

Memorandum

TO: Commissioner Galen Hollenbaugh
 FROM: Barbara Wagner, Chief Economist
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 DATE: January 31, 2018
 SUBJECT: Job Demand in POWER-MT Region

The closure of Colstrip Units 1&2 is expected to displace many workers in the POWER-MT region. The POWER-MT region is also expected to have a slow decrease in other jobs related to coal mining, power generation, and local government outside of the Colstrip area. However, the region is expected to continue overall economic growth despite the losses in coal-related industries. Other industries will lead growth forward, and the restoration and remediation at Colstrip will generate economic activity. We are working on developing more precise job growth estimates for the POWER-MT region, but preliminary research suggests that the occupations listed in the tables below will be experiencing growth.

In addition, a recent report by MTDLI, “Meeting State Worker Demand: A Report on the Labor Market Outcomes for Montana Colleges” identified areas where the supply of graduates from Montana colleges was insufficient to meet demand. Although the POWER-MT region does not perfectly overlap the geographies used in the report, the POWER-MT geography is fairly close to the combined Eastern and South Central regions used in the report. This report identifies the following programs where more workers need to be trained. Workers who recently lost jobs or who may lose jobs in the next few quarters may want to consider careers in these areas.

Programs Undersupplied in South Central and Eastern, without Oversupply in Other Areas		Occupations in High Demand without Sufficient Graduates
Accounting Technology	HIT and Medical Coding	Truck Drivers
Administrative Assistant	Information Technology	Occupational Therapists
Agriculture	Marketing	Purchasing Agents
Animal Science	Mathematics or Stats	Compliance Officers
Automotive Technology	Mechanic Repair Technology	Automotive Service Techs & Mechanics
Biology	Medical Admin Assistant	Teaching Assistants
Chemistry	Metal Tech	Nursing Assistants
Computer Science	Nursing	Dental Assistants
Computer/Info Science, Other	Parks & Recreation	Business Operations Specialists
Construction	Personal and Culinary Service	Heating, Air Conditioning, Refrigeration Mechanics & Installers
Engineering	Physical Science	Training & Development Specialists
Finance	Public Administration	Paralegals
Geology	Secondary Education	Human Resource Specialists

Health Science, Other	Social Work	Clergy
Health Tech/Assistant	Transportation and Material Moving	Medical & Clinical Laboratory Technologists

Occupations Growing in the POWER-MT Region by Expected Job Openings				
Code	Occupation	Growth in Jobs	Annual Openings	Expected Education
41-2011	Cashiers	177	850	
41-2031	Retail Salespersons	226	659	
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	520	584	
35-3031	Waiters and Waitresses	214	436	
43-9061	Office Clerks, General	61	358	High school diploma or equivalent
53-3032	Heavy and Tractor-Trailer Truck Drivers	301	316	Postsecondary non-degree award
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	210	312	
43-4051	Customer Service Representatives	146	304	High school diploma or equivalent
39-9021	Personal Care Aides	504	280	High school diploma or equivalent
43-3031	Bookkeeping, Accounting, and Auditing Clerks	52	248	Some college, no degree
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	175	242	
31-1014	Nursing Assistants	188	234	Postsecondary non-degree award
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	5	228	High school diploma or equivalent
35-3011	Bartenders	75	224	
47-2061	Construction Laborers	305	212	
37-2012	Maids and Housekeeping Cleaners	122	207	
43-5081	Stock Clerks and Order Fillers	117	206	High school diploma or equivalent
35-2014	Cooks, Restaurant	180	198	
29-1141	Registered Nurses	396	198	Bachelor's degree
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	176	188	High school diploma or equivalent
35-2021	Food Preparation Workers	100	187	
41-1011	First-Line Supervisors of Retail Sales Workers	137	176	High school diploma or equivalent

