

TABLE 24

Product innovating companies, by industry: 2017–19

(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 | 4,857,473 | 530,124 | 4,327,349 | 10.9 | 89.1 |
| Manufacturing industries | 31–33 | 217,058 | 35,277 | 181,781 | 16.3 | 83.7 |
| Food | 311 | 18,379 | 2,419 | 15,960 | 13.2 | 86.8 |
| Beverage and tobacco products | 312 | 8,381 | 1,604 | 6,777 | 19.1 | 80.9 |
| Textile, apparel, and leather products | 313–16 | 10,205 | 1,619 | 8,586 | 15.9 | 84.1 |
| Wood products | 321 | 10,340 | 960 | 9,380 | 9.3 | 90.7 |
| Paper | 322 | 1,795 | 253 | 1,542 | 14.1 | 85.9 |
| Printing and related support activities | 323 | 21,035 | 3,354 | 17,681 | 15.9 | 84.1 |
| Petroleum and coal products | 324 | 693 | 27 | 666 | 3.9 | 96.1 |
| Chemicals | 325 | 7,759 | 1,566 | 6,193 | 20.2 | 79.8 |
| Pesticide, fertilizer, and other agricultural chemical | 3253 | 555 | 72 | 483 | 13.0 | 87.0 |
| Pharmaceuticals and medicines | 3254 | 1,467 | 357 | 1,110 | 24.3 | 75.7 |
| Soap, cleaning compound, and toilet preparation | 3256 | 1,772 | 363 | 1,409 | 20.5 | 79.5 |
| Other chemicals | other 325 | 3,966 | 775 | 3,191 | 19.5 | 80.5 |
| Plastics and rubber products | 326 | 7,811 | 1,310 | 6,501 | 16.8 | 83.2 |
| Nonmetallic mineral products | 327 | 7,758 | 953 | 6,805 | 12.3 | 87.7 |
| Primary metals | 331 | 2,437 | 342 | 2,095 | 14.0 | 86.0 |
| Fabricated metal products | 332 | 48,470 | 6,111 | 42,359 | 12.6 | 87.4 |
| Machinery | 333 | 18,350 | 4,182 | 14,168 | 22.8 | 77.2 |
| Computer and electronic products | 334 | 8,851 | 2,928 | 5,923 | 33.1 | 66.9 |
| Communications equipment | 3342 | 938 | 394 | 544 | 42.0 | 58.0 |
| Semiconductor and other electronic components | 3344 | 2,914 | 724 | 2,190 | 24.8 | 75.2 |
| Navigational, measuring, electromedical, and control instruments | 3345 | 3,649 | 1,370 | 2,279 | 37.5 | 62.5 |
| Other computer and electronic products | other 334 | 1,349 | 438 | 911 | 32.5 | 67.5 |
| Electrical equipment, appliances, and components | 335 | 3,874 | 1,041 | 2,833 | 26.9 | 73.1 |
| Transportation equipment | 336 | 7,638 | 1,510 | 6,128 | 19.8 | 80.2 |
| Automobiles, bodies, trailers, and parts | 3361–63 | 4,728 | 877 | 3,851 | 18.5 | 81.5 |
| Aerospace products and parts | 3364 | 1,099 | 214 | 885 | 19.5 | 80.5 |
| Other transportation | other 336 | 1,810 | 418 | 1,392 | 23.1 | 76.9 |
| Furniture and related products | 337 | 12,927 | 1,555 | 11,372 | 12.0 | 88.0 |
| Miscellaneous | 339 | 20,251 | 3,536 | 16,715 | 17.5 | 82.5 |
| Medical equipment and supplies | 3391 | 8,014 | 1,537 | 6,477 | 19.2 | 80.8 |
| Other miscellaneous manufacturing | 3399 | 12,237 | 2,000 | 10,237 | 16.3 | 83.7 |
| Nonmanufacturing industries | 11, 21–23, 42–81 | 4,640,414 | 494,848 | 4,145,566 | 10.7 | 89.3 |
| Agriculture, forestry, fishing, and hunting | 11 | 22,732 | 1,314 | 21,418 | 5.8 | 94.2 |
| Mining, extraction, and support activities | 21 | 15,475 | 527 | 14,948 | 3.4 | 96.6 |
| Utilities | 22 | 2,615 | 186 | 2,429 | 7.1 | 92.9 |
| Construction | 23 | 627,340 | 40,173 | 587,167 | 6.4 | 93.6 |
| Wholesale trade | 42 | 253,680 | 40,944 | 212,736 | 16.1 | 83.9 |
| Retail trade | 44–45 | 554,596 | 64,657 | 489,939 | 11.7 | 88.3 |
| Transportation and warehousing | 48–49 | 157,728 | 11,860 | 145,868 | 7.5 | 92.5 |
| Information | 51 | 62,834 | 15,608 | 47,226 | 24.8 | 75.2 |
| Publishing | 511 | 18,521 | 5,746 | 12,775 | 31.0 | 69.0 |
| Newspaper, periodical, book, and directory publishers | 5111 | 9,824 | 1,953 | 7,871 | 19.9 | 80.1 |
| Software publishers | 5112 | 8,698 | 3,794 | 4,904 | 43.6 | 56.4 |
| Telecommunications | 517 | 6,907 | 1,517 | 5,390 | 22.0 | 78.0 |

