

TABLE 52. Worldwide and domestic sales for companies located in the United States that performed or funded R&D, by business activity: 2009
(Millions of U.S. dollars)

Business activity	Business code ^a	Sales		
		Worldwide	Domestic	Foreign
All business activities	21100-81390	10,139,109	7,407,583	2,731,525
Oil and gas extraction	21100	153,042	61,197	91,844
Coal mining	21210	12,778	D	D
Metal ore mining	21220	D	D	D
Nonmetallic mineral mining and quarrying	21230	9,407	6,776	2,631
Support activities for solid mineral operations	21310	3	3	0
Support activities for oil and gas operations	21320	45,259	22,957	22,303
Electric power generation, transmission, and distribution	22110	280,949	257,641	23,308
Natural gas distribution	22120	32,086	D	D
Water, sewage, and other systems	22130	4,778	4,668	110
Construction of buildings	23600	9,076	6,675	2,401
Heavy and civil engineering construction	23700	20,177	12,433	7,744
Specialty trade contractors	23800	12,991	7,966	5,025
Food	31100	554,733	452,914	101,820
Beverage	31210	129,424	78,735	50,689
Tobacco	31220	134,972	32,421	102,552
Textile mill products	31300	27,810	20,537	7,273
Textile product mills	31400	1,300	1,242	58
Apparel	31500	12,298	11,488	811
Leather and allied products	31600	7,493	6,319	1,174
Wood products	32100	26,897	25,247	1,650
Paper	32200	115,708	85,047	30,661
Printing and related support activities	32300	37,223	32,677	4,546
Petroleum and coal products	32400	602,414	346,065	256,349
Basic chemicals	32510	179,034	103,424	75,609
Resin, synthetic rubber, and artificial synthetic fibers and filaments	32520	93,477	60,201	33,276
Pesticide, fertilizer, and other agricultural chemical	32530	73,159	49,409	23,750
Pharmaceutical, medicinal, botanical, and biological products (except diagnostic)	32541	430,703	287,352	143,351
In-vitro diagnostic substances	32542	16,919	9,725	7,195
Soap, cleaning compound, and toilet preparation	32591	151,871	71,593	80,278
Paint, adhesive, and other chemical	32592	104,184	62,180	42,004
Plastics and rubber products	32600	159,876	112,787	47,090
Clay and glass products	32710	27,913	19,041	8,872
Cement, concrete, lime, gypsum, and other nonmetallic mineral product	32790	36,856	32,873	3,983
Iron and steel mills, ferroalloy, and steel product from purchased steel	33110	68,809	58,773	10,036
Nonferrous metals production and processing	33130	47,203	31,596	15,607
Ferrous and nonferrous foundries	33150	7,224	6,215	1,009
Fabricated metal products	33200	131,471	101,410	30,061
Farm machinery and equipment	33311	40,409	24,969	15,440
Construction machinery	33312	23,340	13,228	10,113
Mining machinery and equipment	33313	43,372	20,856	22,516
Oil and gas field machinery and equipment	33314	26,156	12,529	13,626
Semiconductor machinery	33321	10,540	4,757	5,783
Industrial machinery, except semiconductor machinery	33322	21,895	15,687	6,208
Photographic and photocopying equipment	33331	6,999	5,028	1,971
Commercial, service industry, temperature control, and air-flow control machinery	33332	49,729	32,794	16,936
Engine, turbine, and power transmission equipment	33360	47,092	30,223	16,869
Metalworking and other general purpose machinery	33390	67,055	42,035	25,020
Computers and peripheral equipment	33410	265,324	130,911	134,413
Telephone apparatus	33421	65,604	35,182	30,422

TABLE 52. Worldwide and domestic sales for companies located in the United States that performed or funded R&D, by business activity: 2009
(Millions of U.S. dollars)

