

## **DOCUMENT RESUME**

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**Financial Status of Major Acquisitions June 30, 1976.**

**PSAD-77-62; B-182956. January 18, 1977. 102 pp.**

**Report to the Congress; by Elmer B. Staats, Comptroller General.**

**Issue Area: Federal Procurement of Goods and Services (1900);**

**Federal Procurement of Goods and Services: Notifying the**

**Congress of Status of Important Procurement Programs (1905);**

**Science and Technology (2000).**

**Contact: Procurement and Systems Acquisition Div.**

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**Procurement & Contracts (058).**

**Congressional Relevance: House Committee on Armed Services;**

**Senate Committee on Armed Services; Congress.**

Cost increases of \$176 billion, or 64%, over baseline estimates are shown in this report of 753 civil and military acquisitions currently in development, test, production, or construction phases. The acquisitions were expected to cost \$276 billion at their early or developmental stages, while present agency estimates are \$452 billion. The acquisitions reviewed in this report include both acquisitions financed solely with Federal funds and those financed jointly with Federal, State, and other funds. Civil agencies and departments provided cost growth analyses for acquisitions having increases of 100% or more. DOD provided cost growth breakdowns for only the weapons systems included in selected acquisition reports.

**Findings/Conclusions:** The agencies attributed cost increases to: changes in quantity; engineering changes; support system changes, including changes involving spare parts, ancillary equipment, warranty provisions, and Government-furnished property and/or equipment; schedule changes; economic changes, including inflation; errors in original cost estimates; and other changes such as environmental costs and relocation assistance for water and highway projects. Analyses of 148 civil acquisitions having 100% or more cost growth show that economic change, primarily inflation, accounts for 47% of the total cost growth and is the principal cause of increased project costs.

**(Author/SC)**

# REPORT TO THE CONGRESS



BY THE COMPTROLLER GENERAL  
OF THE UNITED STATES

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## Financial Status Of Major Acquisitions June 30, 1976

Cost increases of \$176 *billion*, or 64%, over baseline estimates are shown in this report of 753 civil and military acquisitions currently in development, test, production, or construction phases.

The acquisitions were expected to cost \$276 *billion* at their early or developmental stages; present agency estimates are \$452 *billion*.

For 201 projects, costs increased by \$150.9 *billion*. Of this amount, \$70.9 *billion*, or 47%, is attributed to inflation (i.e., economics). The other increases are attributed to changes in

- quantities ordered,
- system characteristics (engineering),
- spare parts or similar types of support needs,
- delivery dates (i.e., schedules), and
- original cost figures (estimates).



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

B-182956

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 this data have not been verified.

Because of the numerous projects involved, we obtained explanations for cost growth only for those weapons 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.

Our review was made pursuant to the Budget and Accounting Act, 1921 (31 U.S.C. 53), and the Accounting and Auditing Act of 1950 (31 U.S.C. 67).

Copies of this report are being sent to the Director, Office of Management and Budget; and to the Secretaries of the various departments and the heads of independent agencies involved.

A handwritten signature in black ink, reading "Thomas A. Heath".

Comptroller General  
of the United States

# C o n t e n t s

## FINANCIAL STATUS OF MAJOR ACQUISITIONS

JUNE 30, 1976

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### ABBREVIATIONS

RDT&E	research, development, test, and evaluation
DOD	Department of Defense

## FINANCIAL STATUS OF MAJOR ACQUISITIONS

JUNE 30, 1976

This report includes financial data on major acquisitions estimated to cost \$452 billion at completion--an increase of \$176 billion, or 64 percent, over initial estimates for these systems or over baseline estimates where the initial estimates were either not available or outdated. Totals for each agency are shown in appendix I.

Acquisitions included in this report are past the planning stage and in development, test, production, or construction phases. Completed projects are not included. Current estimates are as of June 30, 1976, except that the Corps of Engineers furnished current estimated costs as of October 1, 1976.

The Department of Defense (DOD) defines major programs as those with an estimated research, development, test, and evaluation (RDT&E) cost in excess of \$50 million or an estimated production cost in excess of \$200 million. Defence weapons systems acquisitions listed in this report conform to this definition.

Civil agencies generally have not established criteria for defining major acquisitions. Most civil agencies' major systems cost considerably less than those of DOD; therefore, we used a uniform threshold of \$25 million to define civil agencies' major acquisitions. The \$25 million threshold was also used for military construction projects and DOD computer acquisitions since they generally cost less than weapons systems.

For most Federal agencies the baseline estimate is the initial congressional authorization; for DOD weapons systems and National Aeronautics and Space Administration projects the baseline is the development estimate and the original estimate is the planning estimate. When the departments and agencies provided baseline figures based on more realistic definitions of scope than the initial estimates, the new baseline estimates were used for comparative purposes.

Cost growth of each system, a comparison of current and baseline estimates, is shown in appendix II. Unanticipated development difficulties, inflation, faulty planning, poor management, and poor estimating will increase the costs of major acquisitions. Cost growth cannot always be prevented or anticipated, particularly when a project is in development and production over long periods.

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

1. Quantity--changes including scope.
2. Engineering--changes altering the established physical or functional characteristics of a system.
3. Support--changes involving spare parts, ancillary equipment, warranty provisions, and Government-furnished property and/or equipment.
4. Schedule--changes in delivery schedule adjustments, 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 were made.
7. Sundry--changes other than the above categories, such as environmental costs and relocation assistance for water and highway projects.

Analyses of 148 civil acquisitions having 100 percent or more cost growth are shown in appendix III and are summarized in the following chart. Economic change, primarily inflation, accounts for 47 percent of the total cost growth and is the principal cause of increased project costs.

Type of change	Appalachian Regional Commission	Army Corps of Engineers	Department of Interior	Department of Transportation	Washington Metropolitan Area Transit Authority	Other civil agencies	Total changes
	(billions)						
Quantity	\$1.2	\$1.6	\$ .2	\$ 8.6	\$ .1	\$1.2	\$12.9
Engineering	1.9	2.2	.3	19.9	.2	.4	24.9
Support			.2	.1			.3
Schedule		.1			.7	.3	1.1
Economic	3.6	6.2	2.9	27.7	.9	1.4	42.7
Estimating		.6	.5	.4	1.0	1.2	3.7
Sundry		.2	.1	4.3	.1		4.7
Total	<u>\$6.7</u>	<u>\$10.9</u>	<u>\$4.2</u>	<u>\$61.0</u>	<u>\$3.0</u>	<u>\$4.5</u>	<u>\$90.3</u>
Number having 100 percent or more increase	1	83	20	4	1	39	148
Total civil projects	1	178	84	66	1	276	606

Cost data extracted from DOD's selected acquisition reports on weapons systems are shown in appendixes IV, V, and VI. Appendix IV shows details on the cost changes during the year ended June 30, 1976. Appendix V shows the cost growth data on the June 30, 1976, selected acquisition reports and is summarized in the following table. Appendix VI shows the planning and/or development estimates and the current estimates at June 30, 1976, for program quantities and unit costs.

Type of change	Department of			
	Air Force	Army	Navy	Defense (total)
	(billions)			
Quantity	\$ .8	\$ .1	\$ 5.6	\$ 6.5
Engineering	2.9	-.4	1.9	4.4
Support	-.3	.3	1.4	1.4
Schedule	5.0	1.3	4.7	11.0
Economic	11.4	6.0	10.8	28.2
Estimating	.2	1.1	4.0	5.3
Sundry	<u>2.1</u>	<u>.2</u>	<u>1.5</u>	<u>3.8</u>
Total	<u>\$22.1</u>	<u>\$8.6</u>	<u>\$29.9</u>	<u>\$60.6</u>

Appendix VII lists our staff studies and reports on individual major acquisitions issued during fiscal years 1974-76. If more than one study or report has been issued on a major acquisition, only the last study or report is shown.

## APPENDIX I

## APPENDIX I

**FINANCIAL STATUS OF MAJOR ACQUISITIONS  
SUMMARY BY AGENCY  
AT JUNE 30, 1974  
(DOLLARS IN MILLIONS)**

AGENCY -----	REFERENCE PAGE OF APP. II -----	NUMBER OF PROJECTS -----	ORIGINAL ESTIMATE -----	BASILINE ESTIMATE -----	CURRENT ESTIMATE -----	INCREASE OVER BASELINE ESTIMATE -----
APPALACHIAN REGIONAL COMMISSION	5	1	1,150.0	1,150.0	7,050.0	6,700.0
ARCHITECT OF THE CAPITOL	5	2	122.9	122.9	200.1	85.2
DEPARTMENT OF COMMERCE:						
MARITIME ADMINISTRATION	5	1	156.7	156.7	156.7	
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	5	5	303.5	305.1	334.0	28.9
DEPARTMENT OF DEFENSE:						
DEPARTMENT OF THE AIR FORCE	6	2	44,780.8	53,754.7	80,099.9	26,345.2
DEPARTMENT OF THE ARMY	8	40	27,556.4	27,205.4	36,799.5	9,594.1
DEPARTMENT OF THE NAVY	11	75	78,625.6	89,316.4	127,355.3	38,038.9
DEPARTMENT OF HEALTH, EDUCATION AND WELFARE:						
ALCOHOL, DRUG ABUSE AND MENTAL HEALTH ADMINISTRATION	17	1	130.3	130.3	130.3	
NATIONAL INSTITUTES OF HEALTH	17	2	66.0	95.2	95.4	.2
DEPARTMENT OF JUSTICE:						
FEDERAL BUREAU OF INVESTIGATION	18	1	55.4	55.4	57.2	1.8
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS	18	178	8,799.3	12,720.5	20,742.3	14,013.0
DEPARTMENT OF THE INTERIOR:						
BUNNEVILLE POWER ADMINISTRATION	32	6	313.9	330.9	454.1	123.2
BUREAU OF RECLAMATION	32	51	7,257.1	7,612.2	13,133.3	5,521.1
NATIONAL PARK SERVICE	37	27	1,306.8	1,502.6	1,910.4	407.8
DEPARTMENT OF TRANSPORTATION:						
FEDERAL AVIATION ADMINISTRATION	39	6	507.9	621.1	677.3	56.2
FEDERAL HIGHWAY ADMINISTRATION	39	6	30,044.4	30,045.0	90,700.0	60,655.6
FEDERAL RAILROAD ADMINISTRATION	44	1	1,900.0	1,919.0	1,900.0	
U.S. COAST GUARD	45	7	700.3	701.3	931.5	231.2
URBAN MASS TRANSPORTATION ADMINISTRATION	45	46	6,633.5	6,635.0	7,211.5	576.5
DISTRICT OF COLUMBIA GOVERNMENT	52	17	660.0	660.0	709.7	41.7
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION	54	38	6,524.0	6,536.0	9,546.0	3,009.0
ENVIRONMENTAL PROTECTION AGENCY	58	155	7,105.0	7,105.0	9,771.3	2,666.3
GENERAL SERVICES ADMINISTRATION	71	15	606.1	761.4	820.4	59.0
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	72	13	6,062.1	7,305.7	9,022.9	1,717.2
NATIONAL RAILROAD PASSENGER CORPOR- ATION	73	5	377.1	377.1	559.5	182.4
NATIONAL SCIENCE FOUNDATION	73	1	76.0	76.0	78.1	2.1
TENNESSEE VALLEY AUTHORITY	73	10	0,032.0	0,032.0	10,930.0	2,096.0
VETERANS ADMINISTRATION	75	7	337.2	365.1	474.0	108.9
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	75	1	2,494.6	2,494.6	5,512.3	3,017.7
TOTAL		753	249,573.9	276,409.4	452,100.4	176,391.0



ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(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	FEDERAL SHARE	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT		
APPALACHIAN REGIONAL COMMISSION:										
APPALACHIAN DEVELOPMENT HIGHWAY (APP. III, P. 78)	1965	1,150.0	1965	1,150.0	2,705.0		7,050.0	6,700.0	503	01
ARCHITECT OF THE CAPITOL:										
EXTENSION OF THE VIKSEN OFFICE BUILDING	10/72	47.9	10/72	47.9			85.1	37.2	70	
LIBRARY OF CONGRESS, JAMES MADISON BUILDING	10/65	75.0	03/68	75.0			123.0	48.0	64	33.0
AGENCY TOTAL		122.9		122.9			208.1	85.2		
DEPARTMENT OF COMMERCE:										

**MARITIME ADMINISTRATION:**

**FARRELL LINES CONTAINER SHIPS**  
(R/L 74RSB-36H)

**NATIONAL OCEANIC AND ATMOSPHERIC  
ADMINISTRATION:**

# AUTOMATION OF FIELD OPERATIONS AND SERVICES

# GUSTATORY OPERATIONAL

ENVIRONMENTAL SATELLITE - B AND  
GEOSTATIONARY OPERATIONAL  
ENVIRONMENTAL SATELLITE - D, E  
AND F

# IMPROVED TIROS OPERATIONAL

SATELLITE - H. I AND J

NOAA A THROUGH G (TIROS - 4)

**SUB TOTAL**

AGENCY TOTAL

78.9

02 02 02 02

46.5	1.1	2	
44.8	13.6	45	02
69.5	7.0	11	02
31.5	9-	3-	02
141.7	7.9	6	02
334.0	29.9		
490.7	29.9		

## APPENDIX II

## APPENDIX II

ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(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:											
DEPARTMENT OF THE AIR FORCE:											
CONSTRUCTION:											
EUROPE, AIRFIELD PROTECTIVE FACILITIES	10/74	52.7	10/74	52.7		55.3	2.6	5			
KEESLER AFB, MS, COMPOSITE MEDICAL FACILITY	10/74	43.1	10/74	43.1		34.4	8.7-	20-			
LACKLAND AFB, TX, COMPOSITE MEDICAL FACILITY	10/74	97.6	10/74	97.6		100.9	3.3	3			
SYSTEMS:											
A-10 AIRCRAFT (APP. V, P. 93)	04/70	1,025.5	01/73	2,409.7		4,204.8	1,715.1	69	1,045.1		
ADVANCED AIRBORNE COMMAND POST (E-4) (APP. V, P. 93)	01/73	467.8	09/73	484.3		695.1	210.8	44	213.6		03
ADVANCED MEDIUM STOL TRANSPORT	06/76	5,970.5	06/76	5,970.5		5,970.5			5,123.3		04
ADVANCED TANKER/CARGO AIRCRAFT	11/75	2,901.2	11/75	2,901.2		2,901.2			2,622.2		03
AGILE RADAR (MDT & E ONLY)	06/75	53.0	06/75	53.0		53.0					
ARMY FORCE SATELLITE COMMUNICATIONS (AFSATCOM) PROGRAM	06/76	167.5	06/76	167.5		167.5					03
ARMY FORCE SATELLITE COMMUNICATIONS (AFSATCOM) PROGRAM	11/68	2,656.7	06/71	2,661.6		3,559.7	898.1	34	156.5-		
ARMY FORCE SATELLITE COMMUNICATIONS (AFSATCOM) PROGRAM	03/75	420.1	03/75	420.1		466.1	40.0	10	36.0		04
ARMY FORCE SATELLITE COMMUNICATIONS (AFSATCOM) PROGRAM	03/69	8,954.5	06/70	11,218.8		21,619.0	10,400.2	93	1,016.0		
ARMY FORCE SATELLITE COMMUNICATIONS (AFSATCOM) PROGRAM	06/78	120.1	02/75	371.5		373.2	1.7		1.7		

# APPENDIX II

## ESTIMATED COST DATA COMPARISON FOR MAJOR MILITARY AND CIVIL ACQUISITIONS AT JUNE 30, 1976 (DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE DATE	AMOUNT	DATE	ESTIMATE AMOUNT	NON- FEDERAL SHARE	CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE AMOUNT	NOTES
						AMOUNT	DATE			
DEPARTMENT OF DEFENSE: (CONT.)										
DEPARTMENT OF THE AIR FORCE: (CONT.)										
SYSTEMS: (CONT.)										
DEFENSE SATELLITE COMMUNICATIONS SYSTEM (USCS II) - THE SPACE SEGMENT										
EF-111A AIRCRAFT (APP. V. P. 93)	06/76	505.3	06/76	505.3		505.3				03
F-15 AIRCRAFT (APP. V. P. 93)	05/75	631.9	05/75	631.9		592.3		39.6-		02
F-16 AIRCRAFT (APP. V. P. 93)	03/69	6,039.1	01/70	7,355.2		12,171.1		4,815.9	1,350.6	
JOINT SURVEILLANCE SYSTEM	01/76	6,054.5	01/76	6,054.5		6,054.5			207.7	02
LASER/II R MAVERICK	10/75	125.3	10/75	125.3		112.4		12.9-		04
MAVERICK MISSILE (AGM-65A/B) (APP. V. P. 93)	04/74	686.2	04/74	686.2		1,207.6		521.4		04
MINUTEMAN II MISSILE	10/65	257.9	07/68	383.4		595.6		212.2	166.9-	
MINUTEMAN III MISSILE (APP. V. P. 93)	1963	3,014.1	05/67	4,254.9		5,216.5		961.6	105.9	
MYSTIC (TOMA DIGITAL DATA) LINK	1966	2,695.5	03/68	4,673.8		7,778.2		3,104.4	531.9	02
NAVSTAR GLOBAL POSITIONING SYSTEM (ROT & E ONLY)	09/74	83.0	09/74	83.0		187.2		104.2	104.2	
POSITIONING & LOCATING STRIKE SYSTEM	12/73	122.7	12/73	122.7		231.9		109.2	20.7	04,05
SATELLITE DATA SYSTEM (SDS)	06/75	550.9	06/75	550.9		583.9		33.0	33.0	
SHRIKE MISSILE	06/76	281.8	06/76	281.8		281.8				03
	04/73	241.8	04/73	241.8		502.3		260.5	61.0	02

# APPENDIX II

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(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:											
SYSTEMS:											
SIDEWINDER AIM-9L MISSILE (APP. V. P. 93)	06/71	133.7	06/71	133.7		392.7	259.0	194	151.0	02.06	
SLAR (RDT & E ONLY)	07/73	79.5	07/73	79.5		79.5				03	
SPARROW III F MISSILE (APP. V. P. 93)	01/67	11.7	03/69	254.1		811.4	557.3	219	279.9	06	
SRAM MISSILE	10/64	167.1	04/65	236.6		2,432.5	2,195.9	920	249.2		
TACTICAL LORAN DIGITAL AVIONICS	06/76	168.5	06/76	168.5		168.5			117.8	02	
SUB TOTAL		44,780.8		53,754.7		80,099.9	26,345.2				
DEPARTMENT OF THE ARMY:											
CONSTRUCTION:											
FORT BENNING, GA, EM BARRACKS COMPLEX	02/74	25.0	02/74	25.0		26.4	1.4	6			
FORT BENNING, GA, EM BARRACKS COMPLEX	10/74	28.4	10/74	28.4		22.7	5.7-	20-			
FORT CAMPBELL, KY, EM BARRACKS COMPLEX	12/72	31.5	12/72	31.5		35.5	4.0	13	7.6-		
FORT MOOD, TX, EM BARRACKS COMPLEX	10/74	29.6	10/74	29.6		23.4	6.2-	21-			
FORT KNOX, KY, HOSPITAL ADDITION/ALTERATION	10/74	42.3	10/74	42.3		33.3	9.0-	21-			

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE DATE	AMOUNT	DATE	ESTIMATE AMOUNT	NON- FEDERAL SHARE	CURRENT ESTIMATE		TOTAL AMOUNT	INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE AMOUNT	NOTES
DEPARTMENT OF DEFENSE: (CONT.)												
DEPARTMENT OF THE ARMY: (CONT.)												
CONSTRUCTIONS: (CONT.)												
FORT LEONARD WOOD, MO, EM BARRACKS COMPLEX	11/72	32.2	01/75	41.3				46.3	5.0	12	.6-	
FORT LEWIS, WA, EM BARRACKS COMPLEX	11/74	29.0	11/75	25.3				21.8	3.5-	14-		
FORT POLK, LA, EM BARRACKS COMPLEX	07/74	38.1	07/74	38.1				30.9	7.2-	19-		
FORT STEWART, GA, EM BARRACKS COMPLEX	02/72	28.6	02/72	28.6				26.8	1.8-	6-	2.3-	
FORT STEWART, GA, EM BARRACKS COMPLEX	10/74	34.6	11/75	33.3				24.2	9.1-	27-		
GERMANY, MODIFICATION OF STORAGE SITES	10/74	34.0	10/74	34.0				34.0				
WALTER REED ARMY MEDICAL CENTER, DC, HOSPITAL	02/71	112.5	10/75	134.7				134.6	.1-		.1-	
SYSTEMS:												
AAM HELICOPTER (APP. V, P. 93)	05/73	1,800.2	05/73	1,800.2				3,458.9	1,658.7	92	623.4	04
ADVANCED SCOUT HELICOPTER	03/76	2,601.2	03/76	2,601.2				2,601.2			1,810.2	04
AN/TCC-39 COMMUNICATIONS SWITCH (TRI-TAC) (APP. V, P. 93)	07/74	801.1	07/74	801.1				1,026.1	225.0	28	10.0	02
AN/TQU-37 ARTILLERY LOCATING RADAR SET	08/74	226.4	08/74	226.4				221.8	4.6-	2-	14.1-	04
HUSHMASTER GUN	12/69	577.1	12/69	577.1				485.4	91.7-	16-	68.0	04

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FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE	NOTES
							TOTAL	AMOUNT			
DEPARTMENT OF DEFENSE:	(CONT.)										
DEPARTMENT OF THE ARMY:	(CONT.)										
SYSTEMS:	(CONT.)										
CANNON LAUNCHED GUIDED PROJECTILE (CUPPERHEAD) (APP. V. P. 93)		06/75	1,116.2	09/75	1,240.7		1,219.3	21.4-	2-	103.1	
CH-47 HELICOPTER MODIFICATION		12/75	1,344.2	12/75	1,344.2		1,562.8	218.6	16	678.5	02
CHAPARRAL MISSILE		01/66	95.4	01/66	95.4		501.2	405.8	425	88.2-	02
DEFENSE SATELLITE COMMUNICATIONS SYSTEM (USCS II) - THE GROUND SEGMENT		06/75	839.0	06/75	839.0		902.8	63.8	8		02
DRAGON MISSILE (APP. V. P. 93)		10/65	382.2	02/66	404.2		805.7	481.5	119	176.8	
HEAVY LIFT HELICOPTER (RDT & E ONLY)		11/72	189.9	11/72	189.9		188.8	1.9-	1-	30.9-	04
MELLFIRE MISSILE (APP. V. P. 93)		12/72	283.9	03/76	735.1		735.1			297.7	
IMPROVED HAWK MISSILE (APP. V. P. 93)		10/64	335.5	09/68	508.2		1,048.7	460.5	78	64.1	
LANCE MISSILE (APP. V. P. 94)		08/63	586.7	06/67	652.9		1,004.4	351.5	94	150.8	
MECHANIZED INFANTRY COMBAT VEHICLE (APP. V. P. 94)		07/71	209.4	04/72	245.4		763.0	517.6	211	361.6	
NAVSTAR GLOBAL POSITIONING SYSTEM (RDT & E ONLY)		12/73	17.1	12/73	17.1		40.9	23.8	139	6.9	04.05
PATRIOT MISSILE (SAM-D) (APP. V. P. 94)		08/65	4,916.8	03/72	5,240.5		5,953.8	713.3	14	348.8	
PERSHING II MISSILE		01/74	562.0	01/74	562.0		924.4	362.4	64	34.1	04

## APPENDIX II

ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AS OF JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	
DEPARTMENT OF DEFENSE: (CONT.)									
DEPARTMENT OF THE ARMY: (CONT.)									
SYSTEMS: (CONT.)									
ROLAND MISSILE (APP. V, P. 94)	05/75	1,119.5	05/75	1,119.5		1,186.9	67.4	6	02
SINGLE CHANNEL GROUND/AIR RADIO (RUT & E ONLY)	02/76	78.9	02/76	78.9		78.9			04
STINGER MISSILE (APP. V, P. 94)	07/72	473.8	07/72	473.8		928.5	454.7	96	02
TACTICAL FIRE DIRECTION SYSTEM (APP. V, P. 94)	11/67	123.6	12/67	160.5		454.1	293.6	183	
TACTICAL OPERATIONS SYSTEM (RUT & E ONLY)	06/74	44.8	06/74	44.8		44.8		0	04
TACTICAL SATELLITE COMMUNICATIONS (TACSATCOM)	06/75	513.3	06/75	513.3		528.9	15.6	3	02
TOW MISSILE (APP. V, P. 94)	01/66	410.4	09/66	727.3		1,063.0	335.7	46	
UTTAS HELICOPTER (APP. V, P. 94)	06/71	2,307.3	06/71	2,307.3		3,364.8	1,057.5	46	02
XN-1 TANK (APP. V, P. 94)	12/72	3,005.4	12/72	3,005.4		4,918.7	1,913.3	64	04
XN-198 HOWITZER (APP. V, P. 94)	02/70	129.5	08/75	121.9		247.5	125.6	103	
SUB TOTAL		25,556.6		27,205.4		36,799.5	9,594.1		

## DEPARTMENT OF THE NAVY:

## CONSTRUCTION:

EASTERN TEST RANGE, PATRICK AF  
BASE, FL, WHARF AND DREDGING

06/73 31.3 06/73 31.3

0.2

1

0.6-

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## ESTIMATED COST DATA COMPARISON FOR MAJOR MILITARY AND CIVIL ACQUISITIONS AT JUNE 30, 1976 (DOLLARS IN MILLIONS)

NOTES  
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YEARLY  
CHANGE  
-----  
AMOUNT

INCREASE OR  
DECREASE (-) FROM  
BASELINE ESTIMATE  
-----  
AMOUNT %

CURRENT ESTIMATE  
-----  
TOTAL  
AMOUNT

NON-  
FEDERAL  
SHARE

BASELINE ESTIMATE  
-----  
AMOUNT

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

AGENCY AND PROJECT

DEPARTMENT OF DEFENSE: (CONT.)

