

APPENDIX VII  
 FEDERAL EXPENDITURES FOR RESEARCH AND DEVELOPMENT—FISCAL YEARS 1940-52  
 [In millions of dollars]

Agency	1940	1942	1944	1945	1946	1947	1948	1949	1950	1951	1952
Atomic Energy Commission.....						31.0	84.0	111.0	121.1	116.7	162.9
Federal Security Agency: Public Health Service.....	2.8	3.2	3.3	3.4	3.5	10.1	19.6	21.9	32.1	34.4	38.5
National Advisory Committee for Aeronautics.....	2.2	5.0	18.4	24.1	23.7	26.5	29.8	37.9	42.5	44.3	49.4
National Science Foundation.....										.1	1.1
Office of Scientific Research and Development.....		11.0	86.8	114.5	36.8	5.6	9				
Department of Agriculture.....	28.4	28.5	30.5	32.0	35.0	37.3	40.7	48.0	50.6	49.8	51.7
Department of Commerce.....	3.3	3.2	5.2	5.0	5.0	4.3	6.2	10.0	10.0	11.0	15.4
Department of Defense:											
Air Force.....	8.7	83.8	110.2	136.0	121.0	152.4	187.3	212.4	193.4	238.2	314.0
Army.....	3.8	68.4	161.3	134.0	114.0	93.6	113.2	124.0	108.8	143.8	246.0
Navy.....	13.9	58.9	176.6	243.0	183.0	269.3	233.7	270.5	237.4	276.7	320.0
Secretary of Defense.....											10.0
Total, military functions.....	26.4	211.1	448.1	513.0	418.0	515.3	534.2	606.9	539.6	658.7	890.0
Department of the Interior.....	7.9	13.5	20.7	18.0	17.0	16.5	19.1	28.3	27.7	28.8	31.9
Other agencies.....	2.4	3.4	32.6	20.0	11.0	9.9	27.5	29.7	16.0	16.3	19.3
Total, comparable items.....	73.4	278.9	645.6	730.0	550.0	656.5	762.0	893.7	839.6	960.1	1,260.2
Indirect costs, all agencies <sup>1</sup> .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	158.4	161.8	199.7	273.7	356.0
Construction of facilities, all agencies... Manhattan Engineer District, total expenditures.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	53.7	62.0	115.9	149.6	201.9	400.0
Grand total.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	366.0	186.0					
					( <sup>1</sup> )	( <sup>1</sup> )	982.4	1,171.4	1,188.9	1,449.7	2,016.2

Source: Bureau of the Budget. <sup>1</sup> Estimated. <sup>2</sup> Indirect costs for Department of Defense are included only in part. <sup>3</sup> Not available.