Business activity	Business code ^a	Sales		
		Worldwide	Domestic	Foreign
Radio and television broadcasting and wireless communications equipment	33422	68,515	47,937	20,578
Communication equipment, except broadcasting, wireless, and telephone apparatus	33429	13,353	8,649	4,704
Audio and video equipment	33430	15,157	11,026	4,131
Semiconductor and other electronic components	33440	196,419	116,436	79,984
Electromedical, electrotherapeutic, and irradiation apparatus	33451	20,231	14,342	5,889
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	33452	63,297	50,633	12,664
Measuring and control instruments (not listed elsewhere)	33459	61,520	34,155	27,365
Manufacturing and reproducing magnetic and optical media	33460	6,020	4,909	1,111
Electrical equipment, appliances, and components	33500	130,583	85,971	44,612
Motor vehicles	33610	399,285	274,734	124,551
Motor vehicle body and trailer	33620	15,757	14,018	1,739
Motor vehicle parts	33630	126,804	77,418	49,386
Aircraft	33641	75,973	69,012	6,961
Aircraft engine and engine parts	33642	37,088	24,733	12,355
Other aircraft parts and auxiliary equipment	33643	36,725	26,632	10,093
Guided missile, space vehicle, and related parts	33644	51,322	44,282	7,040
Railroad rolling stock	33651	3,640	2,763	877
Ship and boat building	33660	37,451	D	D
Motorcycle, bicycle, and parts	33691	6,674	6,267	408
Military armored vehicle, tank, and tank components	33692	10,131	9,667	464
All other transportation equipment	33699	6,327	5,389	938
Furniture and related products	33700	35,962	31,150	4,811
Medical equipment and supplies	33910	151,167	96,681	54,487
Miscellaneous manufacturing (not listed elsewhere)	33990	113,125	83,357	29,769
Merchant wholesalers, durable goods	42300	307,400	191,788	115,612
Merchant wholesalers, nondurable goods	42400	270,359	237,014	33,345
Wholesale electronic markets and agents and brokers	42500	7,851	D	D
Motor vehicle and parts dealers	44100	15,691	11,200	4,491
Electronics and appliance stores	44300	78	53	25
Food and beverage stores	44500	2,283	2,283	0
Clothing and clothing accessories stores	44800	1,886	1,505	381
General merchandise stores	45200	61,756	60,830	926
Electronic shopping and mail-order houses	45410	42,190	24,068	18,123
Nonstore retailers, except electronic shopping and mail-order houses	45490	1,050	D	D
Retail trade stores, including gasoline stations (not listed elsewhere)	45990	30,630	D	D
Air transportation	48100	34,728	23,968	10,760
Rail transportation	48200	36,276	D	D
Water transportation	48300	3,089	D	D
Truck transportation	48400	16,681	16,193	488
Transit and ground passenger transportation	48500	1,271	1,271	0
Pipeline transportation of crude oil, refined petroleum, and miscellaneous products, except natural gas	48610	21,332	D	D
Pipeline transportation of natural gas	48620	D	D	D
Scenic and sightseeing transportation	48700	16	16	0
Support activities for transportation	48800	13,152	9,660	3,492
Couriers and messengers	49200	D	D	D
Warehousing and storage	49300	1,540	1,297	244
Newspaper, periodical, book, and directory publishers (except Internet)	51110	24,710	16,476	8,234
Software publishers (except Internet)	51120	196,932	118,073	78,859
Motion picture and sound recording (except Internet)	51200	20,814	14,331	6,483
Radio and television broadcasting (except Internet)	51510	19,543	16,028	3,515
Cable and other subscription programming (except Internet)	51520	20,278	18,162	2,116

TABLE 52. Worldwide and domestic sales for companies located in the United States that performed or funded R&D, by business activity: 2009
(Millions of U.S. dollars)

