

Table 19. Average Number of Employees at Underground and Surface Mines by State and Mine Production Range, 2015

Coal-Producing State, Region ¹ and Mine Type	Mine Production Range (thousand short tons)							Zero ²	Total Number of Employees
	Above 1,000	Above 500 to 1,000	Above 200 to 500	Above 100 to 200	Above 50 to 100	Above 10 to 50	Above 0 to 10		
Alabama	2,157	-	326	329	193	72	18	117	3,212
Underground	2,157	-	-	135	47	21	-	104	2,464
Surface	-	-	326	194	146	51	18	13	748
Alaska	113	-	-	-	-	-	-	-	113
Surface	113	-	-	-	-	-	-	-	113
Arizona	403	-	-	-	-	-	-	-	403
Surface	403	-	-	-	-	-	-	-	403
Arkansas	-	-	-	-	73	-	2	-	75
Underground	-	-	-	-	73	-	-	-	73
Surface	-	-	-	-	-	-	2	-	2
Colorado	1,492	121	29	-	-	-	-	-	1,642
Underground	1,080	121	-	-	-	-	-	-	1,201
Surface	412	-	29	-	-	-	-	-	441
Illinois	3,656	246	50	-	-	10	12	172	4,146
Underground	3,518	88	-	-	-	-	-	140	3,746
Surface	138	158	50	-	-	10	12	32	400
Indiana	2,750	243	52	57	-	16	29	145	3,311
Underground	1,567	88	-	-	-	16	29	99	1,818
Surface	1,183	155	52	57	-	-	-	46	1,493
Kansas	-	-	-	7	-	-	-	-	7
Surface	-	-	-	7	-	-	-	-	7
Kentucky Total	3,325	1,099	1,707	830	573	683	279	1,309	9,821
Underground	3,025	776	1,173	559	277	249	85	846	7,001
Surface	300	323	534	271	296	434	194	463	2,820
Kentucky (East)	429	914	1,642	812	542	665	279	1,005	6,304
Underground	331	661	1,132	559	246	249	85	605	3,879
Surface	98	253	510	253	296	416	194	400	2,425
Kentucky (West)	2,896	185	65	18	31	18	-	304	3,517
Underground	2,694	115	41	-	31	-	-	241	3,122
Surface	202	70	24	18	-	18	-	63	395
Louisiana	280	-	-	27	-	-	-	-	307
Surface	280	-	-	27	-	-	-	-	307
Maryland	-	-	186	44	55	23	13	38	359
Underground	-	-	95	32	-	-	-	38	165
Surface	-	-	91	12	55	23	13	-	194
Mississippi	218	-	-	112	-	-	-	-	330
Surface	218	-	-	112	-	-	-	-	330
Missouri	-	-	-	15	-	-	-	-	15
Surface	-	-	-	15	-	-	-	-	15
Montana	1,318	-	12	-	-	-	-	-	1,330
Underground	313	-	-	-	-	-	-	-	313
Surface	1,005	-	12	-	-	-	-	-	1,017
New Mexico	1,130	-	-	-	-	-	-	-	1,130
Underground	483	-	-	-	-	-	-	-	483
Surface	647	-	-	-	-	-	-	-	647
North Dakota	1,261	-	-	-	-	-	-	-	1,261
Surface	1,261	-	-	-	-	-	-	-	1,261
Ohio	1,129	708	44	213	37	72	9	85	2,309
Underground	991	329	-	143	-	50	5	29	1,559
Surface	138	379	44	70	37	22	4	56	750
Oklahoma	-	-	74	80	-	6	1	-	161
Underground	-	-	74	-	-	-	-	-	74
Surface	-	-	-	80	-	6	1	-	87
Pennsylvania Total	3,492	60	950	440	483	366	205	606	6,633
Underground	3,492	60	663	195	73	59	28	189	4,780
Surface	-	-	287	245	410	307	177	417	1,853
Pennsylvania (Anthracite)	-	-	87	74	240	134	77	384	1,005

