Table: Employment, Average Annual Wage, and Number of Projected Openings for Occupations in Coal Mining (NAICS 2121) in Wyoming and Surrounding States, 2018

| | Total, All Industries | | | | | | | | | | |
|---------|---------------------------------------------------------------------------------|--------------|----------------------------------------------------------|----------------------------|----------------------|--------------------------|-----------------------|----------------------|-------------------------|-----------------------|--------------------------|
| SOCCode | SOCTitle | data sort | data | Wyoming - Coal Industry | Wyoming | Colorado | Idaho | Montana | Nebraska | South Dakota | Utah |
| 11-1021 | General & Operations | 1 | Employment | 30 | 5,250 | 39,200 | 13,190 | 5,380 | 16,950 | 3,670 | 44,760 |
| | Managers | 2 | Projected Opening Next 2 Years | | 180 | 2,030 | 590 | 90 | 320 | 110 | 2,680 |
| | | 3 | Average Annual Wage | \$182,340 | \$105,920 | \$131,920 | \$79,370 | \$98,990 | \$96,900 | \$125,490 | \$82,370 |
| 11-3011 | Administrative Services Managers | 1 2 3 | Employment Projected Opening Next 2 Years Average Annual | ND ND | 160 0 \$94,590 | 2,390 90 \$119,650 | 930 60 \$75,220 | 230 0 \$85,860 | 1,840 50 \$89,410 | 350 10 \$83,160 | 2,320 130 \$85,310 |
| 11-3031 | Financial Managers | 1 | Wage Employment | ND | 680 | 7,520 | 2,820 | 790 | 3,340 | 680 | 6,900 |
| | Ü | 2 | Projected Opening Next 2 Years | ND | 20 \$116,920 | 380 \$163,740 | 120 \$95,690 | 20 \$109,940 | 120 \$113,910 | \$122,020 | 460 \$110,750 |
| 44 2054 | la disabelal Dan disable a | | Average Annual Wage | | . , | | | | . , | | |
| 11-3051 | Industrial Production Managers | 2 | Employment Projected Opening Next 2 Years | 40 | 400 | 1,160 30 | 710 20 | 140 0 | 1,110 30 | 430 20 | 1,810 120 |
| | | 3 | Average Annual Wage | \$129,552 | \$126,920 | \$128,380 | \$101,150 | \$127,380 | \$100,900 | \$101,810 | \$94,590 |
| 11-3061 | Purchasing Managers | 1 2 | Employment Projected Opening Next 2 Years | ND | 30 10 | 800 30 | 300 20 | 60 0 | 450 0 | 50 ND | 450 30 |
| | | 3 | Average Annual Wage | ND | \$102,770 | \$144,090 | \$97,830 | \$102,830 | \$104,240 | \$139,200 | \$102,250 |
| 11-3071 | Transportation, Storage, & Distribution Managers | 1 2 | Employment Projected Opening Next 2 Years | ND | 200 | 1,330 30 | 570 20 | 140 0 | 1,920 10 | 200 10 | 1,720 130 |
| | | 3 | Average Annual Wage | ND | \$91,070 | \$118,580 | \$78,130 | \$89,920 | \$98,250 | \$95,330 | \$82,110 |
| 11-3121 | Human Resources Managers | 1 2 | Employment Projected Opening Next 2 Years | ND | 160 10 | 1,780 70 | 670 40 | 270 10 | 990 20 | 250 10 | 1,340 70 |
| | | 3 | Average Annual Wage | ND | \$97,760 | \$143,460 | \$85,290 | \$99,360 | \$107,500 | \$96,480 | \$104,440 |
| 11-3131 | Training & Development Managers | 1 2 | Employment Projected Opening Next 2 Years | ND | ND ND | 470 20 | 100 10 | ND ND | 400 0 | ND ND | 530 30 |
| | | 3 | Average Annual Wage | ND | ND | \$122,310 | \$79,750 | ND | \$95,540 | ND | \$94,410 |
| 11-9041 | Architectural & Engineering Managers | 1 | Employment Projected Opening Next 2 Years | 10 | 180 0 | 3,350 100 | 1,380 50 | 260 10 | 660 20 | 110 0 | 2,230 130 |
| | | 3 | Average Annual Wage | \$130,356 | \$130,590 | \$172,300 | \$117,930 | \$125,330 | \$126,970 | \$130,230 | \$128,980 |
| 11-9141 | Property, Real Estate, & Community Association Managers | 2 | Employment Projected Opening Next 2 Years | ND | 390 10 | 1,920 220 | 1,820 90 | 960 40 | 1,100 40 | 860 30 | 2,770 310 |
| | | 3 | Average Annual Wage | ND | \$59,750 | \$92,900 | \$36,800 | \$47,980 | \$53,550 | \$40,010 | \$47,850 |
| 11-9199 | Managers, All Other | 1 2 | Employment Projected Opening Next 2 Years | ND | 770 20 | 8,940 630 | 1,350 20 | 1,100 30 | 1,700 100 | 370 10 | 3,310 280 |
| | | 3 | Average Annual Wage | ND | \$100,310 | \$138,490 | \$85,070 | \$76,990 | \$101,380 | \$99,030 | \$102,290 |
| 13-1020 | Buyers & Purchasing Agents | 1 2 | Employment Projected Opening Next 2 Years | 10 | 460 | 8,740 | 1,750 | 1,340 | 2,670 | 1,280 | 4,100 |
| | | 3 | Average Annual Wage | \$83,343 | \$66,200 | \$66,990 | \$55,110 | \$50,670 | \$63,170 | \$61,030 | \$61,580 |
| 13-1041 | Compliance Officers, Except Agriculture, Construction, Health & Safety, & | 1 | Employment Projected Opening Next 2 Years | 10 | 400 10 | 6,430 190 | 1,180 20 | 1,060 10 | 3,410 200 | 920 20 | 3,030 140 |
| | Transportation | 3 | Average Annual Wage | \$93,183 | \$67,370 | \$73,710 | \$59,420 | \$62,620 | \$68,610 | \$57,930 | \$59,470 |
| 13-1071 | Human Resources | 1 | Employment | 20 | 800 | 12,550 | 1,790 | 1,560 | 4,750 | 1,030 | 6,030 |

