

APPENDIX TABLE 4-20 
Difference in federal R&D support, as reported by performers and federal agencies: 1985–2015

(Billions of dollars)

Year	All performers				Business performers ^a			
	Performer reported	Agency reported	Difference (\$billions)	Difference (%)	Performer reported	Agency reported	Difference (\$billions)	Difference (%)
1985	52.6	48.4	4.3	8.9	25.3	21.7	3.6	16.7
1986	54.6	51.4	3.2	6.2	26.0	24.2	1.8	7.4
1987	58.6	55.3	3.4	6.1	28.8	26.8	2.0	7.4
1988	60.1	56.8	3.4	5.9	28.2	26.7	1.5	5.6
1989	60.5	61.4	-0.9	-1.5	26.4	28.6	-2.2	-7.7
1990	61.6	63.6	-2.0	-3.1	25.8	29.4	-3.6	-12.1
1991	60.8	61.3	-0.5	-0.8	24.1	26.4	-2.3	-8.8
1992	60.9	65.6	-4.7	-7.1	22.4	29.8	-7.4	-24.8
1993	60.5	67.3	-6.8	-10.1	20.8	30.2	-9.4	-31.0
1994	60.8	67.2	-6.5	-9.6	20.3	30.5	-10.2	-33.5
1995	63.0	68.2	-5.2	-7.7	21.2	30.2	-9.1	-30.0
1996	63.4	67.7	-4.3	-6.3	21.4	30.4	-9.0	-29.7
1997	64.6	69.8	-5.3	-7.5	21.8	31.4	-9.6	-30.6
1998	66.4	72.1	-5.7	-7.9	22.1	32.0	-9.9	-31.0
1999	67.4	75.3	-8.0	-10.6	20.5	31.9	-11.4	-35.7
2000	67.9	75.9	-8.0	-10.6	17.1	29.4	-12.3	-41.8
2001	74.6	84.5	-9.9	-11.7	16.9	28.2	-11.3	-40.2
2002	79.9	93.7	-13.8	-14.8	16.4	34.6	-18.2	-52.6
2003	86.3	103.5	-17.2	-16.6	17.8	40.7	-22.9	-56.3
2004	92.0	112.1	-20.0	-17.9	20.3	43.8	-23.5	-53.7
2005	96.7	118.8	-22.2	-18.6	21.9	48.9	-27.0	-55.2
2006	101.3	121.7	-20.5	-16.8	24.3	52.8	-28.4	-53.9
2007	106.5	127.3	-20.7	-16.3	26.6	55.3	-28.8	-52.0



Year	All performers				Business performers ^a			
	Performer reported	Agency reported	Difference (\$billions)	Difference (%)	Performer reported	Agency reported	Difference (\$billions)	Difference (%)
2008	119.1	127.1	-8.0	-6.3	36.4	56.3	-20.0	-35.5
2009	127.4	141.1	-13.7	-9.7	39.6	53.3	-13.7	-25.8
2010	128.4	140.4	-11.9	-8.5	34.2	59.9	-25.7	-42.9
2011	128.9	135.5	-6.6	-4.9	31.3	55.6	-24.2	-43.6
2012	125.8	138.5	-12.7	-9.2	30.6	58.9	-28.3	-48.0
2013	122.1	125.4	-3.3	-2.6	29.4	49.5	-20.2	-40.7
2014	119.8	130.3	-10.5	-8.0	26.6	50.2	-23.7	-47.1
2015	113.1	128.6	-15.5	-12.0	19.5	47.5	-27.9	-58.9

^a Excludes industry-administered federally funded R&D centers.

Note(s)

The performer-reported data are expenditures on a calendar-year basis. The agency-reported data are obligations, as normally reported on a federal fiscal-year basis. Dollar difference is performer-reported R&D minus agency-reported R&D. Percentage difference is dollar difference divided by agency-reported R&D. A negative difference arises when agency-reported R&D is higher than performer-reported R&D.

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, National Patterns of R&D Resources (annual series), and Survey of Federal Funds for Research and Development.

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