**Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY**

**JANUARY - DECEMBER 2018 (FINAL)**

| | Underground Mines | | | | | | Surface Operations | | | | | | MILLS AND PREP PLANTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | |
| STATE AND MINERAL INDUSTRY | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS |
| **ALABAMA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | 4 | 674 | - | - | - | - | 25 | 51,317 |
| NONMETAL | - | - | - | - | - | - | - | - | - | 69 | 124,032 | - | - | 1 | - | 152 | 315,912 |
| STONE | - | - | - | 10 | 16,733 | - | - | 7 | 3 | 674 | 1,424,150 | - | 1 | 21 | 9 | 1,425 | 3,368,590 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 3 | 1 | 520 | 1,121,175 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | 10 | 16,733 | - | - | 10 | 4 | 1,267 | 2,670,031 | - | 1 | 22 | 9 | 1,602 | 3,735,819 |
| **COAL** | - | 90 | 22 | 2,032 | 4,804,205 | 12,199,405 | 1 | 6 | 5 | 513 | 1,192,442 | 2,481,205 | - | 4 | - | 287 | 695,410 |
| **ALASKA** | | | | | | | | | | | | | | | | | |
| METAL | - | 14 | 5 | 752 | 1,633,785 | - | - | 7 | 3 | 722 | 1,656,205 | - | - | 2 | 3 | 564 | 1,435,403 |
| NONMETAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| STONE | - | - | - | - | - | - | - | - | - | 109 | 180,021 | - | - | - | - | 9 | 18,934 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | - | 1 | 385 | 309,896 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 14 | 5 | 752 | 1,633,785 | - | - | 7 | 4 | 1,216 | 2,146,122 | - | - | 2 | 3 | 573 | 1,454,337 |
| **COAL** | - | - | - | - | - | - | - | - | - | 81 | 151,537 | 901,641 | - | - | - | 5 | 6,371 |
| **AMERICAN SAMOA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| STONE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAND AND GRAVEL | - | - | - | - | - | - | - | - | - | 9 | 21,031 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | - | - | 9 | 21,031 | - | - | - | - | - | - |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **ARIZONA** | | | | | | | | | | | | | | | | | |
| METAL | - | 1 | 2 | 282 | 378,823 | - | - | 99 | 26 | 4,290 | 9,042,335 | - | - | 38 | 16 | 3,843 | 7,517,584 |
| NONMETAL | - | - | - | - | - | - | - | 1 | 1 | 59 | 101,918 | - | - | - | - | 62 | 141,178 |
| STONE | - | - | - | - | - | - | - | 7 | 1 | 520 | 1,001,760 | - | - | 2 | 1 | 256 | 536,813 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 21 | 8 | 1,335 | 2,487,831 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 1 | 2 | 282 | 378,823 | - | - | 128 | 36 | 6,204 | 12,633,844 | - | - | 40 | 17 | 4,161 | 8,195,575 |
| **COAL** | - | - | - | - | - | - | - | 4 | - | 336 | 833,148 | 6,550,417 | - | - | 1 | 72 | 153,378 |
| **ARKANSAS** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | 14 | 31,092 | - | - | 7 | 4 | 253 | 509,353 |
| NONMETAL | - | - | - | - | - | - | - | 2 | - | 145 | 255,033 | - | - | 3 | 3 | 84 | 190,224 |
| STONE | - | 1 | - | 48 | 102,575 | - | - | 9 | 2 | 819 | 1,721,031 | - | - | 9 | 3 | 513 | 1,212,961 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 4 | 1 | 323 | 669,305 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 1 | - | 48 | 102,575 | - | - | 15 | 3 | 1,301 | 2,676,461 | - | - | 19 | 10 | 850 | 1,912,538 |
| **COAL** | - | - | - | - | - | - | - | - | - | 4 | 3,159 | - | - | - | - | - | - |

**Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY**

**JANUARY - DECEMBER 2018 (FINAL)**

| | Underground Mines | | | | | | Surface Operations | | | | | | MILLS AND PREP PLANTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | |
| STATE AND MINERAL INDUSTRY | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS |
| **CALIFORNIA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | 15 | 21,475 | - | - | 12 | 2 | 425 | 913,107 | - | - | 6 | 3 | 231 | 431,055 |
| NONMETAL | - | - | - | 9 | 6,023 | - | - | 11 | 5 | 573 | 1,061,929 | - | - | 12 | 2 | 753 | 1,356,336 |
| STONE | - | - | - | - | - | - | - | 16 | 8 | 1,046 | 2,003,243 | - | - | 12 | 7 | 1,175 | 2,384,895 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 37 | 8 | 2,807 | 5,663,273 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | 24 | 27,498 | - | - | 76 | 23 | 4,851 | 9,641,552 | - | - | 30 | 12 | 2,159 | 4,172,286 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **COLORADO** | | | | | | | | | | | | | | | | | |
| METAL | - | 1 | 1 | 200 | 357,481 | - | - | 11 | 2 | 463 | 1,013,230 | - | - | 9 | 3 | 488 | 1,023,927 |
| NONMETAL | - | - | - | 10 | 9,854 | - | - | 1 | - | 64 | 102,884 | - | - | - | - | 7 | 11,154 |
| STONE | - | 1 | - | 43 | 95,726 | - | - | 18 | 9 | 425 | 825,632 | - | - | 9 | 1 | 306 | 585,453 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 11 | 4 | 1,118 | 1,857,926 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 2 | 1 | 253 | 463,061 | - | - | 41 | 15 | 2,070 | 3,799,672 | - | - | 18 | 4 | 801 | 1,620,534 |
| **COAL** | - | 5 | 7 | 709 | 1,535,721 | 10,414,151 | - | 3 | 1 | 369 | 739,473 | 3,611,357 | - | 1 | - | 86 | 182,360 |
| **COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| STONE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAND AND GRAVEL | - | - | - | - | - | - | - | - | - | 104 | 219,114 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | - | - | 104 | 219,114 | - | - | - | - | - | - |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **CONNECTICUT** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | 1 | 394 | - | - | - | - | - | - |
| STONE | - | - | - | - | - | - | - | - | 4 | 315 | 536,486 | - | - | 2 | 1 | 114 | 225,226 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 2 | - | 195 | 289,912 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 2 | 4 | 511 | 826,792 | - | - | 2 | 1 | 114 | 225,226 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **DELAWARE** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 27 | 63,850 |
| NONMETAL | - | - | - | - | - | - | - | - | - | 4 | 4,949 | - | - | - | - | 3 | 7,364 |
| STONE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 1 | - | 43 | 83,861 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 1 | - | 47 | 88,810 | - | - | - | - | 30 | 71,214 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

**Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY**

**JANUARY - DECEMBER 2018 (FINAL)**

| | Underground Mines | | | | | | Surface Operations | | | | | | MILLS AND PREP PLANTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | |
| STATE AND MINERAL INDUSTRY | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS |
| **FLORIDA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | 1 | - | 37 | 81,186 | - | - | 1 | 1 | 160 | 342,576 |
| NONMETAL | - | - | - | - | - | - | - | 8 | 6 | 859 | 1,904,865 | - | - | 10 | 1 | 554 | 1,233,656 |
| STONE | - | - | - | - | - | - | - | 17 | 5 | 1,127 | 2,674,687 | - | - | 18 | 7 | 1,079 | 2,445,661 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 8 | 2 | 434 | 841,681 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 34 | 13 | 2,457 | 5,502,419 | - | - | 29 | 9 | 1,793 | 4,021,893 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **GEORGIA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | 2 | 1 | 314 | 667,910 | - | - | 26 | 11 | 2,088 | 4,393,474 |
| STONE | - | 2 | 1 | 107 | 223,032 | - | - | 8 | 4 | 791 | 1,649,093 | - | - | 12 | 4 | 1,008 | 2,326,662 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 3 | 2 | 259 | 518,141 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 2 | 1 | 107 | 223,032 | - | - | 13 | 7 | 1,364 | 2,835,144 | - | - | 38 | 15 | 3,096 | 6,720,136 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **GUAM** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| STONE | - | - | - | - | - | - | - | - | - | 64 | 39,981 | - | - | - | - | 53 | 33,982 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | - | - | 52 | 83,640 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | - | - | 116 | 123,621 | - | - | - | - | 53 | 33,982 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **HAWAII** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| STONE | - | - | - | - | - | - | - | 4 | 2 | 250 | 508,456 | - | - | 5 | - | 24 | 55,175 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | - | - | 46 | 46,043 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 4 | 2 | 296 | 554,499 | - | - | 5 | - | 24 | 55,175 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **IDAHO** | | | | | | | | | | | | | | | | | |
| METAL | - | 1 | - | 37 | 40,337 | - | - | - | - | 3 | 4,300 | - | - | - | - | 44 | 77,345 |
| NONMETAL | - | - | - | - | - | - | - | - | - | 7 | 5,218 | - | - | 1 | 1 | 25 | 50,396 |
| STONE | - | - | - | - | - | - | - | 2 | 1 | 180 | 217,984 | - | - | - | - | 8 | 11,973 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 4 | 6 | 516 | 742,987 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 1 | - | 37 | 40,337 | - | - | 6 | 7 | 706 | 970,489 | - | - | 1 | 1 | 77 | 139,714 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

**Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY**

**JANUARY - DECEMBER 2018 (FINAL)**

| | Underground Mines | | | | | | Surface Operations | | | | | | MILLS AND PREP PLANTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | |
| STATE AND MINERAL INDUSTRY | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS |
| **ILLINOIS** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17 | 34,997 |
| NONMETAL | - | - | - | - | - | - | - | 4 | 1 | 240 | 464,290 | - | - | 8 | 2 | 375 | 807,559 |
| STONE | - | 4 | 1 | 203 | 449,036 | - | - | 10 | 3 | 733 | 1,421,246 | - | - | 8 | 4 | 732 | 1,577,116 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 4 | 1 | 428 | 751,071 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 4 | 1 | 203 | 449,036 | - | - | 18 | 5 | 1,401 | 2,636,607 | - | - | 16 | 6 | 1,124 | 2,419,672 |
| **COAL** | - | 43 | 54 | 2,322 | 5,507,852 | 46,072,226 | - | 5 | - | 313 | 736,734 | 3,515,972 | - | 5 | 3 | 366 | 801,339 |
| **INDIANA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 7,821 |
| NONMETAL | - | - | - | 31 | 50,156 | - | - | - | - | 22 | 41,667 | - | - | 3 | - | 52 | 104,403 |
| STONE | - | 1 | - | 157 | 371,590 | - | - | 17 | 3 | 651 | 1,308,725 | - | - | 20 | 12 | 1,169 | 2,595,266 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 10 | 1 | 565 | 1,137,598 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 1 | - | 188 | 421,746 | - | - | 27 | 4 | 1,238 | 2,487,990 | - | - | 23 | 12 | 1,224 | 2,707,490 |
| **COAL** | 1 | 49 | 24 | 1,321 | 3,422,200 | 17,355,793 | 1 | 16 | 3 | 1,271 | 2,930,808 | 16,980,732 | - | 3 | 5 | 302 | 744,454 |
| **IOWA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11 | 9,064 |
| NONMETAL | - | 16 | 5 | 212 | 427,616 | - | - | - | - | 60 | 106,440 | - | - | - | - | 173 | 321,681 |
| STONE | - | 2 | 3 | 247 | 569,650 | - | - | 10 | 1 | 857 | 1,494,087 | - | - | 12 | 5 | 454 | 953,687 |
| SAND AND GRAVEL | - | - | - | - | - | - | 1 | 6 | 2 | 486 | 746,815 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 18 | 8 | 459 | 997,266 | - | 1 | 16 | 3 | 1,403 | 2,347,342 | - | - | 12 | 5 | 638 | 1,284,432 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **KANSAS** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | 4 | - | 113 | 258,660 | - | - | - | - | 25 | 46,751 | - | - | 1 | - | 78 | 128,376 |
| STONE | - | - | - | 11 | 19,427 | - | - | 9 | 5 | 556 | 922,563 | - | - | - | 4 | 287 | 566,266 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 3 | 2 | 316 | 470,724 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 4 | - | 124 | 278,087 | - | - | 12 | 7 | 897 | 1,440,038 | - | - | 1 | 4 | 365 | 694,642 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **KENTUCKY** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | 36 | 60,177 | - | - | 1 | - | 52 | 109,370 |
| STONE | - | 14 | 7 | 485 | 981,493 | - | - | 5 | 5 | 634 | 1,338,389 | - | - | 12 | 7 | 1,058 | 1,912,108 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 5 | 1 | 132 | 287,304 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 14 | 7 | 485 | 981,493 | - | - | 10 | 6 | 802 | 1,685,870 | - | - | 13 | 7 | 1,110 | 2,021,478 |
| **COAL** | 1 | 166 | 70 | 4,227 | 10,264,896 | 30,963,537 | - | 20 | 4 | 1,396 | 3,067,494 | 8,814,430 | - | 17 | 8 | 903 | 2,123,591 |

**Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY**

**JANUARY - DECEMBER 2018 (FINAL)**

| | Underground Mines | | | | | | Surface Operations | | | | | | MILLS AND PREP PLANTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | |
| STATE AND MINERAL INDUSTRY | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS |
| **LOUISIANA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 | 7 | 655 | 1,558,683 |
| NONMETAL | - | 8 | 2 | 374 | 831,184 | - | - | - | - | 74 | 227,433 | - | - | 1 | - | 234 | 510,494 |
| STONE | - | - | - | - | - | - | - | - | - | 8 | 13,678 | - | - | - | - | 2 | 375 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 6 | 3 | 589 | 1,165,410 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 8 | 2 | 374 | 831,184 | - | - | 6 | 3 | 671 | 1,406,521 | - | - | 13 | 7 | 891 | 2,069,552 |
| **COAL** | - | - | - | - | - | - | - | 1 | - | 313 | 711,397 | 1,483,241 | - | - | - | - | - |
| **MAINE** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | 4 | 951 | - | - | - | - | 3 | 2,555 | - | - | - | - | - | - |
| STONE | - | - | - | - | - | - | - | - | - | 172 | 256,413 | - | - | 1 | 2 | 81 | 162,735 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | - | 1 | 578 | 625,868 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | 4 | 951 | - | - | - | 1 | 753 | 884,836 | - | - | 1 | 2 | 81 | 162,735 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **MARYLAND** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | 26 | 28,193 | - | - | - | - | - | - |
| STONE | - | - | - | 16 | 22,425 | - | - | 3 | 3 | 224 | 478,296 | - | - | 7 | 8 | 497 | 1,057,620 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 5 | 2 | 229 | 437,960 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | 16 | 22,425 | - | - | 8 | 5 | 479 | 944,449 | - | - | 7 | 8 | 497 | 1,057,620 |
| **COAL** | - | 5 | 3 | 132 | 256,645 | 435,808 | - | - | - | 127 | 236,513 | 862,300 | - | - | 2 | 39 | 80,555 |
| **MASSACHUSETTS** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | 17 | 33,294 | - | - | - | - | - | - |
| STONE | - | - | - | - | - | - | - | 11 | 4 | 362 | 699,043 | - | - | 1 | - | 251 | 522,255 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 2 | 1 | 329 | 424,811 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 13 | 5 | 708 | 1,157,148 | - | - | 1 | - | 251 | 522,255 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **MICHIGAN** | | | | | | | | | | | | | | | | | |
| METAL | - | 1 | - | 26 | 57,014 | - | - | 9 | 2 | 446 | 841,548 | - | - | 7 | 2 | 482 | 1,022,457 |
| NONMETAL | - | - | - | 51 | 134,367 | - | - | 2 | - | 88 | 173,284 | - | - | - | - | 17 | 36,367 |
| STONE | - | - | - | - | - | - | 1 | 10 | 2 | 277 | 570,890 | - | - | 5 | 4 | 560 | 1,280,457 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 8 | 4 | 1,204 | 1,941,651 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 1 | - | 77 | 191,381 | - | 1 | 29 | 8 | 2,015 | 3,527,373 | - | - | 12 | 6 | 1,059 | 2,339,281 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

**Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY**

**JANUARY - DECEMBER 2018 (FINAL)**

| | Underground Mines | | | | | | Surface Operations | | | | | | MILLS AND PREP PLANTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | |
| STATE AND MINERAL INDUSTRY | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS |
| **MINNESOTA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | 28 | 4 | 2,023 | 4,222,497 | - | - | 25 | 19 | 1,686 | 3,733,961 |
| NONMETAL | - | - | - | - | - | - | - | - | - | 57 | 103,605 | - | - | - | 1 | 16 | 33,688 |
| STONE | - | - | - | - | - | - | - | 5 | 5 | 292 | 498,380 | - | - | 5 | 1 | 158 | 334,514 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 4 | 9 | 1,359 | 1,491,523 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 37 | 18 | 3,731 | 6,316,005 | - | - | 30 | 21 | 1,860 | 4,102,163 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **MISSISSIPPI** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | 25 | 32,108 | - | - | 2 | 1 | 300 | 664,636 |
| STONE | - | - | - | - | - | - | - | - | - | 10 | 13,611 | - | - | - | - | 8 | 5,474 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 8 | 5 | 522 | 1,096,743 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 8 | 5 | 557 | 1,142,462 | - | - | 2 | 1 | 308 | 670,110 |
| **COAL** | - | - | - | - | - | - | - | - | 1 | 245 | 504,030 | 2,939,738 | - | - | - | - | - |
| **MISSOURI** | | | | | | | | | | | | | | | | | |
| METAL | - | 22 | 10 | 583 | 1,234,776 | - | - | - | - | - | - | - | - | 1 | 1 | 87 | 188,336 |
| NONMETAL | - | 2 | 1 | 35 | 68,910 | - | - | 1 | - | 77 | 119,670 | - | - | 12 | 1 | 475 | 974,959 |
| STONE | - | 5 | 2 | 345 | 819,528 | - | - | 20 | 4 | 1,251 | 2,313,163 | - | - | 32 | 26 | 2,100 | 4,321,494 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 2 | 1 | 277 | 453,270 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 29 | 13 | 963 | 2,123,214 | - | - | 23 | 5 | 1,605 | 2,886,103 | - | - | 45 | 28 | 2,662 | 5,484,789 |
| **COAL** | - | - | - | - | - | - | - | - | - | 16 | 36,566 | 258,902 | - | - | - | - | - |
| **MONTANA** | | | | | | | | | | | | | | | | | |
| METAL | - | 34 | 18 | 1,583 | 2,975,010 | - | - | 1 | 1 | 202 | 397,336 | - | - | - | 2 | 334 | 704,701 |
| NONMETAL | - | - | - | - | - | - | - | 2 | 1 | 78 | 143,626 | - | - | 11 | 4 | 163 | 331,589 |
| STONE | - | - | - | - | - | - | 1 | 10 | 4 | 219 | 259,483 | - | - | 5 | - | 164 | 328,419 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 4 | 4 | 588 | 624,572 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 34 | 18 | 1,583 | 2,975,010 | - | 1 | 17 | 10 | 1,087 | 1,425,017 | - | - | 16 | 6 | 661 | 1,364,709 |
| **COAL** | - | 2 | - | 202 | 456,851 | 7,566,480 | - | 8 | 6 | 955 | 1,897,729 | 31,043,660 | - | - | - | 104 | 229,459 |
| **NEBRASKA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | 3 | 1,344 | - | - | - | - | - | - |
| STONE | - | 1 | 1 | 144 | 359,893 | - | - | 1 | 1 | 96 | 186,536 | - | - | 2 | 4 | 150 | 349,785 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 6 | 1 | 552 | 857,995 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 1 | 1 | 144 | 359,893 | - | - | 7 | 2 | 651 | 1,045,875 | - | - | 2 | 4 | 150 | 349,785 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

**Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY**

**JANUARY - DECEMBER 2018 (FINAL)**

| | Underground Mines | | | | | | Surface Operations | | | | | | MILLS AND PREP PLANTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | |
| STATE AND MINERAL INDUSTRY | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS |
| **NEVADA** | | | | | | | | | | | | | | | | | |
| METAL | 2 | 15 | 14 | 2,787 | 6,108,485 | - | - | 41 | 19 | 4,528 | 10,041,975 | - | - | 21 | 12 | 2,687 | 6,129,270 |
| NONMETAL | - | - | - | - | - | - | - | 3 | 2 | 305 | 523,624 | - | - | 11 | 10 | 527 | 974,537 |
| STONE | - | - | - | - | - | - | - | - | - | 185 | 339,226 | - | - | 3 | 2 | 192 | 425,018 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 3 | 1 | 587 | 1,056,499 | - | - | - | - | - | - |
| **TOTAL, M/NM** | 2 | 15 | 14 | 2,787 | 6,108,485 | - | - | 47 | 22 | 5,605 | 11,961,324 | - | - | 35 | 24 | 3,406 | 7,528,825 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **NEW HAMPSHIRE** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | 3 | 5,984 | - | - | - | - | - | - |
| STONE | - | - | - | - | - | - | - | 3 | 1 | 159 | 307,053 | - | - | 7 | - | 23 | 44,186 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 4 | 2 | 364 | 444,824 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 7 | 3 | 526 | 757,861 | - | - | 7 | - | 23 | 44,186 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **NEW JERSEY** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | 30 | 57,493 | - | - | 5 | - | 110 | 200,481 |
| STONE | - | - | - | - | - | - | - | 17 | 5 | 337 | 798,305 | - | - | 1 | 1 | 133 | 313,042 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 11 | 1 | 350 | 721,778 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 28 | 6 | 717 | 1,577,576 | - | - | 6 | 1 | 243 | 513,523 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **NEW MEXICO** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | 1 | 12 | 2 | 645 | 1,349,797 | - | - | 12 | - | 509 | 1,067,923 |
| NONMETAL | - | 2 | 3 | 290 | 586,272 | - | - | 6 | 1 | 178 | 307,562 | - | - | 2 | 2 | 383 | 793,214 |
| STONE | - | - | - | - | - | - | - | 3 | - | 302 | 523,506 | - | - | 1 | 2 | 85 | 163,600 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 3 | 1 | 418 | 632,523 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 2 | 3 | 290 | 586,272 | - | 1 | 24 | 4 | 1,543 | 2,813,388 | - | - | 15 | 4 | 977 | 2,024,737 |
| **COAL** | - | 4 | 1 | 265 | 430,649 | 1,848,018 | - | 1 | 2 | 517 | 1,089,126 | 8,944,028 | - | - | - | 83 | 179,627 |
| **NEW YORK** | | | | | | | | | | | | | | | | | |
| METAL | - | 1 | - | 70 | 144,663 | - | - | - | - | 16 | 33,271 | - | - | 2 | - | 72 | 177,273 |
| NONMETAL | - | 1 | 3 | 443 | 903,060 | - | - | - | - | 73 | 73,999 | - | - | 8 | 2 | 192 | 399,861 |
| STONE | - | - | - | 22 | 49,557 | - | - | 16 | 3 | 866 | 1,599,199 | - | - | 6 | 4 | 643 | 1,356,471 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 10 | 5 | 1,268 | 1,737,651 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 2 | 3 | 535 | 1,097,280 | - | - | 26 | 8 | 2,223 | 3,444,120 | - | - | 16 | 6 | 907 | 1,933,605 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

**Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY**

**JANUARY - DECEMBER 2018 (FINAL)**

| | Underground Mines | | | | | | Surface Operations | | | | | | MILLS AND PREP PLANTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | |
| STATE AND MINERAL INDUSTRY | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS |
| **NORTH CAROLINA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | 1 | 957 | - | - | - | - | 4 | 7,220 |
| NONMETAL | - | - | - | - | - | - | - | 2 | - | 432 | 949,721 | - | - | 8 | 9 | 547 | 1,117,165 |
| STONE | - | - | - | - | - | - | - | 5 | 4 | 860 | 1,823,388 | - | - | 11 | 6 | 738 | 1,725,882 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 9 | 5 | 373 | 689,966 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 16 | 9 | 1,666 | 3,464,032 | - | - | 19 | 15 | 1,289 | 2,850,267 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **NORTH DAKOTA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | 8 | 10,300 | - | - | 1 | - | 17 | 38,022 |
| STONE | - | - | - | - | - | - | - | - | - | 1 | 830 | - | - | - | - | - | - |
| SAND AND GRAVEL | - | - | - | - | - | - | 1 | 2 | 2 | 451 | 463,102 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | 1 | 2 | 2 | 460 | 474,232 | - | - | 1 | - | 17 | 38,022 |
| **COAL** | - | - | - | - | - | - | - | 4 | 6 | 1,235 | 2,391,005 | 29,643,430 | - | - | - | 8 | 8,631 |
| **OHIO** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | 3 | 3 | 273 | 633,609 | - | - | 4 | - | 138 | 244,710 | - | - | 1 | - | 160 | 330,418 |
| STONE | - | 1 | 1 | 110 | 229,096 | - | - | 11 | 3 | 723 | 1,349,765 | - | - | 14 | 7 | 936 | 1,855,279 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 6 | 4 | 843 | 1,553,792 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 4 | 4 | 383 | 862,705 | - | - | 21 | 7 | 1,704 | 3,148,267 | - | - | 15 | 7 | 1,096 | 2,185,697 |
| **COAL** | - | 23 | 9 | 571 | 1,332,744 | 6,518,152 | - | 3 | - | 371 | 748,777 | 2,474,619 | - | 3 | 1 | 185 | 342,014 |
| **OKLAHOMA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | 2 | 2 | 229 | 479,012 | - | - | - | - | 42 | 84,430 |
| STONE | - | - | - | 19 | 42,858 | - | - | 13 | 7 | 1,181 | 2,327,017 | - | - | 16 | 6 | 749 | 1,660,037 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 7 | 3 | 494 | 912,806 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | 19 | 42,858 | - | - | 22 | 12 | 1,904 | 3,718,835 | - | - | 16 | 6 | 791 | 1,744,467 |
| **COAL** | - | 5 | 1 | 75 | 176,737 | 206,183 | - | 1 | - | 68 | 153,583 | 403,864 | - | - | - | 1 | 383 |
| **OREGON** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | 9 | 15,972 | - | - | - | - | 10 | 14,845 | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | 116 | 150,586 | - | - | 3 | - | 137 | 242,319 |
| STONE | - | - | - | - | - | - | - | 15 | 5 | 818 | 1,390,468 | - | - | 2 | - | 93 | 190,546 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 9 | 5 | 522 | 848,515 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | 9 | 15,972 | - | - | 24 | 10 | 1,466 | 2,404,414 | - | - | 5 | - | 230 | 432,865 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

**Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY**

**JANUARY - DECEMBER 2018 (FINAL)**

| | Underground Mines | | | | | | Surface Operations | | | | | | MILLS AND PREP PLANTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | |
| STATE AND MINERAL INDUSTRY | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS |
| **PENNSYLVANIA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | 116 | 242,472 |
| NONMETAL | - | - | - | - | - | - | - | - | - | 72 | 99,528 | - | - | 8 | 2 | 104 | 217,940 |
| STONE | - | 10 | 1 | 357 | 793,742 | - | - | 47 | 10 | 2,196 | 3,934,914 | - | 1 | 49 | 23 | 1,864 | 3,752,583 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 6 | 3 | 444 | 757,323 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 10 | 1 | 357 | 793,742 | - | - | 53 | 13 | 2,712 | 4,791,765 | - | 1 | 59 | 25 | 2,084 | 4,212,995 |
| BITUMINOUS COAL | 2 | 136 | 45 | 3,162 | 7,003,481 | 40,158,745 | - | 8 | - | 647 | 1,302,333 | 3,509,218 | - | 5 | 4 | 402 | 890,820 |
| ARTHRACITE COAL | - | - | - | 54 | 78,672 | 71,633 | - | 14 | 3 | 550 | 1,002,576 | 1,819,073 | 1 | 12 | 5 | 407 | 842,404 |
| **COAL** | 2 | 136 | 45 | 3,216 | 7,082,153 | 40,230,378 | - | 22 | 3 | 1,197 | 2,304,909 | 5,328,291 | 1 | 17 | 9 | 809 | 1,733,224 |
| **PUERTO RICO** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | 1 | - | 9 | 18,976 | - | - | - | - | - | - |
| STONE | - | - | - | - | - | - | - | 4 | - | 253 | 429,924 | - | - | 8 | 1 | 285 | 597,527 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 2 | - | 79 | 124,020 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 7 | - | 341 | 572,920 | - | - | 8 | 1 | 285 | 597,527 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **RHODE ISLAND** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 120 |
| STONE | - | - | - | - | - | - | - | - | - | 45 | 89,336 | - | - | - | 1 | 15 | 32,056 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | - | - | 132 | 226,709 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | - | - | 177 | 316,045 | - | - | - | 1 | 16 | 32,176 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **SOUTH CAROLINA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | 9 | 2 | 252 | 618,755 | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | 49 | 79,970 | - | - | 4 | - | 152 | 337,941 |
| STONE | - | - | - | - | - | - | - | 3 | 3 | 354 | 756,333 | - | - | 10 | 2 | 564 | 1,229,343 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 6 | 1 | 272 | 571,532 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 18 | 6 | 927 | 2,026,590 | - | - | 14 | 2 | 716 | 1,567,284 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **SOUTH DAKOTA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | 1 | 1 | 156 | 287,774 | - | - | - | - | 49 | 94,988 |
| NONMETAL | - | - | - | - | - | - | - | - | - | 9 | 11,145 | - | - | 5 | - | 39 | 65,799 |
| STONE | - | - | - | - | - | - | - | 2 | 6 | 212 | 415,260 | - | - | 7 | 2 | 186 | 409,681 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 5 | 5 | 394 | 472,758 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 8 | 12 | 771 | 1,186,937 | - | - | 12 | 2 | 274 | 570,468 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

**Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY**

**JANUARY - DECEMBER 2018 (FINAL)**

| | Underground Mines | | | | | | Surface Operations | | | | | | MILLS AND PREP PLANTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | |
| STATE AND MINERAL INDUSTRY | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS |
| **TENNESSEE** | | | | | | | | | | | | | | | | | |
| METAL | - | 9 | 6 | 722 | 1,529,444 | - | - | - | - | - | - | - | - | - | - | 94 | 206,527 |
| NONMETAL | - | - | - | - | - | - | - | - | - | 66 | 134,482 | - | - | 2 | 3 | 153 | 351,862 |
| STONE | - | 2 | 2 | 119 | 226,483 | - | - | 9 | 4 | 875 | 1,498,378 | - | - | 12 | 5 | 968 | 2,044,222 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 1 | - | 236 | 445,707 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 11 | 8 | 841 | 1,755,927 | - | - | 10 | 4 | 1,177 | 2,078,567 | - | - | 14 | 8 | 1,215 | 2,602,611 |
| **COAL** | - | 1 | 2 | 49 | 115,938 | 173,801 | - | - | - | 33 | 30,131 | 58,229 | - | - | 2 | 27 | 61,922 |
| **TEXAS** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | 2 | 548 | - | - | 2 | 1 | 45 | 97,828 |
| NONMETAL | - | 6 | 2 | 43 | 100,495 | - | - | 10 | 7 | 851 | 1,679,335 | - | - | 18 | 8 | 986 | 2,172,818 |
| STONE | - | 1 | 1 | 16 | 30,618 | - | - | 42 | 19 | 3,975 | 8,806,147 | - | - | 59 | 16 | 2,429 | 5,734,793 |
| SAND AND GRAVEL | - | - | - | - | - | - | 3 | 64 | 18 | 4,378 | 9,655,467 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 7 | 3 | 59 | 131,113 | - | 3 | 116 | 44 | 9,206 | 20,141,497 | - | - | 79 | 25 | 3,460 | 8,005,439 |
| **COAL** | - | - | - | - | - | - | - | 3 | 9 | 1,714 | 3,823,137 | 24,822,522 | - | - | - | - | - |
| **UTAH** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | 38 | 69,271 | - | - | 4 | 7 | 1,118 | 2,485,267 | - | - | 3 | 9 | 430 | 867,629 |
| NONMETAL | - | 1 | 3 | 105 | 188,303 | - | - | 2 | 5 | 329 | 578,557 | - | - | 4 | 5 | 298 | 542,460 |
| STONE | - | - | - | - | - | - | - | 2 | 1 | 253 | 411,388 | - | - | 3 | 6 | 213 | 389,322 |
| SAND AND GRAVEL | - | - | - | - | - | - | 1 | 9 | 6 | 1,420 | 2,083,819 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 1 | 3 | 143 | 257,574 | - | 1 | 17 | 19 | 3,120 | 5,559,031 | - | - | 10 | 20 | 941 | 1,799,411 |
| **COAL** | - | 25 | 18 | 1,147 | 2,477,458 | 13,103,573 | - | 1 | 2 | 32 | 98,837 | 493,532 | - | 1 | - | 79 | 168,699 |
| **VERMONT** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | 27 | 18,258 | - | - | 2 | - | 23 | 46,302 |
| STONE | - | 1 | - | 33 | 72,093 | - | - | 5 | 1 | 353 | 536,032 | - | - | 5 | 1 | 240 | 463,860 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | - | - | 249 | 249,058 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 1 | - | 33 | 72,093 | - | - | 5 | 1 | 629 | 803,348 | - | - | 7 | 1 | 263 | 510,162 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **VIRGIN ISLANDS OF THE U S** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| STONE | - | - | - | - | - | - | - | 2 | 1 | 24 | 53,039 | - | - | - | - | - | - |
| SAND AND GRAVEL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | - | - | - | - | - | 2 | 1 | 24 | 53,039 | - | - | - | - | - | - |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

**Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY**

**JANUARY - DECEMBER 2018 (FINAL)**

| | Underground Mines | | | | | | Surface Operations | | | | | | MILLS AND PREP PLANTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | |
| STATE AND MINERAL INDUSTRY | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS |
| **VIRGINIA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | - | - | - | - | - | - | - | 2 | 52 | 73,639 | - | - | 5 | 2 | 198 | 385,603 |
| STONE | - | - | 1 | 32 | 63,061 | - | 1 | 13 | 4 | 743 | 1,530,942 | - | - | 21 | 5 | 1,215 | 2,566,495 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 2 | 1 | 260 | 421,926 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | 1 | 32 | 63,061 | - | 1 | 15 | 7 | 1,055 | 2,026,507 | - | - | 26 | 7 | 1,413 | 2,952,098 |
| **COAL** | - | 45 | 25 | 1,800 | 4,054,655 | 9,443,336 | - | 8 | 5 | 751 | 1,531,390 | 3,568,724 | - | 4 | 2 | 355 | 791,763 |
| **WASHINGTON** | | | | | | | | | | | | | | | | | |
| METAL | - | - | 6 | 180 | 336,520 | - | - | - | - | 4 | 481 | - | - | 1 | - | 68 | 130,728 |
| NONMETAL | - | - | - | - | - | - | - | 1 | - | 75 | 121,185 | - | - | - | - | 45 | 99,415 |
| STONE | - | - | - | - | - | - | - | 7 | 5 | 367 | 577,770 | - | - | 5 | 7 | 219 | 405,399 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 18 | 8 | 1,007 | 1,622,246 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | - | 6 | 180 | 336,520 | - | - | 26 | 13 | 1,453 | 2,321,682 | - | - | 6 | 7 | 332 | 635,542 |
| **COAL** | - | - | - | - | - | - | - | - | 2 | 32 | 58,282 | - | - | - | - | - | - |
| **WEST VIRGINIA** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 7 | 17,864 |
| NONMETAL | - | - | - | - | - | - | - | - | - | 12 | 21,202 | - | - | 2 | 2 | 113 | 217,837 |
| STONE | - | 2 | - | 84 | 193,827 | - | - | 6 | 3 | 195 | 378,749 | - | - | 4 | 2 | 362 | 695,640 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 1 | - | 13 | 27,970 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 2 | - | 84 | 193,827 | - | - | 7 | 3 | 220 | 427,921 | - | - | 6 | 5 | 482 | 931,341 |
| **COAL** | 2 | 472 | 157 | 9,724 | 22,678,556 | 76,583,013 | 2 | 48 | 16 | 2,883 | 6,809,081 | 23,420,641 | - | 31 | 17 | 1,784 | 4,093,587 |
| **WISCONSIN** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | 1 | 1 | 29 | 62,663 | - | - | 14 | 8 | 940 | 1,901,699 | - | - | 22 | 6 | 800 | 1,722,728 |
| STONE | - | - | - | - | - | - | - | 19 | 6 | 904 | 1,573,591 | - | - | 14 | 4 | 444 | 979,382 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 9 | 4 | 1,174 | 1,679,357 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 1 | 1 | 29 | 62,663 | - | - | 42 | 18 | 3,018 | 5,154,647 | - | - | 36 | 10 | 1,244 | 2,702,110 |
| **COAL** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **WYOMING** | | | | | | | | | | | | | | | | | |
| METAL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NONMETAL | - | 13 | 7 | 783 | 1,480,897 | - | - | 4 | 3 | 403 | 822,258 | - | - | 12 | 8 | 1,592 | 3,314,377 |
| STONE | - | - | - | - | - | - | - | 1 | 2 | 103 | 202,208 | - | - | 4 | 1 | 138 | 305,800 |
| SAND AND GRAVEL | - | - | - | - | - | - | - | 4 | 5 | 453 | 478,550 | - | - | - | - | - | - |
| **TOTAL, M/NM** | - | 13 | 7 | 783 | 1,480,897 | - | - | 9 | 10 | 959 | 1,503,016 | - | - | 16 | 9 | 1,730 | 3,620,177 |
| **COAL** | - | 3 | - | 169 | 345,251 | 2,210,433 | - | 22 | 13 | 5,215 | 10,748,525 | 301,977,169 | - | - | - | 79 | 163,684 |

**Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY**

**JANUARY - DECEMBER 2018 (FINAL)**

| | Underground Mines | | | | | | Surface Operations | | | | | | MILLS AND PREP PLANTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | | | NUMBER OF INJURIES | | | | |
| STATE AND MINERAL INDUSTRY | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS | Production | Fatal | NFDL | NDL | AVG # EMP | EMP HRS |
| **NATION** | | | | | | | | | | | | | | | | | |
| METAL | 2 | 99 | 62 | 7,284 | 14,903,056 | - | 1 | 235 | 71 | 15,361 | 33,037,180 | - | - | 151 | 84 | 12,991 | 27,752,152 |
| NONMETAL | - | 57 | 30 | 2,805 | 5,743,020 | - | - | 83 | 45 | 7,332 | 14,176,794 | - | - | 215 | 86 | 12,282 | 25,378,465 |
| STONE | - | 48 | 21 | 2,608 | 5,732,443 | - | 3 | 444 | 172 | 28,946 | 56,209,795 | - | 2 | 462 | 214 | 26,375 | 56,514,060 |
| SAND AND GRAVEL | - | - | - | - | - | - | 6 | 358 | 151 | 32,481 | 55,347,029 | - | - | - | - | - | - |
| **TOTAL, M/NM** | 2 | 204 | 113 | 12,697 | 26,378,519 | - | 10 | 1,120 | 439 | 84,120 | 158,770,798 | - | 2 | 828 | 384 | 51,648 | 109,644,677 |
| **COAL** | 6 | 1,074 | 438 | 27,961 | 64,942,511 | 275,324,287 | 4 | 176 | 78 | 19,987 | 42,827,813 | 480,578,644 | 1 | 86 | 50 | 5,574 | 12,560,451 |