

Table 9.7—SUMMARY OF OUTLAYS FOR THE CONDUCT OF RESEARCH AND DEVELOPMENT: 1949–1999

Fiscal Year	In Millions of Dollars			In Billions of Constant (FY 1992) Dollars			As Percentages of Total Outlays			As Percentages of GDP		
	National Defense	Non- defense	Total	National Defense	Non- defense	Total	National Defense	Non- defense	Total	National Defense	Non- defense	Total
1949	762	178	940	4.1	1.0	5.1	2.0	0.5	2.4	0.3	0.1	0.3
1950	772	282	1,054	4.3	1.6	5.8	1.8	0.7	2.5	0.3	0.1	0.4
1951	846	279	1,125	4.4	1.5	5.9	1.9	0.6	2.5	0.3	0.1	0.4
1952	1,204	291	1,495	6.1	1.5	7.5	1.8	0.4	2.2	0.3	0.1	0.4
1953	1,553	295	1,848	7.7	1.5	9.1	2.0	0.4	2.4	0.4	0.1	0.5
1954	1,551	297	1,848	7.6	1.5	9.0	2.2	0.4	2.6	0.4	0.1	0.5
1955	1,550	345	1,895	7.5	1.7	9.2	2.3	0.5	2.8	0.4	0.1	0.5
1956	1,898	428	2,326	8.9	2.0	11.0	2.7	0.6	3.3	0.4	0.1	0.5
1957	2,134	577	2,711	9.7	2.6	12.3	2.8	0.8	3.5	0.5	0.1	0.6
1958	2,459	729	3,188	10.9	3.2	14.1	3.0	0.9	3.9	0.5	0.2	0.7
1959	5,364	1,020	6,384	23.3	4.4	27.7	5.8	1.1	6.9	1.1	0.2	1.3
1960	5,937	1,385	7,322	25.6	6.0	31.5	6.4	1.5	7.9	1.1	0.3	1.4
1961	6,922	1,864	8,786	29.4	7.9	37.3	7.1	1.9	9.0	1.3	0.4	1.7
1962	7,090	2,747	9,837	29.7	11.5	41.3	6.6	2.6	9.2	1.2	0.5	1.7
1963	7,144	4,221	11,365	29.6	17.5	47.1	6.4	3.8	10.2	1.2	0.7	1.9
1964	7,865	5,931	13,796	32.2	24.3	56.4	6.6	5.0	11.6	1.2	0.9	2.2
1965	7,077	6,763	13,840	28.5	27.2	55.7	6.0	5.7	11.7	1.0	1.0	2.0
1966	7,097	7,821	14,918	27.9	30.8	58.7	5.3	5.8	11.1	0.9	1.0	2.0
1967	8,068	7,894	15,962	30.8	30.1	60.9	5.1	5.0	10.1	1.0	1.0	2.0
1968	8,544	7,628	16,172	31.4	28.0	59.4	4.8	4.3	9.1	1.0	0.9	1.9
1969	8,314	7,346	15,660	29.2	25.8	55.1	4.5	4.0	8.5	0.9	0.8	1.7
1970	8,021	7,132	15,153	26.8	23.8	50.6	4.1	3.6	7.7	0.8	0.7	1.5
1971	8,108	7,301	15,409	25.8	23.2	49.0	3.9	3.5	7.3	0.8	0.7	1.4
1972	8,837	7,466	16,303	26.8	22.6	49.4	3.8	3.2	7.1	0.8	0.6	1.4
1973	9,139	7,896	17,035	26.6	22.9	49.5	3.7	3.2	6.9	0.7	0.6	1.3
1974	9,406	8,028	17,434	25.5	21.8	47.2	3.5	3.0	6.5	0.7	0.6	1.2
1975	9,715	8,821	18,536	23.9	21.7	45.5	2.9	2.7	5.6	0.6	0.6	1.2
1976	9,819	10,169	19,988	22.5	23.3	45.8	2.6	2.7	5.4	0.6	0.6	1.2
TQ	2,455	2,745	5,200	5.4	6.1	11.5	2.6	2.9	5.4	0.5	0.6	1.1
1977	10,874	10,569	21,443	23.2	22.5	45.7	2.7	2.6	5.2	0.6	0.5	1.1
1978	12,077	12,455	24,532	24.0	24.8	48.8	2.6	2.7	5.3	0.5	0.6	1.1
1979	12,129	14,196	26,325	22.3	26.1	48.4	2.4	2.8	5.2	0.5	0.6	1.1
1980	14,643	15,592	30,235	24.7	26.3	51.0	2.5	2.6	5.1	0.5	0.6	1.1
1981	16,937	17,231	34,168	26.0	26.5	52.5	2.5	2.5	5.0	0.6	0.6	1.1
1982	19,809	14,850	34,660	28.4	21.3	49.7	2.7	2.0	4.6	0.6	0.5	1.1
1983	22,298	13,602	35,900	30.6	18.6	49.2	2.8	1.7	4.4	0.7	0.4	1.0
1984	25,765	15,221	40,986	34.0	20.1	54.1	3.0	1.8	4.8	0.7	0.4	1.1
1985	30,360	16,856	47,216	38.7	21.5	60.2	3.2	1.8	5.0	0.7	0.4	1.2
1986	35,656	16,485	52,141	44.2	20.5	64.7	3.6	1.7	5.3	0.8	0.4	1.2
1987	37,097	16,159	53,256	44.7	19.5	64.2	3.7	1.6	5.3	0.8	0.4	1.2
1988	38,032	18,068	56,100	44.3	21.1	65.4	3.6	1.7	5.3	0.8	0.4	1.1
1989 ¹	40,366	20,394	60,760	45.1	22.8	67.9	3.5	1.8	5.3	0.8	0.4	1.1
1990 ¹	41,078	22,732	63,810	44.1	24.4	68.5	3.3	1.8	5.1	0.7	0.4	1.1
1991 ¹	37,887	24,296	62,183	39.0	25.0	64.0	2.9	1.8	4.7	0.6	0.4	1.1
1992 ¹	38,170	26,558	64,728	38.2	26.6	64.7	2.8	1.9	4.7	0.6	0.4	1.1
1993 ¹	40,396	27,982	68,378	39.4	27.3	66.6	2.9	2.0	4.9	0.6	0.4	1.1
1994 ¹	38,055	28,397	66,453	36.2	27.0	63.2	2.6	1.9	4.5	0.6	0.4	1.0
1995 ¹	37,699	30,733	68,432	35.0	28.5	63.5	2.5	2.0	4.5	0.5	0.4	1.0
1996 ¹	39,428	29,011	68,439	35.7	26.3	62.0	2.5	1.9	4.4	0.5	0.4	0.9
1997 ¹	40,177	30,896	71,073	35.6	27.4	63.0	2.5	1.9	4.4	0.5	0.4	0.9
1998 estimate ¹	39,024	32,355	71,379	34.0	28.2	62.1	2.3	1.9	4.3	0.5	0.4	0.9
1999 estimate ¹	39,417	34,287	73,704	33.6	29.3	62.9	2.3	2.0	4.3	0.5	0.4	0.8

¹ Includes off-budget Postal Service investments of the following amounts (in millions of current dollars): 1989: 64; 1990: 82; 1991: 116; 1992: 152; 1993: 57; 1994: 51; 1995: 52; 1996: 55; 1997: 68; 1998: 56; 1999: 59.