

TABLE 68

Companies with incomplete but ongoing innovation activity, by industry: 2017

(Number and percent)

Industry	NAICS code	Companies (number)	Incomplete but ongoing innovation activity			
			Number		Percent	
			Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	4,603,606	658,141	3,945,465	14.3	85.7
Manufacturing industries	31–33	220,930	55,676	165,253	25.2	74.8
Food	311	18,180	4,414	13,766	24.3	75.7
Beverage and tobacco products	312	6,724	2,142	4,582	31.9	68.1
Textile, apparel, and leather products	313–16	10,569	2,474	8,095	23.4	76.6
Wood products	321	10,850	1,701	9,150	15.7	84.3
Paper	322	2,276	647	1,629	28.4	71.6
Printing and related support activities	323	21,903	4,118	17,785	18.8	81.2
Petroleum and coal products	324	624	147	477	23.6	76.4
Chemicals	325	7,910	3,105	4,805	39.2	60.8
Pesticide, fertilizer, and other agricultural chemicals	3253	542	142	400	26.2	73.8
Pharmaceuticals and medicines	3254	1,412	652	760	46.2	53.8
Soap, cleaning compound, and toilet preparation	3256	1,615	650	965	40.3	59.7
Other chemicals	other 325	4,341	1,661	2,680	38.3	61.7
Plastics and rubber products	326	8,412	2,751	5,662	32.7	67.3
Nonmetallic mineral products	327	8,021	1,596	6,425	19.9	80.1
Primary metals	331	2,679	718	1,961	26.8	73.2
Fabricated metal products	332	47,340	9,335	38,006	19.7	80.3
Machinery	333	18,792	5,982	12,810	31.8	68.2
Computer and electronic products	334	9,566	4,366	5,200	45.6	54.4
Communications equipment	3342	916	419	497	45.7	54.3
Semiconductor and other electronic components	3344	3,214	1,244	1,970	38.7	61.3
Navigational, measuring, electromedical, and control instruments	3345	3,958	2,047	1,911	51.7	48.3
Other computer and electronic products	other 334	1,478	656	822	44.4	55.6
Electrical equipment, appliances, and components	335	4,223	1,570	2,653	37.2	62.8
Transportation equipment	336	8,039	2,615	5,424	32.5	67.5
Automobiles, bodies, trailers, and parts	3361–63	5,018	1,604	3,414	32.0	68.0
Aerospace products and parts	3364	1,109	376	733	33.9	66.1
Other transportation	other 336	1,912	634	1,278	33.2	66.8
Furniture and related products	337	12,430	2,194	10,236	17.7	82.3
Miscellaneous	339	22,315	5,787	16,528	25.9	74.1
Medical equipment and supplies	3391	8,202	1,980	6,222	24.1	75.9
Other miscellaneous manufacturing	3399	14,113	3,807	10,306	27.0	73.0
Nonmanufacturing industries	11, 21–23, 42–81	4,382,677	602,465	3,780,212	13.7	86.3
Agriculture, forestry, fishing, and hunting	11	21,054	2,315	18,739	11.0	89.0
Mining, extraction, and support activities	21	15,546	1,465	14,081	9.4	90.6
Utilities	22	2,534	300	2,234	11.9	88.1
Construction	23	607,403	55,254	552,149	9.1	90.9
Wholesale trade	42	252,134	46,984	205,150	18.6	81.4
Retail trade	44–45	545,440	66,731	478,709	12.2	87.8
Transportation and warehousing	48–49	144,404	17,659	126,745	12.2	87.8
Information	51	56,053	16,927	39,126	30.2	69.8
Publishing	511	17,031	5,944	11,087	34.9	65.1
Newspaper, periodical, book, and directory publishers	5111	9,593	1,937	7,657	20.2	79.8
Software publishers	5112	7,438	4,008	3,430	53.9	46.1
Telecommunications	517	6,045	1,472	4,573	24.3	75.7
Data processing, hosting, and related services	518	8,414	3,526	4,888	41.9	58.1

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Other information	other 51	24,563	5,985	18,578	24.4	75.6
Finance and insurance	52	192,345	28,031	164,314	14.6	85.4
Real estate and rental and leasing	53	229,923	26,133	203,790	11.4	88.6
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,701	351	1,350	20.6	79.4
Other real estate and rental and leasing	other 53	228,222	25,782	202,440	11.3	88.7
Professional, scientific, and technical services	54	639,985	117,705	522,280	18.4	81.6
Legal services	5411	146,441	14,462	131,979	9.9	90.1
Accounting, tax preparation, bookkeeping, and payroll services	5412	99,782	12,692	87,089	12.7	87.3
Architectural, engineering, and related services	5413	83,492	18,463	65,029	22.1	77.9
Specialized design services	5414	25,140	4,679	20,462	18.6	81.4
Computer systems design and related services	5415	90,056	28,165	61,891	31.3	68.7
Management, scientific, and technical consulting services	5416	109,247	23,350	85,897	21.4	78.6
Scientific research and development services	5417	9,293	3,692	5,601	39.7	60.3
Advertising, public relations, and related services	5418	25,626	4,483	21,143	17.5	82.5
Other professional, scientific, and technical services	5419	50,907	7,719	43,188	15.2	84.8
Management of companies and enterprises	55	2,276	215	2,061	9.4	90.6
Administrative and support and waste management and remediation services	56	266,751	35,640	231,111	13.4	86.6
Educational services	61	51,288	10,851	40,437	21.2	78.8
Health care and social assistance	62	509,529	69,276	440,253	13.6	86.4
Health care services	621-23	447,069	59,871	387,198	13.4	86.6
Social assistance	624	62,461	9,405	53,055	15.1	84.9
Arts, entertainment, and recreation	71	74,256	11,472	62,784	15.4	84.6
Accommodation and food services	72	441,426	55,424	386,002	12.6	87.4
Other services	81	330,331	40,084	290,247	12.1	87.9

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.