U.S. Department of Labor

Mine Safety and Health Administration

Protecting Miners' Safety and Health Since 1978

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Table 04. Number of FATAL Injuries and FATAL Incidence Rates (IR) at Stone Operations in the United States, by Primary Activity, 1978-2005

	Underground Mines						Surface Mines							
	Underground		Surf at UG		Total		Strip		Dredge		Other		Total	
Year	Fatals	IR	Fatals	IR	Fatals	IR	Fatals	IR	Fatals	IR	Fatals	IR	Fatals	IR
1978	2	.11	1	.22	3	.13	23	.07	-	-	-	-	23	.07
1979	1	.05	1	.21	2	.08	24	.07	-	-	-	-	24	.07
1980	-	-	-	-	-	-	22	.07	1	.23	-	-	23	.07
1981	-	-	-	-	-	-	9	.03	1	.25	-	-	10	.03
1982	1	.07	-	-	1	.06	8	.06	-	-	-	-	8	.06
1983 1/	-	-	-	-	-	-	10	.04	-	-	-	-	10	.04
1984	1	.07	1	.26	2	.11	14	.05	-	-	-	-	14	.05
1985	2	.14	1	.24	3	.17	6	.02	-	-	-	-	6	.02
1986	1	.07	2	.55	3	.16	11	.04	-	-	-	-	11	.04
1987	-	-	-	-	-	-	17	.06	-	-	-	-	17	.05
1988	-	-	-	-	-	-	6	.02	-	-	-	-	6	.02
1989	-	-	-	-	-	-	18	.06	-	-	-	-	18	.06
1990	-	-	-	-	-	-	9	.03	-	-	-	-	9	.03
1991	1	.07	-	-	1	.05	9	.03	-	-	-	-	9	.03
1992	2	.13	1	.22	3	.15	6	.02	-	-	-	-	6	.02
1993	7	.45	1	.23	8	.15	2	.01	-	-	-	-	2	.01
1994	1	.06	1	.26	2	.10	11	.04	-	-	-	-	11	.04
1995	-	-	-	-	-	-	11	.04	-	-	-	-	11	.04
1996	2	.12	-	-	2	.10	11	.04	-	-	-	-	11	.04
1997	2	.11	-	-	2	.09	13	.05	-	-	-	-	13	.04
1998	-	-	-	-	-	-	9	.03	-	-	-	-	9	.03
1999	2	.10	-	-	2	.09	10	.03	-	-	-	-	10	.03
2000	1	.05	-	-	1	.04	10	.03	-	-	-	-	10	.03
2001	-	-	-	-	-	-	3	.01	-	-	-	-	3	.01
2002	-	-	-	-	-	-	10	.03	-	-	-	-	10	.03
2003	1	.05	1	.25	2	.09	5	.02	-	-	-	-	5	.02
2004	-	-	-	-	-	-	3	.01	-	-	-	-	3	.01
2005	3	.14	-	-	3	.12	5	.01	-	-	-	-	5	.01

Table 04. Number of FATAL Injuries and FATAL Incidence Rates (IR) at Stone Operations in the United States, by Primary Activity, 1978-2005 – continued:

Year	Total Mining		Indp Shops/Yrds		Mills		Total w/o Office		Office		Grand Total	
	Fatals	IR	Fatals	IR	Fatals	IR	Fatals	IR	Fatals	IR	Fatals	IR

1978	26	.07	-	-	23	.05	49	.06	-	-	49	.05
1979	26	.07	-	-	14	.03	40	.05	1	.01	41	.04
1980	23	.06	-	-	19	.04	42	.05	-	-	42	.04
1981	10	.03	-	-	9	.02	19	.03	-	-	19	.02
1982	9	.06	-	-	1	.01	10	.03	-	-	10	.03
1983 1/	10	.04	-	-	6	.02	16	.03	-	-	16	.02
1984	16	.05	-	-	13	.03	29	.04	-	-	29	.04
1985	9	.03	-	-	10	.03	19	.03	-	-	19	.02
1986	14	.04	-	-	2	.01	16	.02	-	-	16	.02
1987	17	.05	-	-	4	.01	21	.03	-	-	21	.03
1988	6	.02	-	-	9	.02	15	.02	-	-	15	.02
1989	18	.06	-	-	1	2/	19	.03	-	-	19	.02
1990	9	,03	-	-	6	.02	15	.02	-	-	15	.02
1991	10	.04	-	-	4	.01	14	.02	-	-	14	.02
1992	9	.03	-	-	3	.01	12	.02	-	-	12	.02
1993	10	.03	-	-	5	.01	15	.02	-	-	15	.02
1994	13	.04	-	-	4	.01	17	.03	-	-	17	.02
1995	11	.04	-	-	3	.01	14	.02	-	-	14	.02
1996	13	.04	-	-	7	.02	20	.03	-	-	20	.03
1997	15	.05	-	-	2	.01	17	.02	-	-	17	.02
1998	9	.03	-	-	5	.01	14	.02	-	-	14	.02
1999	12	.04	-	-	1	2/	13	.02	-	-	13	.02
2000	11	.03	-	-	4	.01	15	.02	-	-	15	.02
2001	3	.01	-	-	-	-	3	2/	-	-	3	2/
2002	10	.03	-	-	9	.03	19	.03	-	-	19	.02
2003	7	.02	1	.40	1	(*)	9	.01	-	-	9	.01
2004	3	.01	-	-	5	.01	8	.01	-	-	8	.01
2005	8	.02	-	-	7	.02	15	.02	-	-	15	.02

1/ Beginning in 1983, only operator data are available at this level of detail.
2/ Less than 0.005.

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Mining Industry Accident, Injuries, Employment, and Production Statistics

Stone Quarries and Mills

Historical Data Tables for 1978 - 2005 (Files Updated 07/26/2006)
Number of Operations
Average Number of Employees
Employee Hours Worked
Number of Fatal Injuries and Fatal Incidence Rates (IR)
Number of Nonfatal Days Lost (NFDL) Injuries and Incidence Rates (IR)
Number of No Days Lost (NDL) Injuries and Incidence Rates (IR)
Number of Injuries and Total Incidence Rates (IR)

Historical Data Tables for 1931-1977
Injury Experience and Worktime Data at Stone Quarries and Mills
Injury Experience and Worktime Data at Stone Quarries
Injury Experience and Worktime Data at Stone Mills

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