DEPARTMENT OF THE NAVY: (CONT.)

CONSTRUCTION: (CONT.)

NATIONAL NAVAL MEDICAL CENTER,  
RETHERSDA, MD, MODERNIZATION

NAVAL ACADEMY, ANNAPOLIS, MD,  
ENGINEERING STUDIES COMPLEX,  
PHASES 1-3

TRIDENT SUPPORT SITE, BANGOR,  
WA, TRAINING FACILITY,  
INCREMENT 1 & 2

TRIDENT SUPPORT SITE, BANGOR,  
WA, UTILITIES & SITE  
IMPROVEMENTS, 1ST INCREMENT

TRIDENT SUPPORT SITE, BANGOR,  
WA, UTILITIES & SITE  
IMPROVEMENTS, 2ND INCREMENT

TRIDENT SUPPORT SITE, BANGOR,  
WA, UTILITIES & SITE  
IMPROVEMENTS, 3RD INCREMENT

UNIFORMED SERVICES UNIVERSITY  
OF HEALTH SCIENCES, BLTHESDA,  
MD

SYSTEMS:

5" GUIDED PROJECTILE (MUT & E  
ONLY)

A" GUIDED PROJECTILE (MUT & E  
ONLY)

A-4M AIRCRAFT

93

93

92

# APPENDIX II



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## ESTIMATED COST DATA COMPARISON FOR MAJOR MILITARY AND CIVIL ACQUISITIONS AT JUNE 30, 1976 (DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE				CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE AMOUNT	NOTES
	DATE		AMOUNT		NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%		
	DATE	AMOUNT	DATE	AMOUNT						
DEPARTMENT OF DEFENSE: (CONT.)										
DEPARTMENT OF THE NAVY: (CONT.)										
SYSTEMS: (CONT.)										
A-6E AIRCRAFT	1970	574.6	1970	574.6		958.7	384.1	67	17.5	02
A-7E AIRCRAFT (APP. V, P. 94)	05/68	1,465.6	05/68	1,465.6		3,172.1	1,706.5	116		02
ACV, AMPHIBIOUS ASSAULT LANDING CRAFT, (RDT & E ONLY)	1971	163.7	1971	163.7		163.7				03
AD DESTROYER TENDER	1973	90.6	1973	90.6		1,347.5	1,256.9	1,387	330.9-	02
ADV ASW TORPEDO (RDT & E ONLY)	12/75	535.5	12/75	535.5		535.5				03
ADVANCED SIGNAL PROCESSOR	10/73	388.3	10/73	388.3		388.3			50.5	03
AEGIS MISSILE (RDT & E ONLY) (APP. V, P. 94)	04/68	388.0	01/70	427.6		587.8	160.2	37	11.0	
AM-1J HELICOPTER (PROCUREMENT ONLY)	1968	29.0	1968	29.0		272.1	243.1	838	18.9	02
AN/BQQ-5 SONAR	09/70	429.6	09/70	429.6		914.0	484.4	113	346.0-	02
AN/UNK-5 SHIPBOARD MANAGEMENT INFO SYSTEM COMPUTER REPLACEMENT	01/76	31.4	01/76	31.4		31.4				03
AO FLEET OILER	1975	708.0	1975	708.0		1,196.3	488.3	69	95.8	02
AS SUBMARINE TENDER	1973	412.9	1973	412.9		584.4	171.5	42	221.5-	02
AV-8B (RDT & E ONLY)	05/76	582.2	05/76	582.2		582.2				03
CAPTOR ANTI SUBMARINE WEAPONS SYSTEM (APP. V, P. 94)	1971	329.2	1971	329.2		799.5	470.3	143	113.5-	02
CGN-38 FRIGATE (APP. V, P. 94)	02/69	769.2	12/71	820.4		1,251.7	431.2	53	353.3-	

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE	DATE	AMOUNT	DATE	AMOUNT	CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE	NOTES
						NON- FEDERAL SHARE	TOTAL AMOUNT			
DEPARTMENT OF DEFENSE: (CONT.)										
DEPARTMENT OF THE NAVY: (CONT.)										
SYSTEMS: (CONT.)										
CM-53E HELICOPTER (APP. V. P. 94)	04/73	578.4	04/73	578.4			750.6	172.2	30	165.5 02
CONDOR MISSILE (APP. V. P. 94)	11/65	356.3	1970	441.0			590.3	149.3	34	167.1 03
CS2D (RDT & E ONLY)	06/74	214.8	06/74	214.8			214.8			02
CSGN STRIKE CRUISER	1976	2,764.6	1976	2,764.6			2,764.6			
CVN-68 CLASS AIRCRAFT CARRIER (PROCUREMENT ONLY) (APP. V. P. 94)	1976	3,893.5	1976	4,010.2			4,653.2	643.0	16	2,026.0
DD-963 DESTROYER (APP. V. P. 94)	11/67	1,784.4	06/70	2,581.2			3,810.8	1,229.6	48	133.8
DDG-47 (GUIDED MISSILE DESTROYER)	1976	5,041.7	1976	5,041.7			5,641.7			02
DIFAR SONOBUOY SYSTEM	07/66	86.3	04/68	262.3			401.9	139.6	53	57.7
E-2C (HAWKEYE) AIRCRAFT (APP. V. P. 95)	07/68	586.2	07/68	586.2			1,098.6	1,312.4	224	568.7 02
EA-68 AIRCRAFT	11/64	689.7	04/62	817.7			1,981.5	1,163.8	142	334.2
ELF COMMUNICATIONS (SANGUINE)	06/75	534.0	06/75	534.0			507.5	26.5-	5-	
F-14 (TOMCAT) AIRCRAFT (APP. V. P. 95)	01/69	6,166.0	01/69	6,166.0			8,676.1	2,510.1	41	560.6 02
F-18 AIRCRAFT (APP. V. P. 95)	1975	12,831.1	1975	12,831.1			12,831.0	.1-		599.0- 02
FFG-7 SHIP (APP. V. P. 95)	04/74	3,244.5	04/74	3,244.5			9,014.8	5,770.3	178	2,232.6 02

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## ESTIMATED COST DATA COMPARISON FOR MAJOR MILITARY AND CIVIL ACQUISITIONS AT JUNE 30, 1976 (DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE	DATE	AMOUNT	DATE	AMOUNT	CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE	NOTES
						NON- FEDERAL SHARE	TOTAL AMOUNT			
DEPARTMENT OF DEFENSE: (CONT.)										
DEPARTMENT OF THE NAVY: (CONT.)										
SYSTEMS: (CONT.)										
FLEET SATELLITE COMMUNICATION SYSTEM	01/74	822.4	01/74	822.4			728.6	93.8-	11-	02
MAHM MISSILE	07/72	208.4	07/72	208.4			890.3	681.9	327	04
HARPOON MISSILE (APP. V, P, 95)	07/70	1,071.4	06/74	1,031.8			1,421.7	389.9	38	
HIGH ENERGY LASER (RDT & E ONLY)	05/68	218.3	05/68	218.3			218.3		14.0	03
LAMPS MK I (PROCUREMENT ONLY)	06/73	268.3	06/73	268.3			217.7	49.4	18	02
LAMPS MK III (APP. V, P, 95)	09/73	1,315.4	1976	2,538.5			2,538.5		367.8	
LHA SHIP (APP. V, P, 95)	04/69	1,380.3	04/69	1,380.			1,275.5	104.8-	8-	02
LVA, LANDING VEHICLE ASSAULT, (RDT & E ONLY)	1974	165.1	1974	165.1			165.1			-03
M-60 A1 TANK (PROCUREMENT ONLY)	12/72	149.3	12/72	149.3			257.1	107.8	72	02
MK-46 IMPROVEMENT PROGRAM	02/75	121.9	02/75	121.9			510.2	388.3	319	02
MK-48 TORPEDO (APP. V, P, 95)	03/64	720.5	11/71	1,753.8			1,984.3	230.5	13	
MK-71 GUN	1969	263.0	1969	263.0			321.3	58.3	22	04
MSS	01/74	141.8	01/74	141.8			141.8			03
NAVSTAR GPS (RDT & E ONLY)	12/73	29.2	12/73	29.2			93.0	63.8	218	04,05
P-3C (ORION) AIRCRAFT (APP. V, P, 95)	06/67	1,294.2	06/67	1,294.2			3,539.6	2,245.4	173	02
PHALANX CIWS (APP. V, P, 95)	01/73	568.5	01/73	568.5			933.9	365.4	64	02

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE	NOTES
							TOTAL	%			
							AMOUNT			AMOUNT	
DEPARTMENT OF DEFENSE:	(CONT.)										
DEPARTMENT OF THE NAVY:	(CONT.)										
SYSTEMS:	(CONT.)										
PHM SHIP (A1 V, P, 95)	02/73	726.2	02/73	726.2			407.8		318.4-	44-	868.7- 02
PHOENIX MISSILE (APP. V, P, 95)	1963	370.8	06/63	536.4			1,372.7		836.3	156	138.9
PHAM (RDT & E ONLY)	03/76	148.8	03/76	148.8			148.8				03
S-3A (VIKING) AIRCRAFT (APP. V, P, 95)	11/67	1,763.8	08/69	2,891.1			3,435.6		541.9	19	108.6
SIDEWINDER AIM-9L MISSILE (APP. V, P, 95)	06/71	99.7	06/71	99.7			292.		192.5	193	111.1 02,06
SIRCS (RDT & E ONLY)	06/76	570.1	06/76	570.1			570.				03
SOSUS (CAESAR) ANTI SUBMARINE DETECTION & TRACKING SYSTEM	03/72	1,434.0	03/72	1,434.0			2,075.2		641.2	45	244.9 02
SPARROW III-7r MISSILE (APP. V, P, 95)	05/65	139.8	06/68	453.6			851.1		397.5	88	61.9 06
SSN-688 SUBMARINE (APP. V, P, 95)	02/69	1,658.0	01/71	5,747.5			9,690.8		3,943.3	69	1,067.7
STANDARD ER AND MR MISSILES	1964	313.2	1964	313.2			1,658.1		1,344.9	429	772.5 04
SURFACE EFFECT SHIPS (RDT & E ONLY)	1973	523.3	1973	523.3			707.1		183.8	35	110.0 04
SURTASS ARMY SENSOR (APP. V, P, 95)	06/73	19.1	11/74	259.3			492.6		233.3	90	7.0
TACTAS (AN/SUK-18619)	06/76	946.4	06/76	946.4			946.4				02

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(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.)											
TASES SIGNAL SYSTEM (RDT & E ONLY)	04/76	130.8	04/76	130.8		131.7	.9	1	48.5-		04
TEST BED DEVELOPMENT AND DEMONSTRATION (RDT & E ONLY)	05/68	448.6	05/68	448.6		448.6			293.8		03
TOMAHAWK (SLCM) MISSILE	1975	2,524.6	1975	2,524.6		2,354.0	170.6-	7-	226.9-		04
TRIDENT SUB/MISSILE SYSTEM (APP. V. P. 95)	12/71	11,286.5	01/74	12,431.1		10,849.0	6,417.9	52	2,521.3		
UH-1H HELICOPTER (PROCUREMENT ONLY)	1970	67.1	1970	67.1		270.4	203.3	003	36.2-		02
US-3A (VCX) AIRCRAFT	1975	393.9	1975	393.9		394.9	1.0		.1-		02
SUB TOTAL		78,625.6		89,316.4		127,355.3	38,038.9				
AGENCY TOTAL		148,963.0		170,276.5		244,254.7	73,978.2				
DEPARTMENT OF HEALTH, EDUCATION AND WELFARE:											01
ALCOHOL, DRUG ABUSE AND MENTAL HEALTH ADMINISTRATION:											
ST. ELIZABETH HOSPITAL, WASHINGTON, DC	04/76	130.3	04/76	130.3		130.3					
NATIONAL INSTITUTES OF HEALTH:											
LISTER HILL NATIONAL CENTER FOR BIOMEDICAL COMMUNICATIONS, MD	04/70	15.0	03/75	26.0		26.2	.2				

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	FEDERAL SHARE	NON-FEDERAL SHARE	AMOUNT	%	
DEPARTMENT OF HEALTH, EDUCATION AND WELFARE: (CONT.)									01
NATIONAL INSTITUTES OF HEALTH: (CONT.)									
NATIONAL ENVIRONMENTAL HEALTH SCIENCES CENTER, NC	02/72	51.0	03/75	69.2			69.2		
SUB TOTAL		66.0		95.2			95.4	.2	
AGENCY TOTAL		196.3		225.5			225.7	.2	
DEPARTMENT OF JUSTICE:									01
FEDERAL BUREAU OF INVESTIGATION:									
AUTOMATED IDENTIFICATION DIVISION SYSTEM	08/71	55.4	08/71	55.4			57.2	1.8	3
DEPARTMENT OF THE ARMY, COMPS OF ENGINEERS:									01
BEACH EROSION:									
EAST ROCKAWAY INLET TO ROCKAWAY INLET AND JAMAICA BAY, NY (PART I)	1973	26.0	1973	26.0	17.2		34.4	8.4	32
FIRE ISLAND INLET TO JONES INLET, NY	1963	16.2	1971	19.4	15.0		38.0	18.6	96
SUB TOTAL		42.2		45.4	32.2		72.4	27.0	11.9
FLOOD CONTROL:									
ALUM CREEK LAKE, OH	1963	22.7	1970	35.5			52.3	14.8	47
APPLEGATE LAKE, OH	1963	14.7	1976	54.7			81.2	26.5	48
AQUILLA DAM AND LAKE, TX	1965	23.6	1976	43.5			51.3	7.8	18



ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(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, COMPS OF ENGINEERS: (CONT.)											
FLOOD CONTROL: (CONT.)											
CARR FORK LAKE, KY (APP. III, P. 78)	1962	9.0	1965	11.2		46.3	35.1	313		.8	
CATHERINE CREEK LAKE, OR	1965	7.9	1973	19.3	.2	33.2	13.9	72		4.5	
CAVE RUN LAKE, KY (APP. III, P. 78)	1935	1.8	1965	25.4		62.6	37.2	146		8.2	
CENTRAL AND SOUTHERN FL (APP. III, P. 78)	1948	323.9	1960	323.9	247.8	807.9	484.0	149		22.8	
CHARLES RIVER DAM, MA	1968	26.5	1972	31.8	20.2	61.7	29.9	94		9.6	
CHARTIENS CREEK, PA	1965	20.3	1968	23.9	9.1	38.0	14.1	59		8.1	
CHATFIELD LAKE, CO	1957	34.2	1967	74.0	6.5	94.5	20.5	28		67.5	
CHENA RIVER LAKES, AK (APP. III, P. 78)	1968	111.7	1973	109.5	15.8	229.5	120.0	110		6.9	
CLAYTON LAKE, OK (APP. III, P. 78)	1962	13.2	1973	21.8		45.0	23.2	106		5.8	
CLIFTY CREEK LAKE, IN	1963	13.9	1972	21.3	2.6	36.5	15.2	71		1.9-	
CLINTON LAKE, KS	1962	25.2	1972	44.2		56.4	12.2	28		.9	
CLINTON, IA	1968	10.6	1974	17.0	4.1	29.0	12.0	71		5.4	
COCHITI LAKE, NM	1960	43.4	1965	48.4		94.4	46.0	95		.2	
COOPER LAKE AND CHANNELS, TX (APP. III, P. 78)	1955	9.3	1961	15.5	3.5	70.0	54.5	352		.1	
COPAN LAKE, OK	1962	25.6	1971	42.4		65.1	22.7	54			
COWANESQUE LAKE, PA	1958	28.6	1973	49.3		92.7	43.4	88			



ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(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	%		
DEPARTMENT OF THE ARMY, COMPS OF ENGINEERS: (CONT.)										
FLOOD CONTROL: (CONT.)										
CUCAMONGA CREEK, CA	1965	34.5	1975	56.7	16.5	93.2	36.5	64	22.2	
DRY CREEK LAKE, CA (APP. III, P. 78)	1962	42.5	1967	51.0	.1	204.1	153.1	300	23.1	
EAST FORK LAKE, OH (APP. III, P. 78)	1938	4.5	1967	19.0		45.1	26.1	137	2.9	
EAST LYNN LAKE, WV (APP. III, P. 78)	1937	3.0	1965	14.3		35.2	20.9	146	.8	
EL DURADO LAKE, KS (APP. III, P. 78)	1965	23.3	1971	29.3	4.4	84.5	55.2	188	8.2	
EL PASO, TX (APP. III, P. 78)	1965	15.6	1968	19.3	12.4	49.6	30.3	157	14.1	
ELIZABETH, NJ (APP. III, P. 78)	1964	12.2	1969	14.2	8.8	39.0	24.8	175	10.3	
ELK CREEK LAKE, OH (APP. III, P. 79)	1962	17.5	1971	27.2		73.9	46.7	172	10.1	
EVANSVILLE, IN (APP. III, P. 79)	1937	2.4	1959	14.2	7.3	46.9	32.7	230	10.2	
FALLS LAKE, NC (APP. III, P. 79)	1965	18.6	1971	29.6		91.2	61.6	208	7.0	
FIKE ISLAND INLET TO MONTAUK PT., NY (APP. III, P. 79)	1960	42.5	1963	42.5	46.8	138.7	96.2	226	55.0	
FOUR MILE RUN, CITY OF ALEXANDRIA & ARLINGTON COUNTIES, VA	1974	38.6	1974	38.6	12.0	61.0	22.4	58	19.1	
FOUR RIVER BASINS, FL (APP. III, P. 79)	1962	99.8	1966	96.3	72.3	205.3	109.0	113	77.3	

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(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	%		
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS:										
FLOOD CONTROL: (CONT.)										
FREEMONT & VICINITY, TX (APP. III, P. 79)	1962	5.4	1965	5.5	11.5	38.3	32.8	596	12.7	
GATHRIGHT LAKE, VA (APP. III, P. 79)	1946	13.0	1967	16.3		70.0	53.7	329	2.0	
HIDDEN DAM-HENSLEY LAKE, CA	1959	14.6	1968	17.7	1.2	32.0	14.3	81	6.0	
HILLSDALE LAKE, KS	1960	9.4	1973	37.3		55.7	18.4	49	3.2	
INDIAN BEND WASH (GILA RIVER BASIN), AZ	1961	9.0	1975	16.7	8.6	27.3	10.6	63		
KANEONE - KAILUA AREA, OAHU, HI	1970	7.6	1976	16.1	2.4	28.3	12.2	76		
KANSAS CITY, KS	1962	21.1	1970	28.5	5.9	55.9	27.4	96	8.4	
KAW LAKE, OK	1961	83.2	1966	86.6		111.1	24.5	28	1.9-	
KEMOE LAKE, KY	1965	15.0	1974	30.5		38.0	7.5	25		
LAFARGE LAKE AND CHANNEL IMPROVEMENT, WI (APP. III, P. 79)	1962	15.9	1971	24.5	.3	55.7	31.2	127	4.2	
LAFAYETTE LAKE, IN (APP. III, P. 79)	1965	26.4	1971	38.9	9.4	110.2	71.3	183	21.3	
LAKE PONTCHARTRAIN AND VICINITY, LA (APP. III, P. 79)	1965	84.8	1967	98.1	118.0	378.0	279.9	285	137.0	
LAKEVIEW LAKE, TX	1965	31.2	1975	105.0		203.0	98.0	93	29.0	
LAHOSE TO GOLDEN MEADOW, LA (HURRICANE CONTROL) (APP. III, P. 79)	1960	7.9	1972	13.4	11.6	38.5	25.1	187		

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AT JUNE 30, 1976  
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AGENCY AND PROJECT -----	ORIGINAL ESTIMATE DATE	AMOUNT	DATE	ESTIMATE AMOUNT	NON- FEDERAL SHARE	CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE	NOTES -----
						TOTAL AMOUNT	%	AMOUNT	AMOUNT	
DEPARTMENT OF THE ARMY, COMPS OF ENGINEERS: (CONT.)										
FLOOD CONTROL: (CONT.)										
LAVON LAKE MODIFICATION AND EAST FORK CHANNEL IMPROVEMENTS, TX (APP. III, P. 79)	1962	24.1	1967	27.7	.2	64.1		36.4	131	4.7
LINCOLN LAKE, IL (APP. III, P. 79)	1965	30.7	1971	42.4	5.8	110.8		68.4	161	19.6
LITTLE BLUE RIVER CHANNEL, MO (APP. III, P. 79)	1968	5.3	1973	8.1	3.7	33.4		25.3	312	5.4
LUKFATA LAKE, OK (APP. III, P. 79)	1955	12.7	1968	13.9		31.5		17.6	127	
LYTLE & WARM CREEKS, CA (APP. III, P. 79)	1965	11.4	1971	15.3	6.8	39.0		23.7	155	7.5
MANKATO & N. MANKATO, MN (APP. III, P. 80)	1956	2.0	1968	5.8	2.3	36.6		30.8	531	4.1
MEPAMEC PARK LAKE, MO	1938	37.7	1973	79.1		124.0		44.9	57	12.0
MILL CREEK, OH	1969	42.0	1975	78.5	24.5	123.3		44.8	57	31.0
MISSOURI RIVER LEVEE SYSTEM (APP. III, P. 80)	1944	74.0	1963	66.4	14.9	165.9		99.5	150	7.1-
NAPA RIVER, CA (APP. III, P. 80)	1965	18.1	1970	22.0	15.9	52.0		30.0	136	17.7
NEW ORLEANS TO VENICE HURRICANE PROTECTION, LA (APP. III, P. 80)	1962	10.7	1964	10.8	39.0	130.0		119.2	1,104	44.6
OPTIMA LAKE, OK	1936	1.5	1967	21.1		41.8		20.7	98	.3
PAINTSVILLE LAKE, KY	1965	16.5	1971	22.7		41.1		18.4	81	2.9
PARK RIVER, HARTFORD, CT	1966	31.1	1974	73.3	1.3	72.9		.4-	1-	

