

Table 2.9 Coal Production and Miner Productivity in Utah, 1960-2016

| 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 | | 2,707 | 2.30 |
| 1984 | 24 | 15 | 12,259 | | 2,525 | 2.55 |
| 1985 | 22 | 15 | 12,831 | | 2,563 | 2.38 |
| 1986 | 21 | 16 | 14,269 | | 2,881 | 2.59 |
| 1987 | 20 | 16 | 16,521 | | 2,650 | 3.38 |
| 1988 | 17 | 14 | 18,164 | | 2,559 | 3.74 |
| 1989 | 20 | 14 | 20,517 | | 2,471 | 4.25 |
| 1990 | 18 | 13 | 22,012 | | 2,791 | 4.44 |
| 1991 | 16 | 11 | 21,875 | | 2,292 | 4.55 |
| 1992 | 16 | 10 | 21,015 | | 2,106 | 5.09 |
| 1993 | 15 | 9 | 21,723 | | 2,161 | 5.42 |
| 1994 | 14 | 8 | 24,422 | | 2,024 | 6.20 |
| 1995 | 14 | 7 | 25,051 | | 1,989 | 6.54 |
| 1996 | 13 | 7 | 27,071 | | 2,077 | 6.77 |
| 1997 | 16 | 8 | 26,428 | | 2,091 | 6.01 |
| 1998 | 17 | 8 | 26,600 | | 1,950 | 6.23 |
| 1999 | 15 | 8 | 26,491 | | 1,843 | 6.71 |
| 2000 | 13 | 8 | 26,920 | | 1,767 | 7.54 |
| 2001 | 13 | 7 | 27,024 | | 1,526 | 6.50 |
| 2002 | 13 | 8 | 25,299 | | 1,560 | 7.73 |
| 2003 | 14 | 9 | 23,069 | | 1,600 | 7.30 |
| 2004 | 13 | 8 | 21,818 | | 1,546 | 6.78 |
| 2005 | 13 | 8 | 24,556 | | 1,815 | 6.44 |
| 2006 | 13 | 8 | 26,131 | | 2,038 | 6.18 |
| 2007 | 10 | 8 | 24,288 | | 1,993 | 5.88 |
| 2008 | 9 | 7 | 24,275 | | 2,085 | 5.87 |
| 2009 | 8 | 6 | 21,927 | | 2,008 | 5.36 |
| 2010 | 8 | 6 | 19,406 | | 1,852 | 5.04 |
| 2011 | 9 | 7 | 20,073 | | 1,848 | 5.06 |
| 2012 | 9 | 7 | 17,155 | | 1,621 | 4.99 |
| 2013 ¹ | 8 | 6 | 16,953 | | 1,445 | 5.55 |
| 2014 | 8 | 6 | 17,933 | | 1,383 | 6.00 |
| 2015 ² | 9 | 5 | 14,513 | | 1,263 | 5.45 |
| 2016 | 8 | 4 | 13,747 | | 1,215 | 5.50 |

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

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

Source: UGS coal company questionnaires, MSHA