Table: Employment, Average Annual Wage, and Number of Projected Openings for Occupations in Coal Mining (NAICS 2121) in Wyoming and Surrounding States, 2018

| | | | | Wyoming - Coal Industry | Total, All Industries | | | | | | | |
|---------|-----------------------------------------------|---------------|-----------------------------------------------|----------------------------|-----------------------|-----------------|--------------|-------------|----------------|--------------|---------------|--|
| SOCCode | SOCTitle | data _sort | | | Wyoming | Colorado | Idaho | Montana | Nebraska | South Dakota | Utah | |
| | Specialists | 2 | Projected Opening | | 20 | 410 | 50 | 10 | 100 | 10 | 330 | |
| | | 3 | Next 2 Years Average Annual Wage | \$89,456 | \$57,360 | \$69,420 | \$62,240 | \$53,980 | \$58,720 | \$54,320 | \$56,960 | |
| 13-1151 | Training & Development | 1 | Employment | ND | 390 | 6,260 | 1,180 | 720 | 2,620 | 510 | 4,790 | |
| | Specialists | 2 | Projected Opening Next 2 Years | | 10 | 260 | 60 | 20 | 70 | 10 | 310 | |
| | | 3 | Average Annual Wage | ND | \$64,430 | \$72,210 | \$58,730 | \$58,330 | \$58,740 | \$50,700 | \$54,480 | |
| 13-1199 | Business Operations Specialists, All Other | 2 | Employment Projected Opening Next 2 Years | ND | 1,180 20 | 43,800 1,860 | 2,890 -20 | 3,400 50 | 4,470 220 | 700 20 | 10,210 300 | |
| | | 3 | Average Annual Wage | ND | \$69,740 | \$82,130 | \$67,630 | \$66,290 | \$74,370 | \$70,830 | \$72,100 | |
| 13-2011 | Accountants & Auditors | 1 | Employment | 20 | 1,810 | 36,290 | 3,900 | 3,260 | 8,170 | 4,480 | 9,580 | |
| | | 2 | Projected Opening Next 2 Years | | 40 | 1,740 | 160 | 90 | 280 | 160 | 740 | |
| | | 3 | Average Annual Wage | \$84,743 | \$66,180 | \$82,320 | \$66,110 | \$66,410 | \$67,920 | \$65,800 | \$70,980 | |
| 15-1141 | Database Administrators | 1 | Employment | ND | 190 | 2,710 | 490 | 240 | 860 | 140 | 1,050 | |
| | | 2 | Projected Opening Next 2 Years | | 0 | 120 \$91.410 | 20 | 10 | 30 \$82.550 | ND | 604.220 | |
| | | 3 | Average Annual Wage | ND | \$59,780 | \$91,410 | \$69,280 | \$69,270 | \$82,550 | \$76,770 | \$94,230 | |
| 15-1142 | Network & Computer Systems Administrators | 1 | Employment Projected Opening | ND | 550 10 | 11,610 400 | 1,410 60 | 600 10 | 2,800 60 | 1,770 70 | 3,400 240 | |
| | Systems Autimistrators | 3 | Next 2 Years Average Annual | ND | \$66,340 | \$84,170 | \$66,930 | \$64,780 | \$78,620 | \$62,420 | \$81,430 | |
| | | | Wage | | | | . , | | | | | |
| 15-1152 | Computer Network Support Specialists | 2 | Employment Projected Opening Next 2 Years | ND | 350 0 | 3,660 150 | 470 30 | 370 ND | 2,150 40 | 750 30 | 1,650 140 | |
| | | 3 | Average Annual Wage | ND | \$60,290 | \$73,950 | \$50,020 | \$53,930 | \$55,890 | \$48,080 | \$60,330 | |
| 17-1022 | Surveyors | 1 2 | Employment | ND | 230 10 | 1,550 70 | 290 10 | 370 10 | 270 10 | 130 0 | 540 40 | |
| | | 3 | Projected Opening Next 2 Years Average Annual | ND. | \$66,160 | \$66,010 | \$65,550 | \$63,020 | \$54,750 | \$67,970 | \$69,150 | |
| | | | Wage | | | | | | | | | |
| 17-2051 | Civil Engineers | 1 2 | Employment Projected Opening | ND | 850 10 | 10,680 420 | 2,070 70 | 1,350 50 | 1,740 60 | 1,140 30 | 2,910 250 | |
| | | | Next 2 Years | | | | | | | | | |
| | | 3 | Average Annual Wage | ND | \$85,220 | \$93,560 | \$78,280 | \$77,480 | \$84,240 | \$77,030 | \$80,690 | |
| 17-2071 | Electrical Engineers | 1 | Employment | ND | 250 | 3,380 | 990 | 550 | 730 | 300 | 1,860 | |
| | | 2 | Projected Opening Next 2 Years | | 10 | 170 | 80 | 20 | 40 | 10 | 140 | |
| | | 3 | Average Annual Wage | ND | \$92,960 | | \$93,080 | \$92,120 | \$90,180 | \$84,710 | \$94,200 | |
| 17-2081 | Environmental Engineers | 1 | Employment | 20 | 230 | 1,260 | 430 | 460 | 320 | 80 | 500 | |
| | | 2 | Projected Opening Next 2 Years | 692 42E | 0 | \$98,350 | 20 | 10 | 10 | 10 | 30 | |
| | | 3 | Average Annual Wage | \$83,425 | \$93,680 | \$90,330 | \$96,870 | \$84,960 | \$90,320 | \$99,760 | \$76,530 | |
| 17-2112 | Industrial Engineers | 1 2 | Employment Projected Opening | ND | 140 10 | 3,250 160 | 1,050 60 | 190 10 | 1,220 50 | 560 30 | 2,240 190 | |
| | | 3 | Next 2 Years Average Annual Wage | ND | \$102,730 | \$100,460 | \$94,830 | \$100,640 | \$85,950 | \$82,780 | \$89,830 | |
| 17-2141 | Mechanical Engineers | 1 | Employment | ND | 230 | 4,750 | 950 | 550 | 1,210 | 540 | 3,600 | |
| | | 2 | Projected Opening Next 2 Years | | 0 | 270 | 30 | 20 | 40 | 20 | 250 | |
| | | 3 | Average Annual Wage | ND | \$84,200 | \$104,220 | \$86,010 | \$77,140 | \$80,650 | \$76,220 | \$88,150 | |
| 17-2151 | Mining & Geological | 1 | Employment | 70 | 150 | 440 | 70 | 100 | ND | ND | 340 | |

