

Table I-11. Total U.S. R&D, 1998-2000

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(expenditures in millions of dollars)

(calendar years)	1998	1999	2000	% Change	% Share of
	Actual	Actual	Preliminary	1999-2000	Total ('00)
U.S. R&D by funding source:					
Federal Government	66,827	67,711	69,627	2.8%	26.3%
Industry	147,867	163,397	181,040	10.8%	68.4%
Universities and Colleges	5,183	5,562	5,969	7.3%	2.3%
Nonprofits	5,007	5,390	5,789	7.4%	2.2%
Nonfederal Government	1,987	2,083	2,197	5.5%	0.8%
Total U.S. R&D	226,872	244,143	264,622	8.4%	100.0%
U.S. R&D by performer:					
Federal Government	17,362	18,332	19,143	4.4%	7.2%
Industry	167,102	180,450	197,280	9.3%	74.6%
Universities and Colleges	26,664	28,363	30,154	6.3%	11.4%
FFRDCs *	8,510	8,980	9,294	3.5%	3.5%
Nonprofits	7,234	8,017	8,750	9.1%	3.3%
Total U.S. R&D	226,872	244,143	264,622	8.4%	100.0%
U.S. R&D by character of work:					
Basic Research	41,294	44,625	47,903	7.3%	18.1%
<i>(from federal sources)</i>	20,613	22,140	22,310	0.8%	8.4%
<i>(from industry sources)</i>	13,397	14,667	16,223	10.6%	6.1%
Applied Research	45,702	51,632	55,041	6.6%	20.8%
Development	139,875	147,886	161,679	9.3%	61.1%
Total U.S. R&D	226,872	244,143	264,622	8.4%	100.0%
U.S. GDP** (billions)	8,790	9,299	9,963	7.1%	
U.S. R&D / GDP	2.58%	2.63%	2.66%		

Source: National Science Foundation, *National Patterns of R&D Resources 2000*, 2001.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.