

Table I-3. Historical Trends in R&amp;D and Federal Outlays

**Table I-3. Historical Trends in R&D and Federal Outlays  
(outlays in billions of dollars)**

	FY 1970 Actual	FY 1980 Actual	FY 1990 Actual	FY 2001 Budget
<b>Composition of Federal Outlays (Current Dollars)</b>				
Mandatory Programs	61	262	568	<b>993</b>
Net Interest	14	53	184	<b>208</b>
Defense Discretionary	82	135	300	<b>292</b>
International Discretionary	4	13	19	<b>24</b>
Domestic Discretionary	34	129	181	<b>318</b>
TOTAL Federal Outlays	196	591	1,253	<b>1,835</b>
Federal R&D Outlays included:				
in Defense Discretionary	8	15	42	<b>38</b>
in International Discretionary	NA	0	0	<b>0</b>
in Domestic Discretionary	8	17	23	<b>45</b>
TOTAL R&D Outlays	16	32	65	<b>83</b>
<b>Composition of Federal Outlays</b>				
Mandatory Programs	31.2%	44.4%	45.3%	<b>54.1%</b>
Net Interest	7.4%	8.9%	14.7%	<b>11.4%</b>
Defense Discretionary	41.8%	22.8%	23.9%	<b>15.9%</b>
International Discretionary	2.0%	2.2%	1.5%	<b>1.3%</b>
Domestic Discretionary	17.6%	21.8%	14.5%	<b>17.3%</b>
TOTAL Federal Outlays	100.0%	100.0%	100.0%	<b>100.0%</b>
<b>Federal R&amp;D Outlays as Percent of Discretionary Outlays <sup>1</sup></b>				
Defense	10.1%	11.1%	13.9%	<b>13.1%</b>
International	NA	0.8%	2.1%	<b>0.8%</b>
Domestic	21.8%	13.0%	12.9%	<b>14.0%</b>
TOTAL R&D as % of total discr.	13.1%	11.5%	13.0%	<b>13.1%</b>
<b>Federal R&amp;D Outlays as Percent of GDP</b>				
Defense R&D	0.8%	0.5%	0.7%	<b>0.4%</b>
Nondefense R&D <sup>2</sup>	0.7%	0.6%	0.4%	<b>0.4%</b>
TOTAL R&D	1.6%	1.2%	1.1%	<b>0.8%</b>

Source: *Budget of the United States Government FY 2001, Historical Tables.*

NA = data not available.

All figures are rounded to the nearest billion. Changes calculated from unrounded figures.

<sup>1</sup> R&D as a percent of its respective category (e.g., defense R&D as a percentage of defense discretionary).<sup>2</sup> Includes international and domestic R&D programs.