

Injury Experience in Nonmetallic Mineral Mining, 2012

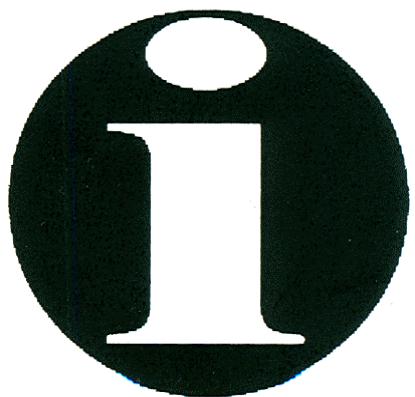


U.S. Department of Labor
Thomas E. Perez, Secretary

Joseph A. Main,
Assistant Secretary of Labor
for Mine Safety and Health

IR 1366

2013



This publication has been reviewed and approved for distribution to the mining public by the Office of the Assistant Secretary for Mine Safety and Health.

CONTENTS

	<u>Page</u>
Abstract	1
Introduction	1
Scope of statistics	2
Definition of terms	2
Table reference guide (operator data)	8

ILLUSTRATIONS

Figure 1.	Scheduled charges in lost workdays for loss or loss of use involving hand or foot.	10
Figure 2.	Quarterly mine employment and coal production report form.	11
Figure 3.	Mine accident injury and illness report form	12

TABLES FOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (OPERATOR DATA)

1.	General statistics on injury experience and worktime	13
2.	Injury experience by degree and worktime for work location	14
3.	Number of injuries lost workdays and average severity by degree for work location	15
4.	Injury experience by degree and worktime for work location and employment size group	16
5.	Number of injuries, lost workdays, and average severity by degree for work location and employment size group	19
6.	Injury experience by degree and worktime for type of mineral, work location, and State	22
7.	Number of injuries, lost workdays, and average severity by degree for type of mineral, work location, and State	83
8.	Number of injuries, incidence rates, and severity measures by degree for work location and part of body injured	113
9.	Number of injuries, lost workdays, and average severity by degree for work location and part of body injured	121
10.	Number of injuries, incidence rates, and severity measures by degree for work location and nature of injury	129
11.	Number of injuries, lost workdays, and average severity by degree for work location and nature of injury	133
12.	Number of injuries, lost workdays, and average severity by degree for part of body injured and nature of injury	137
13.	Number of injuries by accident classification and degree for work location and State	142
14.	Number of lost workdays by accident classification and degree for work location and State	154
15.	Number of injuries by accident classification and degree for work location and type of mineral	164
16.	Number of lost workdays by accident classification and degree of injury for work location and type of mineral	172
17.	Number of injuries, lost workdays, and average severity by degree for work location and occupation at time of injury	180
18.	Number of injuries, lost workdays, and average severity by degree for work location and accident classification	184

TABLES FOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (OPERATOR DATA) -- Continued

19.	Number of injuries, lost workdays, and average severity by degree for accident classification and part of body injured	189
20.	Number of injuries, lost workdays, and average severity by degree for accident classification and nature of injury	194
21.	Occurrences reported to MSHA as occupational illnesses	198
22.	Related noncoal mining summary reference tabulation, number of injuries, incidence rates, average number of employees, and employee-hours, by mineral industry and work location	205
23.	Related coal mining summary reference tabulation, number of injuries, incidence rates, average number of employees, employee-hours, and production by type of coal mined and work location	206

TABLES FOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012
(CONTRACTOR DATA)

Table reference guide (contractor data)	208
1. General statistics on injury experience and severity	210
3. Number of injuries, lost workdays and average severity by degree for work location	211
Number of injuries, lost workdays, and average severity by degree for type of mineral, work location, and State	212
7. Number of injuries, lost workdays, and average severity by degree for work location and part of body injured	226
9. Number of injuries, lost workdays, and average severity by degree for work location and nature of injury	231
11. Number of injuries, lost workdays, and average severity by degree for part of body injured and nature of injury	234
13. Number of injuries by accident classification and degree for work location and State	237
14. Number of lost workdays by accident classification and degree of injury for work location and State	243
15. Number of injuries by accident classification and degree for work location and type of mineral	249
16. Number of lost workdays by accident classification and degree of injury for work location and type of mineral	255
17. Number of injuries, lost workdays, and average severity by degree for work location and occupation at time of injury	261
18. Number of injuries, lost workdays, and average severity by degree for work location and accident classification	264
19. Number of injuries, lost workdays, and average severity by degree for accident classification and part of body injured	267
20. Number of injuries, lost workdays, and average severity by degree for accident classification and nature of injury	269
21. Occurrences reported to MSHA as occupational illnesses	271
22. Related noncoal mining summary reference tabulation, number of injuries, incidence rates, average number of workers, and employee-hours, by mineral industry and work location	272
23. Related coal mining summary reference tabulation, number of injuries, incidence rates, average number of workers, employee-hours, and production by type of coal mined and work location	273

