U.S. Department of Labor
Mine Safety and Health Administration
Protecting Miners' Safety and Health Since 1978

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Table 05. Number of NONFATAL DAYS LOST (NFDL) Injuries and NFDL Incidence Rates 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	
	NFDLs	IR	NFDLs	IR	NFDLs	IR	NFDLs	IR	NFDLs	IR	NFDLs	IR	NFDLs	IR
1978	144	7.71	36	7.91	180	7.75	1,581	4.82	11	2.58	-	-	1,592	4.79
1979	150	7.75	38	7.89	188	7.78	1,759	5.06	25	5.01	-	-	1,784	5.06
1980	120	6.75	14	3.35	134	6.10	1,354	4.12	40	9.16	-	-	1,394	4.18
1981	87	5.52	19	4.62	106	5.34	1,007	3.55	21	5.17	-	-	1,028	3.58
1982	59	4.32	13	3.21	72	4.07	352	2.66	4	2.97	-	-	356	2.66
1983 1/	56	4.34	22	6.04	78	4.72	845	3.24	4	2.50	-	-	849	3.24
1984	69	4.82	22	5.68	91	5.00	9.32	3.30	12	5.77	-	-	944	3.31
1985	68	4.86	26	6.33	94	5.19	931	3.17	14	4.83	-	-	945	3.19
1986	61	4.18	18	4.96	79	4.34	1,170	3.82	-	-	-	-	1,170	3.82
1987	72	4.99	25	6.73	97	5.35	1,348	4.39	9	3.52	-	-	1,357	4.38
1988	92	6.12	34	8.24	126	6.58	1,567	5.14	3	1.56	-	-	1,570	5.12
1989	104	6.87	32	7.70	136	7.05	1,553	5.36	8	4.30	-	-	1,561	5.36
1990	88	5.63	35	7.69	123	6.10	1,551	5.48	5	2.79	-	-	1,556	5.46
1991	67	4.57	35	8.04	102	5.37	1,380	5.33	10	9.46	-	-	1,390	5.35
1992	74	4.89	30	6.63	104	5.29	1,297	4.93	2	2.69	-	-	1,299	4.92
1993	70	4.53	23	5.22	93	4.68	1,263	4.63	12	13.79	-	-	1,275	4.66
1994	70	4.13	26	7.24	96	4.67	1,355	4.71	7	7.15	-	-	1,362	4.72
1995	57	3.33	18	5.76	75	3.71	1,194	4.14	7	8.64	-	-	1,201	4.15
1996	77	4.48	18	5.97	95	4.70	1,115	3.95	5	4.78	-	-	1,120	3.95
1997	49	2.71	19	6.21	68	3.21	1,151	3.99	7	8.89	-	-	1,158	4.00
1998	77	4.00	19	5.99	96	4.28	1,147	3.79	1	2.58	-	-	1,148	3.78
1999	80	4.10	15	4.26	95	4.12	1,105	3.52	1	3.51	-	-	1,106	3.52
2000	67	3.39	42	10.68	109	4.59	1,187	3.77	4	12.24	-	-	1,191	3.78
2001	61	3.17	16	3.86	77	3.29	1,090	3.48	1	2.56	-	-	1,091	3.47
2002	69	3.68	23	5.10	92	3.95	939	3.00	2	4.83	-	-	941	3.00
2003	54	2.92	21	5.30	75	3.34	872	2.76	1	1.60	-	-	873	2.76
2004	77	3.95	13	3.28	90	3.83	939	2.85	1	2.63	-	-	940	2.85
2005	60	2.80	17	4.17	77	3.02	919	2.65	1	3.53	-	-	920	2.65

Table 05. Number of NONFATAL DAYS LOST (NFDL) Injuries and NFDL Incidence Rates at Stone Operations in the United States, by Primary Activity, 1978-2005 – continued:

Year	Total Mining	Indp	Mills	Total w/o Office	Office	Grand Total

			Shops/Yrds									
	NFDLs	IR	NFDLs	IR	NFDLs	IR	NFDLs	IR	NFDLs	IR	NFDLs	IR
1978	1,772	4.98	15	4.14	2,299	4.99	4,086	4.98	16	.14	4,102	4.40
1979	1,972	5.24	21	6.65	2,454	5.05	4,447	5.14	19	.16	4,466	4.53
1980	1,528	4.30	10	4.03	1,971	4.28	3,509	4.29	11	.09	3,520	3.95
1981	1,134	3.69	8	4.18	1,366	3.29	2,508	3.46	7	.06	2,515	3.01
1982	428	2.83	1	1.18	486	2.68	915	2.74	4	.07	919	2.37
1983 1/	927	3.32	2	1.41	1,106	3.15	2,035	3.22	10	.10	2,045	2.80
1984	1,035	3.42	6	3.66	1,376	3.70	2,417	3.57	12	.12	2,429	3.11
1985	1,039	3.30	4	2.22	1,420	3.84	2,463	3.59	8	.08	2,471	3.13
1986	1,249	3.82	4	2.38	1,482	4.07	2,735	3.95	12	.11	2,747	3.44
1987	1,454	4.43	9	4.51	1,759	4.77	3,222	4.61	22	.21	3,244	4.04
1988	1,696	5.21	8	3.56	1,997	5.34	3,701	5.27	21	.20	3,722	4.62
1989	1,697	5.46	6	2.48	2,060	5.53	3,763	5.49	13	.12	3,776	4.77
1990	1,679	5.50	8	3.69	1,922	5.21	3,609	5.34	15	.14	3,624	4.64
1991	1,492	5.35	11	5.98	1,853	5.32	3,356	5.33	9	.09	3,365	4.61
1992	1,403	4.95	6	3.21	1,647	4.80	3,056	4.86	12	.12	3,068	4.20
1993	1,368	4.66	13	7.49	1,728	4.96	3,109	4.83	14	.14	3,123	4.19
1994	1,458	4.71	9	3.26	1,644	4.69	3,111	4.70	11	.11	3,122	4.09
1995	1,276	4.12	13	4.28	1,456	4.01	2,745	4.06	11	.11	2,756	3.55
1996	1,215	4.00	3	.87	1,399	3.73	2,617	3.84	10	.10	2,627	3.35
1997	1,226	3.95	5	1.60	1,344	3.52	2,575	3.70	15	.15	2,590	3.24
1998	1,244	3.82	13	4.12	1,461	3.76	2,718	3.79	16	.15	2,734	3.32
1999	1,201	3.56	12	4.43	1,472	3.78	2,685	3.68	15	.14	2,700	3.22
2000	1,300	3.83	11	4.59	1,563	4.01	2,874	3.93	23	.21	2,897	3.44
2001	1,168	3.46	11	4.54	1,503	3.95	2,682	3.72	12	.11	2,694	3.24
2002	1,033	3.07	12	5.00	1,417	3.94	2,462	3.52	11	.10	2,473	3.06
2003	948	2.80	17	6.88	1,406	4.00	2,371	3.42	12	.11	2,383	2.98
2004	1,030	2.92	15	4.78	1,264	3.56	2,309	3.25	19	.18	2,328	2.85
2005	997	2.67	12	3.84	1,256	3.48	2,265	3.08	16	.15	2,281	2.71

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

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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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