

Table 19. Average Number of Employees at Underground and Surface Mines by State and Mine Production Range, 2010

| Coal-Producing State, Region ¹ , and Mine Type | Mine Production Range (thousand short tons) | | | | | | | | Total Number of Employees |
|---|---|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|---------------------------|
| | 1,000 and Greater | 500 to 1,000 | 200 to 500 | 100 to 200 | 50 to 100 | 10 to 50 | Less Than 10 | Zero ² | |
| Alabama | 2,442 | 658 | 625 | 179 | 250 | 77 | 6 | 104 | 4,341 |
| Underground..... | 2,441 | 389 | - | 26 | 30 | 24 | - | 60 | 2,970 |
| Surface..... | 1 | 269 | 625 | 153 | 220 | 53 | 6 | 44 | 1,371 |
| Alaska | 127 | - | - | - | - | - | - | - | 127 |
| Surface..... | 127 | - | - | - | - | - | - | - | 127 |
| Arizona | 422 | - | - | - | - | - | - | - | 422 |
| Surface..... | 422 | - | - | - | - | - | - | - | 422 |
| Arkansas | - | - | - | - | - | 27 | 2 | - | 29 |
| Underground..... | - | - | - | - | - | 27 | - | - | 27 |
| Surface..... | - | - | - | - | - | - | 2 | - | 2 |
| Colorado | 2,121 | 56 | 26 | 27 | - | - | - | 17 | 2,247 |
| Underground..... | 1,658 | 56 | - | 27 | - | - | - | 17 | 1,758 |
| Surface..... | 463 | - | 26 | - | - | - | - | - | 489 |
| Illinois | 2,769 | 524 | 101 | 58 | - | 24 | 2 | 171 | 3,649 |
| Underground..... | 2,539 | 432 | 78 | 4 | - | 24 | - | 106 | 3,183 |
| Surface..... | 230 | 92 | 23 | 54 | - | - | 2 | 65 | 466 |
| Indiana | 2,682 | 225 | 190 | - | 103 | 25 | - | 117 | 3,342 |
| Underground..... | 1,529 | 68 | 13 | - | - | 19 | - | 84 | 1,713 |
| Surface..... | 1,153 | 157 | 177 | - | 103 | 6 | - | 33 | 1,629 |
| Kansas | - | - | - | 36 | - | - | - | - | 36 |
| Surface..... | - | - | - | 36 | - | - | - | - | 36 |
| Kentucky Total | 4,357 | 3,650 | 3,145 | 1,733 | 1,463 | 1,124 | 460 | 2,034 | 17,966 |
| Underground..... | 3,470 | 2,807 | 1,475 | 1,127 | 867 | 536 | 167 | 1,285 | 11,734 |
| Surface..... | 887 | 843 | 1,670 | 606 | 596 | 588 | 293 | 749 | 6,232 |
| Eastern | 1,195 | 3,346 | 2,936 | 1,708 | 1,405 | 1,102 | 460 | 1,722 | 13,874 |
| Underground..... | 683 | 2,503 | 1,475 | 1,127 | 844 | 532 | 167 | 1,063 | 8,394 |
| Surface..... | 512 | 843 | 1,461 | 581 | 561 | 570 | 293 | 659 | 5,480 |
| Western | 3,162 | 304 | 209 | 25 | 58 | 22 | - | 312 | 4,092 |
| Underground..... | 2,787 | 304 | - | - | 23 | 4 | - | 222 | 3,340 |
| Surface..... | 375 | - | 209 | 25 | 35 | 18 | - | 90 | 752 |
| Louisiana | 251 | - | - | - | - | 10 | - | - | 261 |
| Surface..... | 251 | - | - | - | - | 10 | - | - | 261 |
| Maryland | - | - | 252 | 16 | 48 | 46 | 14 | 46 | 422 |
| Underground..... | - | - | 103 | - | - | - | 4 | 42 | 149 |
| Surface..... | - | - | 149 | 16 | 48 | 46 | 10 | 4 | 273 |
| Mississippi | 232 | - | - | - | - | - | - | - | 232 |
| Surface..... | 232 | - | - | - | - | - | - | - | 232 |
| Missouri | - | - | 10 | 13 | - | - | - | - | 23 |
| Surface..... | - | - | 10 | 13 | - | - | - | - | 23 |
| Montana | 1,194 | - | 12 | - | - | - | - | - | 1,206 |
| Underground..... | 242 | - | - | - | - | - | - | - | 242 |
| Surface..... | 952 | - | 12 | - | - | - | - | - | 964 |
| New Mexico | 1,269 | - | - | - | - | - | - | - | 1,269 |
| Underground..... | 463 | - | - | - | - | - | - | - | 463 |
| Surface..... | 806 | - | - | - | - | - | - | - | 806 |
| North Dakota | 1,109 | - | - | - | - | - | - | 5 | 1,114 |
| Surface..... | 1,109 | - | - | - | - | - | - | 5 | 1,114 |
| Ohio | 1,568 | 598 | 228 | 81 | 77 | 60 | 54 | 160 | 2,826 |
| Underground..... | 1,299 | 240 | 36 | 46 | 37 | - | - | 80 | 1,738 |
| Surface..... | 269 | 358 | 192 | 35 | 40 | 60 | 54 | 80 | 1,088 |
| Oklahoma | - | - | 108 | 65 | - | 31 | 13 | - | 217 |
| Underground..... | - | - | 29 | 43 | - | - | - | - | 72 |
| Surface..... | - | - | 79 | 22 | - | 31 | 13 | - | 145 |
| Pennsylvania Total | 3,781 | 746 | 1,223 | 413 | 548 | 456 | 263 | 838 | 8,268 |
| Underground..... | 3,525 | 746 | 747 | 72 | 36 | 52 | 51 | 345 | 5,574 |
| Surface..... | 256 | - | 476 | 341 | 512 | 404 | 212 | 493 | 2,694 |
| Anthracite | - | - | 36 | - | 224 | 185 | 88 | 395 | 928 |
| Underground..... | - | - | - | - | 36 | 1 | 51 | 45 | 133 |
| Surface..... | - | - | 36 | - | 188 | 184 | 37 | 350 | 795 |
| Bituminous | 3,781 | 746 | 1,187 | 413 | 324 | 271 | 175 | 443 | 7,340 |
| Underground..... | 3,525 | 746 | 747 | 72 | - | 51 | - | 300 | 5,441 |
| Surface..... | 256 | - | 440 | 341 | 324 | 220 | 175 | 143 | 1,899 |
| Tennessee | - | - | 63 | 251 | 93 | 29 | 41 | 69 | 546 |
| Underground..... | - | - | - | 135 | 28 | - | 13 | 26 | 202 |
| Surface..... | - | - | 63 | 116 | 65 | 29 | 28 | 43 | 344 |
| Texas | 2,614 | 173 | - | - | - | - | - | - | 2,787 |
| Surface..... | 2,614 | 173 | - | - | - | - | - | - | 2,787 |
| Utah | 1,441 | 169 | 101 | - | 20 | - | - | 91 | 1,822 |
| Underground..... | 1,441 | 169 | 101 | - | 20 | - | - | 83 | 1,814 |

