

Table 2.9 Coal Production and Miner Productivity in Utah, 1960-2023

Year	Number of Active Mines	Number of Operators	Production		Average Daily Work Force	Productivity Tons/employee hour
			Thousand	Short Tons		
1960	45	na		4,955	2,418	na
1961	50	na		5,159	2,206	na
1962	38	na		4,297	2,034	na
1963	36	na		4,359	1,596	na
1964	35	na		4,720	1,679	na
1965	31	na		4,992	1,495	na
1966	25	na		4,636	1,374	na
1967	24	na		4,174	1,238	na
1968	23	na		4,317	1,155	na
1969	21	na		4,657	1,193	na
1970	20	na		4,733	1,469	na
1971	22	na		4,626	1,430	na
1972	22	na		4,802	1,582	na
1973	16	na		5,650	1,603	na
1974	15	na		6,046	1,514	na
1975	20	na		6,937	2,550	na
1976	24	na		7,968	2,614	na
1977	26	na		8,838	2,703	na
1978	28	na		9,253	3,424	na
1979	25	na		12,096	3,656	na
1980	29	na		13,236	3,512	na
1981	28	16		13,808	4,166	1.99
1982	29	16		16,912	4,296	2.05
1983	25	15		11,829	2,669	2.44
1984	24	15		12,259	2,469	2.74
1985	22	15		12,831	2,652	2.54
1986	21	16		14,269	2,488	2.73
1987	20	16		16,521	2,498	3.57
1988	17	14		18,164	2,340	3.81
1989	20	14		20,517	2,413	4.32
1990	18	13		22,012	2,400	4.54
1991	16	11		21,875	2,263	4.72
1992	16	10		21,015	2,033	5.31
1993	15	9		21,723	2,065	5.64
1994	14	8		24,422	2,013	6.33
1995	14	7		25,051	2,018	6.67
1996	13	7		27,071	2,091	6.89
1997	16	8		26,428	2,068	6.14
1998	17	8		26,600	1,983	6.43
1999	15	8		26,491	1,841	6.83
2000	13	8		26,920	1,727	7.70
2001	13	7		27,024	1,488	6.64
2002	13	8		25,299	1,518	7.98
2003	14	9		23,069	1,556	7.53
2004	13	8		21,818	1,499	6.99
2005	13	8		24,556	1,764	6.64
2006	13	8		26,131	1,981	6.35
2007	10	8		24,288	1,930	6.07
2008	9	7		24,275	2,028	6.05
2009	8	6		21,927	1,951	5.51
2010	8	6		19,406	1,793	5.19
2011	9	7		20,073	1,791	5.20
2012	9	7		17,155	1,574	5.12
2013 <sup>1</sup>	8	6		16,953	1,394	5.71
2014	8	6		17,933	1,325	6.24
2015 <sup>2</sup>	9	5		14,513	1,231	5.59
2016	8	4		13,978	1,185	5.63
2017	8	5		14,417	1,192	5.59
2018	8	5		13,753	1,316	4.73
2019	8	5		14,347	1,397	4.61
2020 <sup>3</sup>	6	5		13,325	1,345	4.43
2021	6	5		12,542	1,336	4.63
2022	6	5		10,719	1,361	3.77
2023	6	5		6,966	1,323	2.53

<sup>1</sup>The Emery mine was not active in 2013, a small amount of coal was shipped off their stockpile and counted as production

<sup>2</sup>The Deer Creek mine was shut down in early Jan 2015 and is not included in the total for active mines

<sup>3</sup>The Castle Valley #4 mine was shut down in early Jan 2020 and is not included in the total for active mines

Source: UGS coal company questionnaires, MSHA