

**Table 780. Research and Development (R&D) Expenditures in Science and Engineering at Universities and Colleges in Current and Constant (2000) Dollars: 1990 to 2005**

[In millions of dollars (16,286 represents \$16,286,000,000). Totals may not add due to rounding]

Characteristic	Current dollars				Constant (2000) dollars <sup>1</sup>			
	1990	1995	2000	2005	1990	1995	2000	2005
<b>Total</b> . . . . .	<b>16,286</b>	<b>22,172</b>	<b>30,070</b>	<b>45,750</b>	<b>20,051</b>	<b>24,056</b>	<b>30,070</b>	<b>40,893</b>
Basic research <sup>2</sup> . . . . .	10,643	14,810	22,454	34,384	13,103	16,068	22,454	30,733
Applied R&D <sup>2</sup> . . . . .	5,643	7,362	7,616	11,367	6,948	7,987	7,616	10,160
Source of funds:								
All governments . . . . .	9,638	13,333	17,536	29,167	11,866	14,466	17,536	26,070
Institutions' own funds . . . .	1,324	1,690	2,200	2,940	1,630	1,834	2,200	2,628
Industry . . . . .	3,006	4,048	5,924	8,258	3,701	4,392	5,924	7,381
Other . . . . .	1,127	1,489	2,156	2,292	1,388	1,616	2,156	2,049
Fields:								
Physical sciences . . . . .	1,807	2,256	2,712	3,704	2,225	2,448	2,712	3,311
Environmental sciences . . . .	1,069	1,434	1,765	2,546	1,316	1,556	1,765	2,276
Mathematical sciences . . . .	222	279	342	495	273	303	342	442
Computer sciences . . . . .	515	682	876	1,406	634	740	876	1,257
Life sciences . . . . .	8,726	12,189	17,469	27,603	10,743	13,224	17,469	24,672
Psychology . . . . .	253	371	517	826	311	402	517	738
Social sciences . . . . .	703	1,019	1,299	1,675	866	1,106	1,299	1,498
Other sciences . . . . .	336	427	535	767	414	463	535	686
Engineering . . . . .	2,656	3,516	4,555	6,728	3,270	3,814	4,555	6,013

<sup>1</sup> Based on gross domestic product implicit price deflator. <sup>2</sup> Basic research and applied R&D statistics were reestimated for FY 2001 and forward. These data are not directly comparable to those from earlier years.

Source: U.S. National Science Foundation, *Survey of Research and Development Expenditures at Universities and Colleges*, annual.