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Mine Safety and Health Administration
Protecting Miners' Safety and Health Since 1978

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Table 06. Number of NO DAYS LOST (NDL) Injuries and NDL Incidence Rates (IR) at Stone Operations in the United States, by Primary Activity, 1978-2005

Year	Underground Mines						Surface Mines							
	Underground		Surf at UG		Total		Strip		Dredge		Other		Total	
	NDLs	IR	NDLs	IR	NDLs	IR	NDLs	IR	NDLs	IR	NDLs	IR	NDLs	IR
1978	56	3.00	22	4.83	78	3.36	1,174	3.58	5	1.17	-	-	1,179	3.55
1979	33	1.70	13	2.70	46	1.90	847	2.44	-	-	-	-	847	2.40
1980	24	1.35	10	2.39	34	1.55	584	1.78	-	-	-	-	584	1.75
1981	18	1.14	6	1.46	24	1.21	430	1.52	-	-	-	-	430	1.50
1982	15	1.10	4	.99	19	1.07	162	1.22	-	-	-	-	162	1.21
1983 1/	15	1.16	2	.55	17	1.03	334	1.28	-	-	-	-	334	1.27
1984	16	1.12	6	1.55	22	1.21	366	1.29	-	-	-	-	366	1.29
1985	14	1.00	12	2.92	26	1.44	369	1.26	1	.34	-	-	370	1.25
1986	32	2.19	5	1.38	37	2.03	456	1.49	-	-	-	-	456	1.48
1987	37	2.56	10	2.69	47	2.59	747	2.43	-	-	-	-	747	2.41
1988	50	3.33	27	6.55	77	4.02	952	3.12	1	.52	-	-	953	3.11
1989	47	3.10	26	6.26	73	3.78	1,114	3.85	1	.54	-	-	1,115	3.83
1990	43	2.75	26	5.72	69	3.42	1,018	3.60	3	1.67	-	-	1,021	3.58
1991	58	3.96	18	8.04	76	4.00	863	3.33	2	1.89	-	-	865	3.33
1992	34	2.25	20	4.42	54	2.75	774	2.94	11	14.81	-	-	785	2.97
1993	44	2.85	16	3.63	60	3.02	810	2.97	4	4.60	-	-	814	2.97
1994	44	2.59	18	5.01	62	3.02	801	2.78	4	4.08	-	-	805	2.79
1995	29	1.69	8	2.56	37	1.83	769	2.66	4	4.94	-	-	773	2.67
1996	26	1.51	14	4.64	40	1.98	608	2.15	4	3.82	-	-	612	2.16
1997	26	1.44	10	3.27	36	1.70	658	2.28	7	8.89	-	-	665	2.30
1998	29	1.51	8	2.52	37	1.65	579	1.91	1	2.58	-	-	580	1.91
1999	19	.97	14	3.98	33	1.43	567	1.81	-	-	-	-	567	1.80
2000	19	.96	16	4.07	35	1.48	567	1.80	-	-	-	-	567	1.80
2001	32	1.66	14	3.38	46	1.97	490	1.56	-	-	-	-	490	1.56
2002	15	.80	10	2.22	25	1.07	446	1.43	1	2.42	-	-	447	1.43
2003	22	1.19	10	2.53	32	1.42	400	1.27	1	1.60	-	-	401	1.27
2004	20	1.03	14	3.53	34	1.45	435	1.32	-	-	-	-	435	1.32
2005	17	.79	20	4.91	37	1.45	427	1.23	-	-	-	-	427	1.23

Table 06. Number of NO DAYS LOST (NDL) Injuries and NDL 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	
	NDLs	IR	NDLs	IR	NDLs	IR	NDLs	IR	NDLs	IR	NDLs	IR
1978	1,257	3.53	15	4.14	1,410	3.06	2,682	3.27	17	.15	2,699	2.89
1979	893	2.37	8	2.53	1,024	2.11	1,925	2.22	12	.10	1,937	1.97
1980	618	1.74	9	3.63	851	1.85	1,478	1.81	2	.02	1,480	1.58
1981	454	1.48	2	1.04	754	1.82	1,210	1.67	3	.03	1,213	1.45
1982	181	1.20	-	-	223	1.23	404	1.21	1	.02	405	1.05
1983 1/	351	1.26	3	2.12	605	1.72	959	1.52	5	.05	964	1.32
1984	388	1.28	5	3.05	569	1.53	962	1.42	3	.03	965	1.24

1985	396	1.26	3	1.66	637	1.72	1,036	1.51	6	.06	1,042	1.32
1986	493	1.51	3	1.78	809	2.22	1,305	1.88	8	.08	1,313	1.64
1987	794	2.42	6	3.00	1,107	3.00	1,907	2.73	10	.10	1,917	2.39
1988	1,030	3.16	15	6.67	1,644	4.39	2,689	3.83	11	.11	2,700	3.35
1989	1,188	3.82	11	4.55	1,746	4.69	2,945	4.29	15	.14	2,960	3.74
1990	1,090	3.57	9	4.15	1,428	3.87	2,527	3.74	17	.16	2,544	3.26
1991	941	3.37	10	5.44	1,323	3.79	2,274	3.61	15	.15	2,289	3.13
1992	839	2.96	8	4.28	1,224	3.57	2,071	3.30	16	.16	2,087	2.86
1993	874	2.98	7	4.03	1,202	3.45	2,083	3.24	17	.17	2,100	2.82
1994	867	2.80	6	2.17	1,116	3.18	1,989	3.00	15	.15	2,004	2.62
1995	810	2.62	6	1.98	1,076	2.96	1,892	2.80	6	.06	1,898	2.45
1996	652	2.15	3	.87	994	2.65	1,649	2.42	8	.08	1,657	2.11
1997	701	2.26	12	3.84	901	2.36	1,614	2.32	12	.12	1,626	2.04
1998	617	1.89	6	1.90	858	2.21	1,481	2.06	12	.11	1,493	1.81
1999	600	1.78	8	2.95	842	2.16	1,450	1.99	14	.13	1,464	1.75
2000	602	1.78	10	4.17	799	2.05	1,411	1.93	9	.08	1,420	1.69
2001	536	1.59	5	2.06	779	2.05	1,320	1.83	8	.07	1,328	1.60
2002	472	1.40	9	3.75	631	1.75	1,112	1.59	7	.06	1,119	1.38
2003	433	1.28	8	3.24	599	1.70	1,040	1.50	3	.03	1,043	1.30
2004	469	1.33	4	1.27	587	1.65	1,060	1.49	9	.09	1,069	1.31
2005	464	1.24	5	1.60	639	1.77	1,108	1.50	10	.09	1,118	1.33

1/ Beginning in 1983, only operator data are available at this level of detail

Mine Safety and Health Administration
(MSHA)
1100 Wilson Boulevard, 21st Floor
Arlington, VA 22209-3939

Phone: (202) 693-9400
Fax-on-demand: (202) 693-9401
Technical (web) questions: Webmaster
Contact Us

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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