

Table 976. Manufacturing Industries—Employment by Industry: 1990 to 2006

[Annual averages of monthly figures (109,487 represents 109,487,000). Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. Minus sign (–) indicates decrease. See also headnote, Table 614]

| Industry | 2002 NAICS code ¹ | All employees (1,000) | | | | | | Percent change | |
|---|------------------------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|-------------------|---------------|
| | | 1990 | 2000 | 2003 | 2004 | 2005 | 2006 | 1990– 2000 | 2000– 2006 |
| All industries | (X) | 109,487 | 131,785 | 129,999 | 131,435 | 133,703 | 136,174 | 20.4 | 3.3 |
| Manufacturing | 31–33 | 17,695 | 17,263 | 14,510 | 14,315 | 14,226 | 14,197 | –2.4 | –17.8 |
| Percent of all industries | (X) | 16.2 | 13.1 | 11.2 | 10.9 | 10.6 | 10.4 | (X) | (X) |
| Durable goods | (X) | 10,736 | 10,876 | 8,963 | 8,924 | 8,955 | 9,001 | 1.3 | –17.2 |
| Wood products | 321 | 541 | 613 | 538 | 550 | 559 | 560 | 13.4 | –8.6 |
| Sawmills & wood preservation | 3211 | 148 | 134 | 117 | 119 | 119 | 119 | –9.6 | –11.5 |
| Plywood & engineered wood products | 3212 | 96 | 122 | 114 | 118 | 123 | 120 | 28.2 | –1.7 |
| Other wood products | 3219 | 297 | 357 | 306 | 313 | 317 | 322 | 20.1 | –9.9 |
| Nonmetallic mineral products | 327 | 528 | 554 | 494 | 506 | 505 | 508 | 4.9 | –8.4 |
| Clay products & refractories | 3271 | 84 | 82 | 66 | 65 | 62 | 61 | –1.9 | –26.0 |
| Glass & glass products | 3272 | 152 | 141 | 115 | 113 | 108 | 103 | –7.6 | –26.8 |
| Cement & concrete products | 3273 | 195 | 234 | 224 | 235 | 240 | 248 | 20.1 | 6.1 |
| Lime, gypsum, & other nonmetallic mineral products | 3279 | 98 | 97 | 89 | 94 | 96 | 96 | –0.3 | –1.6 |
| Primary metals | 331 | 689 | 622 | 477 | 467 | 466 | 462 | –9.7 | –25.7 |
| Iron & steel mills & ferroalloy production | 3311 | 187 | 135 | 102 | 95 | 96 | 94 | –27.7 | –30.1 |
| Steel products from purchased steel | 3312 | 70 | 73 | 61 | 61 | 61 | 60 | 4.0 | –18.2 |
| Alumina & aluminum production | 3313 | 108 | 101 | 75 | 74 | 73 | 73 | –7.3 | –27.7 |
| Other nonferrous metal production | 3314 | 109 | 96 | 74 | 71 | 72 | 73 | –11.7 | –24.2 |
| Foundries | 3315 | 214 | 217 | 166 | 165 | 164 | 162 | 1.4 | –25.2 |
| Fabricated metal products | 332 | 1,610 | 1,753 | 1,479 | 1,497 | 1,522 | 1,554 | 8.9 | –11.3 |
| Forging & stamping | 3321 | 128 | 138 | 109 | 110 | 111 | 113 | 7.9 | –18.0 |
| Cutlery & hand tools | 3322 | 79 | 79 | 61 | 59 | 56 | 54 | 0.3 | –31.5 |
| Architectural & structural metals | 3323 | 357 | 428 | 380 | 389 | 398 | 415 | 20.0 | –3.2 |
| Boilers, tanks, & shipping containers | 3324 | 117 | 107 | 91 | 92 | 91 | 92 | –9.1 | –13.9 |
| Hardware | 3325 | 57 | 50 | 40 | 38 | 36 | 34 | –12.8 | –31.9 |
| Spring & wire products | 3326 | 78 | 81 | 64 | 62 | 59 | 58 | 4.3 | –28.0 |