INJURY EXPERIENCE IN NONMETALLIC MINING, 2012

by

Staff, Information Technology Center
Directorate of Program Evaluation and Information Resources
Denver, Colorado

ABSTRACT

This Mine Safety and Health Administration (MSHA) informational report reviews in detail the occupational injury and illness experience of nonmetallic mineral mining in the United States for 2012. Data reported by operators of mining establishments concerning work injuries are summarized by work location, accident classification, part of body injured, nature of injury, and occupation. Related information on employment, worktime, and operating activity also is presented. Data reported by independent contractors performing certain work at mining locations are depicted separately in this report. For ease of comparison with other metal and nonmetallic mineral mining industries and with coal mining, summary reference tabulations are included at the end of both the operator and the contractor sections of this report.

INTRODUCTION

Data used in compiling this report were reported by operators of nonmetallic mineral mining and the processing plants on a mandatory basis as required under the Federal Mine Safety and Health Act of 1977, Public Law 91-173 as amended by Law 95-164. Since January 1, 1978, operators of mines or processing plants or both which are subject to the Act have been required under 30 CFR, Part 50, to submit reports of injuries, occupational illnesses, and related data.

Only data reported by the operators and contractors themselves are utilized in this report. No estimates are made of employment, employee-hours, or injuries for nonrespondent operations except as necessary to meet statistical processing requirements by providing minimum employment data for reported unmatched injury data.

Beginning with calendar year 1978, statistical measures for injury experience in mining were changed from the measures used from 1930 through 1977. The statistical measures for injury experience adopted by MSHA in 1978 compare closely with the measures used in the Office of Occupational Safety and Health Statistics, Bureau of Labor Statistics, U.S. Department of Labor. Therefore, beginning with the 1978 data, the mining industry can be compared on a standard basis with other United States industries reporting under the Occupational Safety and Health Act of 1970.

Occurrences identified as occupational illnesses by mine operators were reported to MSHA and were processed in accordance with 30 CFR PART 50.20-6. The reported illnesses are summarized in seven categories for each work location and State. Incidence rates and severity measures are not computed for occupational illnesses.

Because of the modifications in reporting and processing procedures that became effective January 1, 1978, injury rates as currently computed are not precisely comparable to those of previous years, except for fatality rates in which the "incidence rate" (the term used after 1977) is one-fifth of the "frequency rate" (the term used prior to 1978) for otherwise similar groupings of fatal injuries and worktimes.

SCOPE OF STATISTICS

The statistical data in this report cover the work experience of all personnel engaged in mine exploration, development, production, maintenance, repair and construction work, including supervisory and technical personnel, working partners, and onsite office workers. The classification of industries is in close general agreement with the Standard Industrial Classification.¹

MSHA issued guidelines which additionally reduced the reporting requirements of independent contractors. Reporting of employment, hours worked, and injury/illness data by independent contractors is limited to the following types of work performed: mine development, including shaft and slope sinking; construction or reconstruction of mine facilities, including building or rebuilding processing plants and mining equipment, and building additions to existing facilities; demolition of mine facilities; construction of dams; excavation or earthmoving activities involving mobile equipment; equipment installation, such as crushers and mills; equipment service or repair done underground or in the pit for a period exceeding five consecutive days at a particular mine; material handling within mine property, including haulage of coal, ore, refuse, etc., unless for the sole purpose of direct removal from or delivery to mine property; drilling and blasting. Also, data collected for employment and hours worked in those activities reflect the contractor's total metallic/nonmetallic work locations and total coal work locations and not the individual mine sites. For more detailed information concerning these changes, see the guidelines accompanying MSHA Policy Memoranda Nos. 82-6A MM and 81-35A C.

DEFINITION OF TERMS

Occupational Injury. An occupational injury is an injury to a mine worker which occurs at a mine and for which medical treatment is administered, or which results in death or loss of consciousness, restriction of work or motion, inability to perform all job duties on any day after an injury, lost workdays, temporary assignment to other duties, transfer to another job, or termination. The injury usually results from a recognizable single incident. For example, an explosion of a battery which splattered a worker with sulfuric acid would be a single incident and

¹Executive Office of the President, Office of Management and Budget. Standard Industrial Classification Manual. 1972 Revision.

the worker would be considered to have suffered an injury. Another example would be an injury where a worker was overcome by hydrogen sulfide gas released from an exploding vessel.