Business activity	Business code ^a	Sales		
		Worldwide	Domestic	Foreign
Cable and other program distribution	51711	61,669	59,491	2,178
Broadband Internet service providers (e.g., cable, DSL)	51712	327	294	33
Wired telecommunications carriers (except cable and broadband Internet)	51713	125,845	D	D
Wireless telecommunications carriers (except satellite)	51720	155,186	154,445	741
Satellite telecommunications	51740	12,909 i	6,836 i	6,074 i
Internet service providers using client-supplied telecommunications connections (e.g., dial-up, ISPs)	51791	1,385	1,168	217
Telecommunications services (not listed elsewhere)	51792	7,699	6,681	1,018
Data processing, hosting, and related services	51800	35,561	28,866	6,696
Internet publishing and broadcasting and Web search portals	51913	31,296	21,279	10,017
Information services (not listed elsewhere)	51919	11,793	7,550	4,243
Monetary authorities-central bank	52100	D	D	0
Depository credit intermediation	52210	138,137	123,556	14,581
Nondepository credit intermediation	52220	165,373	144,731	20,642
Activities related to credit intermediation	52230	47,019	36,526	10,493
Securities, commodity contracts, and other financial investments and related activities	52300	133,785	85,026	48,759
Insurance carriers	52410	290,639	279,469	11,170
Agencies, brokerages, and other insurance-related activities	52420	7,510	6,924	586
Funds, trusts, and other financial vehicles	52500	15,748	D	D
Real estate	53100	7,899	D	D
Automotive equipment rental and leasing	53210	11,382	D	D
Consumer goods and general rental centers	53220	9,989	7,873	2,116
Commercial and industrial machinery and equipment rental and leasing	53240	14,696	8,180	6,516
Lessors of nonfinancial intangible assets	53300	1,488	1,192	295
Legal services	54110	D	D	0
Accounting, tax preparation, bookkeeping, and payroll services	54120	3,921 i	3,087 i	834 i
Architectural, engineering, and related services	54130	82,401	71,025	11,376
Specialized design services	54140	6,451	D	D
Computer systems design and related services	54150	203,709	127,689	76,020
Management, scientific, and technical consulting services	54160	56,346	33,776	22,570
R&D services in social sciences and humanities	54172	1,034	1,030	4
R&D services in biotechnology	54173	21,670	18,320	3,349 i
R&D services in physical, engineering, and life sciences (except biotechnology)	54174	20,476	16,458	4,018
Advertising and related services	54180	49,974	D	D
Professional, scientific, and technical services (not listed elsewhere)	54190	26,953	24,896	2,057
Management of companies and enterprises	55100	2,333	2,309	23
Business support services	56140	12,866	9,151	3,715
Travel arrangement and reservation services	56150	4,070	2,601	1,469
Investigation, security, and services to buildings and dwellings	56160	5,636	3,566	2,070
Office administrative, facilities, employment, and other support services	56190	117,902	115,030	2,872 i
Waste collection, treatment, and disposal	56210	4,926	4,908	18
Remediation and other waste management services	56290	1,347	D	D
Educational services	61100	308	302	5
Offices of physicians	62110	24,321	24,320	* i
Offices of dentists and other health practitioners	62120	170	D	D
Medical and diagnostic laboratories	62150	15,313	14,452	862
Home health care services	62160	739	738	1
Outpatient care centers and other ambulatory health care services	62190	7,256	7,165	91
General medical and surgical hospitals	62210	3,001	3,001	0
Psychiatric, substance abuse, and specialty hospitals	62220	D	D	0
Nursing and residential care facilities	62300	D	D	0

TABLE 52. Worldwide and domestic sales for companies located in the United States that performed or funded R&D, by business activity: 2009
(Millions of U.S. dollars)

Business activity	Business code ^a	Sales		
		Worldwide	Domestic	Foreign
Social assistance (except child day care services)	62400	283	D	D
Performing arts, spectator sports, and related industries	71100	1,325	1,325	0
Amusement, gambling, and recreation industries	71300	18,585	15,276	3,308
Traveler accommodation services	72100	D	D	0
Food services and drinking places	72200	30,914	20,995	9,919
Automotive repair and maintenance	81110	2,682	2,638	44
Repair and maintenance, except automotive	81190	9,412	5,049	4,363
Personal care, death care, laundry, and other personal services	81200	5,635	2,354	3,280
Religious, grantmaking, social advocacy, civic, and social organizations	81310	0	0	0
Business, professional, labor, political, and similar organizations	81390	112	105	6
Less: intersegment eliminations	-	236,778	110,233	126,544
Undistributed	-	1,000,354	852,827	147,527

* = amount < \$500,000; 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.

DSL = digital subscriber line; ISP = internet service provider.

^a Data tabulated independent of industry classification of company. Companies were asked to report their sales and R&D into one or more business codes. Business codes and descriptions based on 2007 North American Industry Classification System industry definitions.

NOTES: Detail may not add to total because of rounding. Statistics are representative of companies located in United States that performed or funded R&D.

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