Table: Employment, Average Annual Wage, and Number of Projected Openings for Occupations in Coal Mining (NAICS 2121) in Wyoming and Surrounding States, 2018

| | | | | | Total, All Industries | | | | | | |
|---------|----------------------------------------------------------|---------------|-------------------------------------------|----------------------------|-----------------------|-----------------|--------------|-----------|---------------|--------------|-----------------|
| SOCCode | SOCTitle | data _sort | data | Wyoming - Coal Industry | Wyoming | Colorado | Idaho | Montana | Nebraska | South Dakota | Utah |
| | Engineers, Including Mining | 2 | Projected Opening Next 2 Years | | 0 | 20 | 0 | 0 | 0 | ND | 10 |
| | Safety Engineers | 3 | Average Annual Wage | \$91,330 | \$93,990 | \$108,130 | \$74,990 | \$0 | ND | ND | \$93,580 |
| 17-2199 | Engineers, All Other | 1 | Employment | ND | 90 | 2,500 | 370 | 210 | 520 | 90 | 1,160 |
| | | 2 | Projected Opening Next 2 Years | | 10 | 70 | 10 | 0 | 20 | ND | 60 |
| | | 3 | Average Annual Wage | ND | \$97,040 | \$111,610 | \$110,270 | \$79,590 | \$82,760 | \$84,320 | \$89,810 |
| 17-3026 | Industrial Engineering Technicians | 2 | Employment Projected Opening Next 2 Years | ND | ND 0 | 1,260 10 | 190 10 | 30 ND | 410 10 | 150 0 | 870 60 |
| | | 3 | Average Annual Wage | ND | ND | \$56,580 | \$49,350 | \$70,500 | \$52,320 | \$40,150 | \$58,780 |
| 17-3029 | Engineering Technicians, | 1 | Employment | ND | 140 | 1,530 | 130 | 150 | 620 | 80 | 1,230 |
| | Except Drafters, All Other | 2 | Projected Opening Next 2 Years | | 0 | 50 | -10 | 0 | 10 | 0 | 60 |
| | | 3 | Average Annual Wage | ND | \$67,110 | \$63,590 | \$55,540 | \$59,810 | \$57,630 | \$51,110 | \$56,480 |
| 19-2041 | Environmental Scientists & Specialists, Including Health | | Employment Projected Opening | ND | 470 0 | 2,930 140 | 520 10 | 410 10 | 340 10 | 210 20 | 830 60 |
| | | 3 | Next 2 Years Average Annual | ND | \$68,940 | \$93,010 | \$60,470 | \$68,660 | \$61,020 | \$61,250 | \$68,480 |
| 19-2042 | Geoscientists, Except | 1 | Wage Employment | ND | 160 | 2,010 | 90 | 210 | 60 | 60 | 260 |
| | Hydrologists & Geographers | | Projected Opening Next 2 Years | | 0 | 90 | -10 | 10 | 0 | 10 | 20 |
| | | 3 | Average Annual Wage | ND | \$73,220 | \$111,130 | \$88,060 | \$92,680 | \$79,570 | \$63,680 | \$80,970 |
| 19-2043 | Hydrologists | 1 2 | Employment Projected Opening | ND | 40 0 | 500 10 | 290 -10 | 170 10 | 50 10 | ND ND | 70 20 |
| | | 3 | Next 2 Years Average Annual Wage | ND | \$65,690 | \$93,750 | \$47,990 | \$74,660 | \$63,440 | ND | \$86,270 |
| 19-4031 | Chemical Technicians | 1 | Employment | ND | 370 | 1,020 | 470 | 90 | 320 | 80 | 990 |
| | | 2 | Projected Opening Next 2 Years | | 10 | 40 | 10 | 0 | 0 | 0 | 90 |
| | | 3 | Average Annual Wage | ND | \$49,900 | \$49,730 | \$44,150 | \$50,100 | \$55,750 | \$36,420 | \$46,130 |
| 19-4041 | Geological & Petroleum Technicians | 1 2 | Employment | ND | 150 60 | 720 20 | 40 0 | 250 10 | 30 0 | ND ND | 210 10 |
| | reclinicians | | Projected Opening Next 2 Years | | | | | | | | |
| | | 3 | Average Annual Wage | ND | \$59,410 | \$0 | \$40,750 | \$61,730 | \$66,470 | ND | \$51,400 |
| 19-4091 | Environmental Science & Protection Technicians, | 1 2 | Employment Projected Opening | ND | 110 10 | 760 50 | 290 20 | 190 0 | 120 0 | 90 0 | 200 20 |
| | Including Health | 3 | Average Annual | ND | \$44,160 | \$49,840 | \$58,190 | \$43,230 | \$48,480 | \$28,660 | \$60,670 |
| 29-9011 | Occupational Health & Safety Specialists | 1 2 | Employment Projected Opening | 20 | 420 10 | 2,120 80 | 460 10 | 580 20 | 830 20 | 170 10 | 880 50 |
| | | 3 | Next 2 Years Average Annual | \$91,174 | \$76,790 | \$86,390 | \$72,440 | \$69,890 | \$66,990 | \$68,220 | \$78,040 |
| 29-9012 | Occupational Health & | 1 | Wage Employment | ND | 40 | 420 | 90 | 100 | 180 | ND | 210 |
| | Safety Technicians | 2 | Projected Opening Next 2 Years | | 0 | 10 | 10 | ND | 10 | ND | 20 |
| | | 3 | Average Annual Wage | ND | \$66,070 | \$61,990 | \$55,860 | \$61,040 | \$51,810 | ND | \$54,370 |
| 37-2011 | Janitors & Cleaners, Except Maids & Housekeeping | 1 2 | Employment Projected Opening | ND | 4,650 160 | 34,350 1,570 | 9,970 500 | | 14,340 380 | 8,300 320 | 22,680 1,220 |
| | Cleaners | 3 | Next 2 Years Average Annual | ND | \$29,340 | \$28,980 | \$25,770 | \$29,790 | \$27,350 | \$25,900 | \$25,270 |
| 43-1011 | First-Line Supervisors of | 1 | Wage Employment | ND | 1,710 | 20,630 | 7,720 | 4,030 | 9,730 | 1,800 | 14,660 |
| +5 1011 | Office & Administrative Support Workers | 2 | Projected Opening Next 2 Years | | 0 | 550 | 290 | 4,030 | 80 | | 690 |
| | , , , , , , , , , , , , , , , , , , , , | | = | | | | | | | | |

