC MILLIAN WATER TREATMENT										
PLANT REPLACEMENT										
	1972	33.5	1972	33.5	50.4	50.5	17.0	51	14.0	38
WASH WATER AND BASIN SLUDGE										
DISPOSAL										
	1977	27.0	1977	27.0	27.0	27.0				
SUB TOTAL		60.5		60.5	77.4	77.5	17.0		14.0	
WASHINGTON CIVIC CENTER										
	06/78	109.0	09/78	98.7	98.7	98.7				
AGENCY TOTAL		355.5		308.2	355.2	365.4	57.2		22.8	
ENVIRONMENTAL PROTECTION AGENCY:										
CONSTRUCTION GRANTS FOR										
WASTEWATER TREATMENT WORKS:										
ALABAMA:										
DECATUR STP										
	03/79	31.2	09/80	31.8	7.9	32.2	.4	1	.5	2
MONTGOMERY-NEW CATOMA WWTP										
	05/77	28.8	09/77	28.8	7.2	28.8				
ALASKA:										
KETCHIKAN WWTP										
	06/79	22.4	09/80	25.2	6.5	26.4	1.2	5		
ARIZONA:										
FLAGSTAFF #1 WWTF										
	09/79	23.6	09/79	23.6	9.4	35.2	11.5	49		
PIMA WWTF										
	06/75	28.4	06/75	28.4	7.5	29.9	1.5	5	.3	1

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ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE DATE	ORIGINAL ESTIMATE AMOUNT	CURRENT ESTIMATE		TOTAL AMOUNT	INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE AMOUNT	NOTES
			FEDERAL SHARE	NON-FEDERAL SHARE				
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)								
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)								
ARIZONA: (CONT.)								
ROGER RD (TUCSON) WWTP	07/79	27.9	07/79	31.6	8.4	33.4	1.8	5 4.8 17
ARKANSAS:								
HOT SPRINGS STP	05/73	19.2	09/80	35.9	11.3	47.7	11.8	33 19.5 69
CALIFORNIA:								
ALISO WATER ASSN WWTF	09/79	53.1	09/79	53.1	13.7	54.7	1.5	3
BAKERSFIELD #2 WWTF	06/79	25.0	05/79	26.0	7.5	27.2	1.2	5
BAYSIDE SOUTH WWTF	09/78	44.5	09/78	44.5	13.4	53.8	9.3	21
CHINO BASIN #3 WWTF	10/77	27.8	10/77	27.8	8.2	30.5	2.7	10
CONTRA COSTA CO CENTRAL WWTF	09/78	73.6	04/80	73.6	18.2	71.9	1.7-	2-
CONTRA COSTA COUNTY EAST	11/78	52.5	06/80	52.5	12.4	52.0	.5-	1-
EAST BAY DISCHARGERS AUTHORITY (AREAWIDE FACILITY)	04/78	146.8	04/78	146.8	25.0	110.9	35.9-	24-
EAST BAY MUN UTIL WWTF	09/76	45.9	05/79	78.0	21.5	85.1	7.1	9 31.1 58
ENCINA JOINT POWERS WWTF	08/80	47.7	08/80	47.7	11.4	45.4	2.3-	5-
FAIRFIELD SUISU WWTF	06/73	9.3	08/74	18.6	6.9	27.4	8.9	47 .3 1
FRESNO REGIONAL FACILITY	06/73	18.0	03/74	33.7	9.3	35.8	2.1	6 2.0 6

HUMBOLDT BAY REGIONAL FACILITY	03/74	19.5	10/75	46.3	11.8	47.2	.9	2		
LAS VIRGENES TAPIA WWT	11/79	71.8	11/79	31.8	9.4	38.4	5.6	21		
LOS ANGELES (TERMINAL ISLAND TREATMENT PLANT)	11/75	28.7	09/79	35.8	10.6	42.5	6.7	19	2.7	7
LOS ANGELES HYPERION WWT	01/80	15.2	01/80	15.2	10.9	28.1	12.9	85		
LOS ANGELES JOINT WWT	06/78	149.0	08/80	195.9	48.4	195.9	1.0-	1-	55.0	50
LOS ANGELES SAN JOSE CREEK	07/80	32.9	07/80	32.9	7.8	31.3	1.6-	5-		
LOS ANGELES SEPULVEDA WWT	07/80	89.2	07/80	99.2	22.3	89.2				
MONTEREY PENINSULA WWT	09/79	48.7	09/79	48.7	13.6	54.3	5.6	11		
ORANGE COUNTY SANITARY DIST WWT #1	08/78	117.8	09/79	170.6	45.7	156.9	13.7-	9-	34.6	53
OXNARD WTP	02/74	26.6	11/78	24.7	7.0	26.5	1.8	7		
RIVERSIDE CITY WWT	10/79	25.1	10/79	25.1	7.4	29.6	4.5	18		
SACRAMENTO REG. CNTY WWT	04/74	225.1	07/80	374.7	97.4	391.3	15.6	4	17.3	5
SAN DIEGO PT LOMA WWT	08/80	33.2	08/80	33.2	12.7	34.7	1.3	5		
SAN FRANCISCO N POINT WWT	07/78	38.4	07/78	38.4	6.9	27.5	10.9-	28-		
SAN FRANCISCO RICHMOND SUNSET WWT	10/79	112.2	10/79	112.2	33.3	132.1	19.9	18		
SAN FRANCISCO SE WWT	08/80	375.8	08/80	375.8	55.0	264.2	111.6-	30-		
SAN FRANCISCO SW WTP	04/80	190.6	04/80	190.6	31.8	207.0	15.4	9		
SAN JOSE/SANTA CLARA WWT	06/75	64.3	08/75	91.0	31.5	95.2	4.2	5	24.9	36
SANTA BARBARA WWT	04/74	29.6	08/80	31.8	8.0	31.9	.1		.2	1
SANTA ROSA W. COLLEGE WWT	09/77	35.8	09/77	35.8	9.6	38.4	2.5	7	6.4-	14-
STOCKTON REGIONAL WWT	04/78	16.6	10/78	25.6	11.4	44.7	19.1	75	9.4	27
TAHOE-TRUCKEE WWT	02/73	28.4	09/78	33.9	8.2	32.9	1.0-	3-		
COLORADO:										
METROPOLITAN DENVER SEWAGE DISPOSAL DISTRICT #1	03/74	70.9	08/79	72.8	40.6	80.4	7.6	10	1.9	2

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
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AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE	NOTES
	DATE	AMOUNT	DATE	AMOUNT	AMOUNT	%		
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)								
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)								
CONNECTICUT:								
BRIDGEPORT WEST-SIDE STP	08/77	56.1	08/77	55.1	18.4	3.9	7	
GROTON STP	09/77	20.2	09/77	20.2	12.5	5.9	34	
MATTABASSETT SEWER DISTRICT STP	09/77	21.6	09/80	43.6	20.7	11.2	26	26.2 92
MERIDEN STP	03/80	48.9	03/80	48.9	14.4	2.3	5	
METROPOLITAN DISTRICT COMMISSION-HARTFORD	08/77	34.9	08/77	34.9	14.8	1.6	5-	.1-
NEW HAVEN, EAST HAVEN, HAMDEN-EAST SHORE STP	09/77	53.1	08/80	53.4	17.2	4.5	7-	2.0 4
NEW LONDON, WATERFORD STP	03/76	43.9	09/80	49.4	12.8	1.3	3-	5.5 13
NORWALK, WILTON STP	09/77	29.0	09/77	29.0	10.7	4.9	17	1.1 3
NORWICH STP	06/79	30.1	06/79	30.1	9.0	.8	3	
STRATFORD STP	03/77	33.9	08/79	33.9	12.8	3.7	11	
WATERBURY, MIDDLEBURY, WALLCOTT WATERTOWN STP	09/77	21.3	12/79	21.4	9.0	3.5	17	.2 1
DELAWARE:								
DOVER-KENT CO REGL STP	09/78	30.0	09/78	30.0	10.9	3.7	12	.9 2
SUSSEX CO-SO COAST REGL STP	06/76	15.4	06/75	15.4	6.9	11.4	74	
WILMINGTON-NEW CASTLE CO STP	09/77	56.6	09/77	56.6	36.5	59.4	98	2.2 2

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DISTRICT OF COLUMBIA									
FLORIDA:									
DCT WSSC, WOLFBAIRN CO., VA (BLUE PLAINS)									
06/78									
515.7	06/78	515.7	06/78	150.4	553.1	37.4	7	14.5	3
GEORGIA:									
87.7	05/80	87.7	05/80	32.1	107.6	19.3	23	2.0-	3-
06/77	06/77	06/77	06/77	06/77	06/77	06/77	06/77	06/77	06/77
15.9	08/80	18.5	08/80	7.8	31.2	12.7	59	3.5	13
26.6	12/72	26.6	12/72	6.7	27.3	.7	3		
38.1	12/75	38.1	12/75	12.5	51.8	13.7	35	1.7	3
64.9	06/73	64.9	06/73	43.4	72.2	7.3	11		
23.3	08/75	23.3	08/75	7.4	29.7	5.4	27		
82.0	11/79	58.7	14.9	59.4	.7	1	29.7-	33-	
154.3	09/73	154.3	09/73	42.5	170.7	16.4	11	7.4	5
97.9	03/80	147.3	3.7	149.6	2.3	2	49.4	49	
51.9	08/77	51.9	08/77	51.9	68.0	15.1	31		
55.4	09/73	55.4	09/73	15.4	63.1	7.7	14	1.8	3
15.5	06/75	16.5	5.5	25.4	9.3	50			
22.9	09/80	24.8	11.5	46.4	21.5	87	7.8	20	
89.3	09/80	91.0	34.2	137.0	46.0	51	1.7	1	
74.0	11/73	74.0	29.2	75.9	1.3	3			
55.0	10/75	55.0	19.7	64.3	9.3	17	1.2	2	
74.4	05/79	36.1	13.1	39.4	3.3	9	37.2-	49-	
38.1	09/80	38.3	12.8	38.3			13.7-	26-	
32.1	06/75	42.2	14.3	43.1	.3	2	.1		

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
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(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE DATE	ORIGINAL ESTIMATE AMOUNT	CURRENT ESTIMATE DATE	CURRENT ESTIMATE AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE	NOTES
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)									
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)									
MAJAAI:									
HONOLULU SAND ISLAND SYS	12/73	59.4	03/79	70.6	25.8	96.7	20.1	28	7.7 9
HONOLULU WUTF	12/73	52.0	08/80	56.4	10.3	41.3	25.1	38	24.4- 37-
IL-INOIS:									
AURORA SANITARY DIS STP	09/78	45.1	09/79	46.1	10.2	44.4	1.7	4-	
GLEN ELLYN-GLENBARD STP	05/78	45.2	05/79	45.2	10.3	41.1	4.1	9-	
MSD OF GREATER CHICAGO CALUMET WUTF	09/78	183.5	09/79	183.5	50.8	203.2	19.7	11	3.4 2
MSD OF GREATER CHICAGO JOHN EGAN WUTF	08/75	61.8	02/80	67.3	28.4	71.7	4.4	7	6.4 10
MSD OF GREATER CHICAGO O'HARE WUTF	09/77	193.2	05/80	207.1	53.5	214.2	7.1	3	9.0 4
MSD OF GREATER CHICAGO USH WUTF	09/78	882.5	09/80	915.9	295.1	1,015.9	235.0	26	38.4 3
NORTH SHORE SANITARY DISTRICT (CLAVEY ROAD STP)	04/72	38.6	04/72	38.6	31.5	74.0	35.4	92	
NORTH SHORE SANITARY DISTRICT (MAUKEGAN STP)	04/72	22.4	04/72	22.4	18.1	39.3	15.9	75	
ROCKFORD SD STP	10/77	50.3	09/80	54.0	13.5	54.1	9.9	15-	14.1 35
URBANA, CHAMPAIGN SD NE STP	09/77	37.4	09/77	37.4	10.0	36.8	.5	2-	.3- 1-
WOODRIDGE WUTF	09/80	25.6	09/80	25.6	6.3	26.0	.4	2	

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INDIANA:												
FORT WAYNE-LEO-CEDARVILLE RSD, MAYSVILLE RSD-STP	05/77	29.0	09/80	80.8	24.1	95.0	14.2	18	51.8	120		
SARY SD, INDEPENDENCE HILL CO, MERRILLVILLE CO, STP	09/77	75.5	09/80	106.9	24.7	108.1	1.2	1	38.7	56		
INDIANAPOLIS-BELMONT WTP	07/78	178.8	08/80	180.0	33.5	134.2	45.9-	25-	.3	1		
INDIANAPOLIS-SOUTHPORT WMTF	07/78	152.4	07/79	152.4	23.4	101.2	51.2-	34-				
RICHMOND SD WMTF	09/79	39.9	09/79	39.9	9.9	39.5	.4-	1-	1.7-	4-		
IOWA:												
CEDAR RAPIDS	05/78	55.1	05/79	56.1	17.8	71.3	5.2	8				
DAVENPORT	12/75	40.2	12/75	49.2	11.3	47.2	7.0	17				
KENTUCKY:												
CAMPBELL-KENTON COUNTIES SD#1 DRY CREEK WMTF	12/75	81.3	12/75	91.3	17.3	69.1	12.2-	15-	.1-			
HOPKINSVILLE WMTF	02/80	19.9	05/80	36.1	9.2	35.8	.7	2				
LEXINGTON-FAYETTE W. HECKMAN WMTF	11/77	13.4	09/80	30.7	7.8	31.2	.5	2				
LOUISVILLE-JEFFERSON COUNTY WSD (MORRIS FOREMAN WTP)	06/75	52.5	06/75	52.5	31.3	70.7	18.2	35	.7	1		
LOUISVILLE-JEFFERSON COUNTY WSD WEST COUNTY WMTF	01/74	101.9	09/79	80.5	16.0	64.1	15.4-	20-				
LOUISIANA:												
NEW ORLEANS-EAST BANK STP	05/75	54.7	05/75	54.7	16.0	64.0	9.3	17	.2			
SHREVEPORT-LUCAS STP	01/73	41.6	09/73	41.6	12.2	48.8	7.2	17				
MAINE:												
PORTLAND WMTF	06/75	47.7	11/79	50.8	13.5	54.0	3.2	5	.3	1		
MARYLAND:												
BALTIMORE (PATAPSCO)	06/78	153.3	09/79	149.9	55.5	202.5	52.7	35	9.5-	5-		
BALTIMORE CO BACK RIVER WMTF	09/78	99.4	09/79	91.0	33.9	96.5	5.5	4	32.7-	25-		
CHARLES CO MATTANOMAN WMTF	09/77	27.8	05/80	27.9	20.7	47.5	19.5	70	2.7	6		

