

TABLE 3. Worldwide and domestic sales for companies located in the United States that performed or funded R&D, by business activity: 2008
(Millions of U.S. dollars)

Business activity	Business code ^a	Sales		
		Worldwide	Domestic	Foreign
All business activities	21100-81390	10,976,518	7,796,340	3,180,177
Oil and gas extraction	21100	271,493	127,788	143,705
Coal mining	21210	15,238	11,826	3,412
Metal ore mining	21220	D	11,769	D
Nonmetallic mineral mining and quarrying	21230	7,278	6,005	1,273
Support activities for oil and gas operations	21300	56,139	35,364	20,776
Support activities for solid mineral operations	21310	D	D	0
Electric power generation, transmission, and distribution	22110	278,311	267,578	10,734
Natural gas distribution	22120	43,062	40,147	2,916
Water, sewage, and other systems	22130	3,237	3,174	64
Construction of buildings	23600	6,722	5,488	1,233
Heavy and civil engineering construction	23700	43,291	18,691	24,601
Specialty trade contractors	23800	11,842	10,029	1,814
Food	31100	475,588	394,404	81,184
Beverage	31210	143,008	83,691	59,317
Tobacco	31220	28,970	28,680	290
Textile mill products	31300	37,085	25,968	11,117
Apparel	31500	14,819	14,332	487
Leather and allied products	31600	5,316	4,692	624
Wood products	32100	34,563	28,183	6,381
Paper	32200	139,953	100,057	39,895
Printing and related support activities	32300	26,426	22,678	3,748
Petroleum and coal products	32400	896,228	525,009	371,219
Basic chemicals	32510	273,809	158,621	115,189
Resin, synthetic rubber, and artificial synthetic fibers and filaments	32520	89,805	60,269	29,537
Pesticide, fertilizer, and other agricultural chemical	32530	40,337	28,010	12,327
Pharmaceutical, medicinal, botanical, and biological products (except diagnostic)	32541	582,910	445,985	136,925
In-vitro diagnostic substances	32542	22,317	15,353	6,964
Soap, cleaning compound, and toilet preparation	32591	142,212	69,942	72,271
Paint, adhesive, and other chemical	32592	113,118	63,149	49,968
Plastics and rubber products	32600	162,401	118,523	43,878
Clay and glass products	32710	36,417	24,394	12,023
Cement, concrete, lime, gypsum, and other nonmetallic mineral product	32790	48,680	43,373	5,307
Iron and steel mills, ferroalloy, and steel product from purchased steel	33110	114,650	95,255	19,395
Nonferrous metals production and processing	33130	90,024	59,752	30,272
Ferrous and nonferrous foundries	33150	12,429	11,137	1,292
Fabricated metal products	33200	188,359	142,788	45,571
Farm machinery and equipment	33311	48,185	27,543	20,642
Construction machinery	33312	32,109	18,228	13,881
Mining machinery and equipment	33313	75,046	40,859	34,186
Oil and gas field machinery and equipment	33314	D	7,554	D
Semiconductor machinery	33321	20,019	9,091	10,928
Industrial machinery, except semiconductor machinery	33322	26,984	19,452	7,532
Commercial, service industry, temperature control, and air-flow control machinery	33330	59,029	44,128	14,901
Engine, turbine, and power transmission equipment	33360	86,660	58,560	28,100
Metalworking and other general purpose machinery	33390	90,067	54,007	36,061
Computers and peripheral equipment	33410	233,024	143,642	89,381
Telephone apparatus	33421	48,816	26,447	22,369
Radio and television broadcasting and wireless communications equipment	33422	76,167	46,641	29,526

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Communication equipment, except broadcasting, wireless, and telephone apparatus	33429	17,976	11,185	6,791
Audio and video equipment	33430	13,212	10,969	2,243
Semiconductor and other electronic components	33440	220,272	119,612	100,661
Electromedical, electrotherapeutic, and irradiation apparatus	33451	41,395	28,976	12,419
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	33452	38,474	33,348	5,126
Measuring and control instruments (not listed elsewhere)	33459	57,989	37,609	20,381
Manufacturing and reproducing magnetic and optical media	33460	D	4,375	D
Electrical equipment, appliances, and components	33500	154,206	106,551	47,654
Motor vehicles	33610	521,541	346,591	174,950
Motor vehicle body and trailer	33620	D	9,363	D
Motor vehicle parts	33630	163,993	97,433	66,559
Aircraft	33641	97,635	97,973	S
Aircraft engine and engine parts	33642	42,829	35,056	7,773
Other aircraft parts and auxiliary equipment	33643	30,319	21,141	9,178
Guided missile, space vehicle, and related parts	33644	D	38,114	D
Railroad rolling stock	33651	7,248	6,354	894
Ship and boat building	33660	16,461	14,880	1,581
Motorcycle, bicycle, and parts	33691	8,423	8,078	345
Military armored vehicle, tank, and tank components	33692	13,341	13,092	249
All other transportation equipment	33699	9,513	7,131	2,382
Furniture and related products	33700	43,401	36,218	7,183
Medical equipment and supplies	33910	164,066	105,647	58,419
Miscellaneous manufacturing (not listed elsewhere)	33990	122,669	80,689	41,981
Merchant wholesalers, durable goods	42300	412,269	238,101	174,168
Merchant wholesalers, nondurable goods	42400	340,956	274,190	66,765
Wholesale electronic markets and agents and brokers	42500	2,600	2,481	119
Motor vehicle and parts dealers	44100	20,755	15,052	5,703
Electronics and appliance stores	44300	D	D	0
Food and beverage stores	44500	705	705	0
Clothing and clothing accessories stores	44800	2,456	2,110	346
General merchandise stores	45200	82,745	82,245	500
Electronic shopping and mail-order houses	45410	D	3,365	D
Nonstore retailers, except electronic shopping and mail-order houses	45490	860	773	87
Retail trade stores, including gasoline stations (not listed elsewhere)	45990	D	22,283	D
Air transportation	48100	D	24,519	D
Rail transportation	48200	D	26,301	D
Water transportation	48300	D	1,165	D
Truck transportation	48400	16,231	15,654	577
Transit and ground passenger transportation	48500	116	116	0
Pipeline transportation of crude oil, refined petroleum, and miscellaneous products, except natural gas	48610	D	10,515	D
Pipeline transportation of natural gas	48620	D	9,662	D
Scenic and sightseeing transportation	48700	2,310	2,310	0
Support activities for transportation	48800	15,566	10,869	4,697
Couriers and messengers	49200	D	D	D
Warehousing and storage	49300	31,235	28,723	2,512
Newspaper, periodical, book, and directory publishers (except Internet)	51110	17,053	12,383	4,670
Software publishers (except Internet)	51120	210,186	121,028	89,158
Motion picture and sound recording (except Internet)	51200	16,774	10,053	6,721
Radio and television broadcasting (except Internet)	51510	16,039	13,087	2,952
Cable and other subscription programming (except Internet)	51520	17,938	14,428	3,510

