

TABLE 80

Product 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 | 821,671 | 29,067 | 792,604 | 3.5 | 96.5 |
| Manufacturing industries | 31–33 | 62,446 | 5,267 | 57,179 | 8.4 | 91.6 |
| Food | 311 | 5,891 | 450 | 5,440 | 7.6 | 92.4 |
| Beverage and tobacco products | 312 | 3,228 | 328 | 2,900 | 10.2 | 89.8 |
| Textile, apparel, and leather products | 313–16 | 2,800 | 120 | 2,680 | 4.3 | 95.7 |
| Wood products | 321 | 2,016 | 86 | 1,930 | 4.3 | 95.7 |
| Paper | 322 | 618 | 72 | 546 | 11.6 | 88.4 |
| Printing and related support activities | 323 | 4,932 | 183 | 4,749 | 3.7 | 96.3 |
| Petroleum and coal products | 324 | 167 | 12 | 155 | 7.0 | 93.0 |
| Chemicals | 325 | 3,290 | 327 | 2,963 | 9.9 | 90.1 |
| Pesticide, fertilizer, and other agricultural chemicals | 3253 | 196 | 11 | 185 | 5.4 | 94.6 |
| Pharmaceuticals and medicines | 3254 | 591 | 75 | 516 | 12.7 | 87.3 |
| Soap, cleaning compound, and toilet preparation | 3256 | 744 | 36 | 708 | 4.8 | 95.2 |
| Other chemicals | other 325 | 1,759 | 205 | 1,554 | 11.7 | 88.3 |
| Plastics and rubber products | 326 | 2,639 | 322 | 2,316 | 12.2 | 87.8 |
| Nonmetallic mineral products | 327 | 1,666 | 138 | 1,527 | 8.3 | 91.7 |
| Primary metals | 331 | 577 | 53 | 523 | 9.2 | 90.8 |
| Fabricated metal products | 332 | 9,316 | 763 | 8,554 | 8.2 | 91.8 |
| Machinery | 333 | 6,330 | 789 | 5,540 | 12.5 | 87.5 |
| Computer and electronic products | 334 | 4,571 | 650 | 3,921 | 14.2 | 85.8 |
| Communications equipment | 3342 | 510 | 57 | 452 | 11.3 | 88.7 |
| Semiconductor and other electronic components | 3344 | 1,178 | 213 | 965 | 18.1 | 81.9 |
| Navigational, measuring, electromedical, and control instruments | 3345 | 2,101 | 329 | 1,772 | 15.7 | 84.3 |
| Other computer and electronic products | other 334 | 782 | 50 | 732 | 6.4 | 93.6 |
| Electrical equipment, appliances, and components | 335 | 1,714 | 195 | 1,520 | 11.3 | 88.7 |
| Transportation equipment | 336 | 2,851 | 241 | 2,610 | 8.5 | 91.5 |
| Automobiles, bodies, trailers, and parts | 3361–63 | 1,793 | 174 | 1,619 | 9.7 | 90.3 |
| Aerospace products and parts | 3364 | 348 | 30 | 318 | 8.6 | 91.4 |
| Other transportation | other 336 | 710 | 37 | 673 | 5.2 | 94.8 |
| Furniture and related products | 337 | 2,767 | 143 | 2,624 | 5.2 | 94.8 |
| Miscellaneous | 339 | 7,060 | 395 | 6,665 | 5.6 | 94.4 |
| Medical equipment and supplies | 3391 | 2,432 | 135 | 2,297 | 5.6 | 94.4 |
| Other miscellaneous manufacturing | 3399 | 4,627 | 260 | 4,368 | 5.6 | 94.4 |
| Nonmanufacturing industries | 11, 21–23, 42–81 | 759,225 | 23,800 | 735,425 | 3.1 | 96.9 |
| Agriculture, forestry, fishing, and hunting | 11 | 1,883 | 132 | 1,750 | 7.0 | 93.0 |
| Mining, extraction, and support activities | 21 | 1,119 | 36 | 1,083 | 3.2 | 96.8 |
| Utilities | 22 | 287 | 17 | 270 | 6.0 | 94.0 |
| Construction | 23 | 64,453 | 1,442 | 63,011 | 2.2 | 97.8 |
| Wholesale trade | 42 | 63,426 | 2,009 | 61,417 | 3.2 | 96.8 |
| Retail trade | 44–45 | 114,735 | 2,274 | 112,461 | 2.0 | 98.0 |
| Transportation and warehousing | 48–49 | 13,973 | 360 | 13,613 | 2.6 | 97.4 |
| Information | 51 | 20,395 | 1,296 | 19,099 | 6.4 | 93.6 |
| Publishing | 511 | 7,062 | 499 | 6,563 | 7.1 | 92.9 |
| Newspaper, periodical, book, and directory publishers | 5111 | 2,653 | 41 | 2,612 | 1.5 | 98.5 |
| Software publishers | 5112 | 4,410 | 458 | 3,951 | 10.4 | 89.6 |
| Telecommunications | 517 | 2,007 | 199 | 1,808 | 9.9 | 90.1 |
| Data processing, hosting, and related services | 518 | 3,997 | 324 | 3,673 | 8.1 | 91.9 |
| Other information | other 51 | 7,328 | 273 | 7,054 | 3.7 | 96.3 |

