

TABLE A-1. Companies in the target population and selected for the sample, by industry and company size: 2006

| Industry and company size | NAICS codes | Companies in target population | Companies selected for the sample | | | Companies with imputed R&D expenditures | |
|--|-------------------------|--------------------------------|-----------------------------------|----------------|-------------|---|-----------------------|
| | | | All companies | Noncertainties | Certainties | Greater than or equal to \$3 million | Less than \$3 million |
| All industries | 21–23, 31–33, 42, 44–81 | 1,849,368 | 32,084 | 17,909 | 14,175 | 500 | 46 |
| Manufacturing industries | 31–33 | 155,399 | 14,672 | 7,234 | 7,438 | 268 | 21 |
| Food | 311 | 11,456 | 825 | 388 | 437 | 3 | 1 |
| Beverage and tobacco products | 312 | 1,327 | 207 | 117 | 90 | 1 | 0 |
| Textiles, apparel, and leather | 313–16 | 9,328 | 633 | 367 | 266 | 3 | 1 |
| Wood products | 321 | 8,402 | 483 | 330 | 153 | 2 | 0 |
| Paper, printing, and support activities | 322, 323 | 16,752 | 685 | 443 | 242 | 3 | 1 |
| Petroleum and coal products | 324 | 546 | 172 | 80 | 92 | 3 | 0 |
| Chemicals | 325 | 5,657 | 1,449 | 541 | 908 | 32 | 4 |
| Basic chemicals | 3251 | 724 | 260 | 74 | 186 | 4 | 2 |
| Resin, synthetic rubber, fibers, and filament | 3252 | 452 | 163 | 51 | 112 | 1 | 1 |
| Pharmaceuticals and medicines | 3254 | 971 | 322 | 85 | 237 | 27 | 0 |
| Other chemicals | other 325 | 3,510 | 704 | 331 | 373 | 0 | 1 |
| Plastics and rubber products | 326 | 7,611 | 882 | 363 | 519 | 9 | 0 |
| Nonmetallic mineral products | 327 | 6,442 | 465 | 261 | 204 | 3 | 0 |
| Primary metals | 331 | 2,689 | 380 | 164 | 216 | 2 | 0 |
| Fabricated metal products | 332 | 30,609 | 1,291 | 638 | 653 | 11 | 4 |
| Machinery | 333 | 14,634 | 1,529 | 745 | 784 | 27 | 3 |
| Computer and electronic products | 334 | 7,945 | 1,956 | 816 | 1,140 | 112 | 4 |
| Computers and peripheral equipment | 3341 | 727 | 276 | 104 | 172 | 8 | 0 |
| Communications equipment | 3342 | 1,057 | 353 | 106 | 247 | 31 | 0 |
| Semiconductor and other electronic components | 3344 | 2,890 | 565 | 302 | 263 | 32 | 3 |
| Navigational, measuring, electromedical, and control instruments | 3345 | 2,629 | 564 | 226 | 338 | 32 | 1 |
| Other computer and electronic products | other 334 | 642 | 198 | 78 | 120 | 9 | 0 |
| Electrical equipment, appliances, and components | 335 | 3,156 | 667 | 276 | 391 | 15 | 0 |
| Transportation equipment | 336 | 6,235 | 954 | 511 | 443 | 21 | 1 |
| Motor vehicles, trailers, and parts | 3361–63 | 4,058 | 531 | 300 | 231 | 17 | 0 |
| Aerospace products and parts | 3364 | 813 | 173 | 71 | 102 | 1 | 1 |
| Other transportation equipment | other 336 | 1,364 | 250 | 140 | 110 | 3 | 0 |
| Furniture and related products | 337 | 9,513 | 640 | 419 | 221 | 1 | 0 |
| Miscellaneous manufacturing | 339 | 12,826 | 1,342 | 713 | 629 | 20 | 2 |
| Medical equipment and supplies | 3391 | 4,269 | 624 | 297 | 327 | 17 | 1 |
| Other miscellaneous manufacturing | other 339 | 8,557 | 718 | 416 | 302 | 3 | 1 |
| Unclassified | | 271 | 112 | 62 | 50 | 0 | 0 |

