

TABLE 9. Worldwide, domestic, and foreign sales for companies located in the United States that performed or funded R&D, by business activity: 2012
(Millions of U.S. dollars)

Business activity ^a	Business code ^o	Sales		
		Worldwide	Domestic	Foreign
All business activities	21100-81000	12,932,098	9,233,431	3,698,667
Oil and gas extraction	21100	271,983	124,568	147,415
Mining	21200	43,857	24,837	19,020
Support activities for mining, including oil and gas	21300	78,875	50,433	28,442
Utilities	22100	318,893	309,573	9,320
Construction	23000	107,903	64,619	43,284
Food manufacturing	31100	673,127	491,014	182,113
Beverage manufacturing	31210	167,003	83,774	83,229
Tobacco manufacturing	31220	130,759	27,706	103,052
Textile, apparel, and leather products manufacturing	31990	89,198	68,656	20,542
Wood products manufacturing	32100	34,362	30,219	4,144
Paper manufacturing	32200	142,335	101,033	41,303
Printing and related support activities	32300	32,152	26,267	5,885
Petroleum refineries	32401	911,809	578,100	333,710
Asphalt paving, roofing, and saturated materials manufacturing	32402	8,563	8,489	74 i
Other petroleum and coal products manufacturing, including motor oil, hydraulic fluid, and charcoal	32403	D	20,440	D
Basic chemicals manufacturing	32510	479,926 i	346,969 i	132,957
Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	32520	94,645	67,105	27,541
Pesticide, fertilizer, and other agricultural chemical manufacturing	32530	57,246	40,317	16,929
Pharmaceutical, medicinal, botanical, and biological products (except diagnostic) manufacturing	32541	593,940	428,103	165,837
In vitro diagnostic substances manufacturing	32542	26,810	14,505	12,305
Soap, cleaning compound, and toilet preparations manufacturing	32591	166,942	82,518	84,424
Paint, adhesive, and other chemical manufacturing	32592	128,539	79,204	49,335
Plastics and rubber products manufacturing	32600	264,629	193,952	70,676
Clay and glass products manufacturing	32710	36,960	23,959	13,001
Cement, concrete, lime, gypsum, and other nonmetallic mineral product manufacturing	32790	40,200	33,366	6,833
Primary metal manufacturing	33100	176,424	153,806	22,619
Fabricated metal products manufacturing	33200	206,902	156,508 i	50,394
Agricultural machinery and equipment manufacturing	33311	59,651	35,667	23,984
Construction machinery manufacturing	33312	43,355	31,853	11,502
Mining, oil, and gas field machinery and equipment manufacturing	33319	110,232	60,432	49,800
Semiconductor machinery manufacturing	33321	18,408	11,316 i	7,092 i
Industrial machinery manufacturing, except semiconductor machinery	33322	40,779	29,157	11,622
Photographic and photocopying equipment manufacturing	33331	168 i	D	D
Commercial, service industry, temperature control, and air-flow control machinery manufacturing	33332	79,524	48,453	31,071
Engine, turbine, and power transmission equipment manufacturing	33360	119,813	73,845	45,968
Metalworking and other general-purpose machinery manufacturing	33390	113,262	77,115	36,147
Computers and peripheral equipment manufacturing and magnetic and optical media	33412	304,133	143,419	160,715
Telephone apparatus manufacturing, including routers, modems, and gateways	33421	64,652	34,783	29,869
Radio, television, and wireless communication equipment manufacturing	33422	139,666	84,943	54,723
Other communication equipment manufacturing, except radio, television, and wireless communication equipment	33429	15,949	13,859	2,090
Audio and video equipment manufacturing	33430	17,529	14,235	3,294
Semiconductor and other electronic components manufacturing	33440	322,817	144,053	178,764
Electromedical, electrotherapeutic, and irradiation apparatus manufacturing	33451	39,530	27,544	11,985
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments manufacturing	33452	63,597	53,297	10,300
Measuring and control instruments manufacturing (not listed elsewhere)	33459	100,161	59,026	41,135
Electrical equipment, appliances, and components manufacturing	33500	167,087	110,595	56,492
Motor vehicles manufacturing	33610	541,730	375,113	166,616
Motor vehicle body and trailer manufacturing	33620	34,284	31,982	2,302