Table: Employment, Average Annual Wage, and Number of Projected Openings for Occupations in Coal Mining (NAICS 2121) in Wyoming and Surrounding States, 2018

| | | | | | Total, All Industries | | | | | | |
|---------|--------------------------------------------------------------|--------------|-------------------------------------------|----------------------------|-----------------------|-----------------|-----------------|----------------|-----------------|----------------|-----------------|
| SOCCode | SOCTitle | data sort | data | Wyoming - Coal Industry | Wyoming | Colorado | Idaho | Montana | Nebraska | South Dakota | Utah |
| Joccouc | . Joenne | 3 | Average Annual Wage | ND ND | \$53,990 | \$62,600 | \$51,500 | \$53,770 | \$54,520 | \$49,000 | \$52,470 |
| 43-3031 | Bookkeeping, Accounting, & Auditing Clerks | 1 2 | Employment Projected Opening Next 2 Years | ND | 2,980 20 | 27,560 690 | 8,630 280 | 7,740 0 | 10,450 40 | 9,670 110 | 14,070 600 |
| | | 3 | Average Annual Wage | ND | \$38,870 | \$42,830 | \$38,470 | \$36,310 | \$37,850 | \$33,970 | \$39,170 |
| | Payroll & Timekeeping Clerks | 1 2 | Employment Projected Opening | 10 | 160 0 | 2,060 70 | 710 30 | 540 0 | 950 10 | 340 0 | 1,440 70 |
| | | 3 | Next 2 Years Average Annual | \$52,353 | \$44,470 | \$49,980 | \$40,010 | \$39,560 | \$41,750 | \$37,450 | \$45,980 |
| 43-3061 | Procurement Clerks | 1 2 | Wage Employment Projected Opening | ND | 160 | 970 10 | 150 0 | 200 | 630 | 140 | 660 ND |
| | | 3 | Next 2 Years Average Annual | ND | \$46,230 | \$45,980 | \$43,340 | \$40,750 | \$38,780 | \$38,050 | \$41,830 |
| 43-5032 | Diamatahana Fusant Dalisa | 1 | Wage | ND | 250 | 2 240 | 760 | F70 | 2.200 | 400 | 1 760 |
| 43-5032 | Dispatchers, Except Police, Fire, & Ambulance | 2 | Employment Projected Opening Next 2 Years | ND | 250 10 | 3,240 100 | 60 | 570 0 | 2,260 0 | 400 10 | 1,760 80 |
| | | 3 | Average Annual Wage | ND | \$43,320 | \$43,980 | \$37,220 | \$39,170 | \$58,030 | \$34,190 | \$44,320 |
| 43-5061 | Production, Planning, & Expediting Clerks | 1 | Employment Projected Opening Next 2 Years | 10 | 260 20 | 2,730 100 | 980 80 | 410 10 | 1,840 50 | 560 10 | 3,920 200 |
| | | 3 | Average Annual Wage | \$65,425 | \$60,020 | \$53,410 | \$45,690 | \$52,910 | \$45,030 | \$41,830 | \$47,490 |
| 43-5071 | Shipping, Receiving, & Traffic Clerks | 1 2 | Employment Projected Opening | ND | 620 20 | 8,440 220 | 2,470 100 | 1,160 10 | 3,180 0 | 1,130 20 | 8,710 630 |
| | | 3 | Next 2 Years Average Annual Wage | ND | \$34,770 | \$34,990 | \$33,700 | \$33,920 | \$34,740 | \$33,140 | \$32,250 |
| 43-5081 | Stock Clerks & Order Fillers | 1 2 | Employment Projected Opening | 40 | 3,170 -30 | 36,530 1,070 | 9,910 350 | 5,480 60 | 12,290 -180 | 5,440 60 | 17,790 880 |
| | | 3 | Next 2 Years Average Annual Wage | \$65,271 | \$31,680 | \$31,230 | \$27,860 | \$27,670 | \$28,320 | \$26,580 | \$28,480 |
| 43-6011 | Executive Secretaries & Executive Administrative | 1 2 | Employment Projected Opening | ND | 590 -20 | 10,680 -150 | 1,680 10 | 620 0 | 5,220 -100 | 2,820 -40 | 3,890 20 |
| | Assistants | 3 | Next 2 Years Average Annual | ND | \$49,410 | \$56,830 | \$46,180 | \$52,320 | \$48,360 | \$39,030 | \$53,220 |
| 43-6014 | Secretaries & Administrative | 1 | Wage Employment | ND | 3,220 | 38,610 | 9,760 | 5,840 | 16,430 | 5,510 | 21,190 |
| | Assistants, Except Legal, | 2 | Projected Opening | | -10 | 740 | 140 | -20 | -10 | 20 | 820 |
| 43-9011 | Medical, & Executive Computer Operators | 3 | Average Annual Employment | ND ND | \$38,130 40 | \$38,810 310 | \$32,380 110 | \$33,380 90 | \$34,100 520 | \$29,300 ND | \$34,400 220 |
| 45 5011 | computer operators | 2 | Projected Opening Next 2 Years | | 0 | -10 | 0 | -10 | -40 | ND | -10 |
| | | 3 | Average Annual Wage | ND | \$41,010 | \$48,470 | \$45,040 | \$36,780 | \$45,380 | ND | \$44,020 |
| 43-9061 | Office Clerks, General | 2 | Employment Projected Opening Next 2 Years | 20 | 7,460 70 | 41,290 1,260 | 16,650 520 | 13,310 20 | 16,460 130 | 2,990 30 | 30,730 1,060 |
| | | 3 | Average Annual Wage | \$50,152 | \$36,930 | \$40,840 | \$31,520 | \$33,350 | \$30,880 | \$26,210 | \$32,950 |
| 47-1011 | First-Line Supervisors of Construction Trades & | 1 2 | Employment Projected Opening | 90 | 2,700 100 | 16,160 1,490 | 3,630 280 | 3,110 100 | 4,510 190 | 1,270 40 | 8,360 680 |
| 47 2072 | Extraction Workers | 3 | Average Annual | \$104,339 | \$75,210 | \$73,580 | \$62,450 | \$69,470 | \$61,540 | \$63,650 | \$62,890 |
| 47-2073 | Operating Engineers & Other Construction Equipment Operators | 1 | Employment Projected Opening Next 2 Years | 1,950 | 4,240 0 | 11,290 820 | 2,810 110 | 3,170 90 | 2,850 90 | 1,710 40 | 4,110 320 |
| | | 3 | Average Annual Wage | \$69,005 | \$58,270 | \$49,750 | | \$51,580 | \$43,590 | \$44,150 | \$48,640 |
| 47-2111 | Electricians | 1 2 | Employment Projected Opening Next 2 Years | 240 | 2,260 -30 | 14,850 1,670 | 4,270 430 | 2,390 50 | 5,310 210 | 2,230 70 | 10,610 820 |
| | | | | | | | | | | | |

Table: Employment, Average Annual Wage, and Number of Projected Openings for Occupations in Coal Mining (NAICS 2121) in Wyoming and Surrounding States, 2018