35-2015	Cooks, Short Order	40	146	
47-2031	Carpenters	185	144	High school diploma or equivalent
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	106	140	High school diploma or equivalent
47-2073	Operating Engineers and Other Construction Equipment Operators	155	138	High school diploma or equivalent
49-9071	Maintenance and Repair Workers, General	141	133	High school diploma or equivalent
39-9011	Childcare Workers	73	130	High school diploma or equivalent
43-1011	First-Line Supervisors of Office and Administrative Support Workers	66	128	High school diploma or equivalent
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	202	124	High school diploma or equivalent
11-1021	General and Operations Managers	146	110	Bachelor's degree
37-3011	Landscaping and Groundskeeping Workers	112	105	
53-3033	Light Truck or Delivery Services Drivers	104	104	High school diploma or equivalent
43-4171	Receptionists and Information Clerks	84	103	High school diploma or equivalent
13-2011	Accountants and Auditors	152	97	Bachelor's degree
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	119	97	
47-2111	Electricians	114	95	High school diploma or equivalent
47-2152	Plumbers, Pipefitters, and Steamfitters	152	94	High school diploma or equivalent
25-9041	Teacher Assistants	32	93	Some college, no degree
49-3023	Automotive Service Technicians and Mechanics	77	90	Postsecondary non-degree award
35-2011	Cooks, Fast Food	21	89	
39-9032	Recreation Workers	64	86	High school diploma or equivalent
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	47	86	
53-7061	Cleaners of Vehicles and Equipment	81	80	
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	30	79	Bachelor's degree

41-3099	Sales Representatives, Services, All Other	83	78	High school diploma or equivalent
51-4121	Welders, Cutters, Solderers, and Brazers	105	73	High school diploma or equivalent
35-2012	Cooks, Institution and Cafeteria	28	73	High school diploma or equivalent
33-9032	Security Guards	42	70	High school diploma or equivalent
13-1199	Business Operations Specialists, All Other	72	69	Bachelor's degree
35-9021	Dishwashers	29	67	
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	25	66	
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	71	64	High school diploma or equivalent
43-4081	Hotel, Motel, and Resort Desk Clerks	27	63	High school diploma or equivalent
29-2061	Licensed Practical and Licensed Vocational Nurses	82	61	Postsecondary non-degree award
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	31	60	
25-2021	Elementary School Teachers, Except Special Education	21	57	Bachelor's degree
53-3022	Bus Drivers, School or Special Client	22	57	High school diploma or equivalent
43-6013	Medical Secretaries	81	55	High school diploma or equivalent
51-1011	First-Line Supervisors of Production and Operating Workers	60	55	High school diploma or equivalent
43-3071	Tellers	-7	53	High school diploma or equivalent
21-1021	Child, Family, and School Social Workers	56	52	Bachelor's degree
21-1093	Social and Human Service Assistants	62	51	High school diploma or equivalent
31-9092	Medical Assistants	95	51	Postsecondary non-degree award
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	-3	51	Postsecondary non-degree award
47-5071	Roustabouts, Oil and Gas	99	50	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	65	49	High school diploma or equivalent
25-3098	Substitute Teachers	23	48	Bachelor's degree

43-3021	Billing and Posting Clerks	65	48	High school diploma or equivalent
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	20	49	
15-1151	Computer User Support Specialists	93	48	Some college, no degree
21-1023	Mental Health and Substance Abuse Social Workers	73	48	Master's degree
41-2022	Parts Salespersons	37	48	
43-5071	Shipping, Receiving, and Traffic Clerks	23	47	High school diploma or equivalent
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	61	45	High school diploma or equivalent
39-9031	Fitness Trainers and Aerobics Instructors	44	44	High school diploma or equivalent
35-3041	Food Servers, Nonrestaurant	30	44	
43-4131	Loan Interviewers and Clerks	39	43	High school diploma or equivalent
41-1012	First-Line Supervisors of Non-Retail Sales Workers	47	43	High school diploma or equivalent
31-9091	Dental Assistants	53	41	Postsecondary non-degree award
13-2072	Loan Officers	51	42	Bachelor's degree
53-7051	Industrial Truck and Tractor Operators	43	42	
53-3031	Driver/Sales Workers	15	42	High school diploma or equivalent
41-3021	Insurance Sales Agents	40	41	High school diploma or equivalent
13-1071	Human Resources Specialists	31	39	Bachelor's degree
41-3011	Advertising Sales Agents	10	40	High school diploma or equivalent
53-7064	Packers and Packagers, Hand	1	40	
25-2052	Special Education Teachers, Kindergarten and Elementary School	11	39	Bachelor's degree
39-3091	Amusement and Recreation Attendants	28	39	
43-4199	Information and Record Clerks, All Other	24	37	High school diploma or equivalent
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	66	38	Postsecondary non-degree award
11-9141	Property, Real Estate, and Community Association Managers	80	37	High school diploma or equivalent
11-9111	Medical and Health Services Managers	65	37	Bachelor's degree

