

TABLE A-2. Science, engineering, and health departments in doctorate-granting institutions, by detailed field: 1996–2003

| Field | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| All surveyed fields | 10,222 | 10,199 | 10,288 | 10,401 | 10,446 | 10,481 | 10,632 | 10,750 |
| Science and engineering | 7,328 | 7,350 | 7,416 | 7,485 | 7,531 | 7,550 | 7,627 | 7,752 |
| Science | 5,900 | 5,899 | 5,944 | 5,993 | 6,014 | 6,039 | 6,113 | 6,196 |
| Agricultural sciences | 330 | 340 | 346 | 340 | 343 | 350 | 357 | 362 |
| Biological sciences | 1,982 | 1,953 | 1,972 | 1,990 | 1,978 | 1,984 | 2,040 | 2,061 |
| Anatomy | 91 | 87 | 84 | 82 | 80 | 80 | 83 | 80 |
| Biochemistry | 192 | 192 | 192 | 193 | 186 | 183 | 188 | 185 |
| Biology | 246 | 252 | 256 | 257 | 256 | 253 | 254 | 259 |
| Biometry/epidemiology | 72 | 72 | 73 | 75 | 76 | 79 | 88 | 91 |
| Biophysics | 34 | 31 | 31 | 31 | 30 | 31 | 33 | 33 |
| Botany | 88 | 85 | 84 | 78 | 76 | 77 | 76 | 76 |
| Cell biology | 132 | 133 | 146 | 147 | 154 | 154 | 159 | 160 |
| Ecology | 31 | 30 | 31 | 36 | 37 | 39 | 42 | 43 |
| Entomology/parasitology | 48 | 48 | 49 | 47 | 46 | 46 | 44 | 44 |
| Genetics | 84 | 83 | 83 | 85 | 87 | 91 | 93 | 99 |
| Microbiology/immunology/virology | 261 | 251 | 254 | 261 | 260 | 255 | 261 | 259 |
| Nutrition | 128 | 126 | 128 | 129 | 128 | 126 | 125 | 127 |
| Pathology | 140 | 139 | 136 | 135 | 133 | 134 | 133 | 131 |
| Pharmacology | 164 | 159 | 159 | 162 | 160 | 161 | 166 | 165 |
| Physiology | 144 | 138 | 133 | 133 | 130 | 125 | 128 | 124 |
| Zoology | 43 | 39 | 38 | 38 | 34 | 33 | 31 | 32 |
| Biosciences, nec | 84 | 88 | 95 | 101 | 105 | 117 | 136 | 153 |
| Computer sciences | 296 | 300 | 307 | 316 | 327 | 336 | 348 | 361 |
| Earth, atmospheric, and ocean sciences | 353 | 356 | 365 | 364 | 367 | 366 | 364 | 369 |
| Atmospheric sciences | 33 | 32 | 33 | 32 | 33 | 33 | 34 | 34 |
| Geosciences | 213 | 210 | 209 | 206 | 205 | 206 | 203 | 204 |
| Oceanography | 49 | 50 | 55 | 58 | 57 | 55 | 55 | 57 |
| Earth/atmospheric/ocean sciences, nec | 58 | 64 | 68 | 68 | 72 | 72 | 72 | 74 |
| Mathematical sciences | 406 | 405 | 403 | 403 | 400 | 402 | 402 | 402 |
| Mathematics/applied mathematics | 323 | 323 | 322 | 321 | 316 | 317 | 316 | 316 |
| Statistics | 83 | 82 | 81 | 82 | 84 | 85 | 86 | 86 |
| Physical sciences | 590 | 592 | 596 | 597 | 595 | 596 | 585 | 586 |
| Astronomy | 35 | 35 | 36 | 36 | 38 | 38 | 38 | 38 |
| Chemistry | 279 | 280 | 279 | 283 | 280 | 282 | 274 | 273 |
| Physics | 254 | 257 | 259 | 253 | 249 | 246 | 243 | 247 |
| Physical sciences, nec | 22 | 20 | 22 | 25 | 28 | 30 | 30 | 28 |
| Psychology | 583 | 590 | 593 | 610 | 616 | 618 | 615 | 628 |
| Clinical psychology | 129 | 132 | 131 | 134 | 134 | 136 | 136 | 141 |
| Psychology, general | 180 | 183 | 185 | 186 | 190 | 188 | 188 | 188 |
| Psychology, nec | 274 | 275 | 277 | 290 | 292 | 294 | 291 | 299 |
| Social sciences | 1,360 | 1,363 | 1,362 | 1,373 | 1,388 | 1,387 | 1,402 | 1,427 |
| Agricultural economics | 55 | 55 | 55 | 55 | 55 | 55 | 57 | 57 |
| Anthropology (cultural/social) | 136 | 139 | 136 | 136 | 134 | 132 | 133 | 135 |
| Economics (except agricultural) | 204 | 204 | 202 | 202 | 201 | 201 | 196 | 196 |
| Geography | 101 | 102 | 103 | 103 | 103 | 102 | 106 | 106 |
| History and philosophy of science | 23 | 23 | 23 | 24 | 26 | 26 | 25 | 25 |
| Linguistics | 72 | 71 | 70 | 71 | 72 | 72 | 71 | 72 |
| Political science | 343 | 346 | 347 | 350 | 354 | 352 | 357 | 366 |
| Sociology | 187 | 184 | 184 | 183 | 182 | 182 | 182 | 180 |
| Sociology/anthropology | 24 | 24 | 23 | 23 | 23 | 23 | 22 | 23 |
| Social sciences, nec | 215 | 215 | 219 | 226 | 238 | 242 | 253 | 267 |
| Engineering | 1,428 | 1,451 | 1,472 | 1,492 | 1,517 | 1,511 | 1,514 | 1,556 |
| Aerospace engineering | 52 | 54 | 54 | 56 | 57 | 55 | 54 | 55 |
| Agricultural engineering | 38 | 38 | 38 | 39 | 40 | 38 | 38 | 37 |