| Machine shops & threaded products | 3327 | 309 | 365 | 311 | 327 | 345 | 352 | 18.4 | –3.7 |
| Coating, engraving, & heat treating metals | 3328 | 143 | 175 | 143 | 143 | 145 | 149 | 22.7 | –14.8 |
| Other fabricated metal products | 3329 | 344 | 330 | 281 | 278 | 282 | 287 | –4.0 | –13.0 |
| Machinery | 333 | 1,408 | 1,455 | 1,149 | 1,143 | 1,163 | 1,191 | 3.3 | –18.1 |
| Agricultural, construction, & mining machinery | 3331 | 229 | 222 | 188 | 195 | 208 | 222 | –2.8 | –0.4 |
| Industrial machinery | 3332 | 152 | 163 | 123 | 121 | 124 | 123 | 7.5 | –24.7 |
| Commercial & service industry machinery | 3333 | 147 | 147 | 118 | 115 | 111 | 111 | 0.3 | –24.5 |
| HVAC & commercial refrigeration equipment | 3334 | 165 | 194 | 157 | 153 | 153 | 160 | 17.8 | –17.7 |
| Metalworking machinery | 3335 | 267 | 274 | 205 | 202 | 202 | 203 | 2.5 | –25.9 |
| Turbine & power transmission equipment | 3336 | 114 | 111 | 94 | 93 | 98 | 100 | –2.4 | –9.9 |
| Other general purpose machinery | 3339 | 335 | 343 | 265 | 265 | 268 | 273 | 2.4 | –20.3 |
| Computer & electronic products | 334 | 1,903 | 1,820 | 1,355 | 1,323 | 1,316 | 1,316 | –4.3 | –27.7 |
| Computer & peripheral equipment | 3341 | 367 | 302 | 224 | 210 | 205 | 199 | –17.8 | –34.2 |
| Communications equipment | 3342 | 232 | 248 | 155 | 148 | 147 | 144 | 7.0 | –41.7 |
| Audio & video equipment | 3343 | 60 | 52 | 37 | 33 | 32 | 32 | –13.3 | –39.2 |
| Semiconductors & electronic components | 3344 | 574 | 676 | 461 | 454 | 452 | 463 | 17.8 | –31.6 |
| Electronic instruments | 3345 | 626 | 479 | 430 | 431 | 436 | 438 | –23.6 | –8.6 |
| Magnetic media manufacturing & reproduction | 3346 | 43 | 63 | 48 | 46 | 45 | 41 | 46.4 | –35.2 |
| Electrical equipment & appliances | 335 | 633 | 591 | 460 | 445 | 434 | 436 | –6.7 | –26.3 |
| Household lighting equipment | 3351 | 81 | 85 | 67 | 65 | 61 | 59 | 5.0 | –30.5 |
| Household appliances | 3352 | 114 | 106 | 93 | 90 | 85 | 82 | –7.0 | –22.1 |
| Electrical equipment | 3353 | 244 | 210 | 160 | 154 | 152 | 156 | –13.9 | –25.8 |
| Other electrical equipment & components | 3359 | 195 | 191 | 140 | 137 | 136 | 139 | –2.3 | –27.2 |
| Transportation equipment ² | 336 | 2,133 | 2,056 | 1,774 | 1,766 | 1,771 | 1,765 | –3.6 | –14.1 |
| Motor vehicles | 3361 | 271 | 291 | 265 | 256 | 248 | 236 | 7.4 | –19.0 |
| Motor vehicle bodies & trailers | 3362 | 130 | 183 | 153 | 165 | 171 | 180 | 40.8 | –1.4 |
| Motor vehicle parts | 3363 | 653 | 840 | 708 | 692 | 678 | 654 | 28.6 | –22.1 |
| Aerospace products & parts | 3364 | 841 | 517 | 442 | 442 | 455 | 472 | –38.5 | –8.7 |
| Ship & boat building | 3366 | 173 | 153 | 146 | 148 | 153 | 156 | –11.4 | 1.7 |
| Other transportation equipment | 3369 | 35 | 40 | 38 | 38 | 39 | 40 | 14.0 | –0.8 |

See footnotes at end of table.

