

Appendix table 4-28

Trends in R&D and federal outlays: Selected fiscal years, 1970–2008

Composition of federal outlays	1970	1980	1990	2000	2002	2004	2006	2008 ^a
Current \$billions								
Federal outlays	195.6	590.9	1,253.1	1,789.2	2,011.2	2,293.0	2,655.4	2,901.9
Mandatory programs ^b	61.0	262.1	568.2	951.4	1,105.9	1,237.3	1,412.1	1,526.8
Net interest	14.4	52.5	184.3	222.9	170.9	160.2	226.6	261.3
All discretionary	120.3	276.3	500.6	614.8	734.3	895.5	1,016.7	1,113.8
Defense	81.9	134.6	300.1	295.0	349.0	454.1	520.0	602.9
R&D	8.0	14.6	41.1	41.1	48.2	65.3	73.0	72.9
Nondefense	38.3	141.7	200.4	319.8	385.3	441.4	496.7	510.9
R&D	7.1	15.6	22.7	32.9	39.7	48.0	49.8	54.1
All federal R&D outlays	15.2	30.2	63.8	73.9	87.9	113.4	122.8	127.0
Percent distribution								
Federal outlays	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Mandatory programs ^b	31.2	44.4	45.3	53.2	55.0	54.0	53.2	52.6
Net interest	7.4	8.9	14.7	12.5	8.5	7.0	8.5	9.0
All discretionary	61.5	46.8	39.9	34.4	36.5	39.1	38.3	38.4
Defense	41.9	22.8	23.9	16.5	17.4	19.8	19.6	20.8
R&D	4.1	2.5	3.3	2.3	2.4	2.8	2.7	2.5
Nondefense	19.6	24.0	16.0	17.9	19.2	19.2	18.7	17.6
R&D	3.6	2.6	1.8	1.8	2.0	2.1	1.9	1.9
All federal R&D outlays	7.7	5.1	5.1	4.1	4.4	4.9	4.6	4.4
Percent								
Federal R&D outlays as proportion of corresponding discretionary outlays								
All federal R&D/total discretionary outlays	12.6	10.9	12.7	12.0	12.0	12.7	12.1	11.4
Defense	9.8	10.9	13.7	13.9	13.8	14.4	14.0	12.1
Nondefense	18.6	11.0	11.3	10.3	10.3	10.9	10.0	10.6

^aEstimate.

^bIncludes Social Security, Medicare, Medicaid, and other programs.

SOURCE: Office of Management and Budget, Historical Tables, Budget of the United States Government: Fiscal Year 2008 (2007).