

TABLE 77

Product or process innovation in companies with public support, by industry: 2015–17

(Number and percent)

Industry	NAICS code	Companies (number)	Public support			
			Number		Percent	
			Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	1,218,460	38,829	1,179,632	3.2	96.8
Manufacturing industries	31–33	99,847	6,951	92,896	7.0	93.0
Food	311	8,303	610	7,693	7.3	92.7
Beverage and tobacco products	312	4,037	397	3,641	9.8	90.2
Textile, apparel, and leather products	313–16	4,237	154	4,083	3.6	96.4
Wood products	321	3,903	160	3,743	4.1	95.9
Paper	322	1,063	93	971	8.7	91.3
Printing and related support activities	323	8,673	260	8,413	3.0	97.0
Petroleum and coal products	324	254	18	236	7.0	93.0
Chemicals	325	4,361	404	3,957	9.3	90.7
Pesticide, fertilizer, and other agricultural chemicals	3253	267	14	253	5.2	94.8
Pharmaceuticals and medicines	3254	800	94	706	11.8	88.2
Soap, cleaning compound, and toilet preparation	3256	936	43	893	4.6	95.4
Other chemicals	other 325	2,358	253	2,105	10.7	89.3
Plastics and rubber products	326	4,141	465	3,676	11.2	88.8
Nonmetallic mineral products	327	2,984	199	2,785	6.7	93.3
Primary metals	331	1,177	109	1,069	9.2	90.8
Fabricated metal products	332	19,460	1,116	18,345	5.7	94.3
Machinery	333	9,521	1,032	8,488	10.8	89.2
Computer and electronic products	334	5,849	724	5,125	12.4	87.6
Communications equipment	3342	605	57	548	9.5	90.5
Semiconductor and other electronic components	3344	1,779	261	1,518	14.7	85.3
Navigational, measuring, electromedical, and control instruments	3345	2,528	350	2,178	13.8	86.2
Other computer and electronic products	other 334	937	56	881	6.0	94.0
Electrical equipment, appliances, and components	335	2,280	213	2,066	9.4	90.6
Transportation equipment	336	4,112	331	3,781	8.1	91.9
Automobiles, bodies, trailers, and parts	3361–63	2,617	250	2,367	9.6	90.4
Aerospace products and parts	3364	593	37	556	6.3	93.7
Other transportation	other 336	901	44	858	4.8	95.2
Furniture and related products	337	5,021	183	4,838	3.6	96.4
Miscellaneous	339	10,456	483	9,972	4.6	95.4
Medical equipment and supplies	3391	3,712	178	3,534	4.8	95.2
Other miscellaneous manufacturing	3399	6,743	305	6,438	4.5	95.5
Nonmanufacturing industries	11, 21–23, 42–81	1,118,613	31,878	1,086,735	2.8	97.2
Agriculture, forestry, fishing, and hunting	11	3,816	262	3,554	6.9	93.1
Mining, extraction, and support activities	21	2,375	49	2,326	2.1	97.9
Utilities	22	582	29	553	5.0	95.0
Construction	23	112,877	2,326	110,551	2.1	97.9
Wholesale trade	42	91,960	2,583	89,377	2.8	97.2
Retail trade	44–45	152,920	2,970	149,950	1.9	98.1
Transportation and warehousing	48–49	43,007	901	42,106	2.1	97.9
Information	51	24,979	1,450	23,529	5.8	94.2
Publishing	511	8,522	537	7,984	6.3	93.7
Newspaper, periodical, book, and directory publishers	5111	3,653	65	3,589	1.8	98.2
Software publishers	5112	4,868	473	4,396	9.7	90.3
Telecommunications	517	2,555	237	2,318	9.3	90.7
Data processing, hosting, and related services	518	4,716	362	4,354	7.7	92.3
Other information	other 51	9,187	314	8,873	3.4	96.6

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Finance and insurance	52	54,344	589	53,754	1.1	98.9
Real estate and rental and leasing	53	40,451	975	39,476	2.4	97.6
Lessors of nonfinancial intangible assets (except copyrighted works)	533	466	10 r	456	2.2 r	97.8
Other real estate and rental and leasing	other 53	39,985	965	39,020	2.4	97.6
Professional, scientific, and technical services	54	198,235	7,904	190,331	4.0	96.0
Legal services	5411	24,968	325	24,642	1.3	98.7
Accounting, tax preparation, bookkeeping, and payroll services	5412	24,284	263	24,021	1.1	98.9
Architectural, engineering, and related services	5413	26,410	1,777	24,634	6.7	93.3
Specialized design services	5414	8,363	177	8,187	2.1	97.9
Computer systems design and related services	5415	44,351	2,169	42,183	4.9	95.1
Management, scientific, and technical consulting services	5416	40,458	1,326	39,133	3.3	96.7
Scientific research and development services	5417	3,929	1,225	2,704	31.2	68.8
Advertising, public relations, and related services	5418	8,627	197	8,429	2.3	97.7
Other professional, scientific, and technical services	5419	16,843	445	16,397	2.6	97.4
Management of companies and enterprises	55	324	16 r	308	4.9 r	95.1
Administrative and support and waste management and remediation services	56	66,303	1,103	65,200	1.7	98.3
Educational services	61	20,079	793	19,287	3.9	96.1
Health care and social assistance	62	125,904	5,550	120,354	4.4	95.6
Health care services	621–23	111,310	3,524	107,785	3.2	96.8
Social assistance	624	14,595	2,026	12,569	13.9	86.1
Arts, entertainment, and recreation	71	20,632	540	20,093	2.6	97.4
Accommodation and food services	72	86,227	2,321	83,906	2.7	97.3
Other services	81	73,598	1,518	72,080	2.1	97.9

r = relative standard error > 50%.

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.