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE			CURRENT ESTIMATE			INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE			NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	% -----		
									YEARLY CHANGE -----	
DEPARTMENT OF THE ARMY, CORPUS OF ENGINEERS:										
FLOOD CONTROL: (CONT.)										
PATOKA LAKE, IN (APP. III, P. 80)	1963	20.4	1968	22.8	20.7	66.4	43.6	191	23.1	
PORT ARTHUR AND VICINITY, TX	1962	33.4	1966	58.0	29.5	96.8	38.8	67	31.5	
PORTUGUES & BUCANA RIVERS, PR	1970	49.9	1975	120.6	29.8	146.8	26.2	22	33.8	
R.D. BAILLY LAKE, WV	1962	60.5	1967	82.6		163.0	80.4	97	21.0	
RAYSTOWN LAKE, PA	1962	32.2	1967	49.0		77.2	28.2	58	.6	
RED RIVER LEVEES AND BANK STABILIZATION BELOW DENISON DAM, TX (APP. III, P. 80)	1946	9.5	1961	10.4	.4	50.6	40.2	387	2.1	
RIPLE LAKE, ID (APP. III, P. 80)	1962	7.0	1967	13.1		38.2	25.1	192	3.6	
RIVER ROUGE, MI	1962	19.5	1965	20.4	6.7	38.1	17.7	87	10.5	
SACRAMENTO RIVER BANK PROTECTION, CA (APP. III, P. 80)	1960	21.4	1963	22.6	35.7	107.0	84.4	373	38.2	
SAGINAW RIVER, MI (APP. III, P. 80)	1958	17.9	1963	20.3	9.4	68.5	48.2	237	15.7	
SAN ANTONIO CHANNEL IMPROVEMENT, TX (APP. III, P. 80)	1953	23.4	1957	25.4	50.2	96.2	70.8	279	53.5	
SAN GABRIEL RIVER, TX (APP. III, P. 80)	1962	45.5	1968	53.1		116.0	62.9	118	2.0-	
SAYLORVILLE LAKE, IA (APP. III, P. 80)	1958	44.5	1964	36.5	1.1	93.5	57.0	156	5.5	
SKIATOOK LAKE, OK	1961	22.9	1973	42.5		76.1	33.6	79	12.3	
SMITHVILLE LAKE, MO	1966	21.5	1972	39.0		76.6	37.6	96	17.8	

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS:									01
FLOOD CONTROL: (CONT.)									
SOUTHWESTERN JEFFERSON COUNTY, KY	1968	21.9	1973	36.1	12.2	53.7	17.6	49	16.6
STONEWALL JACKSON LAKE, WV (APP. III, P. 80)	1966	33.2	1970	40.5		115.0	74.5	184	9.0
TALLAHALA CREEK LAKE, MS (APP. III, P. 80)	1968	13.8	1973	19.2		56.0	36.8	192	16.5
TAYLORS BAYOU, TX (APP. III, P. 80)	1965	8.9	1970	10.5	12.0	34.1	23.6	225	
TAYLORSVILLE LAKE, KY (APP. III, P. 80)	1966	21.8	1971	29.1		61.1	32.0	110	4.9
TEXAS CITY AND VICINITY, TX (APP. III, P. 81)	1958	8.3	1962	9.7	12.8	42.3	32.6	336	13.2
TIOGA-HAMMOND LAKES, PA (APP. III, P. 81)	1958	53.6	1971	72.3		173.6	101.3	140	17.6
TOMBIGBEE RIVER AND TRIBUTARIES, MS AND AL (APP. III, P. 81)	1958	21.9	1965	26.8	7.4	72.7	45.9	171	11.1
TRINIDAD LAKE, CO (APP. III, P. 81)	1958	29.6	1965	21.5	.3	44.9	23.4	109	1.1
TYRONE, PA (APP. III, P. 81)	1940	1.6	1972	15.5	3.0	36.9	21.4	138	5.9
WALNUT CREEK, CA (APP. III, P. 81)	1960	24.4	1964	28.9	17.3	67.4	38.5	133	23.5
WATERLOO, IA (APP. III, P. 81)	1965	18.7	1970	21.7	9.7	47.2	25.5	118	13.4
WAURIKA LAKE, OK	1962	25.1	1970	37.5		68.7	31.2	83	11.0-
YATESVILLE LAKE, KY	1965	20.0	1973	28.8		56.9	28.1	98	8.3
SUB TOTAL		2,878.9		4,170.2	1,153.8	8,914.0	4,743.8		

ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS: (CONT.)										01
	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%			
MISSISSIPPI RIVER AND TRIBUTARIES:											
ATCHAFALAYA BASIN, LA (APP. III, P. 81)	1927	121.1	1967	285.1	6.4	909.4	624.3	219	60.4		
LOWER RED RIVER SOUTH BANK	1927	9.0	1967	17.2		31.4	14.2	83	1.7		
MISSISSIPPI RIVER CACHE BASIN (APP. III, P. 81)	1949	26.1	1967	27.2	11.4	104.6	77.4	285	18.6		
MISSISSIPPI RIVER CHANNEL IMPROVEMENTS (APP. III, P. 81)	1927	468.0	1967	942.0	1.3	2,126.3	1,184.3	126	99.3		
MISSISSIPPI RIVER LEVEES (APP. III, P. 81)	1927	221.0	1967	285.1	40.1	1,049.1	764.0	268	138.1		
MISSISSIPPI RIVER ST. FRANCIS BASIN (APP. III, P. 81)	1935	89.7	67	134.6	9.3	283.3	148.7	110	25.3		
MISSISSIPPI RIVER TENSAS BASIN, LA (APP. III, P. 81)	1940	31.8	1967	86.5	.5	271.9	165.4	214	40.5		
MISSISSIPPI RIVER WEST TENNESSEE TRIBUTARIES (APP. III, P. 81)	1947	9.1	1967	12.0	2.4	51.4	39.4	28	8.0		
MISSISSIPPI RIVER YAZOO BASIN (APP. III, P. 82)	1935	195.0	1967	217.3	.9	694.9	477.6	220	68.9		
OLD RIVER CONTROL, LA	1953	81.0	1967	71.4	.5	84.4	13.0	18	3.2		
SUB TOTAL		1,251.8		2,078.4	72.8	5,606.7	3,528.3				

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		FEDERAL SHARE	CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE	NOTES
	DATE	AMOUNT	DATE	AMOUNT		TOTAL AMOUNT	AMOUNT	%			
DEPARTMENT OF THE ARMY, COMPS OF ENGINEERS: (CONT.)											
MULTIPURPOSE PROJECTS INCLUDING POWER:											
BONNEVILLE LOCK AND DAM, OR AND WA (MODIFICATION FOR PEAKING) (APP. III, P. 82)	1967	12.7	1970	13.5		27.2	13.7	101		3.6-	
BONNEVILLE SECOND POWERHOUSE, OR AND WA (APP. III, P. 82)	1937	120.0	1974	267.0		540.0	273.0	102		92.6	
CARTERS LAKE, GA (APP. III, P. 82)	1945	38.0	1962	38.0		109.9	71.9	189		3.9	02
CHIEF JOSEPH ADDITIONAL UNITS, WA	1960	57.5	1973	167.0		323.0	156.0	93		56.0	
CLARENCE CANNON DAM, MO (APP. III, P. 82)	1962	63.3	1966	70.6		232.0	161.4	229		17.0	
CONDELL HULL DAM AND RESERVOIR, TN	1946	19.9	1963	39.9		79.2	39.5	98			
COUGAR LAKE, OR	1950	35.1	1960	42.9		57.5	14.6	34			
DEGRAY LAKE, AR (APP. III, P. 82)	1950	19.0	1962	32.5		70.0	37.5	115		1.7	
DWORSHAK DAM AND LAKE, ID	1962	127.2	1963	186.0		317.1	131.1	70		5.1	
HARRY S. TRUMAN DAM AND RESERVOIR, MO (APP. III, P. 82)	1958	102.0	1965	146.2		445.0	298.8	214		32.0	
ICE HARBOR ADDITIONAL UNITS, WA	1945	20.0	1971	26.4		38.7	12.3	47		.1-	
JOHN DAY LOCK AND DAM, OR AND WA	1950	379.8	1960	387.0		498.3	111.3	29		2.3	
JONES BLUFF LOCK AND DAM, AL	1945	52.6	1966	52.6		83.9	31.3	60		6.6	02

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (+/-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS: (CONT.)							
MULTIPURPOSE PROJECTS INCLUDING POWER: (CONT.)							
LAUREL RIVER LAKE, KY (APP. III, P. 82)	1960	21.9	1965	22.7		46.1	1.2
						23.4	103
LIBBY DAM-LAKE MOCCANUSA, MT	1950	239.1	1966	343.0		487.4	9.4
						144.4	42
LITTLE GOOSE ADDITIONAL UNITS, WA	1945	20.0	1974	34.1		58.8	3.0
						24.7	72
LITTLE GOOSE LOCK AND DAM, WA	1945	139.0	1963	144.0		160.3	.4-
						16.3	11
LOST CREEK LAKE, OR	1962	74.5	1967	83.1		150.0	9.0
						66.9	81
LOWER GRANITE ADDITIONAL UNITS, WA	1945	20.0	1974	34.1		52.1	2.8
						18.0	53
LOWER GRANITE LOCK AND DAM, WA	1945	118.0	1965	181.0		312.0	2.0
						131.0	72
LOWER MONUMENTAL ADDITIONAL UNITS, WA	1945	20.0	1975	37.8		57.1	51
						19.3	51
LOWER MONUMENTAL LOCK AND DAM, WA	1945	138.0	1961	151.0		185.0	.4-
						34.0	23
MCNARY LOCK AND DAM, OR AND WA	1945	236.4	1960	293.8		316.6	14.6
						22.8	8
NEW MELONES LAKE, CA (APP. III, P. 82)	1962	114.0	1966	122.0		306.0	23.0
						184.0	151
RICHARD B. RUSSELL (TROTTERS SHOALS) DAM AND LAKE, GA AND SC	1965	85.0	1975	178.0		248.0	17.0
						70.0	39
SNETTISHAM POWER PROJECT, AK (APP. III, P. 82)	1962	41.5	1967	41.5		117.0	13.0
						75.5	182
SPEWHELL HLUFF LAKE, GA (APP. III, P. 82)	1963	63.2	1971	91.8		241.0	58.0
						149.2	163

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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	%		
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS: (CONT.)										
MULTIPURPOSE PROJECTS INCLUDING POWER: (CONT.)										
THE DALLES ADDITIONAL UNITS, WA AND OR	1950	53.2	1967	64.0		70.6	6.6	10	1.1	
TOCKS ISLAND LAKE, PA, NJ, AND NY	1962	90.4	1971	235.0		459.0	224.0	95	32.5	
WEST POINT LAKE, GA AND AL (APP. III, P. 82)	1962	52.9	1965	53.0		122.0	69.0	130	4.0	
WOLF CREEK DAM, LAKE CUMBERLAND, KY	1973	64.0	1975	64.0		110.0	46.0	72	19.3	
SUB TOTAL		2,638.2		3,643.5		6,320.8	2,677.3			
NAVIGATION:										
AIW REPLACEMENT OF FEDERAL HIGHWAY BRIDGES IN NC	1969	15.0	1974	20.2	7.6	30.4	10.2	50		
BALTIMORE HARBOR AND CHANNELS, MD	1956	32.1	1961	34.1	4.2	31.1	3.0-	9-		
CANNELTON LOCKS AND DAM, IN AND KY	1960	68.5	1962	71.8	.1	97.4	25.6	36	.1	
COLUMBIA & LOWER WILLIAMETTE RIVER, OR AND WA	1962	20.5	1964	21.9	.6	27.8	5.9	27		
COOPER RIVER CHARLESTON HARBOR, SC	1966	35.4	1975	74.0		95.8	21.8	29	4.8	
CORPUS CHRISTI SHIP CHANNEL, TX	1968	20.9	1972	22.6	4.8	38.7	16.1	71	8.7	
FALL RIVER HARBOR, MA AND RI (APP. III, P. 83)	1968	10.3	1971	14.6	3.4	34.0	19.4	133	4.5	

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					ORIGINAL ESTIMATE	NON- FEDERAL SHARE			
					DATE	AMOUNT	DATE	AMOUNT	%
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS:									
NAVIGATION:									
GREAT LAKES CONNECTING CHANNELS, MI	1956	115.9	1960	146.6	.1	144.1	2.5-	2-	.1
HAMPTON ROADS, VA	1965	29.5	1966	33.3	.9	37.2	3.9	12	3.5
HANNIBAL LOCKS AND DAM, OH AND WV	1961	56.9	1966	68.1	3.4	90.9	22.8	33	3.4
ILLINOIS WATERWAY CALUMET (SAG MODIFICATION, PT 1), IL AND IN	1945	23.6	1960	104.3	12.4	105.7	1.4	1	12.4
INLAND WATERWAY DELAWARE RIVER TO CHESAPEAKE BAY, PT. II, DE AND MD	1954	95.0	1962	98.9	.1	119.1	20.2	20	7.0
JACKSONVILLE HARBOR, FL (APP. III, P. 83)	1965	8.8	1968	9.2	3.7	36.8	27.6	300	.2
JOHN HOLLIS BANKHEAD LOCK AND DAM, AL	1965	24.8	1970	34.6		49.6	15.0	43	3.6
KASKASKIA RIVER, IL	1962	60.5	1966	68.9	7.7	134.8	65.9	96	10.8
LOCK & DAM NO. 53 (TEMP. LOCK), IL AND KY (APP. III, P. 83)	1971	15.8	1974	17.8		37.2	19.4	109	.1
MISSISSIPPI RIVER BETWEEN OHIO AND MISSOURI RIVERS (REGULATING WORKS) IL AND MO (APP. III, P. 83)	1910	21.0	1960	61.9		151.0	89.1	144	7.0
MISSISSIPPI RIVER GULF OUTLET, LA (APP. III, P. 83)	1956	89.9	1961	113.2	100.2	373.2	260.0	230	53.2
MISSOURI RIVER, SIOUX CITY TO MOUTH	1945	178.0	1960	349.6	6.8	456.8	107.2	31	6.8
NEW YORK HARBOR (ANCHORAGE), NY	1965	44.9	1968	45.7		26.6	19.1-	42-	1.8-

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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	%		
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS:										
NAVIGATION:										
NEW YORK HARBOR, COLLECTION & REMOVAL OF DRIFT, NY	1974	28.8	1975	49.7	40.6	80.3	30.6	62	48.7	
NEWBROUGH LOCKS AND DAM, IN AND KY	1962	58.5	1965	62.1	.1	107.0	44.9	72		
OUACHITA AND BLACK RIVERS, AR AND LA (APP. III, P. 83)	1960	45.0	1963	46.9	5.2	189.2	142.3	303	16.2	
RED RIVER WATERWAY (MISSISSIPPI RIVER TO SHREVEPORT, LA, AR AND OK) (APP. III, P. 83)	1968	250.4	1974	417.4	18.5	978.0	560.6	134	22.0	
SAN DIEGO RIVER AND MISSION BAY, CA	1941	15.1	1968	29.5	17.5	32.4	2.9	10		
SAN FRANCISCO BAY TO STOCKTON, CA	1965	60.9	1970	71.0	31.0	139.0	68.0	96	43.8	
SMITHLAND LOCKS AND DAM, IL AND KY (APP. III, P. 83)	1965	90.1	1970	110.1	.2	243.2	133.1	121	5.2	
TAMPA HARBOR (MAIN CHANNEL), FL	1970	72.1	1975	99.2	.8	128.7	29.5	30	10.7	
TENNESSEE TOMBIGREE WATERWAY, AL AND MS (APP. III, P. 83)	1963	281.8	1971	361.3	208.0	1,636.0	1,274.7	353	276.0	
UNIONTOWN LOCKS AND DAM, IN AND KY	1958	51.4	1965	61.8	.1	95.2	37.4	61	2.1	
WILLOW ISLAND LOCKS AND DAM, OH AND WV	1963	66.8	1965	70.7	.5	77.2	6.5	9	1.5	
SUB TOTAL		1,988.2		2,791.0	478.5	5,828.4	3,037.4			
AGENCY TOTAL		8,799.3		12,728.5	1,737.3	26,742.3	14,013.8			
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## ESTIMATED COST DATA COMPARISON FOR MAJOR MILITARY AND CIVIL ACQUISITIONS AT JUNE 30, 1976 (DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		HASLELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE	NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%		
DEPARTMENT OF THE INTERIOR:										
BONNEVILLE POWER ADMINISTRATION:										
ASHE-WILLAMETTE VALLEY TRANSMISSION FACILITIES	02/74	113.7	02/74	113.7		177.2	63.5	56	31.0	
CHIEF JOSEPH INTEGRATING TRANS- MISSION FACILITY	02/67	31.3	02/67	31.3		35.2	3.9	12	.4-	
GRAND COULEE-HAVEN TRANSMISSION LINES	02/72	55.0	06/72	72.0		103.6	31.6	44	3.0	
HOT SPRINGS-BELL TRANSMISSION FA- CILITIES	06/74	57.9	06/74	57.9		63.7	5.8	10	5.8	
LOWER SNAKE GRID REINFORCEMENT	01/74	23.6	01/74	23.6		31.2	7.6	32		
WNP NO. 3 AND NO. 5 INTEGRATING TRANSMISSION	02/75	32.4	02/75	32.4		43.2	10.8	33		
SUB TOTAL		313.9		330.9		454.1	123.2			
BUREAU OF RECLAMATION:										
HRANTLEY PROJECT, NM	1972	45.6	1972	45.6		78.2	32.6	71	9.2	
CENTRAL ARIZONA PROJECT:										
HAVAJU PARTICIPATION AGREEMENT (POWER PLANT)	1968	115.2	1968	115.2		164.5	49.3	43	45.0-	
WATER DEVELOPMENT (APP. III, P. 83)	1968	717.0	1968	717.0	.7	1,446.8	729.8	102	251.8	
CENTRAL VALLEY:										
AUBURN-FULSON SOUTH UNIT (WATER CONTROL), CA (APP. III, P. 84)	1965	425.0	1965	425.0		983.6	558.6	131	136.1	

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(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	A	UNIT	\$		
DEPARTMENT OF THE INTERIOR: (CONT.)											
BUREAU OF RECLAMATION: (CONT.)											
CENTRAL VALLEY: (CONT.)											
SACRAMENTO RIVER DIVISION (IRRIGATION), CA (APP. III, P. 84)	1950	111.4	1950	111.4		246.6	135.2	121		26.9	
SAN FELIPE DIVISION, CA	1967	92.4	1967	92.4	.1	174.9	82.5	89		24.1	
SAN LUIS UNIT (WATER CONTROL), CA	1960	483.1	1960	483.1	165.8	915.3	432.2	89		225.6	
COLORADO RIVER BASIN SALINITY CONTROL PROJECTS - TITLE I, CONSTRUCTION (APP. III, P. 84)	1974	155.5	1974	155.5		315.5	160.0	103		160.0	
COLUMBIA BASIN:											
IRRIGATION FACILITIES (APP. III, P. 84)	1935	925.4	1935	925.4	15.3	2,171.0	1,245.6	135		340.4	
THIRD POWER PLANT	1966	390.0	1966	390.0		520.0	130.0	33		30.0	
DRAINAGE AND MINOR CONSTRUCTION PROJECTS:											
ALL AMERICAN CANAL SYSTEM, CA	1928	38.5	1947	56.6		71.7	15.1	27		7.2	
HOISE PROJECT, PAYETTE DIVISION	06/76	25.4	06/76	25.4		25.4					
GILA, AZ	1947	53.1	1947	53.1		77.8	24.7	47			
KENDRICK, WY	1935	26.4	1935	26.4		35.0	8.6	33		.6	
KLAMATH, CA AND OR (APP. III, P. 84)	1905	4.4	1905	4.4		27.9	23.5	534		.2	

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE			CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE AMOUNT	NOTES -----	
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT			%
DEPARTMENT OF THE INTERIOR: (CONT.)										
BUREAU OF RECLAMATION: (CONT.)										
DRAINAGE AND MINOR CONSTRUCTION PROJECTS: (CONT.)										
PARKER-DAVIS, AR AND CA (APP. III, P. 84)	1941	68.8	1941	68.8		161.6	92.8	135	.6	
SAN ANGELO, TX	1957	32.2	1957	32.2		26.2	6.0-	19-	1.1	
WASHITA, OK	1956	40.6	1953	40.6		29.8	10.8-	27-	.1	
WASHOE, CA AND NV (APP. III, P. 84)	1956	50.5	1956	50.5		104.5	54.0	107	36.3	
WEBER BASIN, UT	1949	69.5	1949	69.5		97.5	28.0	40	2.7	
FRYINGPAN ARKANSAS PROJECT (WATER CONTROL), CO	1962	170.0	1974	501.0	.4	541.8	40.8	8	69.7	
MOUNTAIN PARK PROJECT (WATER CONTROL), OK	1968	20.0	1968	26.0		40.8	14.8	57		
NAVAJO INDIAN IRRIGATION PROJECT, NM	1970	206.0	1970	206.0	.2	322.4	116.4	57	20.4	
NUCES RIVER PROJECT (WATER CONTROL), TX	01/74	65.0	01/74	65.0	18.3	78.9	13.9	21		
PACIFIC N.W. -PACIFIC S.W. INTERTIE (TRANSMISSION LINES), AR, CA AND NV (APP. III, P. 84)	1964	130.6	1964	130.6	3.4	325.2	194.6	149	91.0	
PALMETTO REND PROJECT (WATER CONTROL CONSTRUCTION), TX (APP. III, P. 84)	1968	36.8	1968	36.8		73.9	37.1	101	4.0	

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE DATE	AMOUNT	DATE	BASELINE ESTIMATE AMOUNT	CURRENT ESTIMATE NON- FEDERAL SHARE	TOTAL AMOUNT	INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE AMOUNT	NOTES
							AMOUNT	\$		
DEPARTMENT OF THE INTERIOR: (CONT.)										
BUREAU OF RECLAMATION: (CONT.)										
PICK-SLOAN MISSOURI BASIN PROGRAM:										
AINSWORTH, NE	1972	25.4	1972	25.4		25.1	.3-	1-		
HUSTICK DIVISION, KS AND NE	1972	51.8	1972	50.8	2.5	51.8	1.0	2		
FARWELL UNIT, NE	1972	36.4	1972	36.4		37.0	.6	2		
FRENCHMAN CAMBRIDGE DIVISION, NE	1972	81.6	1972	81.6		82.2	.6	1		
GLEN ELDER UNIT, KS	1972	57.4	1972	57.4		56.1	1.3-	2-		
NORTH LOUP DIVISION, NE	10/72	79.5	10/72	79.5		113.6	34.1	43		
O'NEILL UNIT, NE	10/72	113.3	10/72	113.3		160.4	47.1	42		
YELLOWTAIL UNIT, MT AND WY	1972	90.8	1972	90.8		94.7	3.9	4		
PICK-SLOAN MISSOURI RIVER BASIN PROGRAM:										
GARRISON DIVISION UNIT, ND AND SD (APP. III, P. 85)	1965	207.0	1965	207.0	.2	496.0	289.0	140	77.2	
NARROWS UNIT, CO (APP. III, P. 85)	1970	68.1	1970	68.1		139.0	70.9	104	40.3	
GAHE UNIT, SD (APP. III, P. 85)	1968	191.7	1968	191.7		410.0	218.3	114	75.0	
TRANSMISSION DIVISION, VARIOUS	1972	386.4	1972	386.4	10.0	384.4				
SOUTHERN NEVADA WATER PROJECT (DRAINAGE), NV	1965	81.0	1965	81.0		160.4	79.4	98	57.5	

