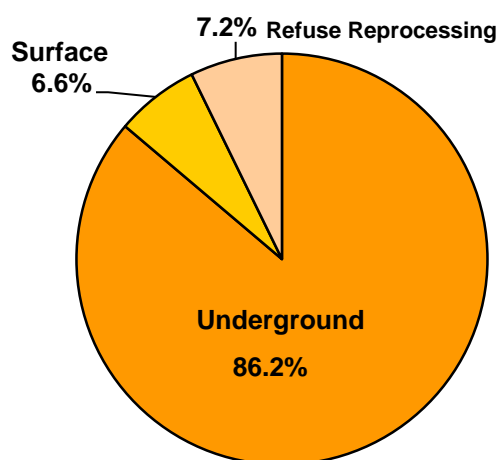


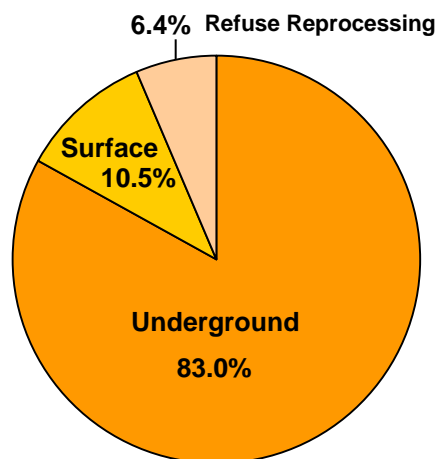
2018 BITUMINOUS STATEWIDE PRODUCTION SUMMARY

	2018	2017	Change	% Change
Underground Mines				
Production (tons)	44,635,835	43,784,765	851,070	1.9%
Production (cubic yards)*	39,996,268	39,233,660		
Employees	3,735	3,777	-42	-1.1%
Hours Worked	8,368,876	8,701,738	-332,862	-3.8%
Mines Reporting Production	35	38	-3	-7.9%
Companies Reporting Production	11	12	-1	-8.3%
Surface Mines (including GFCCs)				
Production (tons)**	3,407,754	5,562,096	-2,154,342	-38.7%
Production (cubic yards)*	3,053,543	4,983,957		
Employees	615	723	-108	-14.9%
Hours Worked	1,056,709	1,156,288	-99,579	-8.6%
Mines Reporting Production	138	127	11	8.7%
Companies Reporting Production	58	59	-1	-1.7%
Coal Refuse Sites (including GFCCs)				
Production (tons)	3,746,914	3,376,411	370,503	11.0%
Production (cubic yards)*	3,357,450	3,025,458		
Employees	51	59	-8	-13.6%
Hours Worked	95,105	88,899	6,206	7.0%
Sites Reporting Production	16	16	0	0.0%
Companies Reporting Production	10	9	1	11.1%
Total Bituminous Production				
Production (tons)	51,790,503	52,723,272	-932,769	-1.8%
Production (cubic yards)*	46,407,261	47,243,075		
Employees	4,401	4,559	-158	-3.5%
Hours Worked	9,520,690	9,946,925	-426,235	-4.3%
Mines Reporting Production	189	181	8	4.4%
Companies Reporting Production	79	80	-1	-1.3%

2018 Total Bituminous Production



2017 Total Bituminous Production



*Production reported in cubic yards calculated using 1,800 tons per acre-foot or 1.116 tons per cubic yard.

**The reduced 2018 Surface Mines tonnage is due to a reclassification of several mines from Bituminous to the Industrial Minerals category.