| | | 4.4. | | 146 | Total, All Industries | | | | | | |
|---------|-------------------------------------------------------------------|---------------|-------------------------------------------------|----------------------------|-----------------------|---------------|--------------|-------------|--------------|--------------|--------------|
| SOCCode | SOCTitle | data _sort | data | Wyoming - Coal Industry | Wyoming | Colorado | Idaho | Montana | Nebraska | South Dakota | Utah |
| | | 3 | Average Annual Wage | \$73,268 | \$59,400 | \$55,500 | \$50,170 | \$58,990 | \$50,470 | \$45,490 | \$54,120 |
| 47-5021 | Earth Drillers, Except Oil & Gas | 1 2 | Employment Projected Opening Next 2 Years | ND | 110 10 | 390 40 | 150 10 | 100 10 | 400 10 | 0 | 340 10 |
| | | 3 | Average Annual Wage | ND | \$49,830 | \$51,070 | \$56,760 | \$51,670 | \$41,740 | \$44,870 | \$46,170 |
| 47-5031 | Explosives Workers, Ordnance Handling Experts, & Blasters | | Employment Projected Opening Next 2 Years | 80 | 190 20 | 200 ND | ND 0 | 30 | ND ND | ND ND | 60 |
| | | 3 | Average Annual Wage | \$74,368 | \$65,800 | \$60,750 | ND | \$63,590 | ND | ND | \$49,530 |
| 47-5041 | Continuous Mining Machine Operators | 2 | Employment Projected Opening Next 2 Years | ND | 210 -10 | 460 10 | 500 -10 | 130 | ND ND | 30 ND | 890 ND |
| | | 3 | Average Annual Wage | ND | \$78,210 | \$60,910 | \$60,040 | \$70,310 | ND | \$41,110 | \$0 |
| 47-5042 | Mine Cutting & Channeling Machine Operators | 1 2 | Employment Projected Opening Next 2 Years | ND | 100 -10 | 110 0 | ND 0 | 220 0 | ND 0 | ND ND | ND ND |
| | | 3 | Average Annual Wage | ND | \$80,740 | \$56,730 | ND | \$0 | ND | ND | ND |
| 47-5081 | HelpersExtraction Workers | 1 2 | Employment Projected Opening Next 2 Years | ND | 440 40 | 620 30 | 0 | 90 10 | 60 0 | ND ND | 120 0 |
| | | 3 | Average Annual Wage | ND | \$37,250 | \$36,700 | \$47,990 | \$33,780 | \$0 | ND | \$29,540 |
| 49-1011 | First-Line Supervisors of Mechanics, Installers, & Repairers | 1 2 | Employment Projected Opening Next 2 Years | 130 | 1,730 40 | 8,590 320 | 2,340 120 | 1,940 30 | 3,770 80 | 960 20 | 4,280 240 |
| | Repairers | 3 | Average Annual Wage | \$92,203 | \$78,310 | \$71,420 | \$60,400 | \$69,050 | \$68,790 | \$71,980 | \$65,900 |
| 49-2096 | Electronic Equipment Installers & Repairers, Motor Vehicles | 1 2 | Employment Projected Opening Next 2 Years | ND | ND ND | 300 0 | ND 0 | ND ND | 0 | 0 ND | 0 0 |
| | | 3 | Average Annual Wage | ND | ND | \$37,900 | ND | ND | \$36,390 | \$40,350 | \$37,180 |
| 49-3023 | Automotive Service Technicians & Mechanics | 1 2 | Employment Projected Opening Next 2 Years | ND | 1,420 30 | 11,730 460 | 4,000 170 | 2,920 70 | 4,830 60 | 2,000 10 | 6,460 370 |
| | | 3 | Average Annual Wage | ND | \$46,490 | \$48,040 | \$41,060 | \$39,920 | \$42,400 | \$41,450 | \$42,840 |
| 49-3031 | Bus & Truck Mechanics & Diesel Engine Specialists | 1 2 | Employment Projected Opening Next 2 Years | ND | 930 80 | 4,610 250 | 1,570 100 | 1,050 30 | 2,300 70 | 930 30 | 2,600 190 |
| | | 3 | Average Annual Wage | ND | \$53,380 | \$52,350 | \$42,770 | \$51,160 | \$43,460 | \$43,500 | \$48,360 |
| 49-3042 | Mobile Heavy Equipment Mechanics, Except Engines | 1 2 | Employment Projected Opening Next 2 Years | 390 | 1,460 30 | | 860 20 | 1,020 10 | 1,080 20 | 520 20 | 1,890 120 |
| | | 3 | Average Annual Wage | \$72,135 | \$64,260 | \$54,200 | \$47,670 | \$54,240 | \$48,420 | \$50,330 | \$52,930 |
| 49-3093 | Tire Repairers & Changers | 1 2 | Employment Projected Opening Next 2 Years | ND | 320 0 | 2,630 70 | 1,210 30 | 890 0 | 1,080 0 | 300 10 | 2,020 110 |
| | | 3 | Average Annual Wage | ND | \$27,960 | \$30,650 | \$30,090 | \$29,650 | \$28,160 | \$29,280 | \$28,700 |
| 49-9041 | Industrial Machinery Mechanics | 1 2 | Employment Projected Opening Next 2 Years | ND | 2,400 150 | 4,850 230 | 1,650 80 | 870 20 | 2,800 100 | 1,220 50 | 3,140 190 |
| | | 3 | Average Annual Wage | ND | \$68,020 | \$60,040 | \$51,810 | \$57,440 | \$51,220 | \$46,730 | \$58,000 |
| 49-9043 | Maintenance Workers, Machinery | 1 2 | Employment Projected Opening Next 2 Years | ND | 420 10 | 410 30 | 410 20 | 190 0 | 700 10 | 70 0 | 880 60 |