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(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	%		
DEPARTMENT OF THE INTERIOR: (CONT.)										
BUREAU OF RECLAMATION: (CONT.)										
TETON BASIN, LOWER TETON DIVISION (WATER CONTROL), ID	1964	52.0	1964	52.0		102.4	50.4	97	6.0	
TUALATIN PROJECT (WATER CONTROL), OR (APP. III, P. 85)	1966	20.9	1966	20.9	1.9	54.0	33.1	158	4.8	
UPPER COLORADO RIVER STORAGE PROJECT:										
CENTRAL UTAH PARTICIPATING PROJECT, RONNEVILLE UNIT, UT	1972	420.4	1972	420.4	.3	689.7	269.3	64	176.6	
CENTRAL UTAH PARTICIPATING PROJECT, JENSEN UNIT, UT (APP. III, P. 85)	1972	11.2	1972	11.2		27.4	16.2	145		
CENTRAL UTAH PROJECT, RECREATION FISH & WILDLIFE FOR HONNEVILLE										
	1972	20.0	1972	20.0		39.4	19.4	97	7.2	
CUMECANTI UNIT, CO	1972	129.6	1972	129.6	.3	131.3	1.7	1		
DALLAS CREEK, CO	1968	40.8	1968	40.8		81.0	40.2	99	10.3	
FRUITLAND MESA, CO (APP. III, P. 85)	1964	27.2	1964	27.2	.1	61.0	33.8	124	11.2	
GLEN CANYON, AZ AND UT (DRAINAGE AND MINOR CONSTRUCTION)	1972	247.7	1972	247.7	1.9	249.7	2.0	1		
SAN JUAN-CHAMA PARTICIPATING PROJECT	1962	85.8	1962	85.8		111.5	25.7	30	13.2	
SAVERY-POT HOOK, CO AND WY (APP. III, P. 85)	1964	15.4	1964	15.4		68.7	53.3	346	13.4	
TRANSMISSION DIVISION	1972	220.3	1972	220.3	38.0	249.7	29.4	13	14.7	
SUR TOTAL		7,257.1		7,612.2	259.4	13,133.3	5,521.1			



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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	
DEPARTMENT OF THE INTERIOR: (CONT.)									
NATIONAL PARK SERVICE:									
NATIONAL HISTORIC SITES:									
SAN JUAN, PR	1974	34.9	1974	34.9		37.1	2.2	6	1.9-- 02
NATIONAL HISTORICAL PARKS:									
C & O CANAL, MD, WV AND DC	1971	51.4	1972	62.0		77.2	15.2	25	27.5--
INDEPENDENCE, PA	1967	24.1	1967	24.1		42.9	18.8	78	.3 02
NATIONAL LAKESHORES:									
INDIANA DUNES, IN	1966	5.8	1974	56.1		58.1	2.0	4	18.4--
SLEEPING BEAR DUNES, MI	1970	18.8	1974	87.3		48.1	39.2--	45--	39.4--
NATIONAL PARKS:									
CANYONLANDS, UT	1964	20.7	1971	25.8		26.1	.3	1	3.8--
GLACIER, MT	1967	33.5	1967	33.5		56.6	23.1	69	8.2 02
GRAND CANYON, AZ	1967	44.2	1967	44.2		57.2	13.0	29	13.5-- 02
GRAND TETON, WY	1967	24.6	1967	24.6		34.5	9.9	40	1.4-- 02
GREAT SMOKY MOUNTAINS, TN AND NC									
	1967	77.5	1967	117.6		119.6	2.0	2	7.7--
MOUNT RAINIER, WA	1967	31.2	1967	31.2		30.5	.7--	2--	2.4 02
NORTH CASCADES, WA	1968	35.3	1968	35.3		33.6	1.7--	5--	1.6
ROCKY MOUNTAIN, CO	1967	33.7	1967	33.7		27.4	6.3--	19--	.7-- 02
SEQUOIA & KINGS CANYON, CA	1967	28.2	1967	28.2		46.5	18.3	65	4.3-- 02
YELLOWSTONE, MT, WY AND ID	1967	105.1	1967	105.1		131.4	26.3	25	.1 02

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE DATE	AMOUNT	DATE	BASELINE ESTIMATE AMOUNT	CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE	NOTES
					NON- FEDERAL SHARE	TOTAL AMOUNT			
DEPARTMENT OF THE INTERIOR: (CONT.)									
NATIONAL PARK SERVICE: (CONT.)									
NATIONAL PARKS: (CONT.)									
YOSEMITE, CA (APP. III, P. 85)	1967	34.9	1967	34.9		82.1	47.2	135	1.9 02
NATIONAL RECREATION AREAS:									
BIGHORN CANYON, MT (APP. III, P. 85)	1966	11.8	1969	24.3		52.4	28.1	116	4.1
GATEWAY, NJ AND NY	1972	92.8	1972	92.8		80.4	12.4	13-	11.1-
GLEN CANYON, AZ AND UT	1967	33.1	1967	33.1		40.5	7.4	22	5.2- 02
GOLDEN GATE, CA	1972	58.0	1972	58.0		47.7	10.3-	18-	10.3-
LAKE MEAD, AZ AND NV	1968	32.2	1968	32.2		52.0	19.8	61	4.3- 02
NATIONAL SEASHORES:									
CUMBERLAND ISLAND, GA	1972	27.8	1972	27.8		35.4	7.6	27	2.8- 02
POINT REYES, CA	1969	25.6	1969	25.6		15.0	10.6-	41-	1.3- 02
NATIONAL VISITOR CENTER, WASHINGTON, DC	1968	87.5	1973	96.2		118.1	21.9	23	
PARKWAYS:									
BLUE RIDGE, VA, NC AND GA	1968	175.6	1968	175.6		284.7	109.1	62	28.8- 02
G. W. MEMORIAL, VA AND MD	1967	46.9	1967	46.9		32.9	14.0-	30-	3.1 02
NATCHEZ TRACE, MS, TN AND AL (APP. III, P. 85)	1967	111.6	1967	111.6		242.4	130.8	117	25.4- 02
SUB TOTAL		1,306.8		1,502.6		1,910.4	407.8		
AGENCY TOTAL		8,877.8		9,445.7	259.4	15,497.8	6,052.1		

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## AGENCY AND PROJECT

DEPARTMENT OF TRANSPORTATION:

## FEDERAL AVIATION ADMINISTRATION:

### FACILITIES AND EQUIPMENT:

FLIGHT SERVICE STATION  
AUTOMATION

## FRANGIBLE APPROACH LIGHT TOWERS

LONG RANGE RAUARS (AKSH-3  
PROGRAM)

## RESEARCH AND DEVELOPMENT:

AEKUSAT

DISCRETE ADDRESS BEACON  
SYSTEM/INTERMITTENT POSITIVE  
CONTROL

MICROWAVE LANING SYSTEM

**SUB TOTAL**

## FEDERAL HIGHWAY ADMINISTRATION:

DAKIEN GAP HIGHWAY

EMERGENCY RELIEF PROGRAM:

WV (US-50A) - BRIDGE  
REPLACEMENT AT ST. MARY'S OVER  
OHIO RIVER

## INTERSTATE HIGHWAY SYSTEM:

AL (I-10) - MOBILE BAY CROSSING 1969

AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE	INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT		AMOUNT	\$	
DEPARTMENT OF TRANSPORTATION:								
FEDERAL AVIATION ADMINISTRATION:								
FACILITIES AND EQUIPMENT:								
FLIGHT SERVICE STATION AUTOMATION	11/75	257.5	11/75	257.5				
FRANGIBLE APPROACH LIGHT TOWERS	11/74	32.0	08/75	43.0				
LONG RANGE RADARS (ARSH-3 PROGRAM)	08/69	59.4	02/74	80.1				
RESEARCH AND DEVELOPMENT:								
AEROSAT	04/73	99.3	04/74	100.8				
DISCRETE ADDRESS BEACON SYSTEM/INTERMITTENT POSITIVE CONTROL	03/76	65.6	03/76	65.6				
MICROWAVE LANDING SYSTEM	1974	74.1	1975	74.1				
SUB TOTAL		587.9		621.1				
FEDERAL HIGHWAY ADMINISTRATION:								
DARIEN GAP HIGHWAY	1970	150.0	1970	150.0				
EMERGENCY RELIEF PROGRAM:								
MV (US-50A) - BRIDGE REPLACEMENT AT ST. MARY'S OVER OHIO RIVER	1971	30.5	1973	30.5				
INTERSTATE HIGHWAY SYSTEM:								
AL (I-10) - MOBILE BAY CROSSING	1969	71.6	1974	71.6				

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITION  
AT JUNE 30, 1976  
(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.)										
FEDERAL HIGHWAY ADMINISTRATION: (CONT.)										
INTERSTATE HIGHWAY SYSTEM: (CONT.)										
AL (I-59) - BIRMINGHAM, 65TH TO I-459	1969	30.8	1971	37.4	3.6	36.1	1.3-	3-		
CA (I-210) - LOS ANGELES, FAIR OAK AVE. TO ROUSEMEAD BLVD.	1973	39.9	1974	40.5	2.8	33.3	7.2-	18-		
CO (I-70) - EISENHOWER MEMORIAL TUNNEL - 2ND RUKE	1972	104.9	06/76	104.9	13.9	154.7	49.8	47		
DC (I-95) - CENTER LEG FROM H ST. TO NY AVE.	1974	30.0	1974	32.1	3.2	31.8	.3-	1-		
FL (I-95) - WEST PALM BEACH, GERMANTOWN RU. TO FOREST HILL BLVD.	1966	65.1	1973	49.8	5.2	52.5	2.7	5		
IA-NE (I-129) - U.S. 73-77 BYPASS WEST OF SIOUX CITY TO I-29	1969	58.6	1973	44.7	4.1	41.5	3.2-	7-		
IL-MO (I-57) - MO SR 62N TO IL RT. 3 RIVER BRIDGE	1970	58.4	1970	62.5	3.9	39.3	23.2-	37-		
KS (I-35W) - WICHITA, FROM I-35N TO I-235	1956	123.2	1970	106.4	10.4	103.6	2.8-	3-		
KS (I-635) - KANSAS CITY, METCALF AVE. TO MO STATE LINE	1958	101.3	1959	101.3	9.5	94.9	6.4-	6-		
KY-OH (I-275) - FROM I-471 IN KY TO U.S. 52	1965	67.7	1972	52.3	7.2	72.0	19.7	38		

ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(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	%		
DEPARTMENT OF TRANSPORTATION: (CONT.)										
FEDERAL HIGHWAY ADMINISTRATION: (CONT.)										
INTERSTATE HIGHWAY SYSTEM: (CONT.)										
LA (I-220) - SHREVEPORT, BLANCHARD RD. TO AIRLINE DR.	1973	54.4	1973	54.4	5.1	50.7	3.7-	7-		
LA (I-55) - MANCHAC, I-10N TO INTERCHANGE	1973	121.0	1973	121.2	12.3	123.0	1.8	1		
MA (I-95) - US ROUTE 1 TO STATE ROUTE 110	1974	59.3	1974	59.2	5.5	54.5	4.7-	8-		
MD (I-170) - BALTIMORE, PULASKI TO PEARL ST.	1971	74.6	1973	71.6	7.2	71.8	.2			
MO (I-43) - BALTIMORE, EAGER TO GAY ST.	1963	54.5	1973	51.4	5.5	54.5	3.1	6		
MO (I-95) - BALTIMORE, CATON TO RUSSELL ST.	1968	98.6	1974	84.3	9.7	96.8	12.5	15		
MO (I-95) - BALTIMORE, RUSSELL ST. TO MANOVER ST.	1964	183.8	1975	148.4	13.2	132.0	16.4-	11-		
MI (I-96) - DETROIT, I-275 TO GRAND RIVER AVE.	1965	272.2	1970	274.1	27.0	269.8	4.3-	2-		
NH (I-93) - WELLINGTON RD. TO EVERTT TURNPIKE	1973	58.9	1973	51.1	4.3	43.1	8.0-	16-		
NJ (I-295) - TRENTON, KUSER RD. TO I-95	1973	64.0	1973	71.3	6.9	68.8	2.5-	4-		
NJ (I-78) - NEWARK, UNION AVE. TO STATE ROUTE 1	1973	86.4	1973	110.2	11.3	113.2	3.0	3		

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	FEDERAL SHARE	NON-FEDERAL SHARE	
DEPARTMENT OF TRANSPORTATION: (CONT.)							
FEDERAL HIGHWAY ADMINISTRATION: (CONT.)							
INTERSTATE HIGHWAY SYSTEM: (CONT.)							
NY (I-690) - SYRACUSE, STATE FAIR ROAD INTERCHANGE	1971	43.6	1-71	26.8	4.9		.1-
OH (I-471) - CINCINNATI, I-71 KY STATE LINE	1964	30.6	1-72	29.6	2.8		2.0- 7-
OH (I-480) - CLEVELAND, JENNINGS FREEWAY TO E. 98TH ST.	1967	63.	1-73	62.9	6.4		.8 1
OH (I-70) - COLUMBUS, WEST BROAD ST. TO I-71	1969	31.3	1-72	30.8	3.1		.3 1
PA (I-476) - PHILADELPHIA, FROM I-76 TO I-276 BR. OVER SCHUYLKILL RIVER	1966	85.4	1-70	58.9	5.7		2.3- 4-
PA (I-579) - BIGELOW AVE. TO I-276 BRIDGE OVER ALLEGHENY RIVER	1969	34.1	1-79	33.3	2.0		13.5- 41-
PA (I-676) - PHILADELPHIA, FROM I-76 TO I-95, VINE ST. EXPRESSWAY	1954	103.4	1-54	57.0	3.9		17.8- 31-
PA (I-79) - PITTSBURGH, OHIO RIVER BR. STATE ROUTE 51 TO GLENFIELD RD.	1968	72.5	1972	65.6	6.5		1.0- 2-
PA (I-95) - PHILADELPHIA, CHESTNUT ST. W. TO FRANKFORD ST.	1965	102.4	1972	102.9	9.9		3.5- 3-

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ESTIMATED COST DATA COMPARISON  
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(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	AMOUNT	YEARLY CHANGE	
DEPARTMENT OF TRANSPORTATION: (CONT.)							
FEDERAL HIGHWAY ADMINISTRATION: (CONT.)							
INTERSTATE HIGHWAY SYSTEM: (CONT.)							
PA (I-95) - PHILADELPHIA, FROM I-76 TO I-676 (TUNNEL SECTION)	1963	174.0	1967	174.0	13.8	36.4-	21-
PA (I-95) - PHILADELPHIA, ENTERPRISE AVE TO BROAD ST., GIRARD PT. BK. OVER SCHUYLKILL RIVER	1964	96.6	1967	86.7	7.4	12.5-	14-
TN (I-240) - MEMPHIS, I-40 BRIDGES OVER WOLF RIVER AND ROADWAY	1963	87.2	1963	55.8	7.5	19.5	35
TX (I-635) - FROM I-35E TO HACKBERRY RD.	1974	39.2	1974	35.0	3.0	5.0-	14-
VA (I-64) - HAMPTON-NORFOLK TUNNEL	1966	110.8	1966	97.3	9.9	2.0	2
VT (I-91) - ST. JOHNSBURY - LYNDON TOWN LINE NORTH	1973	47.3	1973	47.3	3.9	8.2-	17-
WA (I-90) - SOUTH FORK INTERCHANGE TO TANNER-NORTH BEND BYPASS	1974	24.4	1975	26.3	3.2	7.9	30
WI (I-794) - MILWAUKEE, BRIDGE AND APPROACH FROM VAN HUREN TO CAR FERRY	1964	71.1	1969	79.0	6.8	10.8-	14-
WV (I-64) - CHARLESTON, FROM I-77 TO WV RT. 14, BRIDGE OVER KANAWHA RIVER	1965	30.8	1969	30.8	2.9	1.9-	6-

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AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	
DEPARTMENT OF TRANSPORTATION: (CONT.)							01
FEDERAL HIGHWAY ADMINISTRATION:							
(CONT.)							
INTERSTATE HIGHWAY SYSTEM:							
(CONT.)							
WV (I-77) - CHARLESTON, BIGLEY AVE. TO TURNPIKE	1965	118.9	1970	118.9	11.2	111.6	7.3- 6-
WV (I-77) - EAST RIVER TUNNEL AT VA - WV STATE LINE	1964	39.7	1969	39.7	3.9	39.5	.2- 1-
(COMPLETED SEGMENTS AND ONGOING SMALLER PORTIONS) (APP. III, P. 86)	1958	34,277.8	1958	34,511.0	10,476.4	95,115.2	60.604.2 176
SUB TOTAL		37,570.2		37,570.3	10,775.1	98,102.0	60,531.7
SPECIAL URBAN HIGH DENSITY TRAFFIC PROGRAM:							13
IN (SH-912) - CLINE AVE. FROM U.S. 12 TO IN TOLL ROAD	1975	220.0	1975	220.0	22.0	220.0	
URBAN SYSTEM PROGRAM:							
NY - HIGHWAY SEPARATION WITH LONG ISLAND WK.	1972	32.2	1972	32.7	12.5	32.4	.3- 1-
NY - WEST SHORE EXPRESSWAY FROM I-278 TO VICTORY BLVD.	1974	41.5	1974	41.5	9.7	32.5	9.0- 22-
SUB TOTAL		38,044.4		38,045.0	10,914.3	98,700.8	60,655.8
FEDERAL RAILROAD ADMINISTRATION							
NORTHEAST RAIL REHABILITATION	1975	1,900.0	02/76	1,900.0	150.0	1,900.0	



ESTIMATED COST DATA COMPARISON  
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AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE NON- FEDERAL SHARE	TOTAL AMOUNT	INCREASE OR DECREASE (+/-) FROM BASELINE ESTIMATE		YEARLY CHANGE	NOTES
	DATE	AMOUNT	DATE	AMOUNT			AMOUNT	%		
DEPARTMENT OF TRANSPORTATION: (CONT.)										
U.S. COAST GUARD:										
HIGH ENDURANCE/MEDIUM ENDURANCE CUTTER REPLACEMENT	02/76	318.5	02/76	318.5		318.5				
LORAN C-NATIONAL IMPLEMENTATION PLAN	03/75	51.5	03/75	51.5		57.2	5.7	11	5.7	
MEDIUM RANGE SURVEILLANCE AIRCRAFT (APP. III, P. 86)	03/74	83.3	03/74	83.3		289.1	205.8	247	119.0	
POLAR SEA	09/73	66.0	09/73	66.0		66.0				
POLAR STAR	06/71	59.0	06/71	59.0		59.0				
PUBLIC FAMILY HOUSING	03/74	60.0	03/74	60.0		68.9	8.9	15	6.4	
REPLACEMENT HARBOR TUGBOATS	03/75	62.0	03/75	62.0		72.8	10.8	17	10.8	
SUB TOTAL		700.3		700.3		931.5	231.2			
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URBAN MASS TRANSPORTATION  
ADMINISTRATION:

DEVELOPMENT & DEMONSTRATION  
PROJECTS:

ADVANCED GROUP RAPID TRANSIT SYSTEM	02/76	43.5	02/76	43.5		43.5					
NEW TRANSIT BUS	04/72	22.2	04/72	22.2		28.7	6.5	29			
URBAN RAPID MAIL VEHICLES & SYSTEMS PROGRAM (APP. III, P. 86)	04/72	11.0	04/72	11.0		47.2	36.2	329		5.0	

ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITION  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	
DEPARTMENT OF TRANSPORTATION: (CONT.)									
URBAN MASS TRANSPORTATION ADMINISTRATION: (CONT.)									
MASS TRANSIT GRANTS:									
CHICAGO S. SUBURBAN MASS TRANSIT DISTRICT - RAIL CARS, STATIONS & TUNNELS (IL-03-0023)	01/73	38.3	01/73	38.3	13.4	40.2	1.9	5	
CHICAGO TRANSIT AUTHORITY - BUSES, RAIL CARS & RELATED EQUIPMENT (PHASE II) (IL-03-0040)	06/74	184.7	06/74	184.7	70.8	212.7	28.0	15	
CITY & COUNTY OF SAN FRANCISCO - SUBWAY, SURFACE RAIL CAR SYSTEM & RELATED FACILITIES (CA-03-0043) (APP. III, P. 86)	10/71	46.0	10/71	46.0	29.3	116.6	70.6	153	
CITY & COUNTY OF SAN FRANCISCO ADDITIONAL VEHICLES & SYSTEMS IMPROVEMENTS (CA-03-0078)	06/74	36.0	06/74	36.0	13.1	65.3	29.3	81	
COMMONWEALTH OF MASS. - S. SHORE MBTA RED LINE TO S. BRAintree EXT. (FED AID URBAN SYSTEMS - INTERSTATE HIGHWAY SUBSTITUTION) (MA-23-900)	10/74	28.8	10/74	28.8	5.8	28.8			
CONNECTICUT DEPT. OF TRANSPORTATION-ACQUISITION OF BUSES (CT-03-0916)	02/76	36.9	02/76	36.9	7.1	35.5	1.4-	4-	
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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	AMOUNT	YEARLY CHANGE	
					AMOUNT	AMOUNT	
DEPARTMENT OF TRANSPORTATION: (CONT.)							01
URBAN MASS TRANSPORTATION ADMINISTRATION: (CONT.)							
MASS TRANSIT GRANTS: (CONT.)							
DELAWARE RIVER PORT AUTHORITY OF PA & NJ - WOODCREST STATION, CARS & RELATED EQUIPMENT (17-05-0010)	06/71	34.9	06/73	34.9	15.6	54.4	56
GOLDEN GATE BRIDGE HWY & TRANSPORTATION DISTRICT - RUSES, FERRIES & COMMUNICATIONS EQUIPMENT (CA-03-0036)	12/71	51.2	12/71	51.2	15.9	54.1	6
ILLINOIS REGIONAL TRANSPORTATION AUTHORITY - COMMUTER CARS & LOCOMOTIVES (IL-03-0049)	03/76	41.8	03/76	41.8	8.4	41.8	
MARYLAND DEPT. OF TRANSPORTATION - CONSTRUCT BALTIMORE RAPID RAIL SYSTEM (MD-03-0004)	10/72	656.0	10/72	656.0	144.3	721.4	10
MASSACHUSETTS BAY TRANSP. AUTH.-RAPID TRANSIT CARS & EQUIP. (FED AID URBAN SYSTEMS-INTERSTATE HIGHWAY SUBSTITUTION) (MA-2J-9002)	06/75	53.4	06/75	53.4	10.7	53.4	

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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	%		
DEPARTMENT OF TRANSPORTATION: (CONT.)										
URBAN MASS TRANSPORTATION ADMINISTRATION: (CONT.)										
MASS TRANSIT GRANTS: (CONT.)										
MASSACHUSETTS BAY TRANSPORTATION AUTHORITY - S. COVE TUNNEL (FED AID URBAN SYSTEMS - INTERSTATE HIGHWAY SUBSTITUTION) (MA-23-9005)	04/76	36.3	04/76	36.3	9.4	36.3				
MASSACHUSETTS BAY TRANSPORTATION AUTHORITY - S. QUINCY RAPID TRANSIT STATION & RELATED PARKING FACILITIES (MA-03-0049)	06/76	26.3	06/76	26.3	5.3	26.3				
MASSACHUSETTS BAY TRANSPORTATION AUTHORITY - UPGRADE GREEN LINE (MA-03-0015)	02/72	38.1	02/72	38.1	12.0	36.0	2.1-	6-		
MASSACHUSETTS BAY TRANSPORTATION AUTHORITY VEHICLES FOR GREEN LINE (MA-03-0022)	09/72	49.2	09/72	49.2	19.9	59.8	10.6	22		
METROPOLITAN ATLANTA RAPID TRANSIT DISTRICT - SUBWAY PHASE A (GA-03-0008)	06/73	1,000.0	06/73	1,000.0	200.0	1,000.0				
METROPOLITAN DADE COUNTY - CONSTRUCT FIXED GUIDE WAY SYSTEM (FL-03-0036)	03/76	645.0	03/76	645.0	165.0	825.0	180.0	28		
MISSISSIPPI RIVER BRIDGE AUTHORITY - FERRIES & TERMINAL (LA-03-0012)	02/74	26.5	02/74	26.5	5.1	25.5	1.0-	4-		