Occupational Illness. An occupational illness is an illness or disease of a mine worker which may have resulted from work at a mine or for which an award of compensation is made. To be classified as an occupational illness, the disability must result from repeated exposure to the condition or substance which caused the disability. A classic illness example is a pneumoconiosis disability which may have been induced by repeated exposure to the causative dusty condition. Dermatitis resulting from repeated exposure to lime dust or other material in the work environment also should be reported as an illness. In cases where the time of onset of illness is in doubt, the day of diagnosis of illness will be considered as the first day of illness.

Number of Operations and Associated Work Locations. Number of operations is the number of individual respondents with a unique Federal identification number that have reported worktime data. The count and kind of operation are based on the lowest numbered (primary) subunit on employment report Form 7000-2 (see figure 2, p. 11) that contains worktime data. An associated work location is a subunit reported with a primary subunit, e.g., an "office" is almost always an associated work location. Independent contractors working on mine property performing the types of work described under "Scope of Statistics" are assigned an identification number, report to MSHA, but are not included in the count of operations. Contractor data are depicted separately in this report.

Worktime. Worktime includes the number of workers and the number of employee-hours worked. "Average number of workers" is a summary of the average number of persons working at individual establishments during calendar quarters of active operations. "Employee-hours" is a summary of employee-hours reported.

Employment Size Group. Reporting operations are classified into size groups according to the average number of workers in specified work locations.

Production Size Group. Reporting operations are classified into production size groups according to the number of short tons of coal produced.

Degree of Injury. Degree of injury indicates the seriousness of injuries. FATAL injuries are those occurrences resulting in death, NFDL (NonFatal with Days Lost) injuries are nonfatal occurrences that result in days away from work, statutory days charged, or days of restricted work activity. NDL (No Days Lost) injuries are occurrences having no lost workdays; that is, nonfatal injury occurrences resulting only in temporary loss of consciousness or medical treatment other than first aid.

A permanent total disability is caused by any work injury or illness other than death that permanently and totally incapacitates a worker from following any gainful occupation, or that results in the loss, or the complete loss of use, of both or any combination of: hands, arms, legs, feet, or eyes.

A permanent partial disability is caused by any work injury or illness other than death or permanent total disability that results in the loss, or the complete loss of use, of any member or part of a member of the body, or any permanent impairment of functions of the body or part thereof, regardless of any pre-existing disability of the injured member or impaired body function.

Incidence Rate. Incidence rate is defined as the number of injuries per 200,000 employee-hours, rounded to two decimal places. The highest rate given is 99.99. If an incidence rate is greater than 99.99, then 99.99 is printed. If no data were reported, then a hyphen is printed. If a computation is less than 0.01 after rounding, then an asterisk inside parentheses (*) is printed. The following is the standard incidence rate formula:

$$\frac{\text{Number of injuries} \times 200,000}{\text{Number of employee-hours}}$$

Lost Workdays (LWD). Lost workdays consist of days away from work (DAW) and days of restricted work activity (DRA), or statutory days charged as prescribed from a table of standard charges (see p. 7), e.g., 6,000 days for a fatality or permanent total disability.

Severity Measure. Severity measure is the number of lost workdays per 200,000 employee-hours, rounded to whole numbers. The highest rate given is 99,999. If the computed rate is greater than 99,999, then 99,999 is printed. If no data were reported, then a hyphen is printed. If the computation results in a zero after rounding, then an asterisk inside parentheses (*) is printed. The following is the standard severity measure formula:

$$\frac{\text{Number of lost workdays} \times 200,000}{\text{Number of employee hours}}$$

Average Severity. Average severity is the average number of lost workdays per injury and is computed only for injuries classified as FATAL or NFDL. Lost workdays are selected on the same basis as that for computing the severity measure. The following is the standard average severity formula:

$$\frac{\text{Number of lost workdays}}{\text{Number of injuries contributing the lost workdays}}$$

Type of Mineral. The type of mineral is determined from the Standard Industrial Classification (S.I.C.) code assigned to an operation based on information provided by the mine operator. Data for all work locations in the operation are credited to the assigned S.I.C.

Classification of Accident. Accident classification identifies circumstances which contributed most directly to the resulting accident. The 21 classifications in the following list are designed to categorize all accidents, whether injury-producing or not.

Electrical. Accidents in which the electric current is most directly responsible for the resulting accident.

Entrapment. Accidents involving entrapment of persons.

