

Mine Safety and health at a Glance, 1931-2017



| Year | <u>Metal/Nonmetal</u> | | | | <u>Coal</u> | | | | <u>Combined</u> | | | |
|--------------------|-----------------------|--------------|------------|----------------|----------------|--------------|------------|----------------|-----------------|--------------|------------|----------------|
| | Total Injuries | Injury Rates | Fatalities | Fatality Rates | Total Injuries | Injury Rates | Fatalities | Fatality Rates | Total Injuries | Injury Rates | Fatalities | Fatality Rates |
| 1931 | 14,800 | N/A | 225 | N/A | 79,421 | N/A | 1,463 | N/A | 94,221 | N/A | 1,688 | N/A |
| 1940 | 21,240 | N/A | 307 | N/A | 59,164 | N/A | 1,388 | N/A | 80,404 | N/A | 1,695 | N/A |
| 1950 | 13,560 | N/A | 164 | N/A | 37,907 | N/A | 643 | N/A | 51,467 | N/A | 807 | N/A |
| 1960 | 13,904 | N/A | 185 | N/A | 12,227 | N/A | 325 | N/A | 26,131 | N/A | 510 | N/A |
| 1970 | 12,513 | N/A | 165 | N/A | 11,812 | N/A | 260 | N/A | 24,325 | N/A | 425 | N/A |
| 1980 ^{1/} | 17,729 | 6.46 | 103 | 0.038 | 22,723 | 10.03 | 133 | 0.059 | 40,452 | N/A | 236 | N/A |
| 1990 | 15,161 | 7.05 | 56 | 0.026 | 15,825 | 10.18 | 66 | 0.042 | 30,986 | 8.36 | 122 | 0.033 |
| 1991 | 13,985 | 6.76 | 53 | 0.026 | 14,668 | 10.18 | 61 | 0.042 | 28,653 | 8.17 | 114 | 0.032 |
| 1992 | 12,376 | 6.13 | 43 | 0.021 | 13,068 | 9.47 | 55 | 0.040 | 25,444 | 7.48 | 98 | 0.029 |
| 1993 | 11,898 | 5.96 | 51 | 0.026 | 11,023 | 8.95 | 47 | 0.038 | 22,921 | 7.10 | 98 | 0.030 |
| 1994 | 11,790 | 5.73 | 40 | 0.019 | 11,378 | 8.95 | 45 | 0.035 | 23,168 | 6.96 | 85 | 0.026 |
| 1995 | 11,119 | 5.24 | 53 | 0.025 | 9,702 | 8.22 | 47 | 0.040 | 20,821 | 6.30 | 100 | 0.030 |
| 1996 | 10,582 | 4.92 | 47 | 0.022 | 8,315 | 7.24 | 39 | 0.034 | 18,897 | 5.73 | 86 | 0.026 |
| 1997 | 10,333 | 4.75 | 61 | 0.028 | 7,969 | 6.97 | 30 | 0.026 | 18,302 | 5.52 | 91 | 0.027 |
| 1998 | 10,119 | 4.67 | 51 | 0.024 | 7,934 | 7.15 | 29 | 0.026 | 18,053 | 5.51 | 80 | 0.024 |
| 1999 | 9,596 | 4.44 | 55 | 0.025 | 6,621 | 6.44 | 35 | 0.034 | 16,217 | 5.01 | 90 | 0.028 |
| 2000 | 9,600 | 4.45 | 47 | 0.022 | 6,429 | 6.64 | 38 | 0.039 | 16,029 | 5.13 | 85 | 0.027 |
| 2001 | 8,449 | 4.10 | 30 | 0.015 | 6,299 | 6.03 | 42 | 0.040 | 14,748 | 4.75 | 72 | 0.023 |
| 2002 | 7,374 | 3.86 | 42 | 0.022 | 6,039 | 6.03 | 28 | 0.027 | 13,413 | 4.60 | 70 | 0.024 |
| 2003 | 6,882 | 3.65 | 26 | 0.014 | 5,168 | 5.38 | 30 | 0.031 | 12,050 | 4.23 | 56 | 0.020 |
| 2004 | 6,976 | 3.55 | 27 | 0.014 | 5,129 | 5.00 | 28 | 0.027 | 12,105 | 4.05 | 55 | 0.018 |
| 2005 | 7,260 | 3.54 | 35 | 0.017 | 5,182 | 4.62 | 23 | 0.020 | 12,442 | 3.92 | 58 | 0.018 |
| 2006 | 6,807 | 3.19 | 26 | 0.012 | 5,249 | 4.46 | 47 | 0.040 | 12,056 | 3.64 | 73 | 0.022 |
| 2007 | 6,667 | 3.02 | 33 | 0.015 | 4,881 | 4.21 | 34 | 0.029 | 11,548 | 3.43 | 67 | 0.020 |
| 2008 | 6,152 | 2.87 | 23 | 0.011 | 4,916 | 3.89 | 30 | 0.024 | 11,068 | 3.25 | 53 | 0.016 |
| 2009 | 4,402 | 2.54 | 17 | 0.010 | 4,495 | 3.69 | 18 | 0.015 | 8,897 | 3.01 | 35 | 0.012 |
| 2010 | 4,241 | 2.37 | 24 | 0.013 | 4,307 | 3.43 | 48 | 0.038 | 8,548 | 2.81 | 72 | 0.024 |
| 2011 | 4,351 | 2.28 | 16 | 0.008 | 4,555 | 3.43 | 21 | 0.015 | 8,906 | 2.75 | 36 | 0.011 |
| 2012 | 4,302 | 2.20 | 16 | 0.008 | 3,878 | 3.21 | 20 | 0.016 | 8,180 | 2.56 | 36 | 0.011 |
| 2013 r/ | 4,164 | 2.14 | 22 | 0.011 | 3,346 | 3.15 | 20 | 0.018 | 7,510 | 2.50 | 42 | 0.013 |
| 2014 r/ | 4,257 | 2.11 | 30 | 0.015 | 3,323 | 3.15 | 16 | 0.015 | 7,580 | 2.47 | 46 | 0.015 |
| 2015 r/ | 4,061 | 2.03 | 17 | 0.008 | 2,635 | 2.93 | 12 | 0.013 | 6,696 | 2.31 | 29 | 0.010 |
| 2016 r/ | 2,019 | 1.94 | 17 | 0.009 | 3,750 | 2.92 | 8 | 0.015 | 5,769 | 2.19 | 25 | 0.010 |
| 2017 p/ | 3,373 | 1.76 | 13 | 0.007 | 2,294 | 3.16 | 15 | 0.020 | 5,667 | 2.15 | 28 | 0.010 |

Metal/Nonmetal includes stone, sand & gravel. Includes contractors, office workers and prep plants, independent shops & yards, mills N/A not available. 2017 data are preliminary. Rates per 200,000 employee-hours.

^{1/} Beginning in 1978 all injury data category was expanded to include non-disabling injuries. p/ Preliminary data. r/ Revised.

Source: U.S. Mine Safety & Health Administration

Updated: May 2018