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ESTIMATED COST DATA COMPARISON  
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AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	
DEPARTMENT OF TRANSPORTATION: (CONT.)									
URBAN MASS TRANSPORTATION ADMINISTRATION: (CONT.)									
MAS: TRANSIT GRANTS: (CONT.)									
MUNICIPALITY OF METROPOLITAN SEATTLE - TRULLIES, MOTOR COACHES & RELATED FACILITIES (WA-03-0016)	05/74	107.9	05/74	107.9	31.1	155.4	47.5	44	
NEW JERSEY DEPT. OF TRANSPORTATION - BUY BUSES (NJ-03-0015)	01/75	47.3	01/75	47.3	15.0	75.0	27.7	59	
NEW JERSEY DEPT. OF TRANSPORTATION - REHABILITATE EPIC LACKAWANNA LINE & BUY RAIL CARS (NJ-03-0014)	12/74	307.4	12/74	307.4	53.0	265.0	42.4	14	
NEW YORK CITY TRANSIT AUTHORITY - BUSES & FACILITIES (FED AID URBAN SYSTEMS - INTERSTATE HIGHWAY SUBSTITUTION) (NY-23-0001)	06/74	47.3	06/74	47.3	14.3	47.3			
NEW YORK CITY TRANSIT AUTHORITY-ARCHER AVE. SUBWAY CONSTRUCTION (SECTIONS 2 & 3) (NY-03-0051)	06/74	257.7	06/74	257.7	75.1	375.3	117.6	46	
NEW YORK CITY TRANSIT AUTHORITY-CAPITAL IMPROVEMENTS TO EXISTING ROUTES (NY-03-0095)	03/76	105.3	03/76	105.3	21.1	105.3			
NEW YORK CITY TRANSIT AUTHORITY-EAST 43 ST. CONSTRUCTION (NY-03-0045)	06/73	754.0	06/73	754.0	150.8	754.1	.1		

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AT JUNE 30, 1976  
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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	%		
DEPARTMENT OF TRANSPORTATION: (CONT.)										
URBAN MASS TRANSPORTATION ADMINISTRATION: (CONT.)										
MASS TRANSIT GRANTS: (CONT.)										
NEW YORK CITY TRANSIT AUTHORITY-SUBWAY CAR PURCHASE (NY-03-0046)	03/72	213.5	03/72	213.5	71.0	213.3	.2-			
NEW YORK CITY TRANSPORTATION ADMINISTRATION - STATEN ISLAND FERRIES (NY-03-0017)	06/74	28.0	06/74	28.0	6.0	30.0	2.0	7		
NEW YORK METROPOLITAN TRANSIT AUTHORITY - EXTENSION & REHABILITATION OF LONG ISLAND RR (NY-03-0035)	02/74	250.0	02/74	250.0	50.0	250.0				
NEW YORK METROPOLITAN TRANSIT AUTHORITY - IMPROVEMENTS TO LONG ISLAND RR AND PENN CENTRAL RR (NY-03-0085)	11/75	35.0	11/75	35.0	7.0	35.0				
NEW YORK METROPOLITAN TRANSIT AUTHORITY-IMPROVEMENTS TO NYC TRANSIT SYSTEM (NY-03-0086)	03/76	26.1	03/76	26.1	5.2	26.1				
PHILADELPHIA - COMMUTER TERMINAL, CENTER CITY COMMUTER CONNECTION & STATION (PA-03-0013)	06/75	300.0	06/75	300.0	60.0	300.0				
PHILADELPHIA - HIGH SPEED LINE TO AIRPORT (PA-03-0043)	06/74	44.2	06/74	44.2	13.8	68.8	24.6	56		

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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.)											
PHILADELPHIA, DEPT OF PUBLIC PROPERTY-RELOCATE PORTION OF FRANKFORD ELEVATED STRUCTURE (PA-03-0036)	10/72	28.9	10/72	28.9	5.8	28.8	.1-				
PORT AUTHORITY OF ALLEGHENY COUNTY - PITTSBURGH ELEVATED TRANSIT SYSTEM (PA-03-0012)	03/70	228.0	03/70	228.0	40.0	160.0	68.0-	30-			
S. CALIFORNIA RAPID TRANSIT DISTRICT - PURCHASE PROPERTY AND REHABILITATE BUSES (CA-03-0090)	06/74	36.1	06/74	36.1	7.2	36.1					
S.E. MICHIGAN TRANSPORTATION AUTHORITY - BUSES & SUPPORT EQUIPMENT (MI-03-0030)	12/74	26.9	12/74	26.9	5.4	26.9					
S.E. PENNSYLVANIA TRANSP. AUTH.-COMMUTER RAIL PROJECT (FED AID URBAN SYSTEMS - INTER- STATE HIGHWAY SUBSTITUTION) (PA-23-9001)	06/74	77.7	06/74	77.7	15.5	77.7					
S.E. PENNSYLVANIA TRANSPORTATION AUTHORITY - PHILADELPHIA, BUSES & RELATED EQUIPMENT (PA-03-0032)	03/72	36.5	03/72	36.5	19.5	58.5	22.0	60			

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AGENCY AND PROJECT	ORIGINAL ESTIMATE DATE	AMOUNT	DATE	BASELINE ESTIMATE AMOUNT	CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE	NOTES
					NON- FEDERAL SHARE	TOTAL AMOUNT			
DEPARTMENT OF TRANSPORTATION: (CONT.)									61
URBAN MASS TRANSPORTATION ADMINISTRATION: (CONT.)									
MASS TRANSIT GRANTS: (CONT.)									
S.E. PENNSYLVANIA TRANSPORTATION AUTHORITY-MODERNIZATION PHASE II (PA-03-0062)	04/76	33.3	04/76	33.3	6.4	32.1	1.2-	4-	
TWIN CITIES AREA METROPOLITAN TRANSIT COMMISSION - NEW BUSES FOR CAPITAL IMPROVEMENT PROGRAM (MN-03-0005)	03/72	25.6	03/72	27.1	9.0	27.0	.1-		
TWIN CITIES AREA METROPOLITAN TRANSIT COMMISSION - ST. PAUL BUSES & EQUIPMENT (MN-03-0012)	06/74	29.5	06/74	29.5	6.0	30.1	.6	2	
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY - BUS SYSTEM (IT-03-0019)	01/73	106.2	01/73	106.2	35.4	106.2			
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY - METRO RAIL CONSTRUCTION (FED AID URBAN SYSTEMS - INTERSTATE HIGHWAY SUBSTITUTION) (IT-23-9001)	10/75	375.0	10/75	375.0	88.5	375.0			
SUB TOTAL		6,633.5		6,635.0	1,563.2	7,211.5	576.5		
AGENCY TOTAL		47,866.1		47,901.4	12,627.5	109,421.1	61,519.7		
DISTRICT OF COLUMBIA GOVERNMENT:									
CORRECTIONAL DETENTION CENTER	1970	30.5	1970	30.5		30.5			.1-



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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	%		
DISTRICT OF COLUMBIA GOVERNMENT: (CONT.)										
ENVIRONMENTAL SERVICES:										
ADVANCE OF PAVING AND DRAINAGE COMPLAINTS	1960	26.3	1960	26.3		26.3				
TRUNK WATER MAINS SPECIAL PROJECT	1967	40.0	1967	40.0		43.3	3.3	8	3.3	
WATER POLLUTION CONTROL PLANT	1970	71.0	1970	71.0		70.8	.2-		.2-	
SUB TOTAL		137.3		137.3		140.4	3.1			
FEDERAL CITY COLLEGE	1974	128.9	1974	128.9		143.3	14.4	11	14.4	
HIGHWAYS & TRAFFIC:										
STREET IMPROVEMENTS AND EXTENSIONS	1969	54.0	1969	54.0		54.0				
LOCAL FLOODING RELIEF AND STORM DRAINAGE:										
CAPITAL HILL RELIEF	1969	25.1	1969	25.1		49.8	24.7	98		
N. E. BOUNDARY RELIEF SEWER	1969	37.1	1969	37.1		45.6	8.5	23		
SUB TOTAL		62.2		62.2		95.4	33.2			
LORTON RENOVATION PROGRAM	1972	65.2	1972	65.2		55.2	10.0-	15-		
NEW COURTHOUSE BUILDING	1969	45.4	1969	45.4		45.4				
WASHINGTON AQUEDUCT:										
WATER TREATMENT PLANT EXTENSION AND IMPROVEMENTS	1972	33.5	1972	33.5		33.5				
WASHINGTON TECHNICAL INSTITUTE	1968	111.0	1968	111.0		112.0	1.0	1		
AGENCY TOTAL		668.0		668.0		709.7	41.7			

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(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION:									
CONSERVATION RESEARCH AND DEVELOPMENT:									
4-8 MW FUEL CELL DEMONSTRATION UNIT, CA	04/76	50.0	1976	56.0	23.0	56.0			01
FOSSIL ENERGY DEVELOPMENT:									
ATMOSPHERIC PRESSURE FLUIDIZED-BED BOILER 30 MW PILOT, RIVESVILLE, WV	1972	34.4	1976	34.4		34.4			03
BI-GAS PILOT PLANT, HOMER CITY, PA	1972	133.8	1976	133.8	43.3	133.8			03
CARBON-DIOXIDE ACCEPTOR PILOT PLANT, RAPID CITY, ND	1974	49.8	1976	49.8	12.1	49.8			03
CLEAN BOILER FUEL DEMONSTRATION PLANT	12/74	166.0	12/74	166.0	75.0	166.0			
COMBINED CYCLE TEST FACILITY, PEKIN, IL	1975	104.9	1975	104.9	42.7	104.9			03
COMPONENT DEVELOPMENT AND INTEGRATION FACILITY	01/76	31.5	01/76	31.5		31.5			
CRESAP TEST FACILITY, CRESAP, WV	1975	74.8	1975	74.8	2.0	74.8			03
DONOR SOLVENT EXTRACTION PILOT PLANT, BAYTOWN, TX	1975	240.0	1975	240.0	120.0	240.0			03
EBULLATED BED (H-COAL) PILOT PLANT, CATTLETTSBURG, KY	12/75	165.2	1976	165.2	49.5	165.2			
FIXED BED SYNTHETIC OIL PROCESS DEVELOPMENT UNIT, BRUCETON, PA	1974	26.9	1976	26.9		26.9			02
WYGAS PILOT PLANT, CHICAGO, IL	1974	50.7	1974	50.7	12.2	50.7			03

## APPENDIX II

ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		DATE		BASLINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	AMOUNT		
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION: (CONT.)													01
FOSSIL ENERGY DEVELOPMENT: (CONT.)													
PRESSURIZED FLUIDIZED - BED COMBINED CYCLE PLANT, 13MW, PILOT, WOODBRIDGE, NJ	03/76	32.6	03/76	32.6			6.0	32.6					
SOLVENT REFINED COAL PILOT PLANT, TAKOMA, WA	1974	140.0	1976	140.0				140.0					03
STEAM-IRON PILOT PLANT, CHICAGO, IL	1974	58.6	1976	58.6			19.5	58.6					03
SYNTHANE PILOT PLANT, PITTSBURGH, PA	1974	68.3	1976	68.3				68.3					03
SUB TOTAL		1,377.5		1,377.5			382.3	1,377.5					
FUSION POWER RESEARCH AND DEVELOPMENT:													
DOUBLET III, CA	02/74	19.0	02/74	19.0				26.4	7.4	39			
HIGH ENERGY LASER FACILITY, LASL, NM (APP. III, P. 87)	12/73	22.6	12/73	22.6				54.5	31.9	141	1.0		
HIGH ENERGY LASER FACILITY, LLL, CA	12/72	20.0	12/72	20.0				25.0	5.0	25			
TOKAMAK FUSION TEST REACTOR, PRINCETON PLASMA LAB, PLAINSBORO, NJ	01/75	215.0	01/75	215.0				228.0	13.0	6	13.0		
SUB TOTAL		276.6		276.6				333.9	57.3				
HIGH ENERGY PHYSICS RESEARCH:													
200 BEV ACCELERATOR, DU PAGE AND KANE COUNTIES, IL	12/67	250.0	12/67	250.0				243.5	6.5-	3-			

## APPENDIX II

ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(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		

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ENERGY RESEARCH AND DEVELOPMENT (CONT.)  
ADMINISTRATION:

HIGH ENERGY PHYSICS RESEARCH: (CONT.)

POSITRON-ELECTRON JOINT PROJECT,  
LAWRENCE BERKELEY LABORATORY &  
STANFORD LINEAR ACCELERATOR CEN-  
TER, CA

SUB TOTAL

LIQUID METAL FAST BREEDER REACTOR  
DEVELOPMENT:

FAST FLUX TEST FACILITY,  
RICHLAND, WA (APP. III, P. 87)

LIQUID METAL FAST BREEDER,  
CLINCH RIVER, TN (APP. III, P.  
87)

SUB TOTAL

NAVAL REACTOR DEVELOPMENT:

SGH PROTOTYPE PROPULSION PLANT,  
W. MILTON, NY

SPECIAL MATERIALS PRODUCTION:

ADDITIONAL FACILITIES, HIGH  
LEVEL WASTE HANDLING AND  
STORAGE, SAVANNAH RIVER, SC

ADDITIONAL FACILITIES, HIGH  
LEVEL WASTE STORAGE, SAVANNAH  
RIVER, SC

ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	\$	
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION: (CONT.)									
SPECIAL MATERIALS PRODUCTION: (CONT.)									
ADDITIONAL HIGH LEVEL WASTE STORAGE FACILITIES, RICHLAND, WA	12/74	35.0	12/74	35.0		35.0			
ADDITIONAL WASTE CONCENTRATION AND SALT CAKE STORAGE FACILITIES, RICHLAND, WA	09/73	30.0	09/73	30.0		30.0			
NEW WASTE CALCINING FACILITY (CHEMICAL PROCESSING PLANT, NRTS), ID (APP. III, P. 87)	12/73	20.0	12/73	20.0		65.0	45.0	225	
SUB TOTAL		183.0		183.0		229.5	46.5		
URANIUM ENRICHMENT ACTIVITIES:									
ADDITIONAL FACILITY FOR ENRICHED URANIUM PRODUCTION, PORTSMOUTH, OH	12/75	2,411.0	12/75	2,411.0		2,800.0	389.0	16	
CASCADE UPGRATING PROGRAM, GASEOUS DIFFUSION PLANTS	12/72	235.0	12/72	235.0		460.0	225.0	96	
COMPONENT PREPARATION LABS MULTIPLE SITES	12/71	26.0	12/71	26.0		30.4	4.4	17	
COMPONENT TEST FACILITY, OAK RIDGE, TN (APP. III, P. 87)	12/71	21.2	12/71	21.2		46.8	25.6	121	10.7
GASEOUS DIFFUSION PRODUCTION SUPPORT FACILITIES	04/71	95.0	04/71	95.0		107.0	12.0	13	
PROCESS EQUIPMENT MODIFICATIONS GASEOUS DIFFUSION PLANTS	12/71	523.0	12/71	523.0		925.0	402.0	77	
SUB TOTAL		3,311.2		3,311.2		4,369.2	1,058.0		

## APPENDIX II

ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		DATE	BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE	YEARLY CHANGE	NOTES
	DATE	AMOUNT		DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT			
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION: (CONT.)										
WEAPONS ACTIVITIES:										
DP SITE PU PROCESS FACILITY, LASL, NM (APP. III, P. 87)	09/70	30.0	09/70	30.0		75.0	45.0	150		
NEW PLUTONIUM RECOVERY FACILITY, ROCKY FLATS (APP. III, P. 87)	09/70	63.0	09/70	63.0		140.0	77.0	122		
SUB TOTAL		93.0		93.0		215.0	122.0			
AGENCY TOTAL		6,524.8		6,536.8	673.3	9,546.6	3,009.8			01

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ENVIRONMENTAL PROTECTION AGENCY:  
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS:

ALBANY COUNTY SU, NY (C360308-01-0)	08/70	57.5	08/70	57.5	37.3	72.0	14.5	25	
ALEXANDRIA SA, VA (C510356-01-0) (APP. III, P. 88)	06/73	5.0	06/73	5.0	17.2	72.6	67.6	1,352	
ALLEGHENY COUNTY SANITATION AUTHORITY, PA (C420417-01-0)	07/69	46.4	07/69	46.4	21.4	47.5	1.1	2	
AMHERST, N.Y. (C360618-01-0)	08/74	50.2	08/74	50.2	12.6	50.2			
AMHERST, NY - (PHASE 3) (C360618-03-0)	06/75	81.3	06/75	81.3	20.3	81.3			
ARLINGTON COUNTY RD, VA (C510547-01-0)	04/76	32.4	04/76	32.4	8.1	32.4			
ATLANTA (RM CLAYTON PLANT), GA (C130176-01-0) (APP. III, P. 88)	05/68	6.0	05/68	6.0	26.2	50.5	44.5	742	

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## APPENDIX II

ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)									
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)									
ATLANTIC COUNTY SEWERAGE AUTHORITY, NJ (C340344-01-0)	06/73	68.3	06/73	68.3	26.7	106.8	38.5	56	
AUSTIN, TX (C480824-01-0)	09/71	29.1	09/71	29.1	25.5	56.7	27.6	95	
BALTIMORE, MD (C240316-01-0) (APP. III, P. 88)	06/73	8.3	06/73	8.3	7.7	30.8	22.5	271	
BALTIMORE, MD (C240328-01-0)	06/74	41.0	06/74	41.0	10.0	39.9	1.1-	3-	
BALTIMORE, MD (C240328-02-0)	06/76	40.3	06/76	40.3	10.1	40.3			
BAY CITY, MI (C262345-03-0)	06/75	28.3	06/75	28.3	8.5	34.0	5.7	20	
BERGEN COUNTY SA, NJ (C340386-01-0)	12/75	60.7	12/75	60.7	15.2	60.7			
BOSTON METROPOLITAN DISTRICT COMMISSION, MA (C250312-01-0)	05/75	25.2	05/75	25.2	6.3	25.2			
BRICK TOWNSHIP MUA, NJ (C340448-01-0)	06/75	35.0	06/75	35.0	14.8	35.0			
BROWARD COUNTY (FT. LAUDERDALE), FL (C120309-01-0) (APP. III, P. 88)	01/71	14.0	01/71	14.0	14.3	29.0	15.0	107	
BUFFALO SA, NY (C360616-01-0) (APP. III, P. 88)	02/71	76.8	02/71	76.8	93.6	161.1	84.3	110	
CAMPBELL-KENTON COUNTY SD, KY (C210335-02-0)	06/74	21.0	06/74	21.0	9.4	33.8	12.8	51	
CEDAR RAPIDS, IA (C190575-02-0)	06/76	31.7	06/76	31.7	9.2	36.7			

ENVIRONMENTAL PROTECTION AGENCY: (CONT.)

CONSTRUCTION GRANTS FOR WASTEWATER  
TREATMENT WORKS: (CONT.)

ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)									
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)									
CENTRAL CONTRA COSTA, CA (C060696-01-0)	12/72	54.7	12/72	54.7	13.3	53.3	1.4--	3--	
CHARLES RIVER PC DISTRICT, MA (C250297-01-0)	05/76	25.1	05/76	25.1	6.3	25.1			
CLARK COUNTY, NV (C320105-03-0)	12/75	45.3	12/75	45.3	11.3	45.3			
COBB COUNTY H AND SS (MARJETTA), GA (C130173-01-0) (APP. III, P. 88)	05/68	17.7	05/68	17.7	23.0	43.2	25.5	144	
DALLAS, TX (C481124-03-0)	05/76	36.2	05/76	36.2	9.1	36.2			
DALLAS, TX (C480822-01-0)	09/71	21.1	09/71	21.1	17.1	38.0	16.9	80	
DAVENPORT, IA (C250597-01-0) (APP. III, P. 88)	06/73	8.4	06/73	8.4	8.2	32.9	24.5	292	
DEKALB COUNTY, GA (C130457-02-0)	06/76	28.7	06/76	28.7	7.2	28.7			
DELCORA, PA (C420675-01-0)	02/73	32.4	02/73	32.4	9.6	38.4	6.0	19	
DETROIT BOARD OF WATER COMMISSIONERS, MI (C262376-01-0)	06/73	106.9	06/73	106.9	26.7	106.9			
DETROIT MS, MI (C261387-01-0)	11/69	80.0	11/69	80.0	42.3	80.0			
DETROIT MS, MI (C261569-01-0)	06/70	80.0	06/70	80.0	41.6	80.0			
DETROIT MWS, MI (C261896-01-0)	08/71	60.0	08/71	60.0	27.0	60.0			
DETROIT, MI (C262300-02-0)	06/75	34.0	06/75	34.0	8.5	34.0			
DETROIT, MI (C262300-03-0)	06/75	79.6	06/75	79.6	22.2	88.8	9.2	12	

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE			CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	AMOUNT	
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)								
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)								
DETROIT, MI (C262382-02-0)	05/75	26.7	05/75	6.7	26.7			01
DISTRICT OF COLUMBIA (C110027-01-0) (APP. III, P. 88)								
EAST BAY MUNICIPAL UTILITY DISTRICT- CA (C060735-01-0)	06/73	47.2	06/73	37.0	148.1	100.9	214	
ERIE COUNTY - SOUTHTOWNS STATION, NY (C360757-01-0)	07/73	45.0	07/73	13.2	53.0	8.0	18	
ERIE COUNTY SD NO. 4, NY (C360390-01-0)	06/76	47.8	06/76	11.9	47.8			
ESSEX AND UNION COUNTIES, NJ (C340340-01-0)	08/74	27.2	08/74	6.8	27.2			
FAIRFAX COUNTY, VA (C510440-01-0)	06/73	53.0	06/73	14.3	57.4	4.4	8	
FAIRFIELD, CA (C060810-01-0)	05/73	26.0	05/73	7.5	30.1	4.1	16	
FLINT, MI (C262127-01-0)	08/74	18.2	08/74	6.8	27.1	8.9	49	
FORT WAYNE, IN (C180538-01-0)	06/73	51.2	06/73	12.5	50.1	1.1-	2-	
FORT WORTH, TX (C481017-03-0)	06/74	19.8	06/74	8.4	33.4	13.6	69	
FRESNO, CA (C060762-01-0)	03/75	9	03/75	13.5	54.1	10.7-	17-	
GARY SD, IN (C180840-01-0)	03/74	22.0	03/74	6.5	26.0	4.0	18	
	06/76	34.0	06/76	8.5	34.0			

ESTIMATE D COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
A: JUNE 30, 1976  
(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		
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)											
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)											
GATES - CHILI - OGDEN SD (ROCHESTER), NY (C360578-01-0) (APP. III, P. 88)	10/69	10.9	10/69	10.9	14.8	28.5	17.6	161			
GLOUCESTER COUNTY SA, NJ (C340284-01-0)	03/71	33.8	03/71	33.8	18.3	34.8	1.0	3			
GREEN HAY MSD, MI (C550499-01-0)	03/71	41.6	03/71	41.6	43.1	70.3	28.7	69			
HAMILTON COUNTY (CINCINNATI), OH (C390556-01-0) (APP. III, P. 88)	05/72	23.5	05/72	23.5	28.3	57.7	34.2	146			
HARTFORD, CT (C090089-01-0)	10/68	33.2	10/68	33.2	17.7	31.5	1.7-	5-			
HONOLULU, HI (C150046-02-0)	06/75	38.4	06/75	38.4	12.7	50.8	12.4	32			
HOFERWELL, VA (C510345-02-0) (APP. III, P. 88)	02/75	9.9	02/75	9.9	9.6	38.4	28.5	288			
IRONDEQUOIT BAY PURE WD, NY (C360500-01-0)	12/69	80.5	12/69	80.5	76.9	126.2	45.7	57			
JACKSONVILLE, FL (C120298-01-0)	06/70	46.3	06/70	46.3	32.1	59.3	13.0	28			
JEFFERSON COUNTY, AL (C010215-01-0)	05/71	35.4	05/71	35.4	20.8	56.2	20.8	59			
LANSING, MI (C262041-01-0)	06/73	24.0	06/73	24.0	8.2	32.9	8.9	37			
LAWRENCE SD, MA (C250252-01-0)	02/73	59.0	02/73	59.0	11.3	45.2	13.8-	23-			