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Internet publishing and broadcasting	51600	1,562	1,551	11
Wired telecommunications carriers	51710	D	99,917	D
Wireless telecommunications carriers (except satellite)	51720	135,248	134,162	1,085
Satellite telecommunications	51740	19,330	14,005	5,325
Cable and other program distribution	51750	D	73,506	D
Telecommunications services (not listed elsewhere)	51790	5,603	4,374	1,230
Internet service providers and Web search portals	51810	18,819	15,817	3,003
Data processing, hosting, and related services	51820	54,990	38,484	16,506
Information services (not listed elsewhere)	51900	22,362	13,803	8,560
Depository credit intermediation	52210	126,359 i	91,824 i	34,535
Nondepository credit intermediation	52220	159,542	130,102	29,440
Activities related to credit intermediation	52230	22,371 i	18,135	4,236
Securities, commodity contracts, and other financial investments and related activities	52300	64,517	46,863	17,654
Insurance carriers	52410	253,171	240,838	12,334
Agencies, brokerages, and other insurance-related activities	52420	7,633	6,366	1,267
Funds, trusts, and other financial vehicles	52500	D	D	D
Real estate	53100	D	6,053	D
Automotive equipment rental and leasing	53210	D	7,835	D
Consumer goods and general rental centers	53220	30,411	22,369	8,042
Commercial and industrial machinery and equipment rental and leasing	53240	15,496	10,164	5,332
Lessors of nonfinancial intangible assets	53300	D	D	D
Legal services	54110	92	92	0
Accounting, tax preparation, bookkeeping, and payroll services	54120	D	D	D
Architectural, engineering, and related services	54130	42,680	37,749	4,931
Specialized design services	54140	D	3,325	D
Computer systems design and related services	54150	210,916	124,832	86,084
Management, scientific, and technical consulting services	54160	52,497	33,588	18,909
Scientific R&D services	54170	27,137	22,604	4,533
Advertising and related services	54180	D	14,574	D
Professional, scientific, and technical services (not listed elsewhere)	54190	19,146	15,690	3,456
Management of companies and enterprises	55100	828	752	76
Business support services	56140	1,904	375	1,529
Travel arrangement and reservation services	56150	4,004	2,862	1,142
Investigation, security, and services to buildings and dwellings	56160	6,588	4,171	2,417
Office administrative, facilities, employment, and other support services	56190	33,324	30,612	2,712
Waste collection, treatment, and disposal	56210	2,445	2,445	0
Remediation and other waste management services	56290	D	11,451	D
Educational services	61100	2,547	2,421	126
Offices of physicians	62110	7,492	7,492	0
Offices of dentists and other health practitioners	62120	956	956 i	0
Medical and diagnostic laboratories	62150	20,968	19,930	1,037
Home health care services	62160	65	65	0
Outpatient care centers and other ambulatory health care services	62190	601	597	4
General medical and surgical hospitals	62210	2,451	2,451	0
Psychiatric, substance abuse, and specialty hospitals	62220	153	153	0
Nursing and residential care facilities	62300	7,121	7,040	81
Social assistance (except child day care services)	62400	D	D	D
Child day care services	62440	453	453	0
Performing arts, spectator sports, and related industries	71100	1,025	1,025	0
Amusement, gambling, and recreation industries	71300	22,054	16,912	5,143
Traveler accommodation services	72100	170	170	0

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Food services and drinking places	72200	22,730	19,921	2,809
Automotive repair and maintenance	81110	4,749	4,730	19
Repair and maintenance, except automotive	81190	17,394	11,990	5,404
Personal care, death care, laundry, and other personal services	81200	D	1,065	D
Business, professional, labor, political, and similar organizations	81390	68	52	15
Less: intersegment eliminations	-	381,031	219,384	161,647
Undistributed	-	1,092,275	756,553	335,723

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

^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 2002 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, 2008.