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Motor vehicle parts manufacturing	33630	228,530	130,484	98,046
Aircraft manufacturing	33641	97,357 i	91,418 i	5,939
Aircraft engine and engine parts manufacturing	33642	40,369	26,699	13,670
Other aircraft parts and auxiliary equipment manufacturing	33643	42,246	32,322	9,924
Guided missiles, space vehicles, and parts manufacturing	33644	16,554	14,655	1,899
Railroad rolling stock manufacturing	33651	14,255	11,800	2,455
Ship and boat building	33660	23,966 i	22,778 i	1,188 i
Motorcycle, bicycle, and parts manufacturing	33691	7,829	7,067	762
Military armored vehicle, tank, and tank component manufacturing	33692	4,893	4,668	224
All other transportation equipment manufacturing	33699	18,137	15,938	2,199
Furniture and related products manufacturing	33700	42,265	35,993 i	6,272
Medical equipment and supplies manufacturing	33910	217,343	136,559	80,784
Miscellaneous manufacturing (not listed elsewhere: games, office supplies, slot machines, etc.)	33990	118,889	81,094	37,795
Merchant wholesalers, durable goods	42300	242,989	217,785	25,204
Merchant wholesalers, nondurable goods	42400	586,941	349,755	237,186
Wholesale electronic markets and agents and brokers (business to business)	42500	115,452 i	65,076 i	50,376 i
Retail trade, except electronic shopping and electronic auctions	44000	257,466	214,728 i	42,738
Electronic shopping and electronic auctions	45411	88,213	53,712	34,500
Transportation	48000	139,615	107,212	32,403
Couriers, messengers, and express delivery services	49200	D	D	0
Warehousing and storage	49300	3,722	2,896	826
Newspaper, periodical, book, and directory publishers (except Internet)	51110	33,991 i	26,984 i	7,008 i
Software publishers (except Internet)	51120	237,114	136,634	100,480
Motion picture and sound recording (except Internet)	51200	9,467	7,281 i	2,185
Broadcasting (except Internet)	51500	67,429	59,926	7,504 i
Wired telecommunications carriers	51710	224,163	217,070	7,092
Wireless telecommunications carriers (except satellite)	51720	193,408	193,254	154 i
Satellite telecommunications	51740	2,605	2,371	234
Other telecommunications (not listed elsewhere)	51790	17,803 i	14,610	3,193 i
Data processing, hosting, and related services	51800	99,249 i	85,348 i	13,900
Other information services, including Internet publishing, broadcasting, and Web search portals	51910	45,319	28,350	16,969
Finance: banking and credit intermediation	52200	673,238 i	631,902 i	41,335
Securities, commodity contracts, and other financial investments and related activities (including funds and trusts)	52310	104,915	88,244	16,671
Insurance carriers and related activities	52400	358,159	349,252	8,907
Real estate	53100	D	8,068	D
Rental and leasing services	53200	29,033	21,801	7,232
Lessors of nonfinancial intangible assets (including patent licensing)	53300	2,890	2,125	764
Legal, accounting, tax preparation, bookkeeping, and payroll services	54111	11,315	9,093	2,222
Architectural, engineering, and related services	54130	114,955 i	95,582 i	19,373
Specialized design services	54140	3,646 i	3,301 i	345
Computer systems design and related services	54150	269,969	166,689	103,280
Management, scientific, and technical consulting services	54160	85,161	57,925	27,236
Research and development services in social sciences and humanities	54172	D	934	D
Research and development services in biotechnology	54173	11,291	9,741	1,550
Research and development services in physical, engineering, and life sciences (except biotechnology)	54174	32,432	26,863	5,569
Advertising and related services	54180	52,764	27,500	25,263
Professional, scientific, and technical services (not listed elsewhere)	54190	62,814	53,529	9,285
Management of companies and enterprises	55100	5,435	4,131	1,304
Administrative and support services	56100	50,620 i	38,809 i	11,810
Waste management and remediation services	56200	6,564	6,080	484
Offices of physicians	62110	35,513	35,513	0
Medical and diagnostic laboratories	62150	21,038	19,655	1,383

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Other ambulatory health care services (ambulance, dental, home health care)	62199	3,631 i	3,605 i	27
Hospitals and nursing care facilities	62200	D	870 i	D
Social assistance services	62400	249	249	0
Arts, entertainment, and recreation	71000	18,344	15,248	3,096
Accommodation and food services	72000	88,878 i	54,266 i	34,612
Other services (not listed elsewhere)	81000	55,905	43,116	12,789
Less: intersegment eliminations	-	309,281 S	136,572 S	172,709 S
Undistributed	-	169,592 i	110,502 i	59,090 i

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

NAICS = 2007 North American Industry Classification System.

^a Data are tabulated independent of the industry classification of the company. Companies were asked to report their sales and R&D activity in one or more business activity codes.

^b Business codes and descriptions are based on 2007 NAICS industry definitions.

NOTES: Domestic sales are the amount of sales that originated from domestic operations. Foreign sales are the amount of sales that originated from foreign operations. Detail may not add to total because of rounding. Statistics are representative of companies located in the 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, 2012.