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)									
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)									
LOUISVILLE - JEFFERSON COUNTY MSD, KY (C210551-02-0) (APP. III, P. 88)	02/76	.3	02/76	.3	8.8	35.0	34.7		01
LOUISVILLE - JEFFERSON COUNTY, KY (C210284-01-0)	12/70	46.3	12/70	46.3	30.6	68.1	21.8	47	12
LOWELL, MA (C250284-01-0)	05/75	49.5	05/75	49.5	12.4	49.5			
MEMPHIS, TN (C470247-01-0) (APP. III, P. 88)	03/70	29.7	03/70	29.7	53.0	94.3	64.6	218	
MIAMI - DADE WATER AND SEWER AUTHORITY, FL (C120375-01-0) (APP. III, P. 88)	10/74	31.3	10/74	31.3	26.1	104.4	73.1	234	
MIAMI - DADE WATER AND SEWER AUTHORITY, FL (C120429-01-0)	06/74	54.0	06/74	54.0	13.5	54.0			
MIDDLESEX COUNTY SA, NJ (C340342-01-0)	12/72	88.9	12/72	88.9	38.8	108.8	19.9	22	
MILWAUKEE, WI (C550391-01-0)	03/71	26.6	03/71	26.6	16.6	27.8	1.2	5	
MSD OF CHICAGO, IL (C175111-01-0)	06/75	124.3	06/75	124.3	31.3	125.2	.9	1	
MSD OF CHICAGO, IL (C175286-01-0)	06/76	67.2	06/76	67.2	16.8	67.2			
MSD OF CHICAGO, IL (C175321-01-0)	06/75	57.9	06/75	57.9	16.4	65.6	7.7	13	
MSD OF CHICAGO, IL (C175322-01-0)	06/75	57.7	06/75	57.7	17.0	67.9	10.2	18	

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ESTIMATED COS, DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(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		
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)											
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)											
MSD OF CHICAGO, IL (C175445-01-0)	06/76	86.2	06/76	86.2	21.5	86.2					
MSD OF CHICAGO, IL (C170745-01-0)	04/70	32.9	04/70	32.9	17.7	34.7	1.8	5			
MSD OF CHICAGO, IL (C170900-01-0)	03/71	43.6	03/71	43.6	19.4	44.5	.9	2			
MUSKEGON COUNTY, MI (C261503-01-0)	09/70	30.9	09/70	30.9	21.8	34.9	4.0	13			
NASSAU CO'NTY SU NO. 3, NY (C360628-01-0)	03/71	46.1	03/71	46.1	51.6	83.2	37.1	80			
NASSAU COUNTY SU NO. 3, NY (C360982-01-0)	06/76	32.8	06/76	32.8	8.2	32.8					
NASSAU COUNTY SU NO. 3, NY (C360361-01-0)	01/68	83.7	01/68	83.7	75.1	151.4	67.7	81			
NEPTUNE SA, NJ (C340410-01-0)	12/75	27.2	12/75	27.2	6.8	27.2					
NEW CASTLE COUNTY (NEWARK), DE (C100081-01-0) (APP. III, P. 89)	06/74	8.5	06/74	8.5	6.7	26.6	10.1	213			
NEW HAVEN, CT (C090176-01-0)	06/75	49.7	06/75	49.7	10.4	41.4	8.3-	17-			
NEW ORLEANS SEWERAGE AND WATER BOARD, LA (C220298-01-0)	12/72	28.6	12/72	28.6	7.7	30.9	2.3	8			
NEW ORLEANS SEWERAGE AND WATER BOARD, LA (C220341-02-0)	05/75	25.9	05/75	25.9	6.5	25.9					

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(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		
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)											
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)											
NEW YORK CITY (26TH WARD), NY (C360405-01-0) (APP. III, P. 89)	12/69	21.6	12/69	21.6	26.7	48.1	26.5	123			
NEW YORK CITY (BOWERY BAY), NY (C360398-01-0)	06/70	48.5	06/70	48.5	54.8	89.1	40.6	84			
NEW YORK CITY (HUNTS POINT), NY (C360397-01-0)	05/70	43.0	05/70	43.0	40.4	67.9	24.9	58			
NEW YORK CITY (JAMAICA WPCP), NY (C360400-01-0)	05/70	23.6	05/70	23.6	17.1	31.4	7.8	33			
NEW YORK CITY (NORTH RIVER), NY (C360178-01-0) (APP. III, P. 89)	05/68	214.5	05/68	214.5	523.5	845.0	630.5	294			
NEW YORK CITY (JACKWOOD BEACH), NY (C360392-01-0)	03/73	109.2	03/73	109.2	30.0	119.9	10.7	10			
NEW YORK CITY (PORT RICHMOND), NY (C360593-01-0)	06/70	130.0	06/70	130.0	97.2	165.3	35.3	27			
NEW YORK CITY (MOCKAWAY WPCP), NY (C360403-01-0)	03/71	38.1	03/71	38.1	28.7	47.5	9.4	25			
NEW YORK CITY (FALLSWAN ISLAND), NY (C360404-01-0)	10/70	32.4	10/70	32.4	25.7	43.0	10.6	33			
NEW YORK CITY (WARDS ISLAND), NY (C360395-01-0) (APP. III, P. 89)	01/73	47.4	01/70	47.4	70.2	116.3	68.9	145			
NIAGARA COUNTY SD NO. 1, NY (C360707-01-0)	06/74	42.6	06/74	42.6	13.3	53.1	10.5	25			

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## APPENDIX II

ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE AMOUNT	NOTES
	DATE	AMOUNT	DATE	AMOUNT	FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	\$		
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)										
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)										
NIAGARA FALLS, N.Y. (C360747-01-0)	03/73	63.2	03/73	63.2	15.8	63.2				
NORTH SHORE SD, (WAUKEGAN), IL (C170745-01-0) (APP. ILL. P. 89)	04/70	35.0	04/70	35.0	42.0	73.5	38.5	110		
NORTH SHORE, SD (C171223-01-0)	04/72	39.4	04/72	39.4	28.9	64.2	24.8	63		
NORTH TONAWANDA, N.Y. (C360495-01-0)	08/75	22.6	08/75	22.6	9.0	36.1	13.5	60		
NW QUADRANT PURE WD NO. 1, NY (C360496-01-0)	08/69	22.2	08/69	22.2	20.6	39.7	17.5	79		
OCEAN COUNTY SEWERAGE AUTHORITY, NJ (C340371-01-0)	06/74	62.1	06/74	62.1	21.6	86.4	24.3	39		
OCEAN COUNTY SEWERAGE AUTHORITY, NJ (C340372-02-0)	06/75	46.1	06/75	46.1	11.5	46.1				
OCEAN COUNTY SEWERAGE AUTHORITY, NJ (C340372-03-0)	05/76	77.0	05/76	77.0	19.3	57.8	19.2	25		
OCEAN COUNTY SEWERAGE AUTHORITY, NJ (C340356-01-0)	06/73	88.3	06/73	88.3	22.1	88.3				
ONEIDA COUNTY SD, NY (C360371-01-0)	01/68	20.0	01/68	20.0	16.0	30.2	10.2	51		
ONONDAGA COUNTY, NY (C360762-01-0)	06/76	30.9	06/76	30.9	7.7	30.9				
ONONDAGA, COUNTY, NY (C360659-01-0)	06/74	107.6	06/74	107.6	26.9	107.6				

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)									
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)									
ORANGE COUNTY SD NO. 1, CA (C060779-01-0)	03/74	27.2	03/74	27.2	7.7	30.7	3.5	13	
OKLAHOMA, CA (C060924-01-0)	11/75	21.0	11/75	21.0	7.8	31.4	10.4	50	
PARSIPPANY/TROY HILLS, NJ (C340333-01-0)	06/73	23.4	06/73	23.4	7.8	31.2	7.8	33	
PARSIPPANY/TROY HILLS, NJ (C340333-03-0)	12/75	27.0	12/75	27.0	6.8	27.0			
PASSAIC VALLEY SEWERAGE COMMISSION, NJ (C340369-02-0)	06/76	188.7	06/76	188.7	47.2	188.7			
PENSACOLA, FL (C120428-02-0)	05/74	25.4	05/74	25.4	12.5	50.0	24.6	97	
PERUANNICK / LINCOLN PARK / FAIRFIELD SA, NJ (C340354-01-0)	06/75	33.1	06/75	33.1	9.3	37.0	3.9	12	
PHILADELPHIA, PA (C420786-01-0) (APP. III, P. 89)	06/74	49.3	06/74	49.3	30.8	123.1	73.8	150	
PIMA COUNTY DEPARTMENT OF SANITATION, AZ (C040151-01-0)	06/75	29.6	06/75	29.6	7.1	28.4	1.2-	4-	
PORTLAND WATER DISTRICT, ME (C230123-01-0)	11/75	44.5	11/75	44.5	11.1	44.5			
PRASA-CAGUAS (SANTURCE), PR (C720082-01-0) (APP. III, P. 89)	12/72	12.5	12/72	12.5	6.6	26.3	13.8	110	
RENSSELAER COUNTY SD NO. 1, NY (C360389-01-0)	03/73	57.9	03/73	57.9	11.2	45.0	12.9-	22-	
ROCHESTER, NY (C360375-01-0)	01/68	48.6	01/68	48.6	42.3	79.0	30.4	63	

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON-FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	%	
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)									
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)									
ROCKLAND COUNTY SD NO. 1, NY (C360274-01-0)	12/65	28.5	12/65	28.5	19.1	28.5			
S. ESSEX SD, MA (C250241-01-0)	10/72	26.5	10/72	26.5	10.0	26.5			
SACRAMENTO REG LSO, CA (C060938-02-0)	05/75	196.3	05/75	196.3	55.8	223.4	27.1	14	
SAN FRANCISCO, CA (C060740-01-0)	10/74	20.7	10/74	20.7	8.2	32.7	12.0	58	
SAN FRANCISCO, CA (C061248-01-0)	06/76	72.8	06/76	72.8	18.2	72.7	.1-		
SAN FRANCISCO, CA (C061249-01-0)	06/76	27.8	06/76	27.8	6.9	27.8			
SAN FRANCISCO, CA (C061254-01-0)	06/76	86.5	06/76	86.5	21.6	86.5			
SAN JOSE, CA (C060947-01-0)	06/75	70.3	06/75	70.3	17.6	70.3			
SANTA BARBARA, CA (C060797-01-0)	06/74	29.6	06/74	29.6	7.7	31.0	1.4	5	
SARATOGA COUNTY SD NO.1, NY (C350643-01-0)	10/74	45.6	10/74	45.6	10.3	41.2	4.4-	10-	
SIoux CITY, IA (C190584-02-0)	03/76	32.4	03/76	32.4	8.1	32.4			
SOUTH MONMOUTH REGIONAL SA, NJ (C340377-01-0)	09/74	27.5	09/74	27.5	6.9	27.5			
SOUTHGATE-WYANDOTTE, MI (C262600-02-0)	05/75	54.4	05/75	54.4	13.6	54.4			
SPOKANE, WA (C30580-02-0) (APP. III, P. 8)	07/74	1.3	07/74	1.3	10.5	41.9	40.6	3,123	
SPRINGFIELD, MA (C250258-01-0)	02/73	64.1	02/73	64.1	13.1	52.6	11.5-	18-	
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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE			CURRENT ESTIMATE			INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES -----
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT	% AMOUNT	
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)									
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS: (CONT.)									
SPRINGFIELD, MO (C290564-01-0) (APP. III, P. 89)	12/72	15.0	12/72	15.0	10.4	41.5	26.5	177	12
ST. JOSEPH, MO (C290480-02-0) (APP. III, P. 89)	04/74	.1	04/74	.1	6.9	27.5	27.4		
ST. PETERSBURG, FL (C120523-01-0)	06/75	15.5	06/75	16.5	6.6	26.4	9.9	60	
STONY BROOK REGIONAL SA, NJ (C340400-02-0)	06/75	26.2	06/75	26.2	6.6	26.2			
SUFFOLK COUNTY SWSD, NY (C340624-01-0)	03/71	210.9	03/71	210.9	160.3	280.0	69.1	33	01
TAHOE-TRUCKEE SANITATION DISTRICT, CA (C061121-02-0)	07/75	32.0	07/75	32.0	7.7	30.7	1.3-	4-	
TAMPA, FL (C120473-02-0)	05/74	45.6	05/74	45.6	22.3	89.3	43.7	96	
TONAWANDA, NY (C360391-01-0)	06/74	63.6	06/74	63.6	17.0	68.0	4.4	7	
TRINITY RIVER AUTHORITY (ARLINGTON), TX (C480992-01-0) (APP. III, P. 89)	12/72	16.5	12/72	16.5	17.5	70.0	53.5	324	4-
TRINITY RIVER AUTHORITY, TX (C481094-03-0)	06/76	27.7	06/76	27.7	6.9	27.7			
TWIN CITIES METROPOLITAN WASTE CONTROL COMMISSION, MN (C270665-02-0)	10/74	51.6	10/74	51.6	12.4	49.7	1.9-		

ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		NON- FEDERAL SHARE	CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE	NOTES
	DATE	AMOUNT	DATE	AMOUNT		TOTAL AMOUNT	AMOUNT	%			
GENERAL SERVICES ADMINISTRATION: (CONT.)											
WOODLAWN, MD - SSA COMPUTER CENTER BUILDING	09/74	68.7	09/74	68.7		73.0	4.3	6	4.3		
AGENCY TOTAL		606.1		761.4		820.4	59.0				
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION:											
ATMOSPHERE EXPLORER (C THRU E)	12/69	50.4	09/71	59.4		74.3	14.9	25	4.2		08
HIGH ENERGY ASTRONOMY OBSERVATORY	02/74	232.8	10/74	258.9		286.8	27.9	11	25.5		
INTERNATIONAL SUN--EARTH EXPLORERS	02/74	50.7	10/75	55.7		56.0	.3	1	.3		
INTERNATIONAL ULTRA-VIOLET EXPLORER	09/71	34.2	09/71	34.2		36.7	2.5	7	1.4		
LANDSAT C	02/74	40.7	01/76	40.7		47.9	7.2	18	7.2		
MARINER JUPITER-SATURN 1977	07/72	377.5	05/74	371.2		389.9	18.7	5	13.8		
NIMBUS G	02/73	81.8	07/75	86.5		86.9	.4		.4		
PIONEER VENUS	02/74	207.1	12/74	207.1		217.9	10.8	5	7.6		
QUIET, CLEAN, SHORT HAUL EXPERIMENTAL ENGINE	03/72	59.9	06/73	33.8		33.9	.1				
SEASAT - A OCEAN DYNAMICS SATELLITE	02/74	58.2	06/75	70.7		70.5	.2-		.2-		
SPACE TRANSPORTATION SYSTEM (SPACE SHUTTLE DDT AND E ONLY)	03/72 (03/72)	5,150.0 5,150.0	03/72 03/72	5,150.0 5,150.0		6,664.0 5,220.0	1,514.0 70.0	29 1	314.0 20.0		09 09
TIROS-N	01/72	57.6	02/74	57.6		48.2	9.4-	16-			
VIKING '75	02/69	451.2	07/70	879.9		1,009.9	130.0	15	15.7-		
AGENCY TOTAL		6,962.1		7,305.7		9,022.9	1,717.2				

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## APPENDIX II

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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT	NON- FEDERAL SHARE	TOTAL AMOUNT	
NATIONAL RAILROAD PASSENGER CORPORATION:							
BI-LEVEL COACHES (APP. III, P. 90)	11/73	90.0	11/73	90.0		188.0	109
DIESEL LOCOMOTIVES	11/73	68.3	11/73	68.3		102.3	50
LOW-LEVEL COACHES	03/74	160.0	03/74	160.0		168.1	5
METRO-TYPE CARS	11/73	23.8	11/73	23.8		41.1	73
TURBINE CARS	11/73	35.0	11/73	35.0		60.0	71
AGENCY TOTAL		377.1		377.1		559.5	182.4
NATIONAL SCIENCE FOUNDATION:							
VERY LARGE ARRAY RADIO TELESCOPE	1973	76.0	1973	76.0		78.1	3
TENNESSEE VALLEY AUTHORITY:							
BEAR CREEK WATER CONTROL SYSTEM (APP. III, P. 90)	01/65	24.0	01/65	24.0		57.0	3.0
BELLEFONTE NUCLEAR PLANT, UNITS 1 & 2	01/71	650.0	01/71	650.0		1,000.0	54
BROWNS'S FERRY NUCLEAR PLANT, UNITS 1-3 (APP. III, P. 90)	01/68	392.0	01/68	392.0		835.0	113
CUMBERLAND STEAM PLANT, UNITS 1 & 2	01/68	325.0	01/68	325.0		437.0	34
DUCK RIVER PROJECT:							
COLUMBIA DAM AND RESERVOIR	06/69	50.0	06/69	50.0		53.5	7
NORMANDY DAM AND RESERVOIR	06/69	23.5	06/69	23.5		38.0	62
SUB TOTAL		73.5		73.5		91.5	18.0
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ESTIMATED COST DATA COMPARISON  
FOR MAJOR MILITARY AND CIVIL ACQUISITIONS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL ESTIMATE				CURRENT ESTIMATE		INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		YEARLY CHANGE		NOTES -----
	DATE		AMOUNT		NON- FEDERAL SHARE	TOTAL AMOUNT	AMOUNT		\$	AMOUNT	
	DATE	AMOUNT	DATE	AMOUNT							
TENNESSEE VALLEY AUTHORITY: (CONT.)											
GALLATIN COMBUSTION TURBINES, UNITS 1-4	01/75	37.0	01/75	37.0		34.0	3.0-	8-	3.0-		
HARTSVILLE NUCLEAR PLANT, UNITS 1-4	01/73	1,575.0	01/73	1,575.0		2,500.0	925.0	59			
JOHNSONVILLE COMBUSTION TURBINES, UNITS 1-16	01/75	100.0	01/75	100.0		95.5	4.5-	4-	4.5-		
MAIN LOCK - PICKWICK LANDING DAM	03/76	100.0	03/76	100.0		100.0					
MODERNIZATION AND INSTALLATION OF ELECTROSTATIC PRECIPITATORS AND STACKS	1973	186.0	1973	186.0		266.0	80.0	43	47.0		
PHIPPS BEND NUCLEAR PLANT	01/75	1,600.0	01/75	1,600.0		1,600.0					
RACCOON MT. STORAGE PROJECT, UNITS 1-4	01/70	155.0	01/70	155.0		300.0	145.0	94	60.0	10	
502 SCRIPPS WIDOW'S CREEK, UNIT 8	01/72	36.0	01/72	36.0		54.0	18.0	50			
SEQUOYAH NUCLEAR PLANT, UNITS 1-2 (APP. III, P. 90)	01/69	336.0	01/69	336.0		755.0	419.0	125	80.0	10	
TELLICO DAM AND RESERVOIR (APP. III, P. 90)	01/65	42.5	01/65	42.5		100.0	57.5	135			
WATTS BAR NUCLEAR PLANT, UNITS 6 2	01/70	500.0	01/70	500.0		805.0	305.0	61			
YELLOW CREEK NUCLEAR PLANT	01/75	1,900.0	01/75	1,900.0		1,900.0					
AGENCY TOTAL		8,032.0		8,032.0		10,930.0	2,898.0				

# APPENDIX II

# APPENDIX II

## ESTIMATED COST DATA COMPARISON FOR MAJOR MILITARY AND CIVIL ACQUISITIONS AT JUNE 30, 1976 (DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL ESTIMATE		BASELINE ESTIMATE		CURRENT ESTIMATE NON- FEDERAL SHARE	INCREASE OR DECREASE (-) FROM BASELINE ESTIMATE		NOTES
	DATE	AMOUNT	DATE	AMOUNT		AMOUNT	%	
VETERANS ADMINISTRATION:								
COMPENSATION, PENSION AND EDUCATION COMPUTER TARGET SYSTEM	07/74	50.3	09/75	81.7				
RELOCATION HOSPITAL, AUGUSTA, GA	1975	49.0	1975	49.0		8.5	17	
RELOCATION HOSPITAL, COLUMBIA, SC	1973	26.2	1973	26.2		18.8	72	
RELOCATION HOSPITAL, LOMA LINDA, CA	1973	33.5	1973	33.5		31.4	94	6.1-
REPLACEMENT HOSPITAL, BRONX, NY	1973	65.0	1973	65.0		50.2	77	7.0-
REPLACEMENT HOSPITAL, LOS ANGELES, CA	1974	93.2	1974	83.1				
REPLACEMENT HOSPITAL, NORTHPORT, NY	1974	20.0	1976	26.0				
AGENCY TOTAL		337.2		365.1		108.9		
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY:								
WASHINGTON REGIONAL RAPID RAIL TRANSIT SYSTEM (APP. III, P. 90)	02/69	2,494.6	02/69	2,494.6	1,890.0	3,017.7	121	861.6
GRAND TOTAL		249,573.9		276,089.4	23,654.3	452,180.4		11

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NOTES

- 1/ Yearly changes are omitted because some projects were not previously reported. In the case of the Appalachian Regional Commission, Environmental Protection Agency, the Federal Highway Administration, and the Urban Mass Transportation Administration, prior reporting was not comparable; therefore, the yearly changes are not shown. The Corps of Engineers' yearly change includes the non-Federal share which was not reported in last year's estimates.
- 2/ Baseline data used when original data was not available.
- 3/ Because only a current estimate was available, it was used as the original and baseline estimates to enable reconciliation of the total.
- 4/ Original (planning) data used for baseline (development) data to enable reconciliation of the total.
- 5/ Procured by the Departments of the Air Force, Army, and Navy.
- 6/ Procured by the Departments of the Air Force and the Navy.
- 7/ House Committee on Appropriations directed Federal Aviation Administration to report on the Microwave Landing System status which may entail some revision of baseline estimates.
- 8/ Support costs, such as construction of facilities, are not included in the acquisition costs.

NOTES (Continued)

- 9/ National Aeronautics and Space Administration officials state that the current estimate for the Space Transportation System should be expressed in the 1971 dollar equivalent, \$5,220 million; the original and baseline estimates are stated in 1971 dollar equivalents. The officials informed us that the \$6,664 million current estimate provides for inflation and is expressed in dollars of the 1977 budget year. We were also told that the equivalent estimate, including inflation to the end of the program (in real year dollars), assuming 7 percent inflation, is \$6,964 million.
- 10/ Revised project estimates as of July 22, 1976:
- (in millions)
- |   |       |
|---|-------|
| Bear Creek Water Control System           | \$ 75 |
| Bellefonte Nuclear Plant, Units 1 & 2     | 1,200 |
| Brown's Ferry Nuclear Plant, Units 1-3    | 907   |
| Columbia Dam and Reservoir                | 142   |
| Raccoon Mt. Storage Project, Units 1-4    | 310   |
| Sequoyah Nuclear Power Plant, Units 1 & 2 | 980   |
| Tellico Dam and Reservoir                 | 116   |
| Watts Bar Nuclear Plant, Units 1 & 2      | 985   |
- 11/ The current estimate includes a contingency of \$487.3 million.
- 12/ Baseline includes only the initial segments of the project; therefore, the percentage increases are not meaningful and are omitted.
- 13/ Current estimate of the Interstate Highway System as of January 1, 1977, is \$104.4 billion.