Table: Employment, Average Annual Wage, and Number of Projected Openings for Occupations in Coal Mining (NAICS 2121) in Wyoming and Surrounding States, 2018

| | | | | | Total, All Industries | | | | | | |
|---------------------|--------------------------------------------------------|---------------|--------------------------------|----------------------------|-----------------------|-----------------------------------------|----------------------|-----------------|----------------------|-----------------|-------------------|
| SOCCode | SOCTitle | data _sort | data | Wyoming - Coal Industry | Wyoming | Colorado | Idaho | Montana | Nebraska | South Dakota | Utah |
| JO CCOUC | Social | 3 | Average Annual | ND | \$77,380 | \$46,390 | \$51,630 | \$51,140 | \$53,700 | \$31,230 | \$54,370 |
| 19-9044 | Milluriahta | 1 | Wage Employment | ND | ND | 330 | 310 | 170 | 210 | 140 | 0 |
| 19-9044 | Millwrights | 2 | Projected Opening | | ND ND | 20 | 20 | 10 | 210 | 0 | 10 |
| | | 3 | Next 2 Years Average Annual | ND | ND | \$53,510 | \$57,360 | \$44,300 | \$53,480 | \$54,690 | \$63,940 |
| | | | Wage | | | | | | | | |
| 19-9071 | Maintenance & Repair Workers, General | 1 2 | Employment Projected Opening | 20 | 3,390 70 | 23,430 1,210 | 6,220 310 | 4,540 90 | 8,240 250 | 2,810 80 | 12,360 680 |
| | Workers, General | | Next 2 Years | | | | | | | | |
| | | 3 | Average Annual Wage | \$72,098 | \$41,020 | \$41,500 | \$36,920 | \$37,720 | \$39,660 | \$37,410 | \$39,360 |
| 51-1011 | First-Line Supervisors of | 1 | Employment | 40 | 1,250 | 6,760 | 3,520 | 1,500 | 5,230 | 1,380 | 5,750 |
| | Production & Operating Workers | 2 | Projected Opening Next 2 Years | | 30 | 170 | 140 | 30 | 90 | 50 | 350 |
| | | 3 | Average Annual | \$95,824 | \$81,880 | \$69,420 | \$59,620 | \$61,590 | \$61,710 | \$60,180 | \$60,190 |
| 51-4121 | Welders, Cutters, Solderers, | 1 | Wage Employment | ND | 1,780 | 4,890 | 3,230 | 1,300 | 4,450 | 2,970 | 4,580 |
| | & Brazers | 2 | Projected Opening | | 110 | 290 | 190 | 20 | 100 | 180 | 350 |
| | | 3 | Next 2 Years Average Annual | ND | \$60,960 | \$50,300 | \$37,740 | \$44,310 | \$41,850 | \$38,420 | \$45,210 |
| 51-9012 | Separating, Filtering, | 1 | Wage Employment | ND | 350 | 2,150 | 400 | 200 | 490 | 170 | 400 |
| 1 3012 | Clarifying, Precipitating, & | 2 | Projected Opening | | 0 | 80 | 20 | 0 | 10 | 10 | 20 |
| | Still Machine Setters, | 3 | Average Annual | ND | \$73,340 | \$44,500 | \$39,870 | \$47,370 | \$34,500 | \$38,670 | \$43,010 |
| 51-9021 | Crushing, Grinding, & | 1 | Employment | ND | 150 | 570 | 220 | 260 | 300 | 180 | 350 |
| | Polishing Machine Setters, | 2 | Projected Opening | | -10 | 0 | 0 | 0 | 0 | 10 | 20 |
| 1-9061 | Operators, & Tenders Inspectors, Testers, Sorters, | 3 | Average Annual Employment | ND ND | \$66,790 960 | \$41,760 5,720 | \$42,050 1,860 | \$42,270 470 | \$35,830 4,410 | \$33,900 790 | \$45,520 6,470 |
| 11-9001 | Samplers, & Weighers | 2 | Projected Opening | ND | 30 | 30 | 70 | 470 | 4,410 | 0 | 240 |