Table 976. Manufacturing Industries—Employment by Industry: 1990 to 2006—Con.

[Annual averages of monthly figures (109,487 represents 109,487,000). Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. Minus sign (-) indicates decrease. See also headnote, Table 614]

| Industry | 2002 NAICS code ¹ | All employees (1,000) | | | | | | Percent change | |
|--|------------------------------------|-----------------------|--------------|--------------|--------------|--------------|--------------|-------------------|---------------|
| | | 1990 | 2000 | 2003 | 2004 | 2005 | 2006 | 1990- 2000 | 2000- 2006 |
| Furniture & related products | 337 | 601 | 680 | 573 | 573 | 565 | 556 | 13.0 | -18.2 |
| Household & institutional furniture | 3371 | 398 | 440 | 382 | 385 | 380 | 374 | 10.6 | -15.2 |
| Office furniture & fixtures | 3372 | 156 | 181 | 139 | 135 | 133 | 132 | 16.0 | -27.0 |
| Other furniture-related products | 3379 | 47 | 58 | 52 | 53 | 52 | 51 | 23.1 | -13.1 |
| Miscellaneous manufacturing | 339 | 690 | 733 | 663 | 656 | 652 | 652 | 6.2 | -11.1 |
| Medical equipment & supplies | 3391 | 288 | 310 | 304 | 301 | 305 | 309 | 7.7 | -0.4 |
| Other miscellaneous manufacturing | 3399 | 403 | 423 | 359 | 354 | 347 | 343 | 5.1 | -19.0 |
| Nondurable goods | (X) | 6,959 | 6,388 | 5,547 | 5,391 | 5,272 | 5,197 | -8.2 | -18.6 |
| Food manufacturing | 311 | 1,507 | 1,553 | 1,518 | 1,494 | 1,478 | 1,484 | 3.0 | -4.4 |
| Animal food | 3111 | 57 | 55 | 50 | 50 | 49 | 50 | -4.2 | -7.9 |
| Grain & oilseed milling | 3112 | 71 | 65 | 62 | 60 | 61 | 61 | -9.1 | -6.6 |
| Sugar & confectionery products | 3113 | 99 | 92 | 85 | 83 | 79 | 75 | -7.3 | -18.7 |
| Fruit & vegetable preserving & specialty | 3114 | 218 | 197 | 185 | 181 | 174 | 177 | -9.5 | -10.1 |
| Dairy products | 3115 | 145 | 136 | 135 | 131 | 132 | 132 | -5.9 | -3.2 |
| Animal slaughtering & processing | 3116 | 427 | 507 | 516 | 505 | 504 | 509 | 18.6 | 0.4 |
| Seafood product preparation & packaging | 3117 | 54 | 45 | 42 | 42 | 41 | 40 | -17.2 | -10.9 |
| Bakeries & tortilla manufacturing | 3118 | 292 | 306 | 292 | 285 | 280 | 281 | 4.9 | -8.5 |
| Other food products | 3119 | 143 | 150 | 152 | 156 | 159 | 160 | 5.0 | 6.5 |
| Beverages & tobacco products | 312 | 218 | 207 | 200 | 195 | 192 | 195 | -4.9 | -5.9 |
| Beverages | 3121 | 173 | 175 | 169 | 166 | 167 | 171 | 1.2 | -2.0 |
| Textile mills | 313 | 492 | 378 | 261 | 237 | 218 | 196 | -23.1 | -48.3 |
| Fiber, yarn, & thread mills | 3131 | 102 | 81 | 57 | 54 | 50 | 48 | -20.5 | -40.4 |
| Fabric mills | 3132 | 270 | 192 | 130 | 115 | 104 | 90 | -29.0 | -53.2 |
| Textile & fabric finishing mills | 3133 | 120 | 105 | 74 | 68 | 63 | 58 | -12.1 | -45.4 |
| Textile product mills | 314 | 209 | 216 | 179 | 176 | 170 | 161 | 3.3 | -25.5 |
| Textile furnishings mills | 3141 | 127 | 129 | 105 | 101 | 96 | 90 | 1.3 | -29.9 |
| Other textile product mills | 3149 | 82 | 88 | 74 | 75 | 74 | 71 | 6.4 | -19.0 |
| Apparel | 315 | 929 | 497 | 312 | 286 | 257 | 238 | -46.5 | -52.0 |
| Apparel knitting mills | 3151 | 112 | 69 | 45 | 42 | 37 | 34 | -38.4 | -50.7 |
| Cut & sew apparel | 3152 | 776 | 394 | 243 | 221 | 200 | 186 | -49.3 | -52.9 |
| Accessories & other apparel | 3159 | 41 | 34 | 24 | 23 | 21 | 19 | -16.9 | -45.1 |
| Leather & allied products | 316 | 133 | 69 | 45 | 42 | 40 | 37 | -48.3 | -45.6 |
| Footwear | 3162 | 83 | 31 | 20 | 19 | 18 | 17 | -62.8 | -43.3 |
| Leather & hide tanning & finishing & other leather products | 3169 | 51 | 38 | 25 | 23 | 22 | 20 | -25.0 | -47.4 |
| Paper & paper products | 322 | 647 | 605 | 516 | 496 | 484 | 469 | -6.6 | -22.4 |
| Pulp, paper, & paperboard mills | 3221 | 238 | 191 | 151 | 146 | 142 | 136 | -19.7 | -28.9 |
| Converted paper products | 3222 | 409 | 413 | 365 | 350 | 343 | 333 | 1.1 | -19.3 |
| Printing & related support activities | 323 | 809 | 807 | 681 | 663 | 646 | 636 | -0.2 | -21.2 |
| Petroleum & coal products | 324 | 153 | 123 | 114 | 112 | 112 | 114 | -19.4 | -7.2 |
| Chemicals | 325 | 1,036 | 980 | 906 | 887 | 872 | 869 | -5.3 | -11.4 |
| Basic chemicals | 3251 | 249 | 188 | 162 | 156 | 150 | 148 | -24.4 | -21.7 |
| Resin, rubber, & artificial fibers | 3252 | 158 | 136 | 112 | 110 | 108 | 105 | -14.2 | -22.5 |
| Agricultural chemicals | 3253 | 52 | 48 | 42 | 42 | 40 | 39 | -8.8 | -19.0 |
| Pharmaceuticals & medicines | 3254 | 207 | 274 | 292 | 290 | 288 | 292 | 32.4 | 6.6 |
| Paints, coatings, & adhesives | 3255 | 85 | 79 | 69 | 68 | 68 | 67 | -6.6 | -14.6 |
| Soaps, cleaning compounds, and toiletries | 3256 | 132 | 129 | 119 | 115 | 114 | 113 | -2.4 | -12.4 |
| Other chemical products and preparations | 3259 | 153 | 127 | 111 | 107 | 104 | 105 | -17.1 | -17.2 |
| Plastics & rubber products | 326 | 826 | 952 | 815 | 806 | 803 | 797 | 15.3 | -16.3 |
| Plastics products | 3261 | 619 | 738 | 639 | 633 | 635 | 638 | 19.3 | -13.6 |
| Rubber products | 3262 | 207 | 214 | 177 | 172 | 168 | 159 | 3.5 | -25.7 |

X Not applicable. ¹ Based on the North American Industry Classification System (NAICS), 2002; see text, this section and Section 15. ² Includes railroad rolling stock manufacturing not shown separately.