# APPENDIX III

ANALYSIS OF CIVIL ACQUISITIONS HAVING  
100 PERCENT OR GREATER COST GROWTH  
AT JUNE 30, 1976  
(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	SUNDY	
APPALACHIAN REGIONAL COMMISSION:							
APPALACHIAN DEVELOPMENT MILITARY	1,150.0	1,245.0	1,933.0			3,560.0	7,858.0
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS:							
FLOOD CONTROL:							
H. EVERETT JOHNSON DAM AND LAKE, NC	29.5		11.3		.2	30.7	82.1
HEECH FORK LAKE, WV	12.8	1.5	.2			15.4	34.5
HILCOMINGTON LAKE, MD AND WV	76.7		5.0-		.2	75.0	164.9
CAESAR CREEK LAKE, OH	15.9	6.4	10.4		2.5	20.5	54.6
CAHN FORK LAKE, KY	11.2		15.1		.2	9.1	46.3
CAVE RUN LAKE, NY	25.4	6.0	12.0			14.1	62.6
CENTRAL AND SOUTHERN FL	323.9	202.0	22.0-			249.7	807.9
CHIEF IVY LAKES, AK	109.5		16.7		.2	103.7	229.5
CLINTON LAKE, UK	21.8	.1	3.2			19.6	45.0
CUMBER LAKE AND CHANNELS, TX	15.5		12.7			36.7	70.0
DRY CREEK LAKE, CA	51.0	27.5	17.4		3.6	75.2	204.1
EAST FORK LAKE, OH	19.0	7.1	5.3-		2.6	20.7	45.1
EAST LYNN LAKE, WV	14.3		5.4			10.5	35.2
EL DURAND LAKE, KS	29.3	.1	12.4			34.1	84.5
EL FLO, TX	19.3		15.5		.8	14.0	9.6
ELIZABETH, NJ	14.2		1.5		3.0	19.6	39.0

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## APPENDIX III

ORIGINAL BASELINE ESTIMATE	AGENCY AND PROJECT	COST CHANGE DUE TO					CURRENT ESTIMATE
		QUANTITY	EM- NEERING	SUPPORT	SCHEDULE	ECONOMIC	
	DEPARTMENT OF THE ARMY, COMPS OF ENGINEERS:						
	FLOOD CONTROL:						
	(CONT.)						
27.2	FLA CREEK LAKE, OK	.4	4.0			29.5	73.9
14.2	EVANSVILLE, IN		5.5		.6	23.4	46.9
29.6	FALLS LAKE, NC	.6	15.9		.2	41.5	91.2
	FINE ISLAND INLET TO MONTAUK PT., NY						
42.5	FOUR RIVER BASINS, FL		4.4				
96.3	FREEMONT A. VICINITY, TX		13.3			74.1	205.3
5.5	GATHRIGHT LAKE, VA		11.2			10.5	38.3
16.3	LAFARGE LAKE AND CHANNEL IMPROVE- MENT, WI		23.4	1.5		13.3	70.0
24.5	LAFAYETTE LAKE, IN	2.1	3.0			18.0	55.7
38.9	LAKE PONTCHARTRAIN AND VICINITY, LA	.2	12.3			56.6	110.2
98.1	LAKOSE TO GOLDS MEADOW, LA (HURRICANE CONTROL)	24.7	57.8			191.6	378.0
13.4	LAVON LAKE MODIFICATION AND EAST FORK CHANNEL IMPROVEMENTS, TX	2.3	.6			15.1	30.5
27.7	LINCOLN LAKE, IL	5.2	22.1			20.1	64.1
42.4	LITTLE BLUE RIVER CHANNEL, MO	.6	12.4			52.9	110.8
8.1	LUKATA LAKE, OK	.1	11.6			9.1	33.4
13.9	LYTLE & WARM CREEKS, CA	.1	.8			16.6	31.5
15.3		8.1	4.5			6.5	39.0

# APPENDIX III

## ANALYSIS OF CIVIL ACQUISITIONS HAVING 100 PERCENT OR GREATER COST GROWTH A JUNE 30, 1976 (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	SUNDY
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS:								
(CONT.)								
FLOOD CONTROL:								
(CONT.)								
MANKATO N. N. MANKATO, MN	5.8	3.5	9.4			12.7	5.0	.2
MIS. RIVER LEVEE SYSTEM	66.4		30.5			89.0	20.5-	.5
NAPA RIVER, CA	22.0	.7-	2.9			26.7		1.1
NEW ORLEANS TO VENICE HURRICANE PROTECTION, LA	10.8	39.6	27.4			50.8	1.4	
PATOKA LAKE, IN	22.8		13.2			26.7	2.6	1.1
RED RIV. LEVEES AND BANK STABILIZATION BELOW DENISON DAM, TX	10.4	24.6				13.6	1.3	.7
RINIE LAKE, ID	13.1	4.1	1.9			10.6		8.5
SACRAMENTO RIVER BANK PROTECTION, CA	22.6	35.7	1.5			43.6	2.3	1.3
SAGINAW RIVER, MI	20.3	3.3	1.0			34.5	9.4	
SAN ANTONIO CHANNEL IMPROVEMENT, TX	25.4	2.0	5.2		.6	37.2	18.3	7.5
SAN GABRIEL RIVER, TX	53.1		8.8			56.	2.2-	.2-
SAYLORVILLE LAKE, IA	36.5	15.2	16.9			19.6	4.6	.7
STONEWALL JACKSON LAKE, WV	40.5		19.8			53.9	.6	.2
TALLAHASSEE CREEK LAKE, MS	19.2		9.9		.2	24.5		2.2
TAYLOR'S HAYOU, TX	10.5					18.1	5.4	.1
TAYLORVILLE LAKE, KY	29.1	.2	1.1			27.3	.7	2.7

APPENDIX III

ANALYSIS OF CIVIL ACQUISITIONS HAVING  
100 PERCENT OR GREATER COST GROWTH  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL BASELINE ESTIMATE	COST CHANGE DUE TO					CURRENT ESTIMATE
		QUANTITY	ENGINEERING	SUPPORT	SCHEDULE	ECONOMIC	
					ESTIMATING	SUNDRY	
DEPARTMENT OF THE ARMY, COMPS OF (CONT.)							
FLOOD CONTROL: (CONT.)							
TEXAS CITY AND VICINITY, TX	9.7	10.8-			18.6	24.8	42.3
TIOGA-HAMOND LAKES, PA	72.3		13.9	1.4	63.9	19.6	173.6
TOMBIGBEE RIVER AND TRIBUTARIES, MS AND AL	26.8		9.8		36.2	.2-	72.7
TRINIDAD LAKE, CO	21.5	.3	5.6		10.3	6.6	44.9
TYRONE, PA	15.5		3.4	.3	14.4	2.5	36.9
WALNUT CREEK, CA	28.9	15.0	1.2		22.9	1.9-	67.4
WATERLOO, IA	21.7	3.3	2.2		18.7	1.2	47.2
SUB TOTAL	1,908.1	418.6	489.0	14.3	2,104.8	316.1	5,352.5
MISSISSIPPI RIVER AND TRIBUTARIES:							
ATCHAFALAYA BASIN, LA	285.1	104.1	205.7		305.2	8.6	909.4
MISSISSIPPI RIVER CACHE BASIN	27.2	9.7	10.1		57.0		104.6
MISSISSIPPI RIVER CHANNEL IMPROVEMENTS	942.0	587.8	6.0		580.8	9.7	2,126.3
MISSISSIPPI RIVER LEVEES	285.1	120.9	302.4		320.8	10.5	1,049.1
MISSISSIPPI RIVER ST. FRANCIS BASIN	134.6	18.4	14.4		96.1	18.7	283.3
MISSISSIPPI RIVER TENSAS BASIN, LA	86.5	17.7	42.6		114.7	9.3	271.9
MISSISSIPPI RIVER WEST TENNESSEE TRIBUTARIES	12.0	10.8	7.6		18.0	2.5	51.4

MISSISSIPPI RIVER ST. FRANCIS  
BASIN  
MISSISSIPPI RIVER TENSAS BASIN,  
LA  
MISSISSIPPI RIVER WEST TENNESSEE  
TRIBUTARIES

## APPENDIX III

## APPENDIX III

ANALYSIS OF CIVIL ACQUISITIONS PAYING  
100 PERCENT OR GREATER COST GROWTH  
AT JUNE 30, 1976  
(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	SUNDY
DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS:							
MISSISSIPPI RIVER AND TRIBUTARIES: (CONT.)							
MISSISSIPPI RIVER YAZOU BASIN	217.3	18.8	253.9			179.7	21.2
SUB TOTAL	1,989.8	888.2	842.7			1,672.3	80.5
MULTIPURPOSE PROJECTS INCLUDING POWER:							
BONNEVILLE LOCK AND DAM, OR AND P. (MODIFICATION FOR PEAKING)	13.5	12.7	.2-			9.6	1.8
BONNEVILLE SECOND POWERHOUSE, OR AND WA	267.0	23.2	2.6			199.5	31.1
CARTERS LAKE, GA	38.0	50.6	17.4		.7	17.6	15.1-
CLARENCE CANNON DAM, MO	70.6	2.1	53.4			84.3	21.5
DEGRAY LAKE, AK	32.5	1.9	19.1			13.6	3.0
HARRY S. TRUMAN DAM AND RESERVOIR, MO	146.2		56.5		63.0	142.3	31.8
LAUREL RIVER LAKE, KY	22.7		.8		1.2	10.9	6.4
NEY MELUMES LAKE, CA	122.0	23.9	26.1			75.8	38.9
SWETTISHAM POWER PROJECT, AK	41.5		36.7			35.6	.5-
SPEWHELL BLUFF LAKE, GA	91.8		10.8			137.5	3.7
WEST POINT LAKE, GA AND AL	53.0	8.0	4.2			33.2	.9
SUB TOTAL	898.8	122.4	227.4		64.9	759.9	136.9
							45.9
							2,256.2

# APPENDIX III

ANALYSIS OF CIVIL ACQUISITIONS HAVING  
100 PERCENT OR GREATER COST GROWTH  
AT JUNE 30, 1976  
(DOLLAR IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL AND/OR BASELINE ESTIMATE	COST CHANGE DUE TO					CURRENT ESTIMATE
		QUANTITY	ENGINEERING	SUPPORT	SCHEDULE	ECONOMIC	
DEPARTMENT OF THE ARMY, COMPS OF ENGINEERS:							
NAVIGATION:							
FALL RIVER HARBOUR, MA AND RI	14.6					13.7	34.0
WILSONVILLE HARBOR, FL	9.2	.9	10.7			11.4	36.0
LOCK & DAM NO. 53 (TEMP. LOCK), IL AND KY	17.6		15.1			4.2	37.2
MISSISSIPPI RIVER BETWEEN OHIO AND MISSOURI RIVERS (REGULATING WORKS) IL AND MO	61.9		59.1			21.9	151.0
MISSISSIPPI RIVER GULF OUTLET, LA	113.2	83.7	1.3-			179.4	373.2
QUACHITA AND BLACK RIVERS, AR AND LA	46.9	46.2	12.2			78.4	189.2
RED RIVER WATERWAY (MISSISSIPPI RIVER TO SHREVEPORT, LA, AR AND OK)	417.4	23.0	155.9			381.5	978.0
SMITHLAND LOCKS AND DAM, IL AND KY	110.1		21.4			88.9	243.2
TENNESSEE TOMBILOBEE WATERWAY, AL AND MS	361.3		343.8			885.7	1,636.0
SUB TOTAL	1,152.4	153.8	616.9			1,657.1	3,678.6
AGENCY TOTAL	5,949.1	1,583.0	2,176.8	79.2		6,194.1	16,778.2
DEPARTMENT OF THE INTERIOR:							
BUREAU OF RECLAMATION:							
CENTRAL ARIZONA PROJECT:							
WATER DEVELOPMENT	717.0	3.4-	4.5	.2		728.4	1,446.8

# APPENDIX III

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ANALYSIS OF CIVIL ACQUISITIONS HAVING  
100 PERCENT OR GREATER COST GROWTH  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL AND/OR BASELINE ESTIMATE -----	COST CHANGE DUE TO -----					CURRENT ESTIMATE -----
		QUANTITY	ENGI- NEERING	SUPPORT	SCHEDULE	ECONOMIC	
DEPARTMENT OF THE INTERIOR: (CONT.)							
BUREAU OF RECLAMATION: (CONT.)							
CENTRAL VALLEY:							
ALBUQUERQUE-SOUTH UNIT (WATER CONTROL), CA	425.0	49.7	5.1			399.1	983.6
SACRAMENTO RIVER DIVISION (IRRIGATION), CA	111.4		17.0			79.1	246.6
COLORADO RIVER BASIN SALINITY CONTROL PROJECTS - TITLE I, CONSTRUCTION	155.5	62.5	10.7			81.2	315.5
COLUMBIA BASIN:							
IRRIGATION FACILITIES	925.4	29.7	188.3			605.9	2,171.8
DRAINAGE AND MINOR CONSTRUCTION PROJECTS:							
KLAMATH, CA AND OR	4.4					23.5	27.9
PARKER-DAVIS, AR AND CA	68.8		5.4	49.4		38.0	161.6
WASHOE, CT AND NV	56.5	4.5	3.0			42.5	104.5
PACIFIC N.W. -PACIFIC S.W. INTERSTATE (TRANSMISSION LINES), CA AND NV	130.6		1.0	189.6		66.4	325.2
PALMETTO BEND PROJECT (WATER CONTROL CONSTRUCTION), TX	36.8		.7		1.0	34.5	73.9

## APPENDIX III

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ANALYSIS OF CIVIL ACQUISITIONS HAVING  
100 PERCENT OR GREATER COST GROWTH  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL AND/OR BASELINE ESTIMATE	COST CHANGE DUE TO					CURRENT ESTIMATE
		QUANTITY	ESTI- MATING	SUPPORT	SCHEDULE	ECONOMIC	
DEPARTMENT OF THE INTERIOR: (CONT.)							
BUREAU OF RECLAMATION: (CONT.)							
PICK-SLOAN MISSOURI RIVER BASIN PROJECT:							
GARRISON DIVERSION UNIT, ND AND SD	207.0					269.7	496.0
NAMMOWS UNIT, CO	68.1		8.9			36.9	139.0
OAKE UNIT, SD	191.7					218.3	410.0
TUALATIN PROJECT (WATER CONTROL), OR	20.9		.7			32.4	54.0
UPPER COLORADO RIVER STORAGE PROJECT:							
CENTRAL UTAH PARTICIPATING PROJECT, JENSEN UNIT, UT	11.2	2.2	4.1			9.7	27.4
FRUITLAND MESA, CO	27.2	1.1	2.5			29.6	61.0
SAVERY-POT HOOK, CO AND WY	15.4	2.0	16.7			34.4	60.7
SUB TOTAL	3,166.9	151.7	260.7	163.5	1.2	2,728.6	7,112.7
NATIONAL PARK SERVICE:							
NATIONAL PARKS:							
YOSEMITE, CA	34.9	11.8				35.4	82.1
NATIONAL RECREATION AREAS:							
BIGHORN CANYON, MT	24.3	28.1					52.4
PARKWAYS:							
NATCHEZ TRACE, MS, TN AND AL	111.6					130.8	242.4
SUB TOTAL	170.8	39.9				130.8	376.9
AGENCY TOTAL	3,337.7	191.6	260.7	163.5	1.2	2,859.4	7,489.6

# APPENDIX III

# APPENDIX III

## ANALYSIS OF CIVIL ACQUISITIONS HAVING 100 PERCENT OR GREATER COST GROWTH AT JUNE 30, 1976 (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	SUNDRY	
DEPARTMENT OF TRANSPORTATION:							
FEDERAL HIGHWAY ADMINISTRATION:							
INTERSTATE HIGHWAY SYSTEM:							
(COMPLETED SEGMENTS AND ONGOING SMALLER PORTIONS)	34,511.0	8,545.0	19,867.0		27,670.0	4,261.2	95,115.2
U.S. COAST GUARD:							
MEDIUM RANGE SURVEILLANCE AIRCRAFT	83.3			63.6	24.3	117.9	289.1
URBAN MASS TRANSPORTATION ADMINISTRATION:							
DEVELOPMENT & DEMONSTRATION PROJECTS:							
URBAN RAPID RAIL VEHICLES & SYSTEMS PROGRAM	11.0	6.2	5.0		2.3	7.5	47.2
MASS TRANSIT GRANTS:							
CITY & COUNTY OF SAN FRANCISCO - SUMMIT, SUMMIT RAIL CAR SYSTEM & RELATED FACILITIES (CA-03-0043)	46.0	70.7					116.6
SUB TOTAL	57.0	76.9	5.0		2.3	7.5	163.8
AGENCY TOTAL	34,651.3	8,621.9	19,872.0	63.6	2.3	27,705.8	95,568.1

# APPENDIX III



# APPENDIX III

ANALYSIS OF CIVIL ACQUISITIONS HAVING  
180 PERCENT OR GREATER COST GROWTH  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT -----	ORIGINAL AND/OR BASELINE ESTIMATE	COST CHANGE DUE TO				CURRENT ESTIMATE
		QUANTITY	ENGI- NEERING	SUPPORT	SCHEDULE ECONOMIC MATING	SUNDRY

## ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION:

### FUSION POWER RESEARCH AND DEVELOPMENT:

#### HIGH ENERGY LASER FACILITY, LASL, NM

54.5

#### LIQUID METAL FAST BREEDER REACTOR DEVELOPMENT:

##### FAST FLUX TEST FACILITY, RICHLAND, WA

540.0

##### LIQUID METAL FAST BREEDER, CLINCH RIVER, TN

1,950.4

#### SUB TOTAL

2,490.4

### SPECIAL MATERIALS PRODUCTION:

#### NEW WASTE CALCINING FACILITY (CHEMICAL PROCESSING PLANT, NMIS), ID

65.0

#### URANIUM ENRICHMENT ACTIVITIES: COMPONENT TEST FACILITY, OAK RIDGE, TN

46.8

### WEAPONS ACTIVITIES:

#### DP SITE PU PROCESS FACILITY, LASL, NM

75.0

#### NEW PLUTONIUM RECOVERY FACILITY, ROCKY FLATS

140.0

#### SUB TOTAL

215.0

#### AGENCY TOTAL

2,871.7

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### APPENDIX III

ORIGINAL AND/OR BASELINE ESTIMATE	QUANTITY	ENGI- NEERING	COST CHANGE DUE TO				SUNDY	CURRENT ESTIMATE
			SUPPORT	SCHEDULE	ECONOMIC	ESTI- MATING		
ENVIRONMENTAL PROTECTION AGENCY:								
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS:								
ALEXANDRIA SA, VA (C510356-01-0)	5.0	56.2			11.7	.2-	.1-	72.6
ATLANTA (RM CLAYTON PLANT), GA (C130176-01-0)	6.0	43.2			1.3			50.5
BALTIMORE, MD (C240316-01-0)	8.3	17.0			3.1	2.5	.1-	30.8
SHOWARD COUNTY (FT. LAUDENDALE), FL (C120309-01-0)	14.0	10.3						29.0
BUFFALO SA, NY (C360616-01-0)	76.8	80.9				4.0	.1-	161.1
CORB COUNTY W AND SS (MARIETTA), GA (C130173-01-0)	17.7	25.5				3.4		43.2
DAVENPORT, IA (C290597-01-0)	8.4	18.8			5.7			32.9
DISTRICT OF COLUMBIA (C110027-01-0)	47.2	99.6						148.1
GATES - CHILI - OGDEN SU (ROCHESTER), NY (C360578-01-0)	10.9	17.6			1.4		.1-	28.5
HAMILTON COUNTY (CINCINNATI), OH (C390556-01-0)	23.5							57.7
HOPEWELL, VA (C510345-02-0)	9.9	28.5			34.2			38.4
LOUISVILLE - JEFFERSON COUNTY MSD, KY (C210551-02-0)	.3	34.7						35.0
MEMPHIS, TN (C470247-01-0)	29.7	64.6						94.3
MIAMI - DADE WATER AND SEWER AUTHORITY, FL (C120375-01-0)	31.3	73.1						104.4

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# APPENDIX III

ANALYSIS OF CIVIL ACQUISITIONS HAVING  
100 PERCENT OR GREATER COST GROWTH  
AT JUNE 30, 1976  
(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	SUMMARY
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)							
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT PLANTS:							
NEW CASTLE COUNTY (NEWARK), DE (C100081-01-0)	8.5	12.9				5.2	26.6
NEW YORK CITY (26TH AVE), NY (C360405-01-0)	21.6					26.4	48.1
NEW YORK CITY (NORTH RIVER), NY (C360178-01-0)	214.5					100.7	315.2
NEW YORK CITY (HARDS ISLAND), NY (C360395-01-0)	47.4		2.0			1.1	49.4
NORTH SHORE SO. (WALKERMAN), IL (C170745-01-0)	35.0					38.5	73.5
PHILADELPHIA, PA (C420786-01-0)	49.3	73.8					123.1
PHASA-CAGUAS (SANTUNCE), PR (C720082-01-0)	12.5					13.8	26.3
SPOKANE, WA (C530560-02-0)	1.3	45.3				4.7	46.6
SPRINGFIELD, MO (C290564-01-0)	15.0	10.7				15.8	30.7
ST. JOSEPH, MO (C290480-02-0)	.1	11.3				16.1	16.2
TRINITY RIVER AUTHORITY (ARLINGTON), TX (C480992-01-0)	16.5	26.7				26.8	43.3
UPPER OCCOCHAN SA (MANASSAS), VA (C510331-01-0)	20.4	28.3				9.5	29.9

## APPENDIX III

ANALYSIS OF CIVIL ACQUISITIONS HAVING  
100 PERCENT OR GREATER COST GROWTH  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROJECT	ORIGINAL AND/OR BASELINE ESTIMATE	COST CHANGE DUE TO					CURRENT ESTIMATE
		QUANTITY	ENGI- NEERING	SUPPORT	SCHEDULE	ECONOMIC	
ENVIRONMENTAL PROTECTION AGENCY: (CONT.)							
CONSTRUCTION GRANTS FOR WASTEWATER TREATMENT WORKS:							
WASHINGTON SUBURBAN SANITARY COMMISSION (HYATTSVILLE), MD (C240309-01-0)	45.6	49.1					94.7
SUB TOTAL	776.7	828.1	2.8			322.9	2,519.3
AGENCY TOTAL	776.7	828.1	2.8			322.9	2,519.3
NATIONAL RAILROAD PASSENGER CORPORA- TION:							
BI-LEVEL COACHES	96.0	51.0				47.0	188.0
TENNESSEE VALLEY AUTHORITY:							
BEAR CREEK WATER CONTROL SYSTEM	24.0	3.6	2.6		3.0	19.0	57.0
HOWNS'S FERRY NUCLEAR PLANT, UNITS 1-3	392.0	60.0	51.0		50.0	192.0	835.0
SEAWAY NUCLEAR PLANT, UNITS 1-2	336.0	60.0	59.0		68.0	187.0	755.0
TELLICO DAM AND RESERVOIR	42.5	16.5			4.0	31.0	108.0
AGENCY TOTAL	794.5	140.1	112.6		125.0	429.0	1,747.0
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY:							
WASHINGTON REGIONAL RAPID RAIL TRANSIT SYSTEM	2,494.6	149.8	154.5	10.0	669.8	918.4	5,512.3
GRAND TOTAL	50,187.2	12,908.5	24,946.1	238.7	1,140.3	42,714.7	140,532.2

## APPENDIX III

WEAPONS SYSTEM COST CHANGES SHOWN ON  
SELECTED ACQUISITION REPORTS DURING THE  
YEAR ENDED JUNE 30, 1976

An analysis of cost changes on 53 weapons systems on selected acquisition reports during the 12 months ended June 30, 1976, is shown in the following table. There was a net increase in total cost of \$14,399.6 million.

<u>Type of change</u>	<u>Army</u>	<u>Navy</u>	<u>Air Force</u>	<u>Change during period</u>
	(Dollars in millions)			
Quantity	1,018.8	2,232.7	94.4	3,345.9
Engineering	-366.0	612.3	-12.7	233.6
Support	310.7	402.6	-325.4	387.9
Schedule	240.9	770.9	1,844.4	2,856.2
Economic	475.8	1,231.9	1,622.0	3,329.7
Estimating	971.4	2,672.7	611.9	4,256.0
Sundry	<u>51.4</u>	<u>-67.9</u>	<u>6.8</u>	<u>-9.7</u>
	<u>2,703.0</u>	<u>a/7,855.2</u>	<u>3,841.4</u>	<u>14,399.6</u>
Number of systems (total 53)	17	26	10	53

a/ Total includes increase of \$430.9 million related to the Air Force portion of the Sparrow III F and Sidewinder AIM-9L missile programs.