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
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						AMOUNT	%		
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)									
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)									
MARYLAND: (CONT.)									
HOWARD CO-SAVAGE WTP	09/78	52.7	09/80	16.8	58.7			5.6	11
WSSC-DISCATWAY	09/77	55.3	09/77	19.5	55.2	9.9	15	1.9	3
WSSC-WESTERN BRANCH	09/77	33.1	09/77	8.9	35.4	2.3	7	1.6	5
MASSACHUSETTS:									
ATTLEBORO WUTF	08/77	31.7	08/77	8.3	31.7				
BOSTON MDC DEER ISLAND STP	05/78	112.1	03/80	41.6	124.2	8.1	7	9.9	9
BOSTON MDC NUT ISLAND STP	08/77	33.4	03/80	14.2	40.6	3.8	10	4.6	13
BROCKTON STP	06/79	55.5	06/79	15.4	55.0	.5-	1-		
CHARLES RIVER POL CON DIST WEDWAY & FRANKLIN	08/77	34.6	04/79	7.8	31.0	3.6-	10-		
FALL RIVER STP	07/79	55.9	07/79	15.5	59.4	1.9	3	.5	1
GREATER LAWRENCE SANITARY DISTRICT WUTF	08/77	72.8	08/77	15.3	61.4	15.9-	21-	4.5	8
HAVERHILL GROVELAND WUTF	07/77	36.4	07/77	7.7	30.5	3.8-	15-	1.2-	4-
LEOMINSTER STP	06/79	26.6	06/79	7.4	24.3	.4-	1-		
LOWELL WUTF	08/77	100.0	10/78	25.0	99.3	.7-	1-		
LYNN WUTF	03/80	56.4	03/80	14.1	56.4				

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NORTHAMPTON & WILLIAMSBURG STP	03/79	30.8	03/79	51.0	9.2	31.1	.1	.1	
PALMER, MONSON, BELMERTOWN (PALMER WWTP)	08/77	25.2	08/77	26.2	3.0	27.6	1.4	5	
SOUTH ESSEX SD WWTP	09/78	70.8	11/79	79.6	23.7	80.3	.7	1 2.5 3	
SPRINGFIELD WWTP	08/77	86.8	08/79	86.8	21.8	75.3	11.5-	13- 4.1 6	
UPPER BLACKSTONE WATER POLLUTION DISTRICT	09/78	45.4	01/80	58.6	14.2	53.7	4.3-	9- 13.3 13	
MICHIGAN:									
BAY CITY STP	08/77	59.2	07/80	59.7	17.5	79.0	10.3	17 1.4 2	
BAY CO-LINWOOD SD#1 STP	12/77	48.3	12/77	48.3	15.4	51.4	13.1	27 .2	
CALHOUN CO-BATTLE CREEK STP	12/78	37.0	06/80	66.7	21.5	85.8	19.1	29 30.5 55	
DETROIT SERVICE AREA	04/78	574.7	09/80	689.5	214.1	676.6	12.3-	2- 15.3 5	
FLINT, GENESEE CO-METRO WWTP	01/78	104.5	01/79	104.5	32.1	128.4	23.9	23 .7 1	
GENESEE COUNTY MONTROSE DISTRICT #2 WWTP	08/72	43.4	01/80	43.4	22.5	50.0	4.6	15 1.4 3	
GRAND RAPIDS WWTP	01/78	51.1	08/80	52.8	13.5	54.3	8.3-	14- 2.3 4	
JACKSON COUNTY WWTP	01/78	68.4	11/79	68.4	17.6	65.2	3.2-	5- 7.9- 11-	
KALAMAZOO WWTP	06/80	85.5	08/80	86.5	19.7	87.5	1.0	1	
LANSING WWTP	06/73	24.0	08/80	24.6	8.9	35.7	11.1	45 2.7 8	
LAPIER WWTP	09/80	47.2	09/80	47.2	11.8	47.3	.1		
LENAWEE COUNTY-ADRIAN WWTP	09/77	22.2	09/80	22.8	8.5	33.8	11.0	48 .3 1	
MONROE COUNTY WWTP	06/76	35.7	06/75	35.7	7.1	28.5	7.2-	20-	
MUSKEGON CO-METRO WWTP	08/77	51.3	04/80	50.6	30.8	70.8	20.2	49 .4- 1-	
JASHTENAW CO-ANN ARBOR WWTP	09/77	47.4	09/77	47.4	13.9	55.6	9.2	17 .3 2	
JASHTENAW CO-YPSILANTI WWTP	09/77	60.2	09/77	60.2	16.8	67.3	7.1	12 .1	
JAYNE COUNTY (WYANDOTTE)	09/77	119.7	09/77	119.7	40.9	141.1	21.4	18 21.4 18	
MINNESOTA:									
ALBERT LEA WWTP	09/79	34.1	09/79	34.1	7.6	34.2	.1		

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			AMOUNT	NON-FEDERAL SHARE				
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)								
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)								
MINNESOTA: (CONT.)								
ROCHESTER WWT	09/79	55.8	09/80	54.2	13.9	58.1	3.9	7 4.0 7
TWIN CITIES AREA METRO SEWER BOARD, BLUE LAKE STP	05/78	32.8	08/80	33.1	12.5	30.8	2.3-	7- 1 .2 1
TWIN CITIES AREA METRO SEWER BOARD, PIGEY LAKE STP	09/78	307.2	09/90	337.1	30.0	342.6	5.3	2 24.0 8
WESTERN LAKE SUPERIOR SANITARY DISTRICT WTP	09/78	100.1	11/78	99.2	25.8	107.1	7.9	8
MISSISSIPPI:								
JACKSON WTP	09/78	59.7	08/90	59.3	21.9	105.3	35.0	52 7.1 7
MISSOURI:								
COLUMBIA WTP	01/79	40.3	09/80	40.3	11.0	45.2	5.9	15
LITTLE BLUE RIVER SEWER DISTRICT, INDEPENDENCE	09/77	107.6	03/80	125.8	34.3	128.4	2.5	2 20.2 19
METROPOLITAN ST. LOUIS SEWER DISTRICT (LEMAI WTP)	09/78	48.2	06/80	80.0	29.1	115.2	36.2	45 48.7 72
SPRINGFIELD SOUTHWEST WTP	12/72	25.7	12/72	25.7	17.4	41.5	15.8	51
ST. JOSEPH, MO	06/77	16.4	06/77	16.4	7.8	31.1	14.7	90
NEBRASKA:								
OMAHA-MO RIVER WWT	11/79	25.4	11/79	25.4	3.5	28.6	3.2	13

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APPENDIX II

APPENDIX II

Location	Date	25.3	07/74	26.3	15.5	49.1	22.3	97	0.4	1
OHAMA-PAPILLION CREEK JIP										
NEVADA:										
CLARK COUNTY SANITATION DIST WWT	12/75	51.0	12/75	51.0	15.2	54.8	13.9	27	.4	1
RENO STEAD WWT	09/78	24.1	09/73	24.1	5.7	27.2	3.1	13		
NEW HAMPSHIRE:										
CONCORD WWT	06/79	34.8	06/73	52.6	13.2	52.5			17.6	50
FRANKLIN-WINWIPESAJKEE RIVER BASIN WWT	04/75	55.0	03/80	63.1	15.5	60.8	2.3-	4-	2.7	5
MANCHESTER WWT	02/73	22.8	11/75	28.6	9.4	35.5	7.3	2A	.9-	2-
NEW JERSEY:										
ATLANTIC CO SA GALLOWAY TWP MUA COASTAL STP	01/78	74.3	11/73	74.3	28.0	112.2	37.3	51	.7-	1-
BERGEN CO CARLSTADT SA, E. RUTHERFORD SA STP	01/77	83.3	09/79	95.6	52.0	97.0	1.4	1	1.7	2
CAPE MAY CO MUA STP	09/79	50.4	09/80	52.0	13.7	54.7	2.7	5	2.4	5
ESSEX CO UNION CO, ELIZABETH CITY JOINT MEETING	05/77	57.6	09/80	58.1	15.6	62.4	4.3	7	.1	
EDING LAURENCE WWT	01/77	19.3	09/80	26.5	6.6	26.5				
GLOUCESTER CO SA STP	03/71	19.0	03/71	19.0	8.5	34.5	15.5	82		
HAMILTON TWP STP	09/79	32.8	09/79	32.8	7.4	29.7	3.1-	9-		
MIDDLESEX CO CRAWBURY TOWN-SHIP SA	08/75	221.8	09/73	189.6	154.3	235.5	45.9	24	3.5-	4-
OCEAN CO CENTRAL STP	09/78	214.6	09/79	205.8	55.4	202.0	3.8-	2-	.1	
OCEAN CO NORTHERN STP	02/76	152.2	05/80	152.3	38.1	152.5	.2		.1	
OCEAN CO SOUTHERN STP	08/77	75.2	09/80	82.4	27.3	109.1	25.7	32	7.2	7
PARSIPPANY/TROY HILLS TWP	02/77	70.2	02/77	70.2	19.1	76.5	5.3	9		
PASSAIC VALLEY CO NORTH HALEDON STP	08/77	359.2	08/80	440.5	112.4	437.1	3.4-	1-	75.9	21

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	DATE	AMOUNT	DATE	AMOUNT				
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)								
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)								
NEW JERSEY: (CONT.)								
PEQUANNUICK, LINCOLN PARK, FAIRFIELD, TWO BRIDGES STP	09/77	54.7	09/77	18.3	73.3	8.5	13	
ROCKAWAY VALLEY REGIONAL SA	09/76	24.6	06/80	5.7	26.9		2.4	10
SOUTH MUMMOUTH REGIONAL SA	01/78	38.9	06/80	10.6	42.2	2.5	7	.5 1
STONY BROOK REGIONAL SA, HOPEWELL, PENNINGTON STP	09/77	44.6	05/80	11.2	44.8	.3-	1-	.5 1
SUSSEX CO UPPER WALLKILL	03/76	39.4	09/80	8.1	52.3			
TRENTON STP	09/79	38.8	09/80	9.7	38.9			
NEW MEXICO:								
ALBUQUERQUE-SOUTHSIDE PLANT	10/76	49.1	05/80	49.7	53.2	3.5	7	.9 2
NEW YORK:								
ALBANY COUNTY SD	09/77	80.7	06/79	41.2	100.7	16.5	20	2.0 2
AMHERST TOWN BD STP	09/77	136.0	09/79	34.8	139.2	2.2	2	5.3 5
BUFFALO SA, CHEEKTOWAGA, ERIC CO SD STP	09/77	190.1	09/79	29.2	116.4	3.0	3	157.5- 58-
CHAUTAGA LAKE SD STP	09/77	40.4	09/77	11.9	47.5	7.1	18	
COLONIE STP	09/77	31.7	09/79	9.2	35.1	3.1	10	

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	05/78	103.5	12/79	103.5	27.0	107.9	6.4	4	1.8-	2-
ERIE COUNTY, HAMBURG, SOUTHWARDS STP										
SATES-CMILLI-OGDEN SD STP (APP. III, P. 87)	10/69	10.9	10/69	10.9	12.8	28.5	17.6	161		
SLEN CUVE STP	09/79	35.8	09/79	36.8	11.1	44.2	7.4	20	7.4	20
LEWISTON, PORTER STP	07/78	25.9	07/78	25.9	5.9	27.4	1.5	6		
NASSAU CO SD #2 STP	09/79	31.2	09/79	31.2	13.7	55.0	23.8	75	23.8	75
NASSAU CO SD #1 STP	09/77	545.0	09/79	545.0	233.3	701.9	155.9	29	3.5-	
NEW YORK (BOVERY BAY STP)	06/70	49.3	06/70	49.3	40.1	89.1	39.9	81		
NEW YORK (HUNTS POINT STP)	05/70	43.5	05/70	43.5	30.5	67.9	24.4	35		
NEW YORK (NORTH RIVER STP)	09/77	231.4	09/77	231.4	178.7	399.5	158.2	73		
NEW YORK (OAKWOOD BEACH)	09/77	121.9	09/79	121.9	34.1	136.2	14.3	12	.3	
NEW YORK (PORT RICHMOND STP)	06/70	135.4	06/70	135.4	74.4	165.3	29.9	22		
NEW YORK (RED HOOK)	09/77	190.6	09/79	190.6	49.5	198.1	7.5	4	1.1	1
NEW YORK (ROCKAWAY WPCP)	03/71	38.1	03/71	38.1	21.4	47.5	9.4	25		
NEW YORK (WARDS ISLAND STP) (APP. III, P. 87)	01/70	47.8	01/70	47.8	52.3	116.3	68.5	143		
NEW YORK (26TH WARD STP) (APP. III, P. 87)	12/69	31.6	12/69	20.7	29.5	48.1	27.4	132	17.5-	27-
NIAGARA CO SD #1 STP	05/77	96.3	09/77	96.3	27.1	108.4	12.1	13		
NIAGARA FALLS CITY STP	03/73	53.2	03/73	53.2	15.8	63.4	.2		.2	
NORTH TONAWANDA CITY	09/77	23.7	09/77	23.7	9.5	37.8	14.1	39	.5	2
NY QUADRANT PURE WD #1	08/75	38.5	08/75	38.5	21.9	55.9	17.4	45		
ONONDAGA CO-OAK ORCHARD STP	12/76	34.9	09/79	34.9	9.1	35.5	1.5	5	1.5	5
ONONDAGA COUNTY (BALDWINSVILLE-SENECA KNOLLS STP)	06/76	30.9	06/75	30.9	8.3	33.0	2.1	7	2.1	7
ONONDAGA-SYRACUSE METRO STP	03/78	122.4	09/79	122.4	31.1	123.1	.7	1	1.5	1
RENSSELAER COUNTY SD, NORTH GREENBUSH, SAND LAKE	09/77	72.6	04/79	72.6	15.1	67.6	12.0-	17-		

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	DATE	AMOUNT	DATE	AMOUNT			
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)							
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)							
NEW YORK: (CONT.)							
ROCHESTER CITY, BROOKERJOIT BAY PURE WD STP	07/77	228.4	07/77	228.4	123.2	332.9	104.5 45
ROCKLAND COUNTY SD #1 STP	09/77	29.6	09/80	33.4	14.5	41.0	7.6 23
SARATOGA COUNTY SD #1 STP	09/77	57.9	09/79	57.9	15.7	62.6	3.3- 8-
SUFFOLK CO-SOUTHWEST SD	09/77	391.2	09/77	391.2	233.8	599.5	208.3 53
TONAWANDA TOWN STP	09/77	80.4	09/77	80.4	21.2	84.7	4.3 5
WESTCHESTER COUNTY (OSSIN- ING SD STP)	09/77	35.7	09/79	35.7	9.3	37.0	1.3 4
NORTH CAROLINA:							
CHARLOTTE-MCALPINE STP	09/77	29.4	10/79	32.6	9.4	37.5	4.9 15
CONCORD-ROCKY RIVER STP	12/75	37.4	09/80	37.5	12.6	37.5	.1
GREENSBORO METRO WWTTP	09/80	30.0	09/80	30.0	10.0	30.0	.
ROCKY MOUNT STP	05/77	21.9	05/77	21.9	9.8	39.4	17.5 80
OHIO:							
CANTON STP	08/77	40.3	08/77	40.3	10.0	39.8	.5- 1-
CLEVELAND REGIONAL SEWER DISTRICT-EASTERLY STP	08/77	47.1	09/79	47.1	11.9	47.4	.3 1

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					ORIGINAL ESTIMATE	NON-FEDERAL SHARE		AMOUNT	%		
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)											
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)											
PENNSYLVANIA: (CONT.)											
PHILADELPHIA NORTHEAST WWTP	05/77	91.6	12/73	204.3	54.9	259.7	55.4	27	133.5	106	
PHILADELPHIA SOUTHEAST WWTP	06/78	114.1	09/80	147.0	38.5	154.0	7.0	5	39.9	35	
PHILADELPHIA SOUTHWEST WWTP	04/79	139.5	01/80	151.8	52.3	209.1	57.3	33	21.3	11	
PUERTO RICO:											
PRASA (AGUADILLA) (APP. III, P. 87)	04/76	8.8	04/75	7.4	7.4	29.5	22.1	239	.4	1	
PRASA (ARECIBO) (APP. III, P. 97)	05/76	16.4	05/75	14.5	9.4	37.8	21.3	129	4.7	14	
PRASA (BAYAMON)	09/77	83.7	09/77	93.7	21.5	85.9	2.2	3	2.2	3	
PRASA (CAGUAS) (APP. III, P. 87)	06/76	13.0	06/75	13.0	6.7	25.8	13.8	105			
PRASA (CAROLINA)	09/79	73.4	06/80	77.4	20.0	79.9	2.5	3	4.4	6	
PRASA (MAYAGUEZ)	05/75	23.7	08/80	39.5	44.0	54.6	25.1	54	30.5	90	
PRASA (SAN JUAN)	06/76	35.7	06/80	37.8	11.9	46.0	8.2	22	9.0	24	
RHODE ISLAND:											
CRANSTON WWTP	06/77	55.6	09/79	52.0	14.9	52.9			19.2	37	
WOONSOCKET, W SMITHFIELD & BLACKSTONE, MA STP	09/77	38.4	09/77	38.4	9.1	32.8	5.6	15	.1		

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SOUTH CAROLINA:									
AIKEN-AUGUSTA HORSE CREEK REGIONAL WWP	06/75	31.7	06/75	51.7	9.8	39.1	7.4	23	
COLUMBIA METRO WWP	10/77	53.4	09/80	56.1	25.8	63.5	7.3	13	12.3 24
GRAND STRAND-CONWAY WWP	12/75	25.4	09/77	25.4	8.4	32.3	5.9	27	
TENNESSEE:									
CHATTANOOGA (MOCCASIN BEND WTP)	09/77	91.9	09/79	91.9	25.1	91.9			
KNOXVILLE-KUMARHEE WWP	06/74	51.9	08/78	55.7	15.3	65.2	9.5	17	.1
MEMPHIS-NORTH STP	06/75	59.1	09/80	78.6	31.7	79.5	1.0	1	9.5 14
MEMPHIS-SOUTH STP	06/74	51.6	09/80	51.1	21.9	59.3	1.8-	3-	9.5 19
NASHVILLE-DAVIDSON CO STP	06/78	80.7	06/78	90.7	22.6	82.2	1.5	2	1.0- 1-
TEXAS:									
AUSTIN (WALNUT CREEK STP)	09/71	29.1	09/71	29.1	25.5	56.7	27.5	95	
BROWNSVILLE WWP	08/75	14.7	09/80	25.0	7.1	28.1	2.1	8	
DALLAS (CENTRAL PLANT)	05/75	32.8	07/81	39.1	24.2	57.5	18.5	47	7.3 15
DALLAS (SOUTH SIDE PLANT)	01/73	20.5	05/75	49.2	9.5	38.5	10.7-	22-	.8 2
FORT WORTH (VILLAGE CREEK)	08/77	95.1	08/77	95.1	26.9	98.4	3.3	3	.9 1
HOUSTON (49TH STREET WTP)	02/77	222.5	08/80	275.0	72.1	295.7	20.7	8	73.0 31
TEXAS CITY WWP	03/75	21.6	09/79	27.8	6.4	25.7	2.1-	8-	
TRINITY RIVER AUTHORITY - ARLINGTON (CENTRAL STP)	06/76	55.0	09/80	58.5	31.0	115.0	55.5	97	4.0 4
VIRGINIA:									
ALEXANDRIA SANITATION AUTHORITY STP	06/73	72.2	07/75	72.2	25.4	101.5	29.4	41	
ARLINGTON COUNTY STP	04/76	55.5	04/75	55.5	19.2	76.2	20.7	37	
FAIRFAX CO LOW POTOMAC STP	06/76	56.0	06/75	56.0	20.5	82.0	16.0	24	
HAMPTON ROAD-BOAT HARBOR WTP	04/75	32.3	09/79	32.1	8.5	34.4	2.3	7	
HAMPTON ROADS ATLANTIC WTP	05/76	82.0	05/79	66.8	16.5	66.0	.8-	1-	20.0 43

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ENVIRONMENTAL PROTECTION AGENCY: (CONT.)

CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)

VIRGINIA: (CONT.)

HAMPTON ROADS-YORK WWT	11/78	33.5	05/79	25.3	7.0	28.1	2.8	11	
HOPEWELL STP	08/75	40.7	08/75	40.7	10.7	41.8	1.1	3	1.1 3
PRINCE WILLIAM COUNTY (MOON- SV REGIONAL STP)	01/76	18.9	01/75	18.9	7.7	30.8	11.9	53	
RICHMOND STP	09/78	45.7	09/78	45.7	13.4	48.7	3.0	7	
RIVANNA WATER & SEWER AUTHORITY WMT	09/77	31.9	09/77	31.9	10.0	40.7	8.8	28	2.0 5
ROANOKE, SALEM, ROANOKE CO, BOTETOURT CO STP	09/77	27.5	09/77	27.5	9.6	38.6	11.1	40	.1
JUPITER OCCOQUAN SA - MAYAS- SAS PARK (REGIONAL STP)	03/76	56.1	03/75	56.1	19.1	76.6	20.5	37	2.5 4
WASHINGTON:									
ABERDEEN STP	04/79	28.5	07/80	39.6	11.3	42.1	2.5	5	13.5 47
HOQUIAM WWT	05/77	15.8	09/80	23.0	8.2	31.4	8.4	37	
OLYMPIA STP	03/79	47.5	03/79	47.5	15.9	66.0	18.5	39	17.3 36
PIERCE CO REG WWT	02/74	55.7	08/80	32.7	7.8	31.1	1.5	5	
SEATTLE RENTON STP	09/77	38.2	09/77	38.2	18.3	38.0	.2	1	.1
SEATTLE WEST POINT STP	06/76	75.1	09/77	76.0	33.3	66.6	3.4	12	.5 1-
SPOKANE STP	09/75	52.9	09/79	52.9	12.9	48.1	4.9	9	.1

TACOMA-CENTRAL STP	05/79	34.3	05/79	34.3	10.3	33.1	1.2-	3-	4.5	18
YAKIMA STP	09/79	24.8	09/79	24.8	8.4	29.9	5.1	21		
WEST VIRGINIA:										
GREENRIER CRICHTON STP (APP. III, P. 87)	05/75	12.7	05/75	12.7	7.3	25.7	13.0	192		
HUNTINGTON WWT	05/75	13.9	05/75	13.9	7.4	25.7	11.9	85		
PARKERSBURG WWT	02/78	14.4	09/80	30.2	7.0	30.4	.2	1		
WISCONSIN:										
APPLETON, GRAND CHUTE STP	06/76	45.2	06/75	45.2	7.8	31.4	13.8-	31-	.4	1
GREEN BAY METRO SD WWT	03/71	41.6	03/71	41.6	31.5	69.9	28.3	58	.1-	
MADISON-NINE SPRINGS WWT	03/80	25.9	03/80	25.9	5.5	25.3	.5-	2-		
MILWAUKEE JONES ISLAND STP	1978	55.5	09/79	110.0	45.2	144.0	34.0	31	52.5	57
MILWAUKEE SOUTH SHORE STP	09/78	46.6	01/80	50.2	17.7	50.2	7.5-	18-	3.7	8
SHEBOYGAN STP	08/78	42.1	08/79	42.1	8.5	34.6	7.5-	18-	.5	1
SUPERIOR STP	09/76	27.8	09/75	27.8	7.1	28.5	.7	3		
SUB TOTAL		20,686.2		22,181.7	7,321.7	24,942.7	2,751.0		1,211.5	
AGENCY TOTAL		20,896.2		22,181.7	7,321.7	24,942.7	2,751.0		1,211.5	
GENERAL SERVICES ADMINISTRATION:										
ANCHORAGE - COURTHOUSE, FEDERAL BUILDING & PARKING FACILITY	07/72	71.5	01/75	71.5		71.5				
ATLANTA - RICHARD B. RUSSELL FEDERAL BUILDING & COURTHOUSE	08/66	27.4	04/75	77.1		55.9	11.2-	15-	6.8	12
BALTIMORE - SSA METRO WEST BUILDING	09/74	92.4	09/74	92.4		98.0	5.5	5	2.5	3
BOSTON - FEDERAL OFFICE BUILDING	04/78	75.2	04/79	75.2		75.2				
COLUMBIA - THURMOND FEDERAL BUILDING, COURTHOUSE & PARKING	04/74	26.7	06/74	26.7		27.3	.5	2	2.0-	7-
GLYNCO, GA - FEDERAL LAW ENFORCEMENT TRAINING CENTER	03/75	30.1	03/75	30.1		25.8	4.3-	14-	4.3-	14-

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE DATE	ORIGINAL ESTIMATE DATE	BASELINE ESTIMATE AMOUNT	CURRENT ESTIMATE AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE AMOUNT	NOTES
							AMOUNT	%		
GENERAL SERVICES ADMINISTRATION: (CONT.)										
NEW YORK - ROWLING GREEN CUSTOM-HOUSE ALTERATION & REPAIRS	1/1/79	29.3	10/79	29.3		29.3				01
NEW YORK - 201 VARICK FED BLDG ALTERATIONS & REPAIRS	1/5/76	25.2	11/77	25.2		25.2				
PLANS, PROGRAMS & FIN MGMT:										
LONG RANGE ADP ACQUISITION	12/2/80	140.0	02/80	140.0		140.0				01
SAN JOSE - COURTHOUSE & FEDERAL OFFICE BUILDING	12/2/77	34.1	02/77	34.1		34.1				
SEATTLE - NATL OCEANIC & ATMOSPHERIC ADMIN WESTERN REG'L CTR	12/3/75	58.2	02/77	83.8		77.5	5.3-	8-	6.3-	8-
WOODLAWN, MD - SSA COMPUTER CENTER BUILDING	12/9/74	58.7	09/74	58.7		70.9	2.1	3	3.3-	5-
AGENCY TOTAL		588.8		754.1		740.6	13.5-		5.7-	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION:										
DYNAMICS EXPLORER	12/9/79	44.3	09/79	44.3		51.9	7.5	17		01
EARTH RADIATION BUDGET EXPERIMENT (ERBE)	12/2/78	85.0	09/79	95.0		95.0	10.0	12	10.0	12
GALILEO (FORMERLY JUPITER ORBITER/PROBE)	12/1/77	309.0	11/79	309.0		611.0	302.0	98	302.0	98
HIGH ENERGY ASTRONOMY OBSERVATORY	12/2/74	232.8	10/74	258.9		290.3	31.4	12	1.9-	1-
INTERNATIONAL SOLAR POLAR MISSION	12/2/78	292.0	09/79	294.8		443.5	148.7	50	148.7	50

INTERNATIONAL SUN-EARTH EXPLORERS	02/74	50.7	10/75	55.7	56.9	1.2	2	
INTERNATIONAL ULTRA-VIOLET EXPLORER	09/71	34.2	09/71	34.2	37.0	2.9	6	
LANDSAT D	02/77	324.0	01/79	355.1	550.0	184.9	51	185.4 51
NATIONAL TRANSONIC FACILITY	11/76	55.0	03/77	90.0	90.0	1.5-	2-	
VINUS G	02/73	81.8	07/73	86.5	213.9	3.8	2	1.8- 1-
PIONEER VENUS	12/74	207.1	12/74	207.1	87.9	10.4-	11-	8.9- 9-
SOLAR MAXIMUM MISSION	11/76	95.8	04/77	98.3	750.0	225.0	43	195.8 35
SPACE TELESCOPE	01/77	525.0	02/78	525.0				
SPACE TRANSPORTATION SYSTEM (SPACE SHUTTLE DOT AND E ONLY)	03/72	5,150.0	03/72	5,150.0	9,912.0	4,752.0	92	2,501.0 36
	03/72	5,150.0	03/72	5,150.0	6,654.0	1,504.0	29	1,224.0 23
TIROS-N	01/72	57.5	02/74	57.6	54.9	2.7-	5-	
VOYAGER (FORMERLY MARINER JUPITER-SATURN 1977)	07/72	377.5	05/74	371.2	415.1	43.9	12	
AGENCY TOTAL		7,931.8		6,032.7	13,741.4	5,708.7		3,430.4
NATIONAL RAILROAD PASSENGER CORPORATION:								
BI-LEVEL COACHES	02/75	187.7	09/79	291.6	289.6	2.2-	1-	2.2- 1-
MPD CONVERSION OF STEAM PASSENGER CARS	09/79	104.8	09/79	104.8	155.3	50.3	48	50.5 48
LOCOMOTIVE ACQUISITION:								
F-40 LOCOMOTIVES	09/79	112.5	09/79	112.5	121.6	9.1	8	9.1 8
LIGHTWEIGHT ELECTRIC (AEM-7)	09/79	142.3	09/79	142.3	152.3	10.0	7	10.0 7
SUS TOTAL		254.8		254.8	273.9	19.1		19.1
METROLINER OVERHAUL	09/79	42.1	09/79	42.1	42.1			
NORTHEAST CORRIDOR PURCHASE	04/76	105.1	04/76	105.1	108.3	3.2	3	2.4 2
RENOVATION OF CHICAGO MAINTENANCE FACILITY (12TH & 15TH STS)	09/79	43.9	09/79	43.9	44.1	.2		.2

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE DATE	ORIGINAL ESTIMATE DATE	BASELINE ESTIMATE AMOUNT	CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE AMOUNT %	NOTES
				NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%		
NATIONAL RAILROAD PASSENGER CORPORATION: (CONT.)									
SINGLE-LEVEL CAR ACQUISITION - FIRST ORDER	10/79	150.0	01/80	150.8	150.8				01
AGENCY TOTAL		888.4		993.3	1,054.1	70.8	70.8	70.0	
NATIONAL SCIENCE FOUNDATION:									
VERY LARGE ARRAY RADIO TELESCOPE	1973	76.0	1973	76.0	78.2	2.2	3	0.4	1-
PENNSYLVANIA AVENUE DEVELOPMENT CORPORATION:									
PENNSYLVANIA AVENUE DEVELOPMENT	09/77	223.0	09/77	223.0	223.0				
SMITHSONIAN INSTITUTION:									
MUSEUM SUPPORT CENTER	11/78	21.5	06/79	21.5	26.5	5.0	23		01
TENNESSEE VALLEY AUTHORITY:									
AIR POLLUTION CONTROL FACILITIES	1973	421.0	08/80	850.0	842.0	8.0	1-	421.5	33-
ATMOSPHERIC FLUIDIZED BED COMBUSTION (AFBC), PILOT PLANT	08/79	53.4	08/79	53.4	53.4				01
PEAR CREEK WATER CONTROL SYSTEM (APP. III, P. 87)	01/64	15.0	01/65	24.0	68.5	44.5	185	.5	1-
BELLEFONTE NUCLEAR PLANT, UNITS 1 & 2 (APP. III, P. 87)	01/71	550.0	01/71	550.0	3,360.0	2,710.0	417	1,310.0	64
COAL GASIFICATION DEMONSTRATION PROJECT	08/80	2,000.0	08/80	2,000.0	2,000.0				01
COLUMBIA DAM & RESERVOIR (APP. III, P. 87)	06/69	50.0	06/69	50.0	153.0	103.0	205		

HARTSVILLE NUCLEAR PLANT, UNITS 1-4 (APP. III, P. 87)	01/72	1,425.0	01/75	1,575.0	12,100.0	10,525.0	558	5,300.2	119
MATA LOCK - PICKWICK LANDING DAM (APP. III, P. 87)	03/76	100.0	03/75	100.0	155.0	65.0	55	11.0	7
PIPPS BEND NUCLEAR PLANT (APP. III, P. 87)	01/75	1,600.0	01/75	1,600.0	5,095.0	4,495.0	281	3,145.0	107
RACCOON MT. STORAGE PROJECT, UNITS 1-4 (APP. III, P. 97)	01/70	155.0	01/70	155.0	340.0	185.0	119	13.0	4
SEQUIAH NUCLEAR PLANT, UNITS 1-2 (APP. III, P. 97)	01/69	336.0	01/69	336.0	2,110.0	1,874.0	529	550.0	45
TELLICO DAM AND RESERVOIR (APP. III, P. 87)	01/65	42.5	01/65	42.5	136.9	94.4	222	17.3	15
WATTS BAR NUCLEAR PLANT, UNITS 1 & 2 (APP. III, P. 89)	01/70	500.0	01/70	500.0	2,220.0	1,720.0	344	745.0	51
YELLOW CREEK NUCLEAR PLANT (APP. III, P. 88)	01/75	1,900.0	01/75	1,900.0	5,730.0	3,830.0	202	2,755.0	93
AGENCY TOTAL		9,247.9		9,835.9	35,373.8	25,537.9		14,524.8	
VETERANS ADMINISTRATION:									
AUGUSTA, GA - RELOCATE MED CTR (APP. III, P. 88)	1975	49.0	1975	49.0	43.2	5.8-	12-		
BALTIMORE - REPLACE MED CENTER (APP. III, P. 88)	1971	21.3	1973	36.5	95.5	50.0	154	4.0-	4-
BAY PINES, FL - REPL MED CENTER (APP. III, P. 88)	1963	19.1	1973	31.4	110.0	78.5	250		
BROOK - REPLACE MEDICAL CENTER (APP. III, P. 88)	1973	55.0	1973	55.0	115.2	50.2	77		
CAMDEN, NJ - REPLACE MED CTR (APP. III, P. 88)	1973	33.7	1973	33.7	75.3	41.5	123		
COLUMBIA, SC - RELOCATE MED CTR (APP. III, P. 88)	1973	26.2	1973	26.2	26.5	.3	1		
COMPENSATION, PENSION & EDUCATION COMPUTER TARGET SYSTEM	07/74	50.3	07/75	81.9	80.2	1.7-	2-	1.7-	2-
DENVER - CLINICAL SUPPORT JING	1979	45.0	1979	45.0	46.5	1.5	3	1.5	3
EAST ORANGE, NJ - CORRECT & IMPROVE BLDG ENVIRON DEF	1975	16.9	1980	31.7	31.7				
LITTLE ROCK - REPLACE MED CTR	1973	72.6	1973	72.6	114.1	41.5	57	30.0-	21-
LOMA LINDA - RELOCATE MED CTR	1973	33.5	1973	33.5	54.9	31.4	34		

ESTIMATED COST DATA COMPARISON
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE DATE	ORIGINAL ESTIMATE DATE	ORIGINAL ESTIMATE AMOUNT	CURRENT ESTIMATE		TOTAL AMOUNT	INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE AMOUNT	NOTES
				NON-FEDERAL SHARE	AMOUNT				
VETERANS ADMINISTRATION: (CONT.)									
LOS ANGELES - REPLACE MED CTR	1974	1974	93.2		93.2	87.0	6.2-	7-	
MARTINSBURG, WV - REPL MED CTR (APP. III, P. 89)	1970	1973	35.5		28.7	74.6	43.9	150	
MIAMI, FL - O/P ADM, RENOVATION & SCI RELOCATION	02/83	02/80	26.7		26.7	26.7			01
MINNEAPOLIS - REPLACE HOSPITAL	04/80	04/83	221.4		221.4	221.4			01
NEW ORLEANS - EXPAND CLINIC, EDUCATION & RESEARCH SPACE	07/80	07/80	67.7		67.7	67.7			01
NORTHPORT, NY - REPL MED CTR	1974	1974	25.0		26.0	25.9	.1-		
OKLAHOMA CITY - EXPAND CLINIC & RENOVATE AMBULATORY CARE	1973	1977	1.5		30.0	37.7	7.7	25	
PALO ALTO (PAD) - CA - CENTER CORE BUILDING	09/79	09/79	21.7		21.7	30.2	8.5	59	01
PORTLAND, OR - REPLACE MED CTR (APP. III, P. 88)	1964	1973	15.8		40.6	141.3	100.7	248	
RICHMOND, VA - REPLACE MED CTR (APP. III, P. 88)	1972	1973	44.3		48.2	116.0	67.8	141	
SAN ANTONIO - MEDICAL CENTER	1963	1970	15.8		26.9	37.1	10.2	38	
SAN DIEGO - RELOCATE MED CENTER	1963	1968	23.6		30.0	40.2	10.2	34	
SAN FRANCISCO - REMODEL BLDGS 2, 4 & 20 FOR NEW FUNCTION (APP. III, P. 88)	02/76	02/75	13.5		13.5	27.9	14.4	107	01
SEATTLE - REPLACE MEDICAL CENTER (APP. III, P. 88)	1973	1975	15.7		23.4	115.9	92.5	395	5

DESCRIPTION	03/80	27.6	03/80	27.6	27.6	01
TEMPLE TX - EXPAND CLINIC & RELOCATE SUPPORT FUNCTION						
WEST ROCKBURY, MA - MODERNIZATION (APP. III. F. PR)	04/72	11.0	04/72	11.0	30.4	175
AGENCY TOTAL		1.094.3		1.243.1	1,911.7	668.5
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY:						
HANDICAPPED FACILITIES (ELEVATORS) AT SUBWAY STATIONS	08/73	55.0	08/73	55.0	71.2	19
WASHINGTON REGIONAL RAPID RAIL TRANSIT SYSTEM (APP. III. F. PR)	01/69	2,494.6	01/69	2,498.0	8,128.7	225
AGENCY TOTAL		2,559.6		2,559.6	8,199.9	5,440.3
GRAND TOTAL		365,839.9		450,774.0	776,547.0	325,773.0

NOTES

1. Yearly changes are omitted because data for these projects cannot be compared to previous years. These projects were not previously reported.
2. This project is jointly developed by National Oceanic and Atmospheric Administration (Weather Service), Department of Defense (Air Force & Navy), and Department of Transportation (Federal Aviation Administration).
3. These changes in estimated costs reflect significant increases or decreases in production quantities, cancellation of production quantities, or the addition of production quantities to the program. Also, major changes of scope are included under this category.
4. Procured by the Departments of the Air Force and Navy.
5. Procured by the Departments of the Air Force, Army, & Navy.
6. A significant number of Department of Energy projects have changed dates and estimates because Energy, in implementing OMB A-109 guidelines, is establishing proper documents for its major acquisitions.
7. An Energy decision was to discontinue these projects; however, the Congress has provided funding for them on an annual basis.
8. Because the baseline (development) estimate has not been made, the current estimate is used as a baseline.
9. Projects were transferred to the Western Power Administration by the Department of the Interior.
10. Department of the Army, Corps of Engineers' projects were adjusted to show inflation through the project's life as now required by OMB. The revised baseline of September 30, 1979, reflects this one-time change. The yearly change column compares the adjusted current estimate with the unadjusted previously reported estimate.

11. A new baseline estimate has been established for these projects.
12. These projects show 100-percent non-Federal share; they are approved by the Congress, and cost of the project is reimbursed to the Treasury by the District of Columbia Government.
13. Environmental Protection Agency projects show only the cost of facility segments in which the agency is participating. The original date shows the first grant awarded. The baseline estimate shows cumulative costs at the time of grant award or grant amendment for phased construction. The baseline date represents the most recent grant transaction. Many baseline estimates have changed since our prior report. The current estimate represents total, current eligible costs of all grants awarded for a facility. The yearly change can represent cost escalation, new grant awards during the year, or a combination of these factors.
14. Support costs, such as construction of facilities, are not included in the acquisition costs.
15. NASA officials state that the current estimate for the Space Transportation System/Space Shuttle design, development, test, and evaluation (DDT&E) should be expressed in the 1971 dollar equivalent--\$6,654 million. The original and baseline estimates are stated in 1971 dollar equivalents. The \$9,912 million current estimate provides for inflation through the 1982 budget year only.

ANALYSIS OF CIVIL ACQUISITIONS HAVING
10% PERCENT OR GREATER COST GROWTH
AT SEPTEMBER 30, 1983
(COLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL AND/OR BASELINE ESTIMATE	QUANTITY	ENGI-NEERING	SUPPORT	COST CHANGE DUE TO			ESTI-MATING	SANDRY	CURRENT ESTIMATE
					SCHEDULE	ECONOMIC				
APPALACHIAN REGIONAL COMMISSION:										
APPALACHIAN DEVELOPMENT HIGHWAY	1,015.0	1,625.9	1,903.0		5,559.2			.1	16,036.2	
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS:										
FLOOD CONTROL:										
FRIEDRICH & VICINITY, TX (6190)	17.3		11.2				12.9	.1	41.5	
BATHRIGHT LAKE, VA (5430)	32.8		27.3		1.3	.4	19.3	2.3	83.2	
LDS ESTEROS LAKE, NM (10080)	21.2		3.9			.4	15.3	2.5	43.3	
WANKATO & N. WANKATO, MN (19520)	35.2	21.9	25.8				7.6	.1	97.3	
TAYLORS BAYOU, TX (13000)	49.7						55.4	.1	113.5	
WILLAMETTE RIV BASIN BANK PROTECTION, OR (19970)	12.9	11.3			.2		6.2		32.3	
SUB TOTAL	159.1	33.1	68.2		1.7	15.8	115.7	5.3	410.9	
MISSISSIPPI RIVER AND TRIBUTARIES:										
OLD RIVER CONTROL, LA (15390)	158.5	197.8	5.5		21.8		19.5	.1	393.2	
NAVIGATION:										
RED RIVER EMERGENCY BANK PROTECTION, AR, LA, OK, TX (815)	26.4	28.6	2.8		1.1		2.2	.1	53.5	
AGENCY TOTAL	354.1	259.7	59.8		37.5		129.4	5.3	667.5	

APPENDIX III

DEPARTMENT OF THE INTERIOR:

NATIONAL PARK SERVICE:

NATIONAL PARKS:

GRAND CANYON, AZ	44.2	17.7	11.9	24.2	.1	37.0
YELLOWSTONE, MT, WY AND ID	105.1		115.8	57.9		278.8
YOSEMITE, CA	34.9	75.5	13.3	23.0	.1	153.9

NATIONAL RECREATION AREAS:

BISHORN CANYON, MT	24.3	8.2		21.8	.1-	54.2
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PARKWAYS:

WATCHEZ TRACE, MS, TN AND AL	111.6		157.2	89.1		357.7
SUB TOTAL	320.1	101.7	298.0	222.0	.1	941.9

WATER & POWER RESOURCES SERVICE:

BRANTLEY PROJECT, WA	45.5	38.9	22.4	32.1	3.1	182.2
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CENTRAL ARIZONA PROJECT:

WATER DEVELOPMENT	735.5	2.2	14.3-	70.2-	2.1	1,690.5
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CENTRAL VALLEY:

AUBURN-FOLSOM SOUTH UNIT (WATER CONTROL), CA	426.0	64.4	20.5	202.7	90.7	1,041.5
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SACRAMENTO RIVER DIVISION (IRRIGATION), CA

	111.4	27.5	.5	43.6	.8	312.2
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SAV FELIPE DIVISION, CA

	92.4	8.1-	38.8	7.2	8.8	257.9
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COLORADO RIVER BASIN SALINITY CONTROL PROJECTS:

GRAND VALLEY UNIT, CO	59.0	39.0	20.2	.6	.9	215.5
PARADOX VALLEY UNIT, CO	14.0	.9		31.4		73.2
TITLE I, CONSTRUCTION	157.7	10.5	102.0	18.1	9.7	466.7

COLUMBIA BASIN:

IRRIGATION FACILITIES	925.4	30.1	144.5	423.9	15.5	2,679.2
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APPENDIX III

ANALYSIS OF CIVIL ACQUISITIONS HAVING
100 PERCENT OR GREATER COST GROWTH
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

ORIGINAL AND/OR BASELINE ESTIMATE	QUANTITY	ENGI- NEERING	SUP- PORT	SCHEDULE	ECONOMIC	ESTI- MATING	SJVDY	CURRENT ESTIMATE
COST CHANGE DUE TO								

10.5	13.9				3.5	3.5	1.1	32.5
52.0	13.2		1.0		74.8	3.8	.5-	144.3
205.0		53.0			225.4		.2	485.5
79.5					81.2			160.7
12.1					25.8		.1	39.8
207.0					738.2		19.8	965.0
18.2	1.9	14.6			22.1		.1	56.9
81.9	6.2-	3.8			93.1	7.6-	5.5	171.5
20.9	1.5				31.2		2.9	55.5

AGENCY AND PROJECT

DEPARTMENT OF THE INTERIOR: (CONT.)

WATER & POWER RESOURCES SERVICE: (CONT.)

DRAINAGE AND MINOR
CONSTRUCTION PROJECTS:

CLAMATH, CA AND OR

WASHOE, CA AND NV

WAVAJO INDIAN IRRIGATION
PROJECT, NM

PICK-SLOAN MISSOURI BASIN
PROGRAM:

NORTH LOUP DIVISION, NE

RIVERTON UNIT, WY

PICK-SLOAN MISSOURI RIVER
BASIN PROGRAM:

GARRISON DIVERSION UNIT, ND
AND SD

SAN LUIS VALLEY PROJECT, CO

SOUTH NEVADA WATER PROJ
(DRAINAGE), NV

TUALATIN PROJ (WATER
CONTROL), OR

ANALYSIS OF CIVIL ACQUISITIONS HAVING
100 PERCENT OR GREATER COST GROWTH
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL AND/OR BASELINE ESTIMATE	COST CHANGE DUE TO						CURRENT ESTIMATE
		QUANTITY ENGI- NEERING	SUPPORT	SCHEDULE	ECONOMIC	ESTI- MATING	SJVDRY	
DEPARTMENT OF TRANSPORTATION: (CONT.)								
FEDERAL HIGHWAY ADMINISTRATION:								
DAKOTA GAP HIGHWAY	150.0				225.0			375.0
INTERSTATE HIGHWAY SYSTEM	37,570.0	9,110.0	29,492.0		55,901.0	1,476.0	4,315.0	137,664.0
SUB TOTAL	37,720.0	9,110.0	29,492.0		56,125.0	1,475.0	4,315.0	138,239.0
U.S. COAST GUARD:								
HIGH/MEDIUM ENDURANCE CUTTER REPLACEMENT	318.5	54.1	20.4	52.7	74.6	34.2		991.0
MEDIUM RANGE SURVEILLANCE AIRCRAFT	83.3		34.5	66.3	45.6	131.9	.8	363.4
REPLACEMENT HARBOR TUGBOATS	62.0	18.5	.5	.3	18.0	5.2		157.1
SHORT-RANGE RECOVERY HELICOPTERS	172.2		37.5	42.3	60.3	51.0	.4	359.1
SUB TOTAL	636.0	72.7	92.9	171.0	32.5	223.3	1.5	1,465.5
URBAN MASS TRANSPORTATION ADMINISTRATION:								
MASS TRANSIT GRANTS:								
NEW YORK METRO TRANS AUTH - EXTEND & REHAB LONG ISLAND RR (NY-03-0035)	250.0	508.2		171.0	238.6	1,713.8	4,397.1	858.2
AGENCY TOTAL	30,885.0	9,834.0	29,654.9	171.0	238.6	55,935.3	4,397.1	141,730.7

ENVIRONMENTAL PROTECTION AGENCY:

CONSTRUCTION GRANTS FOR
WASTEWATER TREATMENT WORKS:

NEW YORK:

SATES-CHILI-OBEDIEN (C) STP	10.9	1.0	13.6	3.0	28.5
NEW YORK (WARDS ISLAND STP)	97.8	5.9	61.5	.1	115.3
NEW YORK (26TH WARD STP)	20.7		7.9	15.0	48.1

PUERTO RICO:

PRASA (AGUADILLA)	7.4			22.1	29.5
PRASA (ARECIBO)	16.5	1.4	12.0	5.5	37.8
PRASA (CAGUAS)	13.0			13.9	26.8

WEST VIRGINIA:

GREENBRIER CRICHTON STP	12.7	1.8	1.3	9.9	25.7
SUB TOTAL	129.0	5.9	96.4	71.3	312.7
AGENCY TOTAL	129.0	6.9	95.4	71.3	312.7

TENNESSEE VALLEY AUTHORITY:

BEAR CREEK WATER CONTROL SYSTEM	24.0	8.4	4.0	4.7	58.3
RELLEFONTE NUCLEAR PLANT, UNITS 1 & 2	657.0	182.0	325.0	313.0	3,368.0
COLUMBIA DAM & RESERVOIR	50.0	2.0	5.5	14.0	133.0
HARTSVILLE NUCLEAR PLANT, UNITS 1-4	1,875.0	605.0	1,670.0	1,365.0	12,100.0
PHIPPS BEND NUCLEAR PLANT	1,600.0	210.0	720.0	533.0	5,033.0
RACCOON MT. STORAGE PROJECT, UNITS 1-4	155.0	19.7	29.9	25.0	308.0
SEQUOYAH NUCLEAR PLANT, UNITS 1-2	336.0	92.5	248.0	182.5	2,110.0
TELlico DAM AND RESERVOIR	42.5	17.7	6.9	3.7	136.9

ANALYSIS OF CIVIL ACQUISITIONS HAVING
1.0 PERCENT OR GREATER COST GROWTH
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL AND/OR BASELINE ESTIMATE	QUANTITY	MEASUREMENT	COST CHANGE DUE TO				ECONOMIC	ESTI- MATING	SANDRY	CURRENT ESTIMATE
				ENGI-	SUPPORT	SCHEDULE					
TENNESSEE VALLEY AUTHORITY: (CONT.)											
WATTS BAR NUCLEAR PLANT, UNITS 1 & 2	500.0	57.0	139.0	307.0	512.0	270.0	325.0	2,220.0		2,220.0	
YELLOW CREEK NUCLEAR PLANT	1,900.0	165.2	302.9	572.0	1,0817.1	504.8	465.0	5,730.7		5,730.7	
AGENCY TOTAL	6,832.5	1,291.5	1,168.5	3,888.3	12,222.9	3,317.7	2,592.0	32,313.4		32,313.4	
VETERANS ADMINISTRATION:											
BALTIMORE - REPLACE MED CENTER	36.5	5.0	19.9		33.8	2.0	1.7-	95.5		95.5	
BAY PINES, FL - REPL MED CENTER	31.4	13.1	41.2		24.2		.1	110.0		110.0	
CAMDEN, NJ - REPLACE MED CTR	33.7	.2		21.5	20.2		1.4	75.3		75.3	
MARTINSBURG, WV - REPL MED CTR	28.7	4.3-	27.1		22.5	.5	.1-	74.5		74.5	
PORTLAND, OR - REPLACE MED CTR	40.6	45.5	29.9		34.0		8.9-	141.3		141.3	
RICHMOND, VA - REPLACE MED CTR	46.2	15.4	19.6		32.7		.1	115.0		115.0	
SAN FRANCISCO - REMODEL BLDGS 2, 4 & 20 FOR NEW FUNCTION	13.5	4.4	1.7	1.0	7.1			27.9		27.9	
SEATTLE - REPLACE MEDICAL CENTER	23.4	57.5			30.7	4.2	.1	115.9		115.9	
WEST ROXBURY, MA - MODERNIZATION	11.0	15.7			2.7			30.4		30.4	
AGENCY TOTAL	267.0	154.5	139.4	21.5	208.2	5.8	8.9-	787.5		787.5	
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY:											
WASHINGTON REGIONAL RAPID RAIL TRANSIT SYSTEM	2,494.6	1,125.9	532.1	78.0	1,965.3	691.5	78.5	8,128.7		8,128.7	
GRAND TOTAL	54,230.4	14,829.2	34,912.1	272.9	82,459.7	5,357.5	7,290.5	205,927.7		205,927.7	

ANNUAL COST CHANGES FOR ACTIVE WEAPON SYSTEMS
 SHOWN ON SELECTED ACQUISITION REPORTS AT SEPTEMBER 30, 1980
 (DOLLARS IN MILLIONS)

SYSTEM	ANNUAL COST CHANGES							TOTAL
	QUANTITY	ENGINEERING	SUPPORT	SCHEDULE	ECONOMIC	ESTIMATING	SUNDRY	
DEPARTMENT OF THE AIR FORCE:								
F-19 AIRCRAFT	364.5	40.8	178.9	524.3	215.7	99.4-		1,224.3
ADVANCED AIRBORNE COMMAND POST (E-4)	254.1		15.5	485.2	7.5	7.5-		737.9
AIRBORNE WARNING AND CONTROL SYSTEM (E-3A)		3.4	0.7	47.9	155.4	97.1-		210.3
ALCM MISSILE		55.2	32.7	34.2	748.3	10.7-		873.7
DEF SATELLITE COMM SYS (DSCS III-SPACE SGT)		9.0		57.4	138.9	42.5		255.8
F-111A AIRCRAFT		11.8	15.4-	104.9	104.0	9.7-		195.5
F-15 AIRCRAFT		41.8	204.0	331.2	381.7	111.0-		827.7
F-15 AIRCRAFT		93.9	284.3	1,434.7	1,840.2	20.9-		3,563.3
GROUND LAUNCHED CRUISE MIS- SILE (GLCM)	223.3-	55.7	40.2	17.1	354.5	1.9	132.6	420.0
HARM (AGM-89)				223.3	281.4	28.5		593.2
IR WAVEPICK (AGM-88D)	1.1-		23.2-	87.3	453.5	53.9	93.0	574.0
POSITIONING & LOCATING STRIKE SYS	255.7		20.8	15.0	72.0			374.5
SIDEWINDER AIM-9L MISSILE	23.7-	35.9	12.3	2.9	28.5	2.1-		57.4
SPARROW AIM-7F MISSILE			9.4	4.0	59.2	3.7-	2.6-	77.3
TOTAL (14)	539.3	359.4	895.2	3,432.9	4,950.9	142.2-	224.0	11,224.3
DEPARTMENT OF THE ARMY:								
AM-64 ATTACK HELICOPTER					722.9	143.5		866.4
AVITC-3- COMMUNICATIONS (TRI-TAC)	220.9-	29.3	4.2-	24.7-	114.0	43.5		432.6

ANNUAL COST CHANGES FOR ACTIVE WEAPON SYSTEMS
 SHOWN ON SELECTED ACQUISITION REPORTS AT SEPTEMBER 30, 1990
 (DOLLARS IN MILLIONS)

SYSTEM	ANNUAL COST CHANGES							TOTAL
	QUANTITY	ENGINEERING	SUPPORT	SCHEDULE	ECONOMIC	ESTIMATING	SUNDRY	
DEPARTMENT OF THE ARMY: (CONT.)								
BLACKHAWK UH-60A UTTAS HELICOPTER		.3	258.7	545.7	357.8	1,151.7		2,324.2
CH-47 HELICOPTER MODERNIZATION			11.9-		342.5	184.9		515.5
COPPERHEAD CANNON LAUNCHED GUIDED PROJECTILE	514.8-	9.9	4.7	147.8	130.9	4.9	.3-	217.9-
DIVAD GUY			109.4-	395.1	452.3	33.2		788.2
FIGHTING VEHICLE SYSTEM (FORMERLY IFV/CFV/PICV)	1,941.1-	75.4	300.7	343.3-	794.5	2,430.7		1,319.0
HELLFIRE MISSILE SYSTEM			19.7-	5.1	118.4	15.9		119.7
M-198 TOWED 155MM HOWITZER	57.4	1.3		10.5	8.8	1.5-		76.5
MULTIPLE LAUNCH ROCKET SYS (WAS SSRS)	48.7		57.3-	75.5	545.1	195.5-	.2	505.6
PATRIOT MISSILE (SAM-D)		498.8	495.2	531.1	503.6	34.9		2,284.6
PERSHING II MISSILE BATTERY			17.4	23.1-	199.1			193.4
ROLAND MISSILE SYSTEM	419.6-	30.6	103.9-	45.1	122.7	129.3-		454.4-
STANDOFF TARGET ACQ N SYS (SOTAS)	371.9-		20.9-	2.6	141.5	2.0		245.7-
STINGER MISSILE SYSTEM				113.5	171.6	118.0		403.1
TACTICAL FIRE DIRECTION SYSTEM	131.6-	.1	23.3-	1.0-	.2	3.4		152.2-
M4-1 TANK		93.0	398.0	432.1	1,470.8	235.4-		2,418.5
TOTAL (17)	3,493.8-	739.3	1,4125.1	1,973.0	6,407.5	3,721.0	.1-	10,472.0

APPENDIX IV

APPENDIX IV

DEPARTMENT OF THE NAVY:									
CAPTOR ANTI-SUB WEAPON SYSTEM	688.1-	23.6-	197.0-	196.7-	.5-	1,095.9-			
CG-47 GUIDED MISSILE DESTROYER	1,087.1	232.6	63.7	202.0-	1,132.4	.5-	3,073.3		
CM-53F (SUPER STALLION) HELICOPTER			18.5	3.9	35.5	15.5	80.4		
*CVN-71 AIRCRAFT CARRIER									
E-2C (HAWKEYE) AIRCRAFT		15.0	.2	.5-	231.5	1.1	247.3		
F-14 (TOMCAT) AIRCRAFT	960.6-	28.3	224.8-	91.5	533.3	4.7-	326.9-		
F/A-18 (HORNET) AIRCRAFT		239.9	527.4-	172.3-	4,401.4	1,748.4	5,689.0		
FFG-7 SHIP	1,160.2-		60.7	40.9	596.5	243.4-	537.6-		
HARM (AGM-88) MISSILE			250.9	233.3	119.3		613.5		
HARPOON MISSILE SYSTEM	294.2	45.2-	152.0	3.3-	100.3	9.5	506.6		
LAMPS MK-III (SM-509) SHIP SYSTEM		42.7	117.8-	15.6	751.5	1,129.7	1,822.5		
P-3C (ORION) AIRCRAFT		15.8	9.9-	31.2	416.1	11.4-	442.8		
PHALANX CLOSE-IN WEAPON SYSTEM	85.6	5.5	94.9	95.5	70.9	43.8	383.2		
PHM SHIP		3.2	.5	4.1	5.8		13.6		
PHOENIX (AIM-54A/C) MISSILE	97.6-	1.8	19.1	131.2	30.2	131.9	235.5		
SIDEWINDER AIM-9L MISSILE	6.5-	33.4	4.3-	41.8	28.8	5.1-	87.1		
SPARROW AIM-7F MISSILE			32.8	19.8-	56.4	1.4	71.8		
SSN-588 SUBMARINE	1,122.5	3.7	82.2	294.8	158.8-		1,336.4		
SURTASS ARRAY SENSOR		13.3	1.1	44.2	10.9	1.8	71.3		
TACTAS	30.1-	7.5-	105.6-	13.1-	189.4	177.5	2.9-	299.7	
TOWHAWK (SLCM) MISSILE	323.1	1.0	152.0	175.4	96.9	19.7-	728.7		
TRIDENT SUB/MISSILE SYSTEM	3,697.7	131.5-	117.3	1,483.3	1,960.9-		3,205.9		
5" GUIDED PROJECTILE	263.9-	11.9	37.5	49.4	5.9-		181.0-		
TOTAL (23)	4,163.2	441.2	510.1-	697.0	10,690.0	959.9	12.9-	16,408.3	

*PROGRAM ADDED SINCE SEPTEMBER 30, 1979

PROGRAM COST DATA APPEARING ON SELECTED ACQUISITION REPORTS
AT SEPTEMBER 30, 1980
(DOLLARS IN MILLIONS)

AGENCY AND PROGRAM	PLANNING AND/OR DEVELOPMENT ESTIMATE	QUANTITY	FNGI-MEERING	SUPPORT	SCHEDULE	ECONOMIC	ESTI-MATING	SUMDRY	CURRENT ESTIMATE
DEPARTMENT OF THE AIR FORCE:									
A-10 AIRCRAFT	2,489.7	364.6	377.6	234.0	1,437.4	1,113.7	9.0-	28.8	6,035.8
ADVANCED AIRBORNE COMMAND POST (E-4)	484.3	61.1-	22.2	13.2-	535.7	55.3	100.0		1,233.2
AIRBORNE WARNING AND CONTROL SYSTEM (E-3A)	2,661.6	50.4	52.4	88.1	1,207.3	506.9	199.4-	9.8-	4,357.5
ALCM MISSILE	4,184.0	19.1-	164.8	9.9	165.3	829.4	5.5-	.2-	5,523.5
DEF SATELLITE COMM SYS (JSCC III-SPACE SGMT)	893.5		27.8		57.4	153.5	38.4-		1,103.9
EF-111A AIRCRAFT	631.9		7.4-	101.5	371.2	120.9	127.9	12.3	1,358.2
F-15 AIRCRAFT	7,355.2		471.6	223.9	1,839.1	3,579.3	36.1-	767.7	14,200.7
F-16 AIRCRAFT	6,054.5	5,364.7	530.4	2,027.9	1,434.7	3,383.3	139.8-	55.4	18,712.1
GROUND LAUNCHED CRUISE MISSILE (GLCM)	1,527.2	225.0-	61.3	103.0	109.0	370.4	44.9	132.8	2,123.5
HARM (AGM-88)	1,052.0	129.7			223.3	314.2	145.0		1,863.2
IIR MAVERICK (AGM-65D)	1,592.9	58.1		24.9-	257.5	539.7	9.8	89.4	2,832.5
POSITIONING & LOCATING STRIKE SYS	954.5	332.5-	2.6-	108.9-	44.9	77.9	9.6		542.9
SIDEWINDER AIM-9L MISSILE	133.7	90.4	51.9	39.5	19.5	85.5	140.0	1.3	563.5
SPARROW AIM-7F MISSILE	254.1	277.4	15.3	19.8	190.7	208.2	10.9-	16.4-	937.8
TOTAL (14)	30,259.2	5,695.5	1,765.3	2,700.7	8,014.0	11,349.1	139.1	1,052.5	60,995.5
DEPARTMENT OF THE ARMY:									
AM-54 ATTACK HELICOPTER	3,758.1		32.5	127.5	461.7	1,132.9	343.5		5,856.3
AN/TTC-39 COMMUNICATIONS (TRI-TAC)	801.1	379.1-	38.6	17.5	17.5-	349.3	45.1	55.0	911.0

APPENDIX V

APPENDIX V

BLACKHAWK UH-60A UTAS HELICOPTER	2,307.3	22.0-	24.9-	140.3	383.3	1,830.5	1,353.0	13.3	5,987.5
CH-47 HELICOPTER MODERNIZA- TION	1,562.4			37.9	36.4	553.5	187.2		2,377.8
CORPUS HEAD CANNON LAUNCHED GUIDED PROJECTILE	1,240.7	643.1-	25.5	14.7	251.9	211.4	55.3	5.0	1,152.4
CIVAD GUN	3,195.8	64.1		113.4-	415.9	516.5	48.6		4,117.5
FIGHTING VEHICLE SYSTEM (FORMERLY IFV/FV/MICV)	726.4	2,538.4	867.1	356.8	239.0-	1,072.6	2,459.2	17.9	7,689.4
HELLFIRE MISSILE SYSTEM	735.1	4.3-	7.0	7.5-	35.5	180.5	75.6		1,021.9
M-198 TOWED 155MM HOWITZER	121.9	5.7	3.1	3.3	21.3	64.5	35.1		235.3
MULTIPLE LAUNCH ROCKET SYS (MALSRS)	3,454.0	48.7		67.3-	75.5	645.1	196.6-		3,959.4
PATRIOT MISSILE (SAM-D)	5,240.5	1,842.5-	356.4-	765.0	1,050.3	2,052.3	373.7	27.5	7,915.5
PERSHING II MISSILE BATTERY	1,571.0			17.4	23.1-	199.1			1,764.4
ROLAND MISSILE SYSTEM	1,119.5	389.4-	61.6	39.4	206.3	246.5	564.9	90.7	1,938.8
STANDOFF TARGET AC3M SYS (SOTAS)	1,282.8	371.9-	5.6	20.9-	2.6	152.8	2.0		1,053.0
STINGER MISSILE SYSTEM	473.8	155.7	56.6	28.4	133.2	425.4	366.5	7.3	1,646.9
TACTICAL FIRE DIRECTION SYSTEM	160.5	59.5-	50.8	25.9	4.0	52.4	133.9	11.5-	333.4
XM-1 TANK	4,779.4	4,784.0	173.2	375.0	758.2	2,051.3	153.0		13,684.1
TOTAL (17)	32,520.7	3,884.9	940.4	1,740.3	3,556.5	11,745.7	5,395.0	212.1	51,195.2
DEPARTMENT OF THE NAVY:									
CAPTOR ANTI-SUB WEAPON SYSTEM	329.2	689.1-	192.7	27.9-	286.9	46.5	355.9		425.3
CG-47 GUIDED MISSILE DESTROYER	14,083.5	1,847.1	488.5	84.3	202.0-	1,469.4	154.4		17,935.2
CH-53E (SUPER STALLION) HELICOPTER	578.4	164.9-	64.2	89.5	136.4	81.5	90.7	3.0	879.0
*CVN-71 AIRCRAFT CARRIER	2,420.6					191.9			2,612.5
E-2C (HAWKEYE) AIRCRAFT	586.2	1,552.5	140.2	501.2	51.4	314.5	115.8		3,253.3

*PROGRAM ADDED SINCE SEPTEMBER 30, 1979

PROGRAM COST DATA APPEARING ON SELECTED ACQUISITION REPORTS
AT SEPTEMBER 30, 1990
(DOLLARS IN MILLIONS)

AGENCY AND PROGRAM	PLANNING AND/OR DEVELOPMENT ESTIMATE	QUANTITY	ENGT-NEERING	COST CHANGE DUE TO				SUPPORT SCHEDULE ECONOMIC	ESTI-MATING	SUMDRY	CURRENT ESTIMATE
				ENGT-NEERING	SUPPORT	SCHEDULE	ECONOMIC				
DEPARTMENT OF THE NAVY: (CONT.)											
F-14 (TOMCAT) AIRCRAFT	6,916.0	1,472.5	132.5	1,259.3	1,097.1	895.6	551.3	79.1	11,663.6		
F/A-18 (HORNET) AIRCRAFT	12,875.3	6,870.4	381.5	1,350.5	139.0	5,612.3	2,473.2	29,712.3			
FFG-7 SHIP	3,424.5	1,155.4	885.5	185.3	1,626.0	2,928.4	1,435.9	11,454.5			
HARM (AGM-88) MISSILE	1,357.9	17.0-	14.0		271.7	254.3	121.9	2,002.8			
HARPOON MISSILE SYSTEM	1,031.8	317.1	143.2	225.7	118.7	356.9	143.0	2,336.4			
LAMPS MK-III (SM-60B) SHIP SYSTEM	3,907.5	13.8	83.0-	264.4-	78.7-	799.8	1,195.0	5,401.1			
P-3C (ORION) AIRCRAFT	1,294.2	2,143.0	447.1	194.0	957.3	599.4	186.5	5,927.4			
PHALANX CLOSE-IN WEAPON SYSTEM	566.5	175.7	131.3	305.9	267.3	185.9	48.0	1,684.6			
PHM SHIP	726.2	533.1-	3.6	1.1	137.5	16.1	32.7	413.5			
PHOENIX (AIM-54A/C) MISSILE	536.4	192.8	91.7	112.3	624.8	250.0	153.3	2,021.4			
SIDEWINDER AIM-9L MISSILE	99.7	43.4	60.3	53.0	77.2	54.5	45.1	433.1			
SPARROW AIM-7F MISSILE	453.5	235.1	54.6	85.1	253.2	380.3	50.9	1,550.7			
SSN-588 SUBMARINE	5,747.5	3,128.1	127.7	275.5	41.5	2,153.2	238.3	12,125.5			
SURTASS ARRAY SENSOR	259.3		68.2	10.4	104.8	54.5	85.4	593.0			
TACTAS	601.1	38.9-	107.5	7.7-	27.3	285.5	219.3	1,194.2			
TOMAWAW (SLCM) MISSILE	2,422.9	693.2-	123.2	5.4	245.0	98.5	77.2	2,280.0			
TRIDENT SUB/MISSILE SYSTEM	12,431.1	8,011.9	8.0	58.5	2,626.5	4,890.1	198.1	28,751.3			
5" GUIDED PROJECTILE	500.5	265.9-	18.2		51.9	55.9	5.9-	354.7			
TOTAL (23)	72,222.0	24,759.0	3,600.8	4,510.5	8,781.8	22,079.4	7,913.0	1,159.8	145,026.3		

SELECTED MILITARY PROGRAMS
QUANTITY AND PROGRAM UNIT COSTS
(DOLLARS IN MILLIONS)

AGENCY AND PROGRAM	PLANNING AND/OR DEVELOPMENT ESTIMATE		CURRENT ESTIMATE: SEPTEMBER 30, 1980		NOTES
	QUANTITY	PROGRAM UNIT COST	QUANTITY	PROGRAM UNIT COST	
DEPARTMENT OF THE AIR FORCE:					
A-10 AIRCRAFT	743	3.351	835	7.229	
ADVANCED AIRBORNE COMMAND POST (E-4)	7	69.185	5	235.533	
AIRBORNE WARNING AND CONTROL SYSTEM (E-3A)	42	63.371	34	128.152	
ALCM MISSILE	3,459	1.209	3,442	1.548	
DEF SATELLITE COMM SYS (OSCS III-SPACE SGMT)	14	63.829	14	78.85	
EF-111A AIRCRAFT	42	15.045	42	32.339	
F-15 AIRCRAFT	749	9.82	749	18.95	
F-16 AIRCRAFT	658	9.201	1,396	13.404	
GROUND LAUNCHED CRUISE MIS- SILE (GLCM)	702	2.175	559	3.732	
HARM (AGM-88)					01
IIR MAVERICK (AGM-55D)	31,113	.051	32,553	.078	
POSITIONING & LOCATING STRIKE SYS	3	318.167	1	642.9	
SIDEWINDER AIM-9L MISSILE	5,724	.023	3,423	.05	
SPARROW AIM-7F MISSILE	4,900	.052	3,495	.11	
DEPARTMENT OF THE ARMY:					
AH-64 ATTACK HELICOPTER	545	5.895	545	10.746	
AN/TTC-39 COMMUNICATIONS (TRI-TAC)	308	2.601	170	5.359	

SELECTED MILITARY PROGRAMS
QUANTITY AND PROGRAM UNIT COSTS
(DOLLARS IN MILLIONS)

AGENCY AND PROGRAM	PLANNING AND/OR DEVELOPMENT ESTIMATE		CURRENT ESTIMATE: SEPTEMBER 30, 1990		NOTES
	QUANTITY	PROGRAM UNIT COST	QUANTITY	PROGRAM UNIT COST	
DEPARTMENT OF THE ARMY: (CONT.)					
BLACKHAWK UH-60A UH-60A HELICOPTER	1,123	2,055	1,117	5,35	
CH-47 HELICOPTER MODERNIZATION	354	4,293	354	6,332	
COPPERHEAD CANNON LAUNCHED GUIDED PROJECTILE	133,058	.009	44,706	.026	
DIVAD 6JM	522	5,122	522	5,52	
FIGHTING VEHICLE SYSTEM (FORMERLY IFV/CFV/MICV)	1,205	.603	5,903	1,131	
HELLFIRE MISSILE SYSTEM	24,841	.03	24,829	.041	
M-198 TOWED 155MM HOWITZER	564	.184	538	.401	
MULTIPLE LAUNCH ROCKET SYS (M270)	183	18,874	286	13,844	
PATRIOT MISSILE (SAM-D)	240	21,835	108	73,301	
PERSHING II MISSILE BATTERY	17	94,241	17	105,843	02
ROLAND MISSILE SYSTEM	184	5,084	99	19,584	
STANDOFF TARGET ACQ SYS (SOTAS)	28	45,814	20	52,65	
STINGER MISSILE SYSTEM	23,202	.02	30,551	.054	
TACTICAL FIRE DIRECTION SYSTEM	149	1,977	73	4,567	
XM-1 TANK	3,325	1,437	7,071	1,95	
DEPARTMENT OF THE NAVY:					
CAPTOR ANTI-SUB WEAPON SYSTEM	5,077	.054	324	.46	

CG-47 GUIDED MISSILE DESTROYER	16	880.219	18	936.4	
CH-53E (SUPER STALLION) HELICOPTER	74	7.8	53	15.585	
*CVN-71 AIRCRAFT CARRIER	1	2,420.6	1	2,612.5	03
E-2C (HAWKEYE) AIRCRAFT	30	19.54	97	33.539	
F-14 (TOMCAT) AIRCRAFT	469	12.625	491	23.039	
F/A-1R (HORNET) AIRCRAFT	811	15.875	1,377	21.578	
FFG-7 SHIP	50	64.89	54	212.307	
HARM (AGM-88) MISSILE	5,735	.202	5,566	.305	
HARPOON MISSILE SYSTEM	2,922	.353	2,637	.895	
LAMPS MK-III (SM-50B) SHIP SYSTEM	61	64.26	57	80.545	04
P-3C (ORION) AIRCRAFT	104	12.444	275	21.554	
PHALANX CLOSE-IN WEAPON SYSTEM	370	1.535	466	3.515	
PHM SHIP	30	24.21	6	68.917	
PHOENIX (AIM-54A/C) MISSILE	2,384	.225	2,874	.703	
SIDEWINDER AIM-9L MISSILE	3,564	.028	4,169	.104	
SPARROW AIM-7F MISSILE	10,785	.042	9,848	.157	
SSN-588 SUBMARINE	32	179.609	40	303.155	
SUQTASS ARRAY SENSOR	13	19.945	13	45.615	
TACTAS	126	4.771	104	11.483	
TOMAHAWK (SLCM) MISSILE	1,153	2.083	513	4.444	
TRIDENT SUB/MISSILE SYSTEM	10	1,243.11	14	2,053.654	05
5* GUIDED PROJECTILE	34,218	.015	13,973	.032	

*PROGRAM ADDED SINCE SEPTEMBER 30, 1979

NOTES

1. Classified data not presented.
2. Quantities are stated in battery equivalents.
3. Excludes F-14B development costs.
4. Unit costs onclude 210 helicopters in the development estimate and 209 helicopters in the current estimate.
5. Unit costs include 369 missiles in the development estimate and 568 missiles in the current estimate.

APPENDIX VII

APPENDIX VII

SUMMARY OF ACQUISITIONS AGED IN 10-YEAR INCREMENTS FROM ORIGINAL APPROVAL AND ESTIMATED COSTS AT SEPTEMBER 30, 1980 (DOLLARS IN MILLIONS)

AGENCY	NO. OF PROJ.	SUMMARY EST. COST	NO. OF PROJ.	EST. COST	NO. OF PROJ.	EST. COST	NO. OF PROJ.	EST. COST	NO. OF PROJ.	EST. COST	NO. OF PROJ.	EST. COST	NO. OF PROJ.	EST. COST
APPALACHIAN REGIONAL COMMISSION	1	10,348.2	1	10,348.2										
ARCHITECT OF THE CAPITOL	4	324.5	3	193.8	1	130.7								
CORPORATION FOR PUBLIC BROADCASTING	1	50.7	1	50.7										
DEPARTMENT OF COMMERCE:														
MARITIME ADMINISTRATION	10	1,091.7	10	1,091.7										
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	5	737.5	5	737.5										
DEPARTMENT OF DEFENSE:														
DEFENSE LOGISTICS AGENCY	1	69.1	1	69.1										
DEPARTMENT OF THE AIR FORCE	39	128,671.5	35	123,376.2	2	5,295.3								
DEPARTMENT OF THE ARMY	50	75,001.7	43	53,837.9	7	11,163.8								
DEPARTMENT OF THE NAVY	95	232,203.9	85	205,537.5	11	25,666.4								
OTHER DOD PROGRAMS	1	137.0	1	137.0										
DEPARTMENT OF ENERGY	83	22,547.5	79	21,194.8	2	1,172.9								
DEPARTMENT OF HEALTH AND HUMAN SERVICES:														
NATIONAL INSTITUTES OF HEALTH	2	179.4	2	179.4										
SOCIAL SECURITY ADMINISTRATION	1	55.5	1	55.6										
DEPARTMENT OF JUSTICE:														
FEDERAL BUREAU OF INVESTIGATION	1	55.4	1	55.4										
IMMIGRATION & NATURALIZATION SERVICE	1	59.5	1	59.5										
DEPARTMENT OF STATE	3	248.6	2	119.3	1	129.3								
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS	170	41,642.2	20	3,374.9	92	15,941.7	23	5,208.8	19	4,855.3	11	3,078.2	5	9,172.3
DEPARTMENT OF THE INTERIOR:														
INDIAN HEALTH SERVICE	1	32.8	1	32.8										
NATIONAL PARK SERVICE	35	2,623.0	15	822.9	19	1,755.5	1	44.5						
WATER & POWER RESOURCES SERVICE	54	16,222.8	28	4,570.3	17	8,335.3	4	527.1	1	77.9	2	2,514.3	2	97.0
DEPARTMENT OF THE TREASURY: INTERNAL REVENUE SERVICE	1	217.6	1	217.6										

OUR REPORTS ON SELECTED MAJOR ACQUISITIONSISSUED DURING FISCAL YEARS 1975-80

<u>Agency and projects</u>	<u>Latest report</u>	<u>Date</u>
Appalachian Regional Commission: Appalachian Development Highway	PSAD-76-155	11/03/76
Architect of the Capitol: Hart Senate Office Building	LCD-78-233	8/14/78
House Office Building Annex #2	LCD-79-319	7/19/79
Library of Congress Madison Building	LCD-79-330	9/17/79
Department of Commerce: National Oceanic and Atmospheric Administration: Automated Field Operations System	Letter report	8/04/76
Procurement & Property Manage- ment	PSAD-80-66	8/16/80
Department of Defense: Consistent & Uniform Inflation Impediments to Reducing Weapon Systems Costs	PSAD-78-8	3/20/78
Implications-Highly Sophisticated Weapons on Defense Capabilities	PSAD-80-6	11/08/79
Issues in 21 Recent Major Weapon Systems Reports	PSAD-80-61	6/30/80
"SARs" Defense Reports Should Provide More Information	PSAD-80-43	6/12/80
	PSAD-80-37	5/09/80
Defense Logistics Agency: Defense Integrated Data System	LCD-77-117	12/20/77
Department of the Air Force: A-10--Aircraft	a/C-PSAD-78-33	5/19/78
--Design to Cost	PSAD-78-79	3/20/78
--Integrated Logistics Support	C-LCD-80-2	10/30/79
Arnold Engineering Center	PSAD-80-51	5/22/80
AWACS--E-3A	PSAD-78-42	11/25/77
--NATO	ID-80-47	7/01/80
B-1 Bomber	PSAD-77-121	5/25/77
Cruise Missiles--Status	C-PSAD-80-19	2/28/80
--Nuclear Warhead	PSAD-79-4	11/07/78
Defense Satellite Communication	C-LCD-79-103	3/12/79
EF-111A--Development Decision	PSAD-80-71	8/27/80
--Cost Disclosure	PSAD-80-16	12/04/79
F-15--Aircraft	PSAD-79-23	1/26/79
--Contract Price Review	PSAD-80-4	10/24/79

a/Reports preceded by "C" are classified.

<u>Agency and projects</u>	<u>Latest report</u>	<u>Date</u>
Department of the Air Force (cont.):		
F-16--Aircraft	PSAD-79-63	6/25/79
--Contract Price Review	PSAD-78-3	10/24/79
--Integrated Logistics	LCD-80-89	8/20/80
HARM Missile	a/C-PSAD-80-22	2/29/80
JTIDS	PSAD-80-22	1/30/80
KC-10A Tanker/Cargo Aircraft	PSAD-79-8	1/05/79
Maverick Weapon System	C-PSAD-80-21	2/29/80
MX--Missile	PSAD-80-29	2/29/80
--Land Acquisition	PSAD-79-76	4/18/79
NAVSTAR--GPS	PSAD-80-21	2/15/80
Phase IV--Base Computers	FGMSD-80-30	1/24/80
Precision Locator Strike System	C-PSAD-80-23	2/29/80
Sparrow (AIM-7F)	C-PSAD-78-59	2/15/78
Strategic Airlift Requirements	PSAD-76-148	6/08/76
Strategic Air-Launched Missile	C-PSAD-80-16	2/25/80
WWMCCS	LCD-80-22A	6/30/80
Department of the Army:		
AH-64 Helicopter	C-PSAD-79-33	2/20/79
Blackhawk--(UTTAS) Helicopter	PSAD-77-31	2/25/77
--Design to Cost	PSAD-78-79	3/20/78
Chaparral Missile	C-PSAD-77-38	2/28/77
CH-47--Helicopter Modernization	PSAD-78-18	2/24/78
--Design to Cost	PSAD-78-79	3/20/78
--Integrated Logistics	LCD-78-415	5/03/78
Copperhead Guided Projectile	C-PSAD-79-34	2/20/79
DIVAD Gun	C-PSAD-80-9	1/31/80
Fort Campbell Hospital	HRD-77-5	11/18/76
Hawk Missile	PSAD-79-82	5/25/79
Hellfire Missile	C-PSAD-79-33	2/20/79
Infantry Fighting Vehicle	PSAD-80-27	2/05/80
Multiple Launch Rocket System	C-PSAD-80-20	2/26/80
NAVSTAR-GPS	PSAD-80-21	2/15/80
Patriot (SAM-D)	C-PSAD-80-27	7/31/80
Pershing II Missile	PSAD-77-51	1/24/77
Remotely Piloted Vehicle	PSAD-77-30	2/18/77
Roland Missile	PSAD-79-100	8/17/79
Single Channel Ground/Air Radio	C-LCD-80-11	8/15/80
Standoff Target System	C-PSAD-79-29	2/26/79
Stinger Missile	C-PSAD-78-20	3/15/78
Tactical Fire Direction System	LCD-78-116	6/02/78
TRI-TAC Communications System	C-LCD-79-107	2/23/79
XM-1 Tank	PSAD-80-20	1/29/80
Department of the Navy:		
5" Guided Projectile	C-PSAD-79-34	2/20/79
ADP-Pay System	FGMSD-80-71	9/26/80

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<u>Agency and projects</u>	<u>Latest report</u>	<u>Date</u>
Department of the Navy (cont.):		
AEGIS/DDG-47	a/C-PSAD-80-18	2/24/80
AV-8B Carrier Aircraft	PSAD-80-23	2/08/80
Captor Mine	C-PSAD-80-11	2/11/80
CH-53E Helicopter	PSAD-78-27	3/23/78
Cruise Missiles	C-PSAD-80-19	2/28/80
CVV Carrier	C-PSAD-78-24	3/15/78
DIFAR Sonobouy	C-PSAD-78-120	8/18/78
F-14--Tomcat Aircraft	C-PSAD-79-44	2/28/79
--Subcontract Reviews:		
General Electric Corp.	PSAD-79-15	1/04/79
Aeronco, Inc.	PSAD-79-45	3/12/79
Western Gear Corp.	PSAD-79-47	3/19/79
B. F. Goodrich	Letter Report	8/24/78
F/A-18--Aircraft	PSAD-80-24	2/14/80
--Cost Estimates	PSAD-80-74	8/19/80
--Ejection Seat Contract	PSAD-77-167	9/28/77
--Integrated Logistics	LCD-80-65	6/06/80
FFG-7--Ship	C-PSAD-80-15	2/25/80
--Design to Cost	PSAD-78-79	3/20/78
Fleet Oilers	PSAD-78-64	1/03/78
Fleet Oilers and Ocean Tugs	LCD-78-234A	8/30/78
HARM Missile	C-PSAD-80-22	2/29/80
Harpoon Missile	C-PSAD-77-21	2/10/77
High Energy Laser	C-PSAD-76-141	8/05/76
JTIDS	PSAD-80-22	1/30/80
Lamps MK-III	C-PSAD-80-13	2/21/80
Maverick Weapon System	C-PSAD-80-21	2/29/80
Mine Countermeasures	C-PSAD-78-22	3/31/78
MK-48 Torpedo	LCD-76-451	5/09/77
NAVSTAR-GPS	PSAD-80-21	2/15/80
P-3C Orion Aircraft	PSAD-75-60	4/18/75
PHM--Ship	C-PSAD-77-46	2/25/77
--Cost Reduction	PSAD-80-3	10/18/79
Phoenix Missile	C-PSAD-79-44	2/28/79
Ship Acquisition Process	PSAD-79-79	4/19/79
Shipbuilding Contract Management	PSAD-80-18	1/10/80
Sparrow (AIM-7F)	C-PSAD-78-59	2/15/78
SSN-688--Submarine	C-PSAD-79-18	2/09/79
--Contract Price Review	PSAD-80-68	8/18/80
Strategic Communications	C-PSAD-79-48	3/19/79
SURTASS	C-PSAD-80-12	2/21/80
TACTAS	C-PSAD-78-113	7/27/78
Torpedo Development/Improvement	PSAD-79-36	2/21/79
Trident--Sub/Missile System	C-PSAD-79-18	2/09/79
--Integrated Logistics	LCD-79-415	9/28/79
--Support Facilities	LCD-78-328	6/14/78
Uniformed Services University	MWD-76-122	5/05/76

a/Reports preceded by "C" are classified.

<u>Agency and projects</u>	<u>Latest report</u>	<u>Date</u>
Department of Energy:		
Clinch River Breeder Reactor	EMD-79-89	7/10/79
Cost of Savannah River Facility	PSAD-79-20	1/16/79
DP Site PU Facility, LASL, NM	PSAD-78-90	6/02/78
Fast Breeder Reactor Program	EMD-80-81	9/22/80
Fast Flux Test Facility	EMD-76-13	11/15/76
Fluidized Bed Combustion	EMD-80-12	11/09/79
Liquefying Coal	EMD-80-84	8/13/80
Magnetohydrodynamics	EMD-80-14	2/11/80
Nuclear Fuel & Safeguards	EMD-80-38	3/18/80
Ocean Thermal Energy	EMD-80-107	8/08/80
Pacific Northwest Intertie	EMD-80-100	9/24/80
Solar Energy Research Institute	EMD-80-106	8/18/80
Strategic Petroleum Reserves	PSAD-80-30	4/03/80
Strategic Petroleum Reserves	EMD-80-18	1/02/80
Tokomak Fusion Test Reactor	EMD-79-27	9/28/79
Uranium Enrichment Facilities	EMD-79-94	9/06/79
Department of the Army, Corps of Engineers:		
Catherine Creek Lake, Or.	CED-76-147	8/31/76
Clarence Cannon Dam, Mo.	PSAD-77-131	7/18/77
Cost Estimates for Water Resources Projects	PSAD-79-13	1/26/79
Hillsdale Lake, Ks.	CED-78-123	7/11/78
Lake Ponchartrain, La.	PSAD-76-161	8/31/76
Libby Reregulating Dam, Mt.	EMD-80-93	7/10/80
Little Blue River Lakes, Mo.	CED-78-179	9/22/78
New Melones Lake, Ca.	CED-80-29	12/21/79
Red River Waterway	CED-78-127	8/07/78
Department of the Interior:		
Water Resources Service:		
(Bureau of Reclamation):		
Central Arizona Project	CED-79-11	5/04/79
Central Valley, Ca.	EMD-78-18	11/21/77
Colorado River Storage Project	CED-78-123	7/11/78
Cost Estimates for Water Resources Projects	PSAD-79-13	1/26/79
Delores Project, Co.	CED-78-127	8/07/78
Fryingpan-Arkansas, Co.	RED-76-49	11/17/75
Palmentto Bend Dam	PSAD-78-43	12/16/77
Southern Nevada Water Project	CED-78-123	7/11/78
Teton Dam	CED-77-85	6/30/77
Department of Justice:		
Federal Bureau of Investigation:		
Computerized Criminal Investigation System	GGD-79-81	9/07/79

<u>Agency and projects</u>	<u>Latest report</u>	<u>Date</u>
Department of Transportation:		
Federal Aviation Administration:		
ARSR-3, Long-Range Radars Automated Flight Service Station	PSAD-76-154 PSAD-80-1	8/25/76 10/31/79
Improved Air Traffic Control Microwave Landing System	PSAD-77-13 PSAD-78-149	12/15/76 10/19/78
Federal Highway Administration:		
Bridge Surface Corrosion Darien Gap Highway Interstate Highway System:	PSAD-79-10 PSAD-78-65 RED-76-19	1/19/79 2/23/78 9/04/75
Crosstown Expressway-Chicago Eisenhower Tunnel-Co. I-279, Pittsburgh, Pa. I-5 & Peripheral Canal, San Joaquin & Sacramento, Ca.	CED-78-135 PSAD-76-85 RED-76-118 CED-78-65	6/30/78 2/17/76 5/28/76 3/10/78
Federal Railroad Administration:		
Federal Assistance to Railroads Northeast Corridor Improvement	CED-80-90 CED-79-38	6/27/79 3/29/79
U.S. Coast Guard:		
Harbor Tugboats Limited Resources Curtail Ability Medium Range Surveillance Aircraft	PSAD-79-17 CED-80-98 PSAD-77-63	1/15/79 4/03/80 1/17/77
Urban Mass Transportation Administration:		
Atlanta--Metro Rapid Transit Automated People Mover Proj- ects Cars for New Haven Railroad Dade County, Fl. & Baltimore, Md., Metro Rapid Transit Hinderances to Mass Transit Grants No Prejudice Authorizations U.S. Urban Railcar Manufac- turers vs. International Market Warranties on Equipment	PSAD-80-34 CED-80-98 RED-76-15 PSAD-80-49 CED-79-82 PSAD-80-36 CED-79-66 PSAD-80-12	4/09/80 8/19/80 9/17/75 6/05/80 6/05/79 3/14/79 7/09/79 12/07/79
Department of the Treasury:		
Internal Revenue Service: Computerized Tax Administration	LCD-76-115	1/17/77

<u>Agency and projects</u>	<u>Latest report</u>	<u>Date</u>
District of Columbia Government: District of Columbia University	GGD-78-77	5/15/78
Environmental Protection Agency: Chicago Tunnel & Reservoir MSD of Greater Chicago Multibillion Dollar Construction Grant Program	CED-79-77 PSAD-78-94 CED-77-113	5/15/79 5/24/78 9/12/77
Suffolk Co., NY., Sewer Project Warranties--Treatment Plants	CED-77-45 PSAD-80-11	3/22/77 11/16/79
General Services Administration: Planning and Budgeting for Public Buildings Russell Office Building	PAD-80-95 LCD-79-313	9/09/80 5/16/79
National Aeronautics and Space Administration: LANDSAT Pioneer Venus Space Telescope Space Transportation System Voyager (previously Mariner Jupiter/Saturn)	PSAD-78-58 PSAD-77-65 PSAD-80-15 PSAD-78-57 PSAD-77-103	4/17/78 11/07/77 1/03/80 8/04/78 5/20/77
National Science Foundation: Very Large Array Telescope	OPA-76-16	7/09/75
Pennsylvania Avenue Development Corporation	FOD-77-4A	7/20/77
Tennessee Valley Authority: Bellefonte Nuclear Plant, Al. Cost Estimates--Nuclear Power Plants Tellico Dam Triennial Assessment	PSAD-76-86 PSAD-79-49 EMD-77-58 EMD-80-91	3/01/76 3/22/79 10/14/77 8/13/80
Veterans Administration: Education Computer Target System Health Care Information System Hospital Replacements: Bay Pines, Fl. & Richmond, Va. Camden, NJ.	HRD-77-98 FGMSD-80-60 HRD-77-79 HRD-78-51	7/20/77 7/16/80 4/04/77 2/06/78
Washington Metropolitan Area Transit Authority: Cost Estimates Issues Being Faced Need to Resolve Metro Funding Operational Safety Warranties on Equipment	PSAD-78-141 CED-79-52 PSAD-78-123 PSAD-76-143 PSAD-79-41	12/08/78 4/10/79 6/29/77 5/28/76 2/27/79



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