See footnotes at end of table.

Table 19. Average Number of Employees at Underground and Surface Mines by State and Mine Production Range, 2010 (Continued)

| Coal-Producing State, Region ¹ , and Mine Type | Mine Production Range (thousand short tons) | | | | | | | | Total Number of Employees |
|---|---|---------------|---------------|--------------|--------------|--------------|--------------|-------------------|---------------------------|
| | 1,000 and Greater | 500 to 1,000 | 200 to 500 | 100 to 200 | 50 to 100 | 10 to 50 | Less Than 10 | Zero ² | |
| Utah (continued) | | | | | | | | | |
| Surface | - | - | - | - | - | - | - | 8 | 8 |
| Virginia | 940 | 320 | 1,579 | 747 | 211 | 438 | 96 | 626 | 4,957 |
| Underground | 940 | - | 1,116 | 584 | 133 | 276 | 43 | 435 | 3,527 |
| Surface | - | 320 | 463 | 163 | 78 | 162 | 53 | 191 | 1,430 |
| West Virginia Total | 8,359 | 3,626 | 4,346 | 1,510 | 284 | 637 | 145 | 2,184 | 21,091 |
| Underground | 5,604 | 2,339 | 3,827 | 1,281 | 218 | 366 | 79 | 1,422 | 15,136 |
| Surface | 2,755 | 1,287 | 519 | 229 | 66 | 271 | 66 | 762 | 5,955 |
| Northern | 4,092 | 211 | 216 | 145 | 49 | 60 | 36 | 251 | 5,060 |
| Underground | 3,862 | 167 | 216 | 98 | 22 | 29 | 23 | 153 | 4,570 |
| Surface | 230 | 44 | - | 47 | 27 | 31 | 13 | 98 | 490 |
| Southern | 4,267 | 3,415 | 4,130 | 1,365 | 235 | 577 | 109 | 1,933 | 16,031 |
| Underground | 1,742 | 2,172 | 3,611 | 1,183 | 196 | 337 | 56 | 1,269 | 10,566 |
| Surface | 2,525 | 1,243 | 519 | 182 | 39 | 240 | 53 | 664 | 5,465 |
| Wyoming | 6,821 | - | 18 | - | - | 4 | 14 | - | 6,857 |
| Underground | 213 | - | - | - | - | - | - | - | 213 |
| Surface | 6,608 | - | 18 | - | - | 4 | 14 | - | 6,644 |
| Appalachian Total | 18,285 | 9,294 | 11,252 | 4,905 | 2,916 | 2,845 | 1,079 | 5,749 | 56,325 |
| Underground | 14,492 | 6,217 | 7,304 | 3,271 | 1,326 | 1,250 | 357 | 3,473 | 37,690 |
| Surface | 3,793 | 3,077 | 3,948 | 1,634 | 1,590 | 1,595 | 722 | 2,276 | 18,635 |
| Northern | 9,441 | 1,555 | 1,919 | 655 | 722 | 622 | 367 | 1,295 | 16,576 |
| Underground | 8,686 | 1,153 | 1,102 | 216 | 95 | 81 | 78 | 620 | 12,031 |
| Surface | 755 | 402 | 817 | 439 | 627 | 541 | 289 | 675 | 4,545 |
| Central | 6,402 | 7,081 | 8,708 | 4,071 | 1,944 | 2,146 | 706 | 4,350 | 35,408 |
| Underground | 3,365 | 4,675 | 6,202 | 3,029 | 1,201 | 1,145 | 279 | 2,793 | 22,689 |
| Surface | 3,037 | 2,406 | 2,506 | 1,042 | 743 | 1,001 | 427 | 1,557 | 12,719 |
| Southern | 2,442 | 658 | 625 | 179 | 250 | 77 | 6 | 104 | 4,341 |
| Underground | 2,441 | 389 | - | 26 | 30 | 24 | - | 60 | 2,970 |
