

TABLE 9. Worldwide, domestic, and foreign sales for companies located in the United States that performed or funded R&D, by business activity: 2014
(Millions of U.S. dollars)

Business activity ^a	Business code ^b	Sales		
		Worldwide	Domestic	Foreign
All business activities	21100–81000	13,367,485	9,754,470	3,613,015
Oil and gas extraction	21100	247,194	135,668	111,527
Mining	21200	D	22,961	D
Support activities for mining, including oil and gas	21300	133,556	100,872	32,684
Utilities	22100	334,148	325,919	8,229
Construction	23000	91,502	66,830	24,672
Food manufacturing	31100	842,747	611,375	231,372
Beverage manufacturing	31210	166,875	109,728	57,147
Tobacco manufacturing	31220	D	36,177	D
Textile, apparel, and leather products manufacturing	31990	66,546	51,532	15,014
Wood products manufacturing	32100	51,908	44,736	7,172
Paper manufacturing	32200	148,802	106,183	42,619
Printing and related support activities	32300	34,198	29,149	5,049
Petroleum refineries	32401	787,825	521,504	266,321
Asphalt paving, roofing, and saturated materials manufacturing	32402	11,086	8,873	2,213
Other petroleum and coal products manufacturing, including motor oil, hydraulic fluid, and charcoal	32403	22,350	12,854	9,496
Basic chemicals manufacturing	32510	265,004	190,065	74,938
Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	32520	108,869	72,448	36,421
Pesticide, fertilizer, and other agricultural chemical manufacturing	32530	68,809	55,191	13,618
Pharmaceutical, medicinal, botanical, and biological products (except diagnostic) manufacturing	32541	572,234	416,415	155,819
In vitro diagnostic substances manufacturing	32542	25,420	14,044	11,376
Biotechnology-based pharmaceutical and biological products (except diagnostics)	32543	56,469	48,447	8,022
Soap, cleaning compound, and toilet preparations manufacturing	32591	197,090	101,484	95,606
Paint, adhesive, and other chemical manufacturing	32592	124,752	71,310	53,442
Plastics and rubber products manufacturing	32600	234,347	159,627	74,720
Clay and glass products manufacturing	32710	34,867	21,580	13,287
Cement, concrete, lime, gypsum, and other nonmetallic mineral products manufacturing	32790	35,322	25,941	9,381
Primary metal manufacturing	33100	126,883	102,773	24,110
Fabricated metal products manufacturing	33200	233,548	167,565	65,983
Agricultural machinery and equipment manufacturing	33311	63,420	36,659	26,760
Construction machinery manufacturing	33312	64,246	40,201	24,045
Mining, oil, and gas field machinery and equipment manufacturing	33319	72,384	39,519	32,865
Semiconductor machinery manufacturing	33321	27,334	11,068	16,266
Industrial machinery manufacturing (except semiconductor machinery)	33322	53,940	37,388	16,552
Photographic and photocopying equipment manufacturing	33331	9,176	7,258	1,919
Commercial, service industry, temperature control, and air-flow control machinery manufacturing	33332	111,813	71,725	40,088
Digital cameras manufacturing	33333	14	14	0
Engine, turbine, and power transmission equipment manufacturing	33360	D	45,129	D
Metalworking and other general purpose machinery manufacturing	33390	149,833	98,386	51,447
Computers and peripheral equipment manufacturing and magnetic and optical media ^c	33412	297,051	165,511	131,540
Telephone apparatus manufacturing, including routers, modems, and gateways	33421	72,421	40,004	32,417
Radio, television, and wireless communication equipment manufacturing	33422	168,789 i	94,343 i	74,446 i

