

TABLE 74

Companies with new-to-business product innovation, by industry: 2015–17

(Number and percent)

Industry	NAICS code	Companies (number)	Product innovation only new to the business			
			Number		Percent	
			Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	4,603,606	762,079	3,841,528	16.6	83.4
Manufacturing industries	31–33	220,930	52,223	168,706	23.6	76.4
Food	311	18,180	5,067	13,113	27.9	72.1
Beverage and tobacco products	312	6,724	2,907	3,817	43.2	56.8
Textile, apparel, and leather products	313–16	10,569	2,338	8,231	22.1	77.9
Wood products	321	10,850	1,731	9,119	16.0	84.0
Paper	322	2,276	482	1,794	21.2	78.8
Printing and related support activities	323	21,903	4,657	17,246	21.3	78.7
Petroleum and coal products	324	624	141	483	22.5	77.5
Chemicals	325	7,910	2,558	5,352	32.3	67.7
Pesticide, fertilizer, and other agricultural chemicals	3253	542	149	394	27.4	72.6
Pharmaceuticals and medicines	3254	1,412	458	955	32.4	67.6
Soap, cleaning compound, and toilet preparation	3256	1,615	598	1,017	37.0	63.0
Other chemicals	other 325	4,341	1,354	2,987	31.2	68.8
Plastics and rubber products	326	8,412	2,143	6,269	25.5	74.5
Nonmetallic mineral products	327	8,021	1,435	6,586	17.9	82.1
Primary metals	331	2,679	485	2,194	18.1	81.9
Fabricated metal products	332	47,340	8,377	38,963	17.7	82.3
Machinery	333	18,792	4,652	14,141	24.8	75.2
Computer and electronic products	334	9,566	3,359	6,207	35.1	64.9
Communications equipment	3342	916	393	523	42.9	57.1
Semiconductor and other electronic components	3344	3,214	953	2,261	29.7	70.3
Navigational, measuring, electromedical, and control instruments	3345	3,958	1,406	2,552	35.5	64.5
Other computer and electronic products	other 334	1,478	607	871	41.0	59.0
Electrical equipment, appliances, and components	335	4,223	1,276	2,947	30.2	69.8
Transportation equipment	336	8,039	2,116	5,923	26.3	73.7
Automobiles, bodies, trailers, and parts	3361–63	5,018	1,397	3,621	27.8	72.2
Aerospace products and parts	3364	1,109	212	897	19.1	80.9
Other transportation	other 336	1,912	508	1,405	26.5	73.5
Furniture and related products	337	12,430	2,440	9,989	19.6	80.4
Miscellaneous	339	22,315	6,059	16,257	27.2	72.8
Medical equipment and supplies	3391	8,202	2,288	5,914	27.9	72.1
Other miscellaneous manufacturing	3399	14,113	3,771	10,342	26.7	73.3
Nonmanufacturing industries	11, 21–23, 42–81	4,382,677	709,855	3,672,822	16.2	83.8
Agriculture, forestry, fishing, and hunting	11	21,054	1,797	19,257	8.5	91.5
Mining, extraction, and support activities	21	15,546	1,143	14,403	7.4	92.6
Utilities	22	2,534	270	2,264	10.7	89.3
Construction	23	607,403	66,234	541,168	10.9	89.1
Wholesale trade	42	252,134	55,399	196,735	22.0	78.0
Retail trade	44–45	545,440	106,145	439,294	19.5	80.5
Transportation and warehousing	48–49	144,404	14,377	130,027	10.0	90.0
Information	51	56,053	16,268	39,785	29.0	71.0
Publishing	511	17,031	5,091	11,941	29.9	70.1
Newspaper, periodical, book, and directory publishers	5111	9,593	1,981	7,612	20.7	79.3
Software publishers	5112	7,438	3,109	4,329	41.8	58.2
Telecommunications	517	6,045	1,673	4,372	27.7	72.3
Data processing, hosting, and related services	518	8,414	3,145	5,269	37.4	62.6

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Other information	other 51	24,563	6,359	18,204	25.9	74.1
Finance and insurance	52	192,345	34,687	157,658	18.0	82.0
Real estate and rental and leasing	53	229,923	23,024	206,899	10.0	90.0
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,701	287	1,413	16.9	83.1
Other real estate and rental and leasing	other 53	228,222	22,737	205,486	10.0	90.0
Professional, scientific, and technical services	54	639,985	122,362	517,622	19.1	80.9
Legal services	5411	146,441	13,744	132,697	9.4	90.6
Accounting, tax preparation, bookkeeping, and payroll services	5412	99,782	10,910	88,871	10.9	89.1
Architectural, engineering, and related services	5413	83,492	16,834	66,657	20.2	79.8
Specialized design services	5414	25,140	5,744	19,397	22.8	77.2
Computer systems design and related services	5415	90,056	27,853	62,202	30.9	69.1
Management, scientific, and technical consulting services	5416	109,247	26,640	82,607	24.4	75.6
Scientific research and development services	5417	9,293	2,134	7,159	23.0	77.0
Advertising, public relations, and related services	5418	25,626	5,921	19,704	23.1	76.9
Other professional, scientific, and technical services	5419	50,907	12,581	38,326	24.7	75.3
Management of companies and enterprises	55	2,276	200	2,076	8.8	91.2
Administrative and support and waste management and remediation services	56	266,751	40,432	226,318	15.2	84.8
Educational services	61	51,288	13,999	37,289	27.3	72.7
Health care and social assistance	62	509,529	89,703	419,827	17.6	82.4
Health care services	621–23	447,069	78,909	368,160	17.7	82.3
Social assistance	624	62,461	10,794	51,667	17.3	82.7
Arts, entertainment, and recreation	71	74,256	14,000	60,256	18.9	81.1
Accommodation and food services	72	441,426	60,107	381,319	13.6	86.4
Other services	81	330,331	49,707	280,624	15.0	85.0

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.