| | , , , | | Next 2 Years | | | | | | | | |
| | | 3 | Average Annual Wage | ND | \$51,380 | \$46,880 | \$37,410 | \$48,630 | \$41,820 | \$36,250 | \$39,450 |
| 1-9198 | HelpersProduction | 1 | Employment | ND | 250 | 5,000 | 2,660 | 160 | 3,180 | ND | 6,130 |
| | Workers | 2 | Projected Opening | | 30 | 230 | 80 | 0 | 140 | 0 | 580 |
| | | 3 | Next 2 Years Average Annual | ND | \$36,560 | \$31,190 | \$30,960 | \$30,290 | \$31,580 | ND | \$25,080 |
| | | 3 | Wage | ND | 730,300 | 751,150 | 730,300 | 730,230 | 731,300 | ND | 723,000 |
| 51-9199 | Production Workers, All | 1 | Employment | ND | 120 | 1,470 | 950 | 160 | 1,590 | 330 | 2,520 |
| | Other | 2 | Projected Opening Next 2 Years | | 0 | 50 | 50 | 10 | 10 | ND | 130 |
| | | 3 | Average Annual | ND | \$54,480 | \$35,420 | \$29,640 | \$33,320 | \$27,990 | \$46,940 | \$30,150 |
| 2 1040 | First Line Companies of | 1 | Wage | F0. | 1.020 | C 000 | 1.500 | 1 270 | 2.010 | C00 | 2.150 |
| 3-1048 | First-Line Supervisors of Transportation & Material | 1 2 | Employment Projected Opening | 50 | 1,020 | 6,080 | 1,560 | 1,370 | 2,910 | 600 | 3,150 |
| | Moving Workers, Except | 3 | Average Annual | \$101,498 | \$64,060 | \$61,220 | \$51,870 | \$63,010 | \$58,590 | \$59,720 | \$52,810 |
| 53-3032 | Heavy & Tractor-Trailer | 1 | Employment | ND | 6,340 | 22,880 | 11,940 | 6,440 | 26,360 | 7,880 | 24,760 |
| | Truck Drivers | 2 | Projected Opening Next 2 Years | | 390 | 1,300 | 580 | 90 | 650 | 210 | 1,570 |
| | | 3 | Average Annual | ND | \$50,200 | \$48,840 | \$42,010 | \$46,100 | \$44,710 | \$41,590 | \$45,600 |
| 53-7011 | Convoyor Operators & | 1 | Wage | ND | 60 | 240 | 100 | 180 | 700 | 700 | 120 |
| 53-7011 | Conveyor Operators & Tenders | 1 2 | Employment Projected Opening | ND | 0 | 10 | 100 | -10 | -20 | 10 | 0 |
| | | | Next 2 Years | | | | | | | | |
| | | 3 | Average Annual Wage | ND | \$70,560 | \$34,910 | \$39,890 | \$41,610 | \$32,080 | \$32,390 | \$44,900 |
| 53-7021 | Crane & Tower Operators | 1 | Employment | ND | 100 | 350 | 210 | 220 | 350 | 40 | 290 |
| | | 2 | Projected Opening | | 0 | 30 | 10 | 0 | 10 | 0 | 30 |
| | | | Next 2 Years | | | | | | | | |
| | | 3 | Average Annual Wage | ND | \$60,750 | \$58,650 | \$52,610 | \$63,270 | \$52,120 | \$58,470 | \$48,670 |
| 53-7032 | Excavating & Loading | 1 | Employment | 420 | 570 | 850 | 180 | 190 | 240 | 380 | 600 |
| | Machine & Dragline | 2 | Projected Opening | | -20 | 30 | 0 | 0 | 10 | 10 | 50 |
| | Operators | 3 | Next 2 Years Average Annual | \$73,863 | \$71,730 | \$53,310 | \$44,000 | \$47,920 | \$40,950 | \$40,220 | \$47,180 |
| | | 5 | Wage | 213,003 | ψ/1,/3U | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 7 74 ,000 | y+1,34U | → + 0,330 | ۷+∪,∠∠∪ | √-1,±0U |
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Table: Employment, Average Annual Wage, and Number of Projected Openings for Occupations in Coal Mining (NAICS 2121) in Wyoming and Surrounding States, 2018