| Surface | 1 | 269 | 625 | 153 | 220 | 53 | 6 | 44 | 1,371 |
| Interior Total | 11,710 | 1,226 | 618 | 197 | 161 | 139 | 17 | 600 | 14,668 |
| Underground | 6,855 | 804 | 120 | 47 | 23 | 74 | - | 412 | 8,335 |
| Surface | 4,855 | 422 | 498 | 150 | 138 | 65 | 17 | 188 | 6,333 |
| Illinois Basin | 8,613 | 1,053 | 500 | 83 | 161 | 71 | 2 | 600 | 11,083 |
| Underground | 6,855 | 804 | 91 | 4 | 23 | 47 | - | 412 | 8,236 |
| Surface | 1,758 | 249 | 409 | 79 | 138 | 24 | 2 | 188 | 2,847 |
| Western Total | 14,504 | 225 | 157 | 27 | 20 | 4 | 14 | 113 | 15,064 |
| Underground | 4,017 | 225 | 101 | 27 | 20 | - | - | 100 | 4,490 |
| Surface | 10,487 | - | 56 | - | - | 4 | 14 | 13 | 10,574 |
| Powder River Basin | 6,896 | - | - | - | - | - | - | - | 6,896 |
| Surface | 6,896 | - | - | - | - | - | - | - | 6,896 |
| Uinta Region | 3,562 | 169 | 101 | 27 | 20 | - | - | 97 | 3,976 |
| Underground | 3,099 | 169 | 101 | 27 | 20 | - | - | 89 | 3,505 |
| Surface | 463 | - | - | - | - | - | - | 8 | 471 |
| East of Miss. River | 27,130 | 10,347 | 11,752 | 4,988 | 3,077 | 2,916 | 1,081 | 6,349 | 67,640 |
| Underground | 21,347 | 7,021 | 7,395 | 3,275 | 1,349 | 1,297 | 357 | 3,885 | 45,926 |
| Surface | 5,783 | 3,326 | 4,357 | 1,713 | 1,728 | 1,619 | 724 | 2,464 | 21,714 |
| West of Miss. River | 17,369 | 398 | 275 | 141 | 20 | 72 | 29 | 113 | 18,417 |
| Underground | 4,017 | 225 | 130 | 70 | 20 | 27 | - | 100 | 4,589 |
| Surface | 13,352 | 173 | 145 | 71 | - | 45 | 29 | 13 | 13,828 |
| Subtotal | 44,499 | 10,745 | 12,027 | 5,129 | 3,097 | 2,988 | 1,110 | 6,462 | 86,057 |
| Underground | 25,364 | 7,246 | 7,525 | 3,345 | 1,369 | 1,324 | 357 | 3,985 | 50,515 |
| Surface | 19,135 | 3,499 | 4,502 | 1,784 | 1,728 | 1,664 | 753 | 2,477 | 35,542 |
| Refuse Recovery | - | - | 36 | 15 | 19 | 37 | 31 | - | 138 |
| U.S. Total | 44,499 | 10,745 | 12,063 | 5,144 | 3,116 | 3,025 | 1,141 | 6,462 | 86,195 |

¹ For a definition of coal producing regions, see Glossary.

² Includes all employees at preparation plants and tipples not co-located with a mine.

- = No data are reported.

Note: • Includes all employees engaged in production, preparation, processing, development, maintenance, repair shop, or yard work at mining operations, including office workers. Excludes preparation plants with less than 5,000 employee hours per year, which are not required to provide data.

Source: • U.S. Department of Labor, Mine Safety and Health Administration Form 7000-2, "Quarterly Mine Employment and Coal Production Report."