

**Table 1****Innovation incidence in companies, by industry and type of innovation: 2015–17**

(Number and percent)

Industry	NAICS code	Companies (number)	Any innovation (%)		Product innovation (%)		Process innovation (%)		Marketing innovation (%)		Organizational innovation (%)	
			Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	4,603,606	43.2	56.8	17.8	82.2	16.4	83.6	22.6	77.4	25.9	74.1
Manufacturing industries	31–33	220,930	57.9	42.1	28.3	71.7	34.3	65.7	30.6	69.4	32.8	67.2
Food	311	18,180	60.5	39.5	32.4	67.6	31.9	68.1	40.3	59.7	33.5	66.5
Beverage and tobacco products	312	6,724	74.5	25.5	48.0	52.0	38.2	61.8	58.9	41.1	41.9	58.1
Textile, apparel, and leather products	313–16	10,569	52.7	47.3	26.5	73.5	28.7	71.3	31.4	68.6	27.9	72.1
Wood products	321	10,850	49.4	50.6	18.6	81.4	29.4	70.6	23.5	76.5	27.7	72.3
Paper	322	2,276	61.9	38.1	27.2	72.8	36.5	63.5	37.7	62.3	35.7	64.3
Printing and related support activities	323	21,903	53.0	47.0	22.5	77.5	31.5	68.5	30.0	70.0	29.3	70.7
Petroleum and coal products	324	624	57.6	42.4	26.7	73.3	30.2	69.8	33.5	66.5	34.8	65.2
Chemicals	325	7,910	67.4	32.6	41.6	58.4	38.6	61.4	40.7	59.3	38.7	61.3
Pesticide, fertilizer, and other agricultural chemical	3253	542	62.4	37.6	36.2	63.8	31.3	68.7	37.4	62.6	31.9	68.1
Pharmaceuticals and medicines	3254	1,412	69.8	30.2	41.8	58.2	46.3	53.7	45.0	55.0	44.0	56.0
Soap, cleaning compound, and toilet preparation	3256	1,615	70.6	29.4	46.1	53.9	36.7	63.3	50.7	49.3	37.4	62.6
Other chemicals	other 325	4,341	66.1	33.9	40.5	59.5	37.7	62.3	35.9	64.1	38.2	61.8
Plastics and rubber products	326	8,412	61.3	38.7	31.4	68.6	38.9	61.1	32.6	67.4	36.5	63.5
Nonmetallic mineral products	327	8,021	51.0	49.0	20.8	79.2	29.8	70.2	26.8	73.2	27.2	72.8
Primary metals	331	2,679	55.9	44.1	21.5	78.5	36.2	63.8	24.4	75.6	34.8	65.2
Fabricated metal products	332	47,340	53.6	46.4	19.7	80.3	34.8	65.2	21.9	78.1	32.5	67.5
Machinery	333	18,792	61.6	38.4	33.7	66.3	37.5	62.5	30.5	69.5	34.6	65.4
Computer and electronic products	334	9,566	71.9	28.1	47.8	52.2	38.9	61.1	35.5	64.5	38.7	61.3
Communications equipment	3342	916	77.1	22.9	55.7	44.3	37.0	63.0	38.4	61.6	38.2	61.8
Semiconductor and other electronic components	3344	3,214	66.6	33.4	36.7	63.3	42.5	57.5	29.3	70.7	43.9	56.1
Navigational, measuring, electromedical, and control instruments	3345	3,958	73.9	26.1	53.1	46.9	37.8	62.2	39.4	60.6	37.0	63.0
Other computer and electronic products	other 334	1,478	75.0	25.0	52.9	47.1	35.4	64.6	37.0	63.0	32.0	68.0
Electrical equipment, appliances, and components	335	4,223	65.1	34.9	40.6	59.4	37.6	62.4	35.5	64.5	37.9	62.1
Transportation equipment	336	8,039	62.4	37.6	35.5	64.5	36.3	63.7	33.0	67.0	35.4	64.6
Automobiles, bodies, trailers, and parts	3361–63	5,018	63.7	36.3	35.7	64.3	38.5	61.5	35.7	64.3	37.1	62.9
Aerospace products and parts	3364	1,109	65.2	34.8	31.4	68.6	38.2	61.8	19.9	80.1	41.9	58.1
Other transportation	other 336	1,912	57.6	42.4	37.1	62.9	29.3	70.7	33.4	66.6	27.3	72.7
Furniture and related products	337	12,430	52.2	47.8	22.3	77.7	31.5	68.5	23.5	76.5	29.3	70.7
Miscellaneous	339	22,315	59.8	40.2	31.6	68.4	35.5	64.5	33.8	66.2	32.1	67.9
Medical equipment and supplies	3391	8,202	57.6	42.4	29.7	70.3	35.8	64.2	28.1	71.9	29.6	70.4
Other miscellaneous manufacturing	3399	14,113	61.1	38.9	32.8	67.2	35.4	64.6	37.0	63.0	33.5	66.5
Nonmanufacturing industries	11, 21–23, 42–81	4,382,677	42.5	57.5	17.3	82.7	15.4	84.6	22.2	77.8	25.6	74.4
Agriculture, forestry, fishing, and hunting	11	21,054	31.5	68.5	8.9	91.1	13.4	86.6	10.5	89.5	18.9	81.1
Mining, extraction, and support activities	21	15,546	26.0	74.0	7.2	92.8	11.5	88.5	8.2	91.8	15.9	84.1
Utilities	22	2,534	38.0	62.0	11.3	88.7	18.0	82.0	15.8	84.2	22.2	77.8
Construction	23	607,403	34.8	65.2	10.6	89.4	12.4	87.6	14.9	85.1	22.8	77.2