| | | | | | Total, All Industries | | | | | | |
|---------|------------------------------|-------|-----------------------------------|---------------|-----------------------|----------|----------|----------|----------|--------------|----------|
| | | data | | Wyoming - | | | | | | | |
| SOCCode | SOCTitle | _sort | data | Coal Industry | Wyoming | Colorado | Idaho | Montana | Nebraska | South Dakota | Utah |
| 53-7033 | Loading Machine Operators, | 1 | Employment | ND | ND | 90 | ND | ND | ND | ND | ND |
| | Underground Mining | 2 | Projected Opening Next 2 Years | | ND | 0 | 0 | 0 | ND | ND | ND |
| | | 3 | Average Annual Wage | ND | ND | \$59,440 | ND | ND | ND | ND | ND |
| 53-7051 | Industrial Truck & Tractor | 1 | Employment | ND | 1,070 | 10,400 | 2,120 | 1,080 | 3,880 | 1,500 | 4,380 |
| | Operators | 2 | Projected Opening Next 2 Years | | 40 | 370 | 110 | 20 | 30 | 30 | 310 |
| | | 3 | Average Annual Wage | ND | \$40,520 | \$36,670 | \$35,450 | \$37,500 | \$34,880 | \$35,010 | \$35,850 |
| 53-7061 | Cleaners of Vehicles & | 1 | Employment | ND | 650 | 6,470 | 2,390 | 1,350 | 3,910 | 1,140 | 4,220 |
| | Equipment | 2 | Projected Opening Next 2 Years | | 20 | 260 | 150 | 50 | 80 | 20 | 230 |
| | | 3 | Average Annual Wage | ND | \$27,580 | \$27,810 | \$24,460 | \$26,570 | \$28,180 | \$24,310 | \$24,380 |
| 53-7062 | Laborers & Freight, Stock, & | 1 | Employment | 60 | 2,750 | 29,280 | 9,300 | 4,250 | 16,230 | 6,280 | 23,690 |
| | Material Movers, Hand | 2 | Projected Opening Next 2 Years | | 140 | 1,660 | 470 | 70 | 180 | 220 | 1,890 |
| | | 3 | Average Annual Wage | \$61,416 | \$35,990 | \$32,010 | \$31,080 | \$30,430 | \$32,500 | \$28,080 | \$30,450 |
| 53-7072 | Pump Operators, Except | 1 | Employment | ND | 110 | 410 | ND | 110 | 80 | ND | 40 |
| | Wellhead Pumpers | 2 | Projected Opening Next 2 Years | | ND | 10 | 0 | 0 | 0 | ND | ND |
| | | 3 | Average Annual Wage | ND | \$0 | \$46,580 | ND | \$50,950 | \$33,470 | ND | \$53,060 |
| 53-7199 | Material Moving Workers, | 1 | Employment | ND | ND | 230 | ND | ND | 60 | ND | 50 |
| | All Other | 2 | Projected Opening Next 2 Years | | 0 | 10 | 10 | ND | 0 | ND | ND |
| | | 3 | Average Annual Wage | ND | ND | \$37,300 | ND | ND | \$42,860 | ND | \$41,550 |

 $[\]mbox{--} = \mbox{Projections}$ are not available at the four-digit industry level.

ND = Not discloseable due to confidentiality.

Employment and wage source: Occupational Employment Statistics.

Projections Source: Wyoming Short-Term Industry Projections, 2018-2020.

Prepared by T. Glover, Research & Planning, WY DWS, 8/27/19.