TABLE 24

Product innovating companies, by industry: 2017–19

(Number and percent)

| Industry | NAICS code | Companies (number) | Product innovation | | | |
|---|------------|-----------------------|--------------------|---------|---------|------|
| | | | Number | | Percent | |
| | | | Yes | No | Yes | No |
| Data processing, hosting, and related services | 518 | 8,155 | 2,547 | 5,608 | 31.2 | 68.8 |
| Other information | other 51 | 29,253 | 5,796 | 23,457 | 19.8 | 80.2 |
| Finance and insurance | 52 | 203,913 | 21,490 | 182,423 | 10.5 | 89.5 |
| Real estate and rental and leasing | 53 | 266,098 | 18,708 | 247,390 | 7.0 | 93.0 |
| Lessors of nonfinancial intangible assets (except copyrighted works) | 533 | 2,106 | 322 | 1,784 | 15.3 | 84.7 |
| Other real estate and rental and leasing | other 53 | 263,991 | 18,386 | 245,605 | 7.0 | 93.0 |
| Professional, scientific, and technical services | 54 | 704,191 | 93,425 | 610,766 | 13.3 | 86.7 |
| Legal services | 5411 | 151,977 | 6,920 | 145,057 | 4.6 | 95.4 |
| Accounting, tax preparation, bookkeeping, and payroll services | 5412 | 106,233 | 6,772 | 99,461 | 6.4 | 93.6 |
| Architectural, engineering, and related services | 5413 | 87,739 | 11,587 | 76,152 | 13.2 | 86.8 |
| Specialized design services | 5414 | 27,355 | 4,190 | 23,165 | 15.3 | 84.7 |
| Computer systems design and related services | 5415 | 97,862 | 24,132 | 73,730 | 24.7 | 75.3 |
| Management, scientific, and technical consulting services | 5416 | 137,973 | 22,828 | 115,145 | 16.5 | 83.5 |
| Scientific research and development services | 5417 | 10,517 | 2,615 | 7,902 | 24.9 | 75.1 |
| Advertising, public relations, and related services | 5418 | 27,194 | 4,219 | 22,975 | 15.5 | 84.5 |
| Other professional, scientific, and technical services | 5419 | 57,339 | 10,166 | 47,173 | 17.7 | 82.3 |
| Management of companies and enterprises | 55 | 2,391 | 170 | 2,221 | 7.1 | 92.9 |
| Administrative and support and waste management and remediation services | 56 | 285,195 | 26,537 | 258,658 | 9.3 | 90.7 |
| Educational services | 61 | 55,306 | 10,107 | 45,199 | 18.3 | 81.7 |
| Health care and social assistance | 62 | 526,683 | 59,925 | 466,758 | 11.4 | 88.6 |
| Health care services | 621–23 | 462,026 | 51,378 | 410,648 | 11.1 | 88.9 |
| Social assistance | 624 | 64,657 | 8,546 | 56,111 | 13.2 | 86.8 |
| Arts, entertainment, and recreation | 71 | 90,036 | 10,031 | 80,005 | 11.1 | 88.9 |
| Accommodation and food services | 72 | 464,061 | 41,222 | 422,839 | 8.9 | 91.1 |
| Other services | 81 | 345,543 | 37,962 | 307,581 | 11.0 | 89.0 |

r = relative standard error > 50%.

NAICS = 2017 North American Industry Classification System.

Note(s):

Detail may not add to total because of rounding or unavailable NAICS detail for select records beyond the 4-digit industry classification. Industry classification is based on dominant establishment payroll. Statistics are representative of companies located in the United States.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, 2020 Annual Business Survey: Data Year 2019.