TABLE 80

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(Number and percent)

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|--|------------|-----------------------|----------------|---------|---------|------|
| | | | Number | | Percent | |
| | | | Yes | No | Yes | No |
| Finance and insurance | 52 | 38,092 | 479 | 37,613 | 1.3 | 98.7 |
| Real estate and rental and leasing | 53 | 24,163 | 501 | 23,662 | 2.1 | 97.9 |
| Lessors of nonfinancial intangible assets (except copyrighted works) | 533 | 355 | 10 r | 345 | 2.9 r | 97.1 |
| Other real estate and rental and leasing | other 53 | 23,808 | 491 | 23,317 | 2.1 | 97.9 |
| Professional, scientific, and technical services | 54 | 137,653 | 6,492 | 131,160 | 4.7 | 95.3 |
| Legal services | 5411 | 14,014 | 177 | 13,837 | 1.3 | 98.7 |
| Accounting, tax preparation, bookkeeping, and payroll services | 5412 | 11,155 | 170 | 10,985 | 1.5 | 98.5 |
| Architectural, engineering, and related services | 5413 | 19,119 | 1,465 | 17,655 | 7.7 | 92.3 |
| Specialized design services | 5414 | 6,347 | 148 | 6,199 | 2.3 | 97.7 |
| Computer systems design and related services | 5415 | 32,559 | 1,798 | 30,761 | 5.5 | 94.5 |
| Management, scientific, and technical consulting services | 5416 | 31,006 | 1,096 | 29,910 | 3.5 | 96.5 |
| Scientific research and development services | 5417 | 3,323 | 1,097 | 2,226 | 33.0 | 67.0 |
| Advertising, public relations, and related services | 5418 | 6,518 | 179 | 6,339 | 2.8 | 97.2 |
| Other professional, scientific, and technical services | 5419 | 13,610 | 363 | 13,248 | 2.7 | 97.3 |
| Management of companies and enterprises | 55 | 229 | 16 r | 213 | 6.9 r | 93.1 |
| Administrative and support and waste management and remediation services | 56 | 41,914 | 766 | 41,148 | 1.8 | 98.2 |
| Educational services | 61 | 16,968 | 685 | 16,283 | 4.0 | 96.0 |
| Health care and social assistance | 62 | 93,660 | 4,096 | 89,564 | 4.4 | 95.6 |
| Health care services | 621–23 | 82,181 | 2,413 | 79,768 | 2.9 | 97.1 |
| Social assistance | 624 | 11,479 | 1,683 | 9,796 | 14.7 | 85.3 |
| Arts, entertainment, and recreation | 71 | 16,684 | 428 | 16,256 | 2.6 | 97.4 |
| Accommodation and food services | 72 | 58,621 | 1,737 | 56,884 | 3.0 | 97.0 |
| Other services | 81 | 50,971 | 1,034 | 49,938 | 2.0 | 98.0 |

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.