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Wholesale trade	42	252,134	50.3	49.7	25.2	74.8	23.4	76.6	27.6	72.4	26.7	73.3
Retail trade	44–45	545,440	44.9	55.1	21.0	79.0	14.9	85.1	27.8	72.2	23.3	76.7
Transportation and warehousing	48–49	144,404	43.0	57.0	9.7	90.3	26.8	73.2	13.8	86.2	24.3	75.7
Information	51	56,053	60.8	39.2	36.4	63.6	26.4	73.6	38.6	61.4	33.8	66.2
Publishing	511	17,031	66.0	34.0	41.5	58.5	28.9	71.1	43.6	56.4	36.6	63.4
Newspaper, periodical, book, and directory publishers	5111	9,593	56.3	43.7	27.7	72.3	22.9	77.1	39.0	61.0	28.6	71.4
Software publishers	5112	7,438	78.6	21.4	59.3	40.7	36.6	63.4	49.4	50.6	46.8	53.2
Telecommunications	517	6,045	58.7	41.3	33.2	66.8	28.0	72.0	33.4	66.6	33.3	66.7
Data processing, hosting, and related services	518	8,414	69.7	30.3	47.5	52.5	36.3	63.7	39.0	61.0	41.9	58.1
Other information	other 51	24,563	54.6	45.4	29.8	70.2	20.9	79.1	36.2	63.8	29.3	70.7
Finance and insurance	52	192,345	46.1	53.9	19.8	80.2	16.2	83.8	21.3	78.7	30.1	69.9
Real estate and rental and leasing	53	229,923	36.0	64.0	10.5	89.5	11.5	88.5	19.4	80.6	23.7	76.3
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,701	52.4	47.6	20.9	79.1	15.6	84.4	36.8	63.2	34.3	65.7
Other real estate and rental and leasing	other 53	228,222	35.9	64.1	10.4	89.6	11.5	88.5	19.3	80.7	23.6	76.4
Professional, scientific, and technical services	54	639,985	46.0	54.0	21.5	78.5	19.9	80.1	22.3	77.7	28.2	71.8
Legal services	5411	146,441	33.1	66.9	9.6	90.4	11.1	88.9	16.3	83.7	21.8	78.2
Accounting, tax preparation, bookkeeping, and payroll services	5412	99,782	36.5	63.5	11.2	88.8	19.6	80.4	12.8	87.2	22.0	78.0
Architectural, engineering, and related services	5413	83,492	47.3	52.7	22.9	77.1	19.7	80.3	23.0	77.0	29.9	70.1
Specialized design services	5414	25,140	55.8	44.2	25.2	74.8	18.9	81.1	40.4	59.6	28.9	71.1
Computer systems design and related services	5415	90,056	60.2	39.8	36.2	63.8	34.9	65.1	26.6	73.4	35.2	64.8
Management, scientific, and technical consulting services	5416	109,247	51.6	48.4	28.4	71.6	21.4	78.6	23.5	76.5	32.7	67.3
Scientific research and development services	5417	9,293	61.6	38.4	35.8	64.2	25.0	75.0	28.4	71.6	38.0	62.0
Advertising, public relations, and related services	5418	25,626	55.9	44.1	25.4	74.6	19.3	80.7	39.3	60.7	32.2	67.8
Other professional, scientific, and technical services	5419	50,907	50.2	49.8	26.7	73.3	15.8	84.2	28.5	71.5	29.6	70.4
Management of companies and enterprises	55	2,276	31.2	68.8	10.1	89.9	9.0	91.0	17.2	82.8	23.5	76.5
Administrative and support and waste management and remediation services	56	266,751	41.8	58.2	15.7	84.3	16.1	83.9	20.3	79.7	26.5	73.5
Educational services	61	51,288	58.1	41.9	33.1	66.9	18.1	81.9	34.7	65.3	34.1	65.9
Health care and social assistance	62	509,529	43.0	57.0	18.4	81.6	12.8	87.2	19.5	80.5	28.4	71.6
Health care services	621–23	447,069	42.9	57.1	18.4	81.6	13.1	86.9	19.6	80.4	28.0	72.0
Social assistance	624	62,461	44.0	56.0	18.4	81.6	11.4	88.6	18.9	81.1	31.3	68.7
Arts, entertainment, and recreation	71	74,256	45.5	54.5	22.5	77.5	12.2	87.8	29.1	70.9	25.5	74.5
Accommodation and food services	72	441,426	41.1	58.9	13.3	86.7	11.3	88.7	27.3	72.7	24.6	75.4
Other services	81	330,331	38.9	61.1	15.4	84.6	12.4	87.6	21.6	78.4	22.1	77.9

NAICS = 2017 North American Industry Classification System.

**Note(s):**

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

**Source(s):**

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