## APPENDIX IV

## APPENDIX IV

**WEAPONS SYSTEM COST CHANGES SHOWN ON SELECTED  
ACQUISITION REPORTS DURING THE YEAR ENDED JUNE 30, 1976**

SYSTEM	(DOLLARS IN MILLIONS)							
	QUANTITY	ENGINEERING	SUPPORT	SCHEDULE	ECONOMIC	ESTIMATING	SUNDRY	TOTAL
<b>ARMY (17)</b>								
IMPROVED HAWK MISSILE	63.1	16.0			- 1.8	- 11.2		64.1
LANCER MISSILE	152.1	2.2			- 2.2	- 1.3		150.9
TOW MISSILE	27.3	- 28.8	25.8		.1	- 5.0		19.4
DRAGON MISSILE	194.9	2.8			- 6.2	- 12.7		176.8
PATRIOT MISSILE	- 93.1	- 614.7	188.7	49.0	- 24.6	843.5		348.8
LAUFIRE SYSTEM	7.4	16.3	23.3	7.5	1.2	103.4	1.0	160.1
UTLAS HELICOPTER					41.5		- .1	41.4
HEAVY LIFT HELICOPTER							- 30.9	- 30.9
MECH INF COMBAT VEH	290.0	13.8	13.6	10.8	4.9	16.0	4.5	361.6
STINGER MISSILE	138.6	58.3	6.8	31.3	- 16.5	33.1	7.6	265.2
AAH HELICOPTER	288.8	140.1	42.5	100.6	36.3		14.6	623.4
AM-1 TANK					463.9	- .4	1.4	464.9
AM/TIC-39 COMM SWITCH					11.6	- 1.6		10.0
ROLAND MISSILE	- 58.3	28.0		52.7	- 18.7	8.4	53.3	67.4
COOPERHEAD (CLGP)			10.0	- 11.0	- 20.4			- 21.4
HELLFIRE MISSILE	On SAR	6/30/76	No changes to date					
XM198 HOWITZER					.2	1.2		1.4
<b>SUBTOTAL</b>	<b>1,018.8</b>	<b>- 366.0</b>	<b>310.7</b>	<b>240.9</b>	<b>475.8</b>	<b>971.4</b>	<b>51.4</b>	<b>2,701.0</b>
<b>NAVY (26)</b>								
MAR-48 TORPEDO	81.4		- 167.3		45.7	172.8		139.8
F-14 AIRCRAFT	366.3		106.7		16.3	69.3		560.6
SSN-688 SUBMARINE	511.8	84.9	- 4.0		423.6	51.4		1,067.7
ALGOL MISSILE		11.0						11.0
CON-18 FRIGATE	- 344.6				- 8.7			- 353.3
SPARROW III F MISSILE	277.2	37.2	7.9	- 70.6	10.1			341.8
GOOSDUK MISSILE	90.0	9.0	36.5	39.3	- 8.4		.3	167.1
CVN-68 CLASS CARRIER			2.9		49.1			52.0
A-7E AIRCRAFT	105.1	18.6	24.4		48.2	143.0		339.3
PHOENIX MISSILE		69.0		70.2	- 1.1		.8	138.9
S-3A AIRCRAFT		- 8.8	41.0			76.4		108.6
E-2C AIRCRAFT	377.8	43.1	120.1			27.7		568.7
CHA SHIP		41.9	8.8	7.1	7.4	.1	- 80.0	- 14.7
P-3C AIRCRAFT	- 84.3		7.9	117.9	164.2	135.2		340.9
DD-963 DESTROYER			18.0		33.5	60.7	1.6	133.8
HARPOON MISSILE	- 61.0	- 16.5	- 53.0	7.6	- 27.4	- 15.2		- 168.6
PHIL SHIP	- 311.0	- 18.1	4.6	- 285.3	- 210.8	- 53.8	5.7	- 765.7
TRIDENT SUB/MISSILE	1,339.5	8.0	32.9	172.6	313.4	354.9		2,521.3
FFG-7 SHIP	- 177.1	180.7	114.4	297.2	269.2	1,648.2		2,232.6
SIDELINDER								
AIM 9L	73.0	24.3	4.1	19.5		141.2		262.1
PHALANX CIWS	- 18.2	24.8	12.1	78.8	.6			98.1
CH-53E HELICOPTER		43.0	79.0	15.8	27.0	- 4.3		165.5
LAMPS NA-111	On SAR	6/30/76	No changes to date					
CAPTOR ANTI SUB SYS		.3					- .1	.3
F-16 AIRCRAFT						- 55.7	- 4.6	- 60.3
SURTASS ARRAY SENSOR								
<b>SUBTOTAL</b>	<b>2,232.7</b>	<b>612.3</b>	<b>402.8</b>	<b>770.9</b>	<b>1,231.9</b>	<b>2,672.7</b>	<b>- 67.9</b>	<b>7,895.2</b>
<b>AIR FORCE (10)</b>								
AIRBORNE WARN & CON SYS		- 219.3	13.8	82.9	125.5	- 159.4		- 156.5
F-5E AIRCRAFT	- 3.0	2.2	1.3			- 1.8		1.7
MAVERICK MISSILE	- 185.2	.1			18.4			- 166.9
B-1 AIRCRAFT			- 47.8	702.6	593.0	128.2		1,016.0
F-15 AIRCRAFT		51.0	14.6	132.8	583.2	562.2	6.8	1,350.6
A-10 AIRCRAFT		53.8		775.2	246.7	- 30.6		1,045.1
MINUTEMAN III MISSILE	343.7	81.0	56.1	49.2	12.9	- 13.0		531.9
ADV. AIR. COMD. POST	- 61.1	18.2	- 8.4	101.7	42.3	120.9		213.6
F-16 AIRCRAFT	On SAR	12/31/75	No changes to date					
EF-111A AIRCRAFT		.5				5.4		5.9
<b>SUBTOTAL</b>	<b>94.4</b>	<b>- 12.7</b>	<b>- 32.4</b>	<b>1,844.4</b>	<b>1,622.0</b>	<b>611.9</b>	<b>6.8</b>	<b>3,841.4</b>
<b>TOTAL</b>	<b>3,345.9</b>	<b>233.6</b>	<b>387.9</b>	<b>2,856.2</b>	<b>3,329.7</b>	<b>4,256.0</b>	<b>- 9.7</b>	<b>14,399.6</b>

\*Dropped from Selected Acquisition Reports during the period.

\*Added to Selected Acquisition Reports during the period.

\*Includes Air Force cost changes.

PROGRAM COST DATA APPEARING ON SELECTED ACQUISITION REPORTS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

\*PROGRAM ADDED SINCE JUNE 30, 1975

# APPENDIX V

## PROGRAM COST DATA APPEARING ON SELECTED ACQUISITION REPORTS AT JUNE 30, 1976 (DOLLARS IN MILLIONS)

AGENCY AND PROGRAM -----	PLANNING AND/OR DEVELOPMENT ESTIMATE -----	COST CHANGE DUE TO -----					CURRENT ESTIMATE -----
		QUANTITY	ENGI- NEERING	SUPPORT	SCHEDULE	ECONOMIC	
DEPARTMENT OF THE ARMY: (CONT.)							
LANCE MISSILE	652.9	226.4	14.1	10.5	77.4	8.3	1,004.4
MECHANIZED INFANTRY COMBAT VEHICLE	245.4	297.6	19.5	17.8	11.5	112.9	763.0
PATRIOT MISSILE (SAM-D)	5,240.5	1,082.4	869.5	178.4	597.1	1,000.8	5,953.8
ROLAND MISSILE	1,119.5	58.3	28.0		52.7	16.7	1,186.9
STINGER MISSILE	473.8	138.6	62.3	6.8	35.0	157.5	928.5
TACTICAL FIRE DIRECTION SYSTEM	160.5	39.7	46.2	34.9	18.9	55.6	454.1
TOW MISSILE	727.3	45.8	126.9	30.9	13.1	180.1	1,063.0
UTTAS HELICOPTER	2,307.3	22.0	25.1	127.6	58.2	1,241.0	3,364.8
XM-1 TANK	3,005.4					1,911.6	4,918.7
*XM-108 HOWITZER	121.9	40.2	.2	5.8	4.3	47.5	247.5
TOTAL (16)	19,624.0	184.0	353.5	294.3	1,314.0	6,028.1	28,258.5

### DEPARTMENT OF THE NAVY:

A-7E AIRCRAFT	1,465.6	531.8	251.1	4.5	280.2	401.1	3,172.1
ALGIS MISSILE (MOT & E ONLY)	427.6		70.4	13.0	52.9	23.9	587.8
*CAPTOR ANTI SUBMARINE WEAPONS SYSTEM							
CUN-JR FRIGATE	329.2	7.1	8.8	51.4	22.0	165.2	799.5
CM-53E HELICOPTER	820.4	300.7	12.3			66.1	1,251.7
CUNDOH MISSILE	578.4		52.1	74.4	15.8	66.1	750.6
	441.0	75.8	43.7	27.9	96.9	36.7	590.3
CVM-68 CLASS AIRCRAFT CARRIER (PROCUREMENT ONLY)	4,010.2						31.8
DU-963 DESTROYER	2,581.2		35.0	18.0	2.0	653.9	4,653.2
*PROGRAM ADDED SINCE JUNE 30, 1975							444.5

# APPENDIX V



## APPENDIX V

PROGRAM COST DATA APPEARING ON SELECTED ACQUISITION REPORTS  
AT JUNE 30, 1976  
(DOLLARS IN MILLIONS)

AGENCY AND PROGRAM	PLANNING AND/OR DEVELOPMENT ESTIMATE	COST CHANGE DUE TO					CUMULATIVE ESTIMATE	
		QUANTITY	ENGI- NEERING	SUP- PORT	SCHEDULE	ECONOMIC	ESTI- MATING	SUNDRY
DEPARTMENT OF THE NAVY: (CONT.)								
E-2C (HAWKEYE) AIRCRAFT	586.2	719.3	92.3	263.0	51.4	46.4	142.1	2.1-
F-14 (TOMCAT) AIRCRAFT	6,166.0	709.1	2.2-	702.9	617.3	230.7	573.2	79.1
*F-18 AIRCRAFT	12,831.1							.1-
FFG-7 SHIP	3,244.5	584.7	499.1	126.2	852.6	2,053.6	1,654.1	
HARPOON MISSILE	1,031.8	16.6-	104.2	37.5	7.6	259.6	2.4-	
*LAMPS MK III	2,538.5							
LHA SHIP	1,380.3	436.9-	43.8	20.2	39.4	73.3	18.5	144.9
MK-48 TORPEDO	1,753.8	306.8-	9.4	70.9-	249.3	133.5	216.0	
P-3C (ORION) AIRCRAFT	1,294.2	1,358.5	214.9	94.1-	368.7	254.4	136.9	6.1
PHALANX CIWS	564.5	35.3-	115.9	93.5	134.1	52.3	4.4	.5
PHM SHIP	726.2	533.1-	10.7	4.9	133.2	12.0	24.5	29.4
PHOENIX MISSILE	536.4	44.3	69.0	16.6	407.7	239.0	2.2	57.5
S-3A (VIKING) AIRCRAFT	2,891.1	70.9-		14.3	78.7	446.9	72.9	
SIDEWINDER AIM-9L MISSILE	99.7	60.1	27.1	8.7	35.4	18.1	44.6	1.5-
SPARROW III-7F MISSILE	453.6	152.4-	54.0	32.8	125.2	292.7	9.3	35.9
SSN-588 SUBMARINE	5,747.5	1,945.5	90.1	19.7		1,836.5	51.5	
*SURTASS ARRAY SENSOR	259.3		54.9	6.1	17.1	31.3	119.3	4.6
TWIDENT SUB/MISSILE SYSTEM	12,431.1	1,344.8	8.6	52.9	1,169.5	3,419.0	358.6	65.0
TOTAL (26)	65,193.4	5,563.9	1,864.6	1,414.5	4,753.1	10,812.3	3,978.8	1,538.6
								95,119.2

\*PROGRAM ADDED SINCE JUNE 30, 1975

## APPENDIX V

# APPENDIX VI

# APPENDIX VI

SELECTED MILITARY PROGRAMS QUANTITY AND PROGRAM UNIT COSTS (DOLLARS IN MILLIONS)							NOTES
AGENCY AND PROGRAM	PLANNING AND/OR DEVELOPMENT ESTIMATE		CURRENT ESTIMATE JUNE 30, 1976				
	QUANTITY	PROGRAM UNIT COST	QUANTITY	PROGRAM UNIT COST			
DEPARTMENT OF THE AIR FORCE:							
A-10 AIRCRAFT	743	3.35	743	5.66			
ADVANCED AIRBORNE COMMAND POST (E-4)	7	64.2	6	115.8			
AIRBORNE WARNING AND CONTROL SYSTEM (E-3A)	42	63.4	34	104.7			
B-1 AIRCRAFT	246	45.6	244	88.6			
EF-111A AIRCRAFT	42	15.05	42	14.1			
F-15 AIRCRAFT	749	9.82	749	16.25			
F-16 AIRCRAFT	358	9.2	658	9.2			
HAVERICK MISSILE (AGM-65A/B)	17,205	.0223	20,286	.0294			
MINUTEMAN III MISSILE	760	6.15	858	9.07			
STOWENGER AIM-9L MISSILE	5,724	.023	8,499	.046			
SPEARHAW III F MISSILE	4,900	.052	8,901	.091			
DEPARTMENT OF THE ARMY:							
AAM HELICOPTER	481	3.74	545	6.35			
AMTCC-JV COMMUNICATIONS SWITCH (TR)-TAC	308	2.601	308	3.359			
*CANNON LAUNCHED GUIDED PROJECTILE (CUPPERHEAD)						01	
DRAGON MISSILE	247,360	.001634				01	
HELLFIRE MISSILE						01	
IMPROVED HAWK MISSILE						01	
LAUNCHER MISSILE						01	

\*PROGRAM ADDED SINCE JUNE 30, 1975  
01 Classified, data not presented.

# APPENDIX VI

# APPENDIX VI

SELECTED MILITARY PROGRAMS QUANTITY AND PROGRAM UNIT COSTS (DOLLARS IN MILLIONS)							NOTES
AGENCY AND PROGRAM	DEPARTMENT OF THE ARMY: (CONT.)	PLANNING AND/OR DEVELOPMENT ESTIMATE		CURRENT ESTIMATE JUNE 30, 1976			
		QUANTITY	PROGRAM UNIT COST	QUANTITY	PROGRAM UNIT COST		
MECHANIZED INFANTRY COMBAT VEHICLE		1,205	.204	2,423	.315	01	
PATRIOT MISSILE (SAM-O)						01	
HOWLAND MISSILE						01	
STINGER MISSILE						01	
TACTICAL FIRE DIRECTION SYSTEM		149	1.077			01	
TOW MISSILE		233,081	.00312			01	
UH-1A HELICOPTER		1,123	2.05	1,117	3.01		
M1-1 TANK		3,323	.964	3,323	1.48		
M1-198 HOWITZER		664	.183584	892	.277466		
DEPARTMENT OF THE NAVY:							
A-7E AIRCRAFT		595	2.463	692	4.584	02	
AEGIS MISSILE (RUT & E ONLY)							
CAPTOM ANTI SUBMARINE WEAPONS SYSTEM						01	
CG-38 FRIGATE		3	254.87	4	312.93		
CH-53E HELICOPTER		74	7.8	74	10.1		
CONDOR MISSILE		3,348	.132	983	.602		
CVA-68 CLASS AIRCRAFT CARRIER (PROCUREMENT ONLY)		4	1,002.55	4	1,163.3		
DD-963 DESTROYER		30	86.04	30	127.027		
F-2C (HAWKEYE) AIRCRAFT		30	19.54	67	28.337		
F-14 (TOMCAT) AIRCRAFT		469	12.63	403	20.61		

\*PROGRAM ADDED SINCE JUNE 30, 1975  
01 Classified, data not presented.

02 Procurement requirements being studied.

SELECTED MILITARY PROGRAMS QUANTITY AND PROGRAM UNIT COSTS (DOLLARS IN MILLIONS)						
AGENCY AND PROGRAM	DEPARTMENT OF THE NAVY (CONT.)	PLANNING AND/OR DEVELOPMENT ESTIMATE		CURRENT ESTIMATE JUNE 30, 1976		
		QUANTITY PROGRAM UNIT COST		QUANTITY PROGRAM UNIT COST		
		QUANTITY	PROGRAM UNIT COST	QUANTITY	PROGRAM UNIT COST	QUANTITY
*F-1M AIRCRAFT		811	15.821	811		15.821
FFG-7 SHIP		50	64.89	54		166.941
HARPPOON MISSILE		2,922	.353	2,472		.575
*LAMPS MK III		210	9.459	210		9.459
LHA SHIP		9	153.367	5		255.1
MK-46 TORPEDO		4,194	.429			
P-3C (ORION) AIRCRAFT		104	12.444	233		15.191
PHALANX CIWS		370	1.536	362		2.58
PHM SHIP		30	24.21	6		68.
PHOENIX MISSILE		2,384	.225	2,532		.542
S-3A (VIRING) AIRCRAFT		199	14.528	187		18.358
SIDEWINDER AIM-9L MISSILE		3,564	.028	4,880		.06
SPARKOW III-7F MISSILE		10,785	.042	6,804		.125
SSN-688 SUBMARINE		32	179.609	39		248.482
*SURTASS AWPAY SENSOR						
TRIDENT SUB/MISSILE SYSTEM		10	1,243.11	11		1,713.545
*PROGRAM AWAYED SINCE JUNE 30, 1975						

01 Classified, data not presented.

LIST OF GAO REPORTS ON MAJOR ACQUISITIONS  
ISSUED DURING FISCAL YEARS 1974-76

<u>Agency project</u>	<u>Latest report</u>	<u>Date</u>
<b>Department of the Army:</b>		
<b>Corps of Engineers:</b>		
Falls Lake, NC	B-179826	6/10/74
Gathright Dam, VA	RED-75-287	11/14/74
Lake LaFarge, WI	RED-75-351	4/22/75
R.D. Bailey Project, WV	B-177092	3/8/74
Spewrell Bluff Dam, GA	B-177442	6/13/74
Tocks Island Lake, PA-NJ	RED-75-362	5/1/75
Harry S. Truman Dam and Reservoir, MO	Staff Study	4/75
<b>Department of Commerce:</b>		
<b>National Oceanic and Atmospheric Administration:</b>		
Oceanographic Research Vessels	GGD-75-23	10/4/74
<b>Department of Defense:</b>		
San Diego Naval Hospital, CA	MWD-76-117	4/7/76
Uniformed Services University, MD	MWD-76-122	5/5/76
<b>Department of the Air Force:</b>		
A-10 Aircraft	PSAD-76-87	3/76
Advanced Airborne Command Post	Staff Study	2/75
Advanced Medium Stoll Aircraft	PSAD-76-91	3/76
Airborne Warning & Control System	PSAD-75-65	2/20/75
ALCM	PSAD-76-105	3/76
B-1 Aircraft	PSAD-76-101	3/76
Continental Operations Range	Staff Study	2/75
F-15 Aircraft	Staff Study	2/75
F-16 Aircraft	PSAD-76-107	3/76
Lightweight Fighter Prototype	Staff Study	2/75
Maverick Missile	PSAD-76-104	3/76
OTH-Radar	Staff Study	2/75
Remotely Piloted Vehicles	PSAD-76-102	3/76
<b>Department of the Army:</b>		
Advanced Attack Helicopter	PSAD-76-97	3/76
AN/TCC-39 Communications Switch	Staff Study	3/75
Armored Reconnaissance Scout Vehicle	Staff Study	2/75
Bushmaster Gun	Staff Study	4/75
Cannon Launched Guided Projectile	PSAD-76-121	3/76
Dragon Missile	Staff Study	2/75
Heavy Lift Helicopter	Staff Study	2/75
Lance Missile	Staff Study	3/75

LIST OF GAO REPORTS ON MAJOR ACQUISITIONSISSUED DURING FISCAL YEARS 1974-76

<u>Agency project</u>	<u>Latest report</u>	<u>Date</u>
Department of the Army (cont.):		
Mechanized Infantry Combat Vehicle	PSAD-76-96	3/76
Roland II/Chaparral AAA/LOFADS Systems	PSAD-76-116	3/76
SAM-D Missile	PSAD-76-89	3/76
Site Defense Missile Defense	PSAD-76-106	3/76
Stinger Missile	PSAD-76-84	2/76
Tactical Fire Direction System	PSAD-76-95	3/76
Uttas Helicopter	PSAD-76-83	2/76
XMI Tank	Staff Study	2/75
XM-198/204 Howitzers	Staff Study	3/75
Department of the Navy:		
Aegis Missile	Staff Study	2/75
Air Combat Fighter/VFAX	Staff Study	2/75
CH-53E Helicopter	Staff Study	2/75
Condor Missile	PSAD-76-82	2/76
CVAN-68 Ship	B-154258	4/3/73
DD 963/LHA Ships	Staff Study	2/75
E-2C Aircraft	B-163058	7/2/73
F-14 Aircraft	PSAD-75-70	5/2/75
Harm Missile	PSAD-76-103	3/76
Harpoon Missile	PSAD-76-90	3/76
Lamps Helicopter	PSAD-76-98	3/76
P-3 Aircraft	PSAD-75-60	4/18/75
Patrol Frigate	PSAD-76-122	3/76
Phalanx Gun	Staff Study	12/75
PHM Ship	PSAD-76-117	3/76
Sanguine	LCD-75-315	1/20/75
Short Range Air to Air Missiles	Staff Study	2/75
SLCM	PSAD-76-105	3/76
Sparrow-F Missile	Staff Study	2/75
SSN-688	PSAD-76-120	3/76
Surface Effect Ships	Staff Study	2/75
Trident Facilities	LCD-76-341	6/14/76
Trident Submarine	PSAD-76-123	3/76
Department of Health, Education and Welfare:		
Health Resources Administration:		
Hill-Burton Health Facilities	B-164031(2)	5/3/74
National Institutes of Health:		
Health Research Equipment	B-164031(2)	9/17/73

LIST OF GAO REPORTS ON MAJOR ACQUISITIONSISSUED DURING FISCAL YEARS 1974-76

<u>Agency project</u>	<u>Latest report</u>	<u>Date</u>
Department of Health, Education, and Welfare (cont.):		
National Institutes of Health:		
Community Mental Health Centers Program	MWD-74-151	8/27/74
Health Services and Mental Health Administration:		
Cedars of Lebanon Hospital, FL	MWD-76-17	10/31/75
Department of the Interior:		
Bureau of Reclamation:		
Central Valley, CA	RED-74-254	8/1/74
Garrison Diversion Unit, ND	RED-75-277	11/25/74
Department of Transportation:		
Federal Aviation Administration:		
Civil Aviation Research and Development	PSAD-76-146	7/29/76
Federal Highway Administration:		
Eisenhower Memorial Tunnel, CO	PSAD-76-85	2/17/76
Interstate Highway System	RED-76-19	9/4/75
I-279, Pittsburgh, PA	RED-76-118	5/28/76
Federal Railroad Administration:		
Amtrak Subsidy	RED-76-97	4/21/76
Locomotives and Rail Passenger Cars Staff Study		9/74
Urban Mass Transportation Administration:		
Passenger Cars for the New Haven Railroad	RED-76-14	9/17/75
Personal Rapid Transit System, Morgantown, WV	Staff Study	4/75
San Francisco Bay Ferry System	RED-76-40	11/11/75
Small Bus Procurement	RED-75-391	7/2/75
U.S. Coast Guard:		
Icebreakers	Staff Study	6/75
Energy Research and Development Administration:		
Lightwater Reactor Safety Project	RED-76-78	5/27/76
Liquid Metal Fast Breeder Reactor, Clinch River, TN	RED-75-358	5/22/75
Fast Flux Test Facility, WA	Staff Study	1/75

LIST OF GAO REPORTS ON MAJOR ACQUISITIONSISSUED DURING FISCAL YEARS 1974-76

<u>Agency project</u>	<u>Latest report</u>	<u>Date</u>
General Services Administration: Federal Home Loan Bank Board Building Site, DC	B-114827	5/13/74
National Aeronautics and Space Administration:		
Landsat	PSAD-76-74	1/30/76
Seasat	PSAD-76-76	2/25/76
Space Transportation System (Space Shuttle)	PSAD-76-73	4/21/76
Space Telescope	PSAD-76-66	1/ 4/76
Viking	Staff Study	3/75
Tennessee Valley Authority:		
Bellefonte Nuclear Plant, AL	PSAD-76-86	3/1/76
Sequoyah Nuclear Power Plant, TN	Staff Study	3/75
U.S. Postal Service:		
Bulk Mail System	B-114874	2/24/76
Veterans Administration:		
Loma Linda Hospital, CA	MWD-74-183	7/19/74
Washington Metropolitan Area Transit Authority:		
Metro Rapid Rail Transit System, DC	PSAD-76-165	8/27/76