37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	27	38	High school diploma or equivalent
17-2051	Civil Engineers	69	37	Bachelor's degree
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	34	35	High school diploma or equivalent
23-1011	Lawyers	83	35	Doctoral or professional degree
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	25	34	High school diploma or equivalent
49-3093	Tire Repairers and Changers	9	35	High school diploma or equivalent
49-9041	Industrial Machinery Mechanics	53	33	High school diploma or equivalent
47-5013	Service Unit Operators, Oil, Gas, and Mining	75	35	
27-2022	Coaches and Scouts	24	33	Bachelor's degree
43-4111	Interviewers, Except Eligibility and Loan	10	33	High school diploma or equivalent
49-9099	Installation, Maintenance, and Repair Workers, All Other	36	33	High school diploma or equivalent
21-1011	Substance Abuse and Behavioral Disorder Counselors	48	32	Bachelor's degree
11-9199	Managers, All Other	31	31	Bachelor's degree
43-5032	Dispatchers, Except Police, Fire, and Ambulance	10	31	High school diploma or equivalent
29-2071	Medical Records and Health Information Technicians	51	29	Postsecondary non-degree award
13-1051	Cost Estimators	41	29	Bachelor's degree
47-4051	Highway Maintenance Workers	5	28	High school diploma or equivalent
25-2054	Special Education Teachers, Secondary School	9	28	Bachelor's degree
13-1161	Market Research Analysts and Marketing Specialists	63	28	Bachelor's degree
33-3051	Police and Sheriff's Patrol Officers	9	28	High school diploma or equivalent
23-2011	Paralegals and Legal Assistants	39	28	Associate's degree
29-2052	Pharmacy Technicians	41	28	High school diploma or equivalent
51-2092	Team Assemblers	-13	26	High school diploma or equivalent

39-5012	Hairdressers, Hairstylists, and Cosmetologists	27	26	Postsecondary non-degree award High school diploma or equivalent
39-1021	First-Line Supervisors of Personal Service Workers	40	25	High school diploma or equivalent
47-2141	Painters, Construction and Maintenance	27	25	High school diploma or equivalent
33-9099	Protective Service Workers, All Other	3	25	High school diploma or equivalent
51-6011	Laundry and Dry-Cleaning Workers	0	24	
19-4093	Forest and Conservation Technicians	-2	24	Associate's degree High school diploma or equivalent
47-2211	Sheet Metal Workers	33	23	High school diploma or equivalent
17-3011	Architectural and Civil Drafters	36	23	Associate's degree
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	9	23	Bachelor's degree High school diploma or equivalent
53-3021	Bus Drivers, Transit and Intercity	15	23	High school diploma or equivalent
29-2021	Dental Hygienists	50	23	Associate's degree High school diploma or equivalent
25-3021	Self-Enrichment Education Teachers	27	22	High school diploma or equivalent
51-3011	Bakers	16	23	High school diploma or equivalent
43-6012	Legal Secretaries	11	21	High school diploma or equivalent
25-2011	Preschool Teachers, Except Special Education	16	22	Associate's degree
17-2171	Petroleum Engineers	55	21	Bachelor's degree
21-1012	Educational, Guidance, School, and Vocational Counselors	15	21	Master's degree