Exploding Vessels Under Pressure. Accidents involved with bursting of air hoses, air tanks, hydraulic lines, hydraulic hoses, stand pipes, etc., due to internal pressure.

Explosives and Breaking Agents. Accidents involving the detonation of manufactured explosives; includes Airdox and Cardox.

Falling, Rolling, or Sliding Rock or Material of Any Kind. Accidents caused directly by falling material other than material from the roof or face. Or, if material was set in motion by machinery, by haulage, by hand tools, or while being handled or disturbed, etc., the force that set the material in motion determines the classification. For example, where a rock was pushed over a highwall by a bulldozer and the rock hit another rock which hit and injured a worker – the accident is classified as machinery. Machinery (a bulldozer) most directly caused the resulting accident.

Fall of Face, Rib, Pillar, Side, or Highwall (from in place). Accidents in this classification include falls of material while barring down or placing props, also pressure bumps and bursts. Not included are accidents in which the motion of machinery or haulage equipment caused the fall either directly or by knocking out support.

Fall of Roof, Back, or Brow (from in place). Underground only – Accidents which include falls while barring down or placing props, also pressure bumps and bursts. Not included are accidents in which the motion of machinery or haulage equipment caused the fall either directly or by knocking out support.

Fire. Accidents related to uncontrolled burning of material or mineral in the mine environment. Not included are fires initiated by electricity or by ignition or explosion of gas or dust.

Handling Material. Accidents related to handling packaged or loose material while lifting, pulling, pushing, or shoveling.

Handtools. Accidents related to nonpowered tools.

Nonpowered Haulage. Accidents related to the motion of nonpowered haulage equipment. Included are accidents involving wheelbarrows, manually pushed mine cars, timber trucks, etc.

Powered Haulage. Accidents related to the motion of powered haulage equipment. Included are accidents involving conveyors, front-end loaders, forklifts, shuttle cars, load-haul-dump units, locomotives, railroad cars, haulage trucks, pickups, automobiles, and personnel carriers.

Hoisting. Accidents involving cages, skips, ore buckets, and elevators. The accident results from the action, motion, or failure of the hoisting equipment or mechanism. Included are equipment such as cranes and derricks only when used in shaft sinking; also suspended work platforms in shafts. Not included is equipment such as chain hoists, come-alongs, and winches.

Ignition or Explosion of Gas or Dust. Accidents resulting as a consequence of the ignition or explosion of gas or dust.

Impoundment. Accidents caused by an unstable condition or failure of an impoundment, refuse pile, or culm bank requiring emergency preventative action or evacuation of an area.

Inundation. Accidents caused by inundation of a surface or underground mine by a liquid (or semi-solid) or a gas.

Machinery. Accidents related to the motion of machinery. Included are all electric and air-powered tools and mining machinery such as drills, tuggers, winches, slushers, draglines, power shovels, loaders, and compressors.

Slip or Fall of Person (from an elevation or on the same level). Accidents include slips or falls while getting on or off machinery and haulage equipment which is not moving, and slips or falls while servicing or repairing equipment or machinery.

Stepping or Kneeling on Object. Accidents are classified in this category only where the object stepped or kneeled on contributed most directly to the accident.

Striking or Bumping. This classification is restricted to those accidents in which an individual, while moving about, strikes or bumps an object but is not handling material, using handtools, or operating equipment.

Other. Accidents not elsewhere classified.

Abbreviations. Space limitations in column headings and stub entries of standard-format tabulations require occasional adaptation of terminology. In this report PLNTS should be interpreted as "plants."

Statutory Days Charged. Some injuries or illnesses are of such a degree of severity that a standard time charge of lost workdays has been adopted by MSHA as follows:

<u>Disability</u>	<u>Lost Workdays Charged²</u>
Death.....	6,000
Permanent total disability.....	6,000
Dismemberment or total loss of use	
Arm above elbow.....	4,500
Arm at or below elbow and above wrist.....	3,600
Hand at wrist.....	3,000
Leg above knee.....	4,500
Leg at or below knee and above ankle.....	3,000
Foot at ankle.....	2,400
Loss of sight:	
One eye (whether or not there is a sight in the other eye).....	1,800
Both eyes (in one accident).....	6,000
Complete industrial loss of hearing:	
One ear (whether or not there is hearing in the other ear).....	600
Both ears (in one accident).....	3,000
Unrepaired hernia.....	50

² Not more than 6,000 lost workdays will be charged in a single accident that results in multiple injuries to a mine worker. (See definition of permanent total disability on page 4).

TABLE REFERENCE GUIDE (NONMETALLIC MINERAL OPERATOR DATA)