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| | | | All companies | Noncertainties | Certainties | Greater than or equal to \$3 million | Less than \$3 million |
| Nonmanufacturing industries | 21–23, 42, 44–81 | 1,693,969 | 17,412 | 10,675 | 6,737 | 232 | 25 |
| Mining, extraction, and support activities | 21 | 7,610 | 357 | 233 | 124 | 4 | 0 |
| Utilities | 22 | 1,176 | 141 | 28 | 113 | 2 | 0 |
| Construction | 23 | 231,615 | 1,381 | 972 | 409 | 1 | 0 |
| Wholesale trade | 42 | 130,145 | 1,763 | 970 | 793 | 16 | 1 |
| Retail trade | 44, 45 | 241,986 | 1,322 | 1,040 | 282 | 7 | 0 |
| Transportation and warehousing | 48, 49 | 49,793 | 417 | 219 | 198 | 1 | 0 |
| Information | 51 | 26,449 | 2,325 | 1,275 | 1,050 | 67 | 5 |
| Publishing | 511 | 9,935 | 1,062 | 557 | 505 | 50 | 4 |
| Newspaper, periodical, book, and directory | 5111 | 6,600 | 299 | 201 | 98 | 4 | 0 |
| Software | 5112 | 3,335 | 763 | 356 | 407 | 46 | 4 |
| Telecommunications | 517 | 3,476 | 335 | 119 | 216 | 7 | 0 |
| Wired and wireless (except satellite) | | | | | | | |
| telecommunications carriers | 5171, 5172 | 1,917 | 179 | 89 | 90 | 5 | 0 |
| Satellite telecommunications | 5174 | 151 | 70 | 11 | 59 | 0 | 0 |
| Other telecommunications | other 517 | 1,408 | 86 | 19 | 67 | 2 | 0 |
| Internet service providers, Web search portals, and data-processing services | 518 | 4,475 | 586 | 366 | 220 | 10 | 1 |
| Internet service providers and Web search portals | 5181 | 1,424 | 180 | 112 | 68 | 2 | 0 |
| Data-processing, hosting, and related services | 5182 | 3,051 | 406 | 254 | 152 | 8 | 1 |
| Other information | other 51 | 8,563 | 342 | 233 | 109 | 0 | 0 |
| Finance, insurance, and real estate | 52, 53 | 121,091 | 994 | 541 | 453 | 14 | 0 |
| Professional, scientific, and technical services | 54 | 193,954 | 4,402 | 2,273 | 2,129 | 112 | 18 |
| Architectural, engineering, and related services | 5413 | 34,457 | 775 | 497 | 278 | 14 | 0 |
| Computer systems design and related services | 5415 | 22,925 | 1,433 | 838 | 595 | 38 | 11 |
| Scientific R&D services | 5417 | 4,296 | 1,276 | 366 | 910 | 60 | 6 |
| Other professional, scientific, and technical services | other 54 | 132,276 | 918 | 572 | 346 | 0 | 1 |
| Health care services | 621–23 | 202,345 | 1,275 | 863 | 412 | 1 | 0 |
| Other nonmanufacturing ^a | 56, 61, 624, 71, 72, 81 | 486,353 | 2,767 | 2,043 | 724 | 7 | 1 |
| Unclassified | | 1,452 | 268 | 218 | 50 | 0 | 0 |

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|---------------------------|-------------|--------------------------------|-----------------------------------|----------------|-------------|---|-----------------------|
| | | | All companies | Noncertainties | Certainties | Greater than or equal to \$3 million | Less than \$3 million |
| Company size (employees) | | | | | | | |
| All companies | - | 1,849,368 | 32,084 | 17,909 | 14,175 | 500 | 46 |
| 5-24 | - | 1,431,645 | 10,643 | 9,619 | 1,024 | 8 | 3 |
| 25-49 | - | 227,725 | 4,715 | 3,486 | 1,229 | 34 | 15 |
| 50-99 | - | 105,915 | 4,662 | 2,516 | 2,146 | 65 | 9 |
| 100-249 | - | 55,397 | 5,371 | 1,653 | 3,718 | 113 | 8 |
| 250-499 | - | 15,217 | 2,644 | 387 | 2,257 | 59 | 6 |
| 500-999 | - | 6,670 | 1,594 | 137 | 1,457 | 66 | 0 |
| 1,000-4,999 | - | 5,259 | 1,750 | 93 | 1,657 | 109 | 4 |
| 5,000-9,999 | - | 743 | 316 | 12 | 304 | 21 | 0 |
| 10,000-24,999 | - | 482 | 221 | 4 | 217 | 14 | 0 |
| 25,000 or more | - | 315 | 168 | 2 | 166 | 11 | 1 |

- = not applicable.

^a Estimates for management of companies and enterprises (NAICS 55), formerly shown separately, now are included in other nonmanufacturing.

NOTES: Certainties are companies whose probability of selection is one based on prior-year R&D expenditures equal to or greater than \$3 million as well as others included in the sample for analytical purposes (analytical certainties). Noncertainties are companies whose probability of selection is less than one. Companies that were missing or had an incomplete North American Industry Classification System (NAICS) codes at the time of sampling were assigned to an "unclassified" industry category temporarily. If an unclassified company reported R&D expenditures, its primary industrial activity was investigated and a NAICS code was assigned during statistical processing. The total number of "companies selected for the sample" is larger than the number of "companies receiving a questionnaire" in table A-4 because some companies selected for the survey went out of business or were merged with other companies during the time between sample selection and survey mailout; that is, the sample was updated before actual mailout took place. For definitions and more information about year-to-year comparability of the statistics, see technical notes and survey methodology.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Industrial Research and Development: 2006.