

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

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

See footnotes at end of table.

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

Coal-Producing State, Region ¹ , and Mine Type	Mine Production Range (thousand short tons)								Total Number of Employees
	1,000 and Greater	500 to 1,000	200 to 500	100 to 200	50 to 100	10 to 50	Less Than 10	Zero ²	
Utah (continued)	-	-	-	-	-	-	-	8	8
Surface	-	-	-	-	-	-	-	8	8
Virginia	940	320	1,579	747	211	438	96	626	4,957
Underground	940	-	1,116	584	133	276	43	435	3,527
Surface	-	320	463	163	78	162	53	191	1,430
West Virginia Total	8,359	3,626	4,346	1,510	284	637	145	2,184	21,091
Underground	5,604	2,339	3,827	1,281	218	366	79	1,422	15,136
Surface	2,755	1,287	519	229	66	271	66	762	5,955
Northern	4,092	211	216	145	49	60	36	251	5,060
Underground	3,862	167	216	98	22	29	23	153	4,570
Surface	230	44	-	47	27	31	13	98	490
Southern	4,267	3,415	4,130	1,365	235	577	109	1,933	16,031
Underground	1,742	2,172	3,611	1,183	196	337	56	1,269	10,566
Surface	2,525	1,243	519	182	39	240	53	664	5,465
Wyoming	6,821	-	18	-	-	4	14	-	6,857
Underground	213	-	-	-	-	-	-	-	213
Surface	6,608	-	18	-	-	4	14	-	6,644
Appalachian Total	18,285	9,294	11,252	4,905	2,916	2,845	1,079	5,749	56,325
Underground	14,492	6,217	7,304	3,271	1,326	1,250	357	3,473	37,690
Surface	3,793	3,077	3,948	1,634	1,590	1,595	722	2,276	18,635
Northern	9,441	1,555	1,919	655	722	622	367	1,295	16,576
Underground	8,686	1,153	1,102	216	95	81	78	620	12,051
Surface	755	402	817	439	627	541	289	675	4,545
Central	6,402	7,081	8,708	4,071	1,944	2,146	706	4,350	35,408
Underground	3,365	4,675	6,202	3,029	1,201	1,145	279	2,289	22,689
Surface	3,037	2,406	2,506	1,042	743	1,001	427	1,557	12,719
Southern	2,442	658	625	179	250	77	6	104	4,341
Underground	2,441	389	-	26	30	24	-	60	2,970
Surface	1	269	625	153	220	53	6	44	1,371
Interior Total	11,710	1,226	618	197	161	139	17	600	14,668
Underground	6,855	804	120	47	23	74	-	412	8,335
Surface	4,855	422	498	150	138	65	17	188	6,333

Illinois Basin	8,613	1,053	500	83	161	71	2	600	11,083
Underground	6,855	804	91	4	23	47	-	412	8,236
Surface	1,758	249	409	79	138	24	2	188	2,847
Western Total	14,504	225	157	27	20	4	14	113	15,064
Underground	4,017	225	101	27	20	-	-	100	4,490
Surface	10,487	-	56	-	-	4	14	13	10,574
Powder River Basin	6,896	-	-	-	-	-	-	-	6,896
Surface	6,896	-	-	-	-	-	-	-	6,896
Uinta Region	3,562	169	101	27	20	-	-	97	3,976
Underground	3,099	169	101	27	20	-	-	89	3,505
Surface	463	-	-	-	-	-	-	8	471
East of Miss. River	27,130	10,347	11,752	4,988	3,077	2,916	1,081	6,349	67,640
Underground	21,347	7,021	7,395	3,275	1,349	1,297	357	3,885	45,926
Surface	5,783	3,326	4,357	1,713	1,728	1,619	724	2,464	21,714
West of Miss. River	17,369	398	275	141	20	72	29	113	18,417
Underground	4,017	225	130	70	20	27	-	100	4,589
Surface	13,352	173	145	71	-	45	29	13	13,828
Subtotal	44,499	10,745	12,027	5,129	3,097	2,988	1,110	6,462	86,057
Underground	25,364	7,246	7,525	3,345	1,369	1,324	357	3,985	50,515
Surface	19,135	3,499	4,502	1,784	1,728	1,664	753	2,477	35,542
Refuse Recovery	-	-	36	15	19	37	31	-	138
U.S. Total	44,499	10,745	12,063	5,144	3,116	3,025	1,141	6,462	86,195

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

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

- = No data are reported.

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

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