

TABLE 51. Worldwide and domestic sales for companies located in the United States that performed or funded R&D, by industry and company size: 2009
(Millions of U.S. dollars)

Industry and company size	NAICS code	Sales		
		Worldwide	Domestic	Foreign
All industries	21-23, 31-33, 42-81	10,139,109	7,407,583	2,731,525
Manufacturing industries	31-33	6,115,198	4,295,464	1,819,734
Food	311	712,713	564,138	148,575
Beverage and tobacco products	312	204,112	73,959	130,153
Textiles, apparel, and leather products	313-316	46,689	40,123	6,565
Wood products	321	35,398	31,823	3,575
Paper	322	122,720	89,002	33,718
Printing and related support activities	323	36,457	33,585	2,872
Petroleum and coal products	324	226,024	173,897	52,127
Chemicals	325	1,185,492	812,609	372,882
Basic chemicals	3251	236,669	156,889	79,780
Resin, synthetic rubber, fibers, and filaments	3252	152,016	129,073	22,943
Pesticide, fertilizer, and other agricultural chemical	3253	42,823	33,188	9,636
Pharmaceuticals and medicines	3254	482,729	339,730	142,999
Soap, cleaning compound, and toilet preparation	3256	179,184	89,055	90,129
Paint, coating, adhesive, and other chemical	3255, 3259	92,071	64,675	27,396
Plastics and rubber products	326	199,237	137,452	61,785
Nonmetallic mineral products	327	71,642	64,994	6,648
Primary metals	331	130,260	105,756	24,504
Fabricated metal products	332	129,546	107,370	22,175
Machinery	333	372,916	226,828	146,087
Agricultural implement	33311	51,060	32,626	18,434
Semiconductor machinery	333295	11,540	5,290	6,250
Engine, turbine, and power transmission equipment	3336	27,275	19,181	8,094
Other machinery	other 333	283,041	169,731	113,310
Computer and electronic products	334	864,920	531,674	333,246
Communications equipment	3342	133,834	89,059	44,775
Semiconductor and other electronic components	3344	182,612	111,377	71,235
Navigational, measuring, electromedical, and control instruments	3345	247,361	174,466	72,895
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	76,694	55,085	21,609
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	334511	100,234	75,181	25,053
Other measuring and controlling devices	other 3345	70,433	44,200	26,233
Computer and peripheral equipment and other computer and electronic products	other 334	301,113	156,772	144,341
Electrical equipment, appliances, and components	335	154,676	98,048	56,627
Transportation equipment	336	1,141,199	813,827	327,372
Automobiles, bodies, trailers, and parts	3361-3363	650,322	442,988	207,334
Aerospace products and parts	3364	436,193	331,630	104,563
Aircraft, aircraft engine, and aircraft parts	336411-336413	D	275,667	D
Guided missile, space vehicle, and related parts	336414, 336415, 336419	D	55,963	D
Military armored vehicle, tank, and tank components	336992	1,508	1,431	77
Other transportation equipment	other 336	53,176	37,778	15,398
Furniture and related products	337	38,112	33,198	4,914
Miscellaneous manufacturing	339	443,085	357,180	85,905
Medical equipment and supplies	3391	348,396	284,694	63,702
Other miscellaneous manufacturing	3399	94,690	72,486	22,204
Nonmanufacturing industries	21-23, 42-81	4,023,910	3,112,119	911,791
Mining, extraction, and support activities	21	755,293	356,330	398,963
Utilities	22	301,211	296,094	5,117
Construction	23	29,426	26,225	3,200
Wholesale trade	42	95,406	78,529	16,876
Retail trade	44, 45	103,833	84,346	19,488
Electronic shopping and mail-order houses	4541	D	18,350	D
Other retail trade	other 44, 45	D	65,995	D
Transportation and warehousing	48, 49	136,401	113,344	23,057

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Information	51	932,949	742,392	190,558
Publishing	511	416,995	274,051	142,944
Newspaper, periodical, book, and directory publishers	5111	18,538	11,920	6,618
Software publishers	5112	398,457	262,131	136,326
Telecommunications	517	360,045	349,909	10,136
Data processing, hosting, and related services	518	48,014	36,191	11,823
Other information	other 51	107,896	82,241	25,655
Finance and insurance	52	836,554	746,432	90,122
Real estate and rental and leasing	53	14,445	13,372	1,073
Professional, scientific, and technical services	54	602,277	455,129	147,148
Architectural, engineering, and related services	5413	99,048	70,838	28,211
Computer systems design and related services	5415	258,964 i	185,287 i	73,676 i
Scientific R&D services	5417	104,284	95,430	8,854
Biotechnology R&D	541711	27,959	24,595	3,364 i
Physical, engineering, and life sciences (except biotechnology) R&D	541712	75,193	69,705	5,488
Social sciences and humanities R&D	541720	1,132	1,130	1
Other professional, scientific, and technical services	other 54	139,981	103,573	36,407
Health care services	621–623	45,707	45,200	507
Other nonmanufacturing	55, 56, 61, 624, 71, 72, 81	170,409	154,726	15,682
All companies	–	10,139,109	7,407,583	2,731,525
Small companies (number of domestic employees) ^a				
5–499	–	1,038,607	868,230	170,376
5–99	–	396,826	373,963	22,862
5–49	–	248,770	235,322	13,448
5–24	–	122,477	114,141	8,337
25–49	–	126,293	121,182	5,111
50–99	–	148,055	138,641	9,415
100–249	–	351,382	230,213	121,169
250–499	–	290,399	264,054	26,345
Medium and large companies (number of domestic employees)				
500–999	–	325,535	266,201	59,334
1,000–4,999	–	1,309,120	984,010	325,110
5,000–9,999	–	883,715	636,559	247,156
10,000–24,999	–	2,189,541	1,637,652	551,889
25,000 or more	–	4,392,590	3,014,931	1,377,659

D = data withheld to avoid disclosing operations of individual companies; i = value > 50% of estimate is a combination of imputation and reweighting to account for nonresponse.

NAICS = 2007 North American Industry Classification System.

^a Upper bound based on U.S. Small Business Administration's definition of small business; Business R&D and Innovation Survey (BRDIS) does not include companies with fewer than five domestic employees.

NOTES: Detail may not add to total because of rounding. Industry classification based on dominant business code for domestic R&D performance where available. For companies that did not report business codes, classification used for sampling was assigned. Foreign sales are amount of sales that originated from foreign operations.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics and U.S. Census Bureau, Business R&D and Innovation Survey, 2009.