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Other communication equipment manufacturing (except radio, television, and wireless communication equipment)	33429	14,546	12,800	1,747
Audio and video equipment manufacturing	33430	18,326	13,155	5,171
Semiconductor and other electronic components manufacturing	33440	367,272	163,596	203,677
Electromedical, electrotherapeutic, and irradiation apparatus manufacturing	33451	42,868	28,526	14,342 i
Search, detection, navigation, guidance, aeronautical, and nautical systems and instruments manufacturing	33452	67,096	55,085	12,010
Measuring and control instruments manufacturing (not listed elsewhere)	33459	103,084	55,741	47,343
Electrical equipment, appliances, and components manufacturing	33500	229,800	152,540	77,261
Motor vehicles manufacturing	33610	539,141	385,648	153,492
Motor vehicle body and trailer manufacturing	33620	32,719	32,146	573
Motor vehicle parts manufacturing	33630	377,060	242,518	134,542
Aircraft manufacturing	33641	139,328	131,907	7,420
Aircraft engine and engine parts manufacturing	33642	47,951	40,889	7,062 i
Other aircraft parts and auxiliary equipment manufacturing	33643	84,623	68,251	16,372
Guided missiles, space vehicles, and related parts manufacturing	33644	30,198	27,833	2,366
Railroad rolling stock manufacturing	33651	19,682	16,118	3,564 i
Ship and boat building	33660	39,048	32,077 i	6,971 i
Motorcycle, bicycle, and parts manufacturing	33691	9,143	7,778	1,365
Military armored vehicle, tank, and tank components manufacturing	33692	7,493	4,885	2,608
All other transportation equipment manufacturing	33699	11,879	D	D
Furniture and related products manufacturing	33700	45,123	39,276	5,846
Medical equipment and supplies manufacturing	33910	234,181	155,880	78,301
Miscellaneous manufacturing not listed elsewhere (games, office supplies, slot machines, etc.)	33990	132,880	88,980	43,900
Merchant wholesalers, durable goods	42300	180,968	162,411	18,557
Merchant wholesalers, nondurable goods	42400	700,636	460,431	240,204
Wholesale electronic markets and agents and brokers (business to business)	42500	55,220	54,947	273
Retail trade (except electronic shopping and electronic auctions)	44000	444,690	402,347	42,343
Electronic shopping and electronic auctions	45411	D	43,787 i	D
Transportation	48000	115,753	110,063	5,690
Couriers, messengers, and express delivery services	49200	170,934	123,456	47,478
Warehousing and storage	49300	2,586	1,972	615
Newspaper, periodical, book, and directory publishers (except Internet)	51110	10,520	8,480	2,040
Software publishers (except Internet)	51120	272,941	160,163	112,778
Motion picture and sound recording (except Internet)	51200	D	D	D
Broadcasting (except Internet)	51500	D	59,598	D
Wired telecommunications carriers	51710	229,791	226,939	2,852
Wireless telecommunications carriers (except satellite)	51720	243,545	243,500	45
Satellite telecommunications	51740	3,581	3,518	63
Other telecommunications (not listed elsewhere)	51790	6,507	5,973	534
Data processing, hosting, and related services	51800	82,955	68,510	14,445
Cloud computing applications and Internet-based software services	51801	D	26,460	D
Other information services, including Internet publishing, broadcasting, and Web search portals	51910	102,819	57,965	44,855 i
Finance: banking and credit intermediation	52200	364,173	317,095	47,078
Securities, commodity contracts, and other financial investments and related activities, including funds and trusts	52310	73,979	54,301	19,678
Insurance carriers and related activities	52400	380,105	347,700	32,405 i

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Real estate	53100	D	10,123	D
Rental and leasing services	53200	21,955	15,314	6,642
Lessors of nonfinancial intangible assets, including patent licensing	53300	2,125	1,989	137
Legal, accounting, tax preparation, bookkeeping, and payroll services	54111	22,316	18,500 i	3,816 i
Architectural, engineering, and related services	54130	134,606	85,598	49,008
Specialized design services	54140	2,165	1,487	678
Computer systems design and related services	54150	270,896	167,272	103,624
Management, scientific, and technical consulting services	54160	93,064	84,818	8,245
R&D services in social sciences and humanities	54172	992	969	22
R&D services in biotechnology	54173	17,705	16,034	1,671
R&D services in physical, engineering, and life sciences (except biotechnology)	54174	32,722	27,407	5,314
Advertising and related services	54180	D	34,380	D
Professional, scientific, and technical services (not listed elsewhere)	54190	32,733	24,730	8,003
Management of companies and enterprises	55100	9,141	8,458	683
Administrative and support services	56100	243,632	214,328	29,304
Waste management and remediation services	56200	4,766	4,152	614
Offices of physicians	62110	19,041	19,041	0
Medical and diagnostic laboratories	62150	5,919	5,024	895
Other ambulatory health care services (ambulance, dental, home health care)	62199	5,274	5,274	0
Hospitals and nursing care facilities	62200	26,866	26,866	0
Social assistance services	62400	1,338	1,336	2
Arts, entertainment, and recreation	71000	D	12,903	D
Accommodation and food services	72000	46,228	31,664	14,564
Other services (not listed elsewhere)	81000	78,366	60,946	17,421
Less: intersegment eliminations	-	328,436	159,838	168,598
Undistributed	-	4,602	1,945	2,657

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.

NAICS = 2012 North American Industry Classification System.

^a Data 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 NAICS industry definitions.

^c Estimates for this business code may not be comparable to those from prior years due to the introduction of a related business code for survey year 2014: 33333, Digital cameras manufacturing.

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. For companies that did not report business codes, the classification used for sampling was assigned.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2014.