

Table I-11. Total U.S. R&amp;D, 2001-2003

**Table I-11.** Total U.S. R&D, 2001-2003  
(expenditures in millions of dollars)

(calendar years)	2001	2002	2003	% Change	% Share of
	Actual	Prelim.	Preliminary	2002-2003	Total ('03)
U.S. R&D by funding source:					
Federal Government	73,341	80,490	<b>85,279</b>	5.9%	30.0%
Industry	184,892	178,514	<b>179,615</b>	0.6%	63.3%
Universities and Colleges	6,778	7,332	<b>7,944</b>	8.3%	2.8%
Nonprofits	6,818	7,550	<b>8,247</b>	9.2%	2.9%
Nonfederal Government	2,382	2,548	<b>2,710</b>	6.4%	1.0%
Total U.S. R&D	274,211	276,434	<b>283,795</b>	2.7%	100.0%
U.S. R&D by performer:					
Federal Government	21,048	23,788	<b>24,959</b>	4.9%	8.8%
Industry	198,505	192,379	<b>193,729</b>	0.7%	68.3%
Universities and Colleges	33,518	36,846	<b>40,262</b>	9.3%	14.2%
FFRDCs *	10,437	11,655	<b>12,185</b>	4.5%	4.3%
Nonprofits	10,702	11,766	<b>12,661</b>	7.6%	4.5%
Total U.S. R&D	274,211	276,434	<b>283,795</b>	2.7%	100.0%
U.S. R&D by character of work:					
Basic Research	47,112	50,807	<b>54,103</b>	6.5%	19.1%
<i>(from federal sources)</i>	27,393	30,400	<b>32,713</b>	7.6%	11.5%
<i>(from industry sources)</i>	9,274	8,992	<b>9,021</b>	0.3%	3.2%
Applied Research	64,401	65,559	<b>67,780</b>	3.4%	23.9%
Development	162,698	160,068	<b>161,911</b>	1.2%	57.1%
Total U.S. R&D	274,211	276,434	<b>283,795</b>	2.7%	100.0%
U.S. GDP** (billions)	10,082	10,442	<b>10,884</b>	4.2%	
U.S. R&D / GDP	2.72%	2.65%	<b>2.61%</b>		

Source: National Science Foundation, Division of Science Resources Statistics.

The complete data are available at <http://www.nsf.gov/sbe/srs/stats.htm>.

\* Federally Funded Research and Development Centers.

\*\* Gross Domestic Product.

These data are based on performer surveys of expenditures for calendar years, and thus differ from data presented elsewhere in this report (agency budget authority data by fiscal year). These data also exclude R&D facilities.

**Please see Chapters 1 and 4 for a discussion of the data in this table.**