Coal-Producing State, Region ¹ and Mine Type	Mine Production Range (thousand short tons)								Total Number of Employees
	Above 1,000	Above 500 to 1,000	Above 200 to 500	Above 100 to 200	Above 50 to 100	Above 10 to 50	Above 0 to 10	Zero ²	
Underground	-	-	-	-	-	31	25	26	82
Surface	-	-	87	74	240	103	52	358	923
Pennsylvania (Bituminous)	3,492	60	863	366	243	232	128	222	5,628
Underground	3,492	60	663	195	73	28	3	163	4,698
Surface	-	-	200	171	170	204	125	59	930
Tennessee	-	-	84	24	51	80	2	35	276
Underground	-	-	84	-	22	46	-	29	181
Surface	-	-	-	24	29	34	2	6	95
Texas	2,341	157	191	-	-	-	-	-	2,689
Surface	2,341	157	191	-	-	-	-	-	2,689
Utah	822	180	95	10	-	9	-	84	1,211
Underground	822	180	65	10	-	9	-	72	1,158
Surface	-	-	30	-	-	-	-	12	53
Virginia	730	93	900	351	270	220	59	370	2,993
Underground	730	-	648	237	131	153	6	261	2,166
Surface	-	93	252	114	139	67	53	109	827
West Virginia Total	7,339	2,811	2,275	870	223	376	70	1,526	15,490
Underground	6,318	2,282	1,882	569	103	253	25	1,123	12,555
Surface	1,021	529	393	301	120	123	45	403	2,935
West Virginia (Northern)	4,369	479	202	130	19	75	9	214	5,497
Underground	4,369	403	202	122	19	57	-	143	5,315
Surface	-	76	-	8	-	18	9	71	182
West Virginia (Southern)	2,970	2,332	2,073	740	204	301	61	1,312	9,993
Underground	1,949	1,879	1,680	447	84	196	25	980	7,240
Surface	1,021	453	393	293	120	105	36	332	2,753
Wyoming	6,635	-	-	-	-	-	-	-	6,635
Underground	308	-	-	-	-	-	-	-	308
Surface	6,327	-	-	-	-	-	-	-	6,327
Appalachia Total	15,276	4,586	6,407	3,083	1,854	1,874	655	3,782	37,576
Underground	14,019	3,332	4,504	1,870	622	831	149	2,378	27,749
Surface	1,257	1,254	1,903	1,213	1,232	1,043	506	1,404	9,827
Appalachia Central	4,129	3,339	4,699	1,927	1,067	1,266	401	2,722	19,566
Underground	3,010	2,540	3,544	1,243	483	644	116	1,875	13,466
Surface	1,119	799	1,155	684	584	622	285	847	6,100
Appalachia Northern	8,990	1,247	1,382	827	594	536	236	943	14,798
Underground	8,852	792	960	492	92	166	33	399	11,819
Surface	138	455	422	335	502	370	203	544	2,979
Appalachia Southern	2,157	-	326	329	193	72	18	117	3,212
Underground	2,157	-	-	135	47	21	-	104	2,464
Surface	-	-	326	194	146	51	18	13	748
Interior Region Total	12,141	831	432	316	104	50	44	621	14,558
Underground	7,779	291	115	-	104	16	29	480	8,833
Surface	4,362	540	317	316	-	34	15	141	5,725
Illinois Basin	9,302	674	167	75	31	44	41	621	10,974
Underground	7,779	291	41	-	31	16	29	480	8,686
Surface	1,523	383	126	75	-	28	12	141	2,288
Other Interior	2,839	157	265	241	73	6	3	-	3,584
Underground	-	-	74	-	73	-	-	-	147
Surface	2,839	157	191	241	-	6	3	-	3,437
Western Region Total	13,174	301	136	10	-	9	-	84	13,725
Underground	3,006	301	65	10	-	9	-	72	3,463
Surface	10,168	-	71	-	-	-	-	12	10,262
Powder River Basin	6,633	-	-	-	-	-	-	-	6,633
Surface	6,633	-	-	-	-	-	-	-	6,633
Uinta Basin	2,314	180	65	10	-	-	-	84	2,664
Underground	1,902	180	65	10	-	-	-	72	2,229
Surface	412	-	-	-	-	-	-	12	435
Other Western	4,227	121	71	-	-	9	-	-	4,428
Underground	1,104	121	-	-	-	9	-	-	1,234
Surface	3,123	-	71	-	-	-	-	-	3,194
East of Mississippi River	24,796	5,260	6,574	3,270	1,885	1,918	696	4,403	48,880

Coal-Producing State, Region ¹ and Mine Type	Mine Production Range (thousand short tons)							Zero ²	Total Number of Employees
	Above 1,000	Above 500 to 1,000	Above 200 to 500	Above 100 to 200	Above 50 to 100	Above 10 to 50	Above 0 to 10		
Underground	21,798	3,623	4,545	1,870	653	847	178	2,858	36,435
Surface	2,998	1,637	2,029	1,400	1,232	1,071	518	1,545	12,445
West of Mississippi River	15,795	458	401	139	73	15	3	84	16,979
Underground	3,006	301	139	10	73	9	-	72	3,610
Surface	12,789	157	262	129	-	6	3	12	13,369
U.S. Subtotal	40,591	5,718	6,975	3,409	1,958	1,933	699	4,487	65,859
Underground	24,804	3,924	4,684	1,880	726	856	178	2,930	40,045
Surface	15,787	1,794	2,291	1,529	1,232	1,077	521	1,557	25,814
Refuse Recovery	-	6	11	10	22	44	19	-	112
U.S. Total	40,591	5,724	6,986	3,419	1,980	1,977	718	4,487	65,971

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

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

- = No data 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.'