

TABLE 19

Product innovation in companies, by industry: 2015–17

(Number and percent)

Industry	NAICS code	Companies (number)	Product innovation			
			Number		Percent	
			Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	4,603,606	821,671	3,781,935	17.8	82.2
Manufacturing industries	31–33	220,930	62,446	158,484	28.3	71.7
Food	311	18,180	5,891	12,289	32.4	67.6
Beverage and tobacco products	312	6,724	3,228	3,496	48.0	52.0
Textile, apparel, and leather products	313–16	10,569	2,800	7,769	26.5	73.5
Wood products	321	10,850	2,016	8,835	18.6	81.4
Paper	322	2,276	618	1,658	27.2	72.8
Printing and related support activities	323	21,903	4,932	16,971	22.5	77.5
Petroleum and coal products	324	624	167	457	26.7	73.3
Chemicals	325	7,910	3,290	4,620	41.6	58.4
Pesticide, fertilizer, and other agricultural chemicals	3253	542	196	346	36.2	63.8
Pharmaceuticals and medicines	3254	1,412	591	822	41.8	58.2
Soap, cleaning compound, and toilet preparation	3256	1,615	744	871	46.1	53.9
Other chemicals	other 325	4,341	1,759	2,582	40.5	59.5
Plastics and rubber products	326	8,412	2,639	5,774	31.4	68.6
Nonmetallic mineral products	327	8,021	1,666	6,355	20.8	79.2
Primary metals	331	2,679	577	2,102	21.5	78.5
Fabricated metal products	332	47,340	9,316	38,024	19.7	80.3
Machinery	333	18,792	6,330	12,463	33.7	66.3
Computer and electronic products	334	9,566	4,571	4,995	47.8	52.2
Communications equipment	3342	916	510	406	55.7	44.3
Semiconductor and other electronic components	3344	3,214	1,178	2,036	36.7	63.3
Navigational, measuring, electromedical, and control instruments	3345	3,958	2,101	1,857	53.1	46.9
Other computer and electronic products	other 334	1,478	782	696	52.9	47.1
Electrical equipment, appliances, and components	335	4,223	1,714	2,509	40.6	59.4
Transportation equipment	336	8,039	2,851	5,188	35.5	64.5
Automobiles, bodies, trailers, and parts	3361–63	5,018	1,793	3,225	35.7	64.3
Aerospace products and parts	3364	1,109	348	761	31.4	68.6
Other transportation	other 336	1,912	710	1,202	37.1	62.9
Furniture and related products	337	12,430	2,767	9,663	22.3	77.7
Miscellaneous	339	22,315	7,060	15,256	31.6	68.4
Medical equipment and supplies	3391	8,202	2,432	5,770	29.7	70.3
Other miscellaneous manufacturing	3399	14,113	4,627	9,486	32.8	67.2
Nonmanufacturing industries	11, 21–23, 42–81	4,382,677	759,225	3,623,452	17.3	82.7
Agriculture, forestry, fishing, and hunting	11	21,054	1,883	19,171	8.9	91.1
Mining, extraction, and support activities	21	15,546	1,119	14,427	7.2	92.8
Utilities	22	2,534	287	2,247	11.3	88.7
Construction	23	607,403	64,453	542,950	10.6	89.4
Wholesale trade	42	252,134	63,426	188,708	25.2	74.8
Retail trade	44–45	545,440	114,735	430,705	21.0	79.0
Transportation and warehousing	48–49	144,404	13,973	130,431	9.7	90.3
Information	51	56,053	20,395	35,658	36.4	63.6
Publishing	511	17,031	7,062	9,969	41.5	58.5
Newspaper, periodical, book, and directory publishers	5111	9,593	2,653	6,940	27.7	72.3
Software publishers	5112	7,438	4,410	3,028	59.3	40.7
Telecommunications	517	6,045	2,007	4,038	33.2	66.8
Data processing, hosting, and related services	518	8,414	3,997	4,417	47.5	52.5
Other information	other 51	24,563	7,328	17,235	29.8	70.2

TABLE 19

Product innovation in companies, by industry: 2015–17

(Number and percent)

Industry	NAICS code	Companies (number)	Product innovation			
			Number		Percent	
			Yes	No	Yes	No
Finance and insurance	52	192,345	38,092	154,253	19.8	80.2
Real estate and rental and leasing	53	229,923	24,163	205,760	10.5	89.5
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,701	355	1,346	20.9	79.1
Other real estate and rental and leasing	other 53	228,222	23,808	204,414	10.4	89.6
Professional, scientific, and technical services	54	639,985	137,653	502,332	21.5	78.5
Legal services	5411	146,441	14,014	132,427	9.6	90.4
Accounting, tax preparation, bookkeeping, and payroll services	5412	99,782	11,155	88,627	11.2	88.8
Architectural, engineering, and related services	5413	83,492	19,119	64,372	22.9	77.1
Specialized design services	5414	25,140	6,347	18,794	25.2	74.8
Computer systems design and related services	5415	90,056	32,559	57,497	36.2	63.8
Management, scientific, and technical consulting services	5416	109,247	31,006	78,241	28.4	71.6
Scientific research and development services	5417	9,293	3,323	5,970	35.8	64.2
Advertising, public relations, and related services	5418	25,626	6,518	19,108	25.4	74.6
Other professional, scientific, and technical services	5419	50,907	13,610	37,297	26.7	73.3
Management of companies and enterprises	55	2,276	229	2,047	10.1	89.9
Administrative and support and waste management and remediation services	56	266,751	41,914	224,837	15.7	84.3
Educational services	61	51,288	16,968	34,320	33.1	66.9
Health care and social assistance	62	509,529	93,660	415,870	18.4	81.6
Health care services	621–23	447,069	82,181	364,887	18.4	81.6
Social assistance	624	62,461	11,479	50,982	18.4	81.6
Arts, entertainment, and recreation	71	74,256	16,684	57,572	22.5	77.5
Accommodation and food services	72	441,426	58,621	382,804	13.3	86.7
Other services	81	330,331	50,971	279,359	15.4	84.6

NAICS = 2017 North American Industry Classification System.

Note(s):

Detail may not add to total because of rounding. Industry classification is based on the dominant establishment payroll. Statistics are representative of companies located in the United States.

Source(s):

National Center for Science and Engineering Statistics and U.S. Census Bureau, Annual Business Survey, 2017.