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| Field | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Biomedical engineering | 61 | 64 | 72 | 77 | 81 | 81 | 84 | 96 |
| Chemical engineering | 145 | 145 | 145 | 148 | 149 | 148 | 145 | 145 |
| Civil engineering | 231 | 236 | 238 | 245 | 250 | 254 | 253 | 259 |
| Electrical engineering | 239 | 243 | 246 | 247 | 251 | 251 | 251 | 257 |
| Engineering science | 36 | 36 | 38 | 40 | 39 | 38 | 37 | 41 |
| Industrial/manufacturing engineering | 168 | 169 | 169 | 167 | 173 | 175 | 172 | 176 |
| Mechanical engineering | 191 | 191 | 192 | 192 | 191 | 192 | 192 | 192 |
| Metallurgical/materials engineering | 108 | 113 | 114 | 113 | 110 | 109 | 107 | 112 |
| Mining engineering | 24 | 24 | 24 | 24 | 25 | 24 | 23 | 22 |
| Nuclear engineering | 24 | 23 | 24 | 24 | 24 | 23 | 23 | 23 |
| Petroleum engineering | 20 | 18 | 17 | 16 | 18 | 17 | 18 | 18 |
| Engineering, nec | 91 | 97 | 101 | 104 | 109 | 106 | 117 | 123 |
| Health | 2,894 | 2,849 | 2,872 | 2,916 | 2,915 | 2,931 | 3,005 | 2,998 |
| Medical fields | 2,117 | 2,057 | 2,056 | 2,077 | 2,038 | 2,037 | 2,078 | 2,049 |
| Anesthesiology | 89 | 88 | 88 | 86 | 86 | 88 | 88 | 87 |
| Cardiology | 71 | 71 | 71 | 72 | 71 | 70 | 68 | 69 |
| Endocrinology | 74 | 71 | 71 | 72 | 70 | 68 | 67 | 66 |
| Gastroenterology | 71 | 68 | 68 | 68 | 68 | 67 | 65 | 64 |
| Hematology | 72 | 71 | 69 | 72 | 71 | 70 | 67 | 66 |
| Neurology | 152 | 155 | 157 | 164 | 162 | 164 | 171 | 174 |
| Obstetrics/gynecology | 95 | 90 | 91 | 91 | 88 | 88 | 89 | 86 |
| Oncology/cancer research | 57 | 62 | 63 | 71 | 70 | 74 | 89 | 89 |
| Ophthalmology | 78 | 78 | 78 | 78 | 76 | 76 | 77 | 75 |
| Otorhinolaryngology | 72 | 68 | 64 | 64 | 62 | 63 | 62 | 60 |
| Pediatrics | 118 | 111 | 112 | 110 | 110 | 109 | 110 | 109 |
| Preventive medicine/community health | 188 | 186 | 193 | 197 | 195 | 192 | 194 | 191 |
| Psychiatry | 104 | 102 | 101 | 100 | 98 | 98 | 104 | 103 |
| Pulmonary disease | 68 | 66 | 67 | 66 | 64 | 64 | 63 | 61 |
| Radiology | 138 | 134 | 129 | 131 | 128 | 127 | 128 | 123 |
| Surgery | 259 | 245 | 244 | 246 | 240 | 239 | 234 | 231 |
| Clinical medicine, nec | 411 | 391 | 390 | 389 | 379 | 380 | 402 | 395 |
| Other health fields | 777 | 792 | 816 | 839 | 877 | 894 | 927 | 949 |
| Dental sciences | 86 | 81 | 78 | 79 | 82 | 83 | 85 | 82 |
| Nursing | 150 | 155 | 160 | 163 | 164 | 165 | 166 | 177 |
| Pharmaceutical sciences | 93 | 91 | 93 | 92 | 87 | 87 | 87 | 90 |
| Speech pathology/audiology | 142 | 143 | 146 | 148 | 157 | 156 | 159 | 159 |
| Veterinary sciences | 49 | 50 | 52 | 55 | 62 | 62 | 68 | 71 |
| Health related, nec | 257 | 272 | 287 | 302 | 325 | 341 | 362 | 370 |

nec = not elsewhere classified.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering.