

TABLE 4-8

**Funds spent for business R&D performed in the United States: 2008–15**

(Millions of current dollars and percent share)

Sector	2008	2009	2010	2011	2012	2013	2014	2015
Current \$millions								
U.S. total R&D	404,773	402,931	406,580	426,160	433,619	453,964	475,426	495,144
All business R&D <sup>a</sup>	290,680	282,393	278,977	294,093	302,250	322,528	340,728	355,821
Paid for by the company	232,505	224,920	221,706	238,768	247,280	264,913	282,570	296,677
From company-owned, U.S.-located units	225,848	221,104	218,187	235,426	242,674	259,908	277,272	289,892
From foreign subsidiaries	6,657	3,816	3,519	3,342	4,606	5,005	5,298	6,785
Paid for by others	58,176	57,473	57,271	55,324	54,970	57,615	58,158	59,144
Federal	36,360	39,573	34,199	31,309	30,621	29,362	26,554	26,990
Domestic companies	12,181	9,567	11,013	11,124	11,624	13,450	13,227	14,595
Foreign companies	8,876	7,648	11,015	12,007	12,093	13,791	17,246	16,317
Foreign parent <sup>b</sup>	NA	NA	7,102	7,438	8,486	10,445	13,407	12,579
Unaffiliated companies	NA	NA	3,913	4,569	3,607	3,346	3,839	3,738
All other organizations <sup>c</sup>	759	685	1,044	884	632	1,013	1,131	1,242
Source of funds as a percentage of all business R&D								
All business R&D <sup>a</sup>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Paid for by the company	80.0	79.6	79.5	81.2	81.8	82.1	82.9	83.4
From company-owned, U.S.-located units	77.7	78.3	78.2	80.1	80.3	80.6	81.4	81.5
From foreign subsidiaries	2.3	1.4	1.3	1.1	1.5	1.6	1.6	1.9
Paid for by others	20.0	20.4	20.5	18.8	18.2	17.9	17.1	16.6
Federal	12.5	14.0	12.3	10.6	10.1	9.1	7.8	7.6
Domestic companies	4.2	3.4	3.9	3.8	3.8	4.2	3.9	4.1
Foreign companies	3.1	2.7	3.9	4.1	4.0	4.3	5.1	4.6
Foreign parent <sup>b</sup>	NA	NA	2.5	2.5	2.8	3.2	3.9	3.5
Unaffiliated companies	NA	NA	1.4	1.6	1.2	1.0	1.1	1.1



Sector	2008	2009	2010	2011	2012	2013	2014	2015
All other organizations <sup>c</sup>	0.3	0.2	0.4	0.3	0.2	0.3	0.3	0.3

NA = not available.

<sup>a</sup> Includes companies located in the United States that performed or funded R&D. Data in this table represent an aggregate of all industries in the North American Industry Classification System codes 21–33 and 42–81.

<sup>b</sup> Includes foreign parent companies of U.S. subsidiaries.

<sup>c</sup> Includes U.S. state government agencies and laboratories, foreign agencies and laboratories, and all other organizations located inside and outside the United States.

**Note(s)**

Detail may not add to total because of rounding. Industry classification was based on the dominant business code for domestic R&D performance, where available. For companies that did not report business codes, the classification used for sampling was assigned. This table excludes data for federally funded R&D centers.

**Source(s)**

National Science Foundation, National Center for Science and Engineering Statistics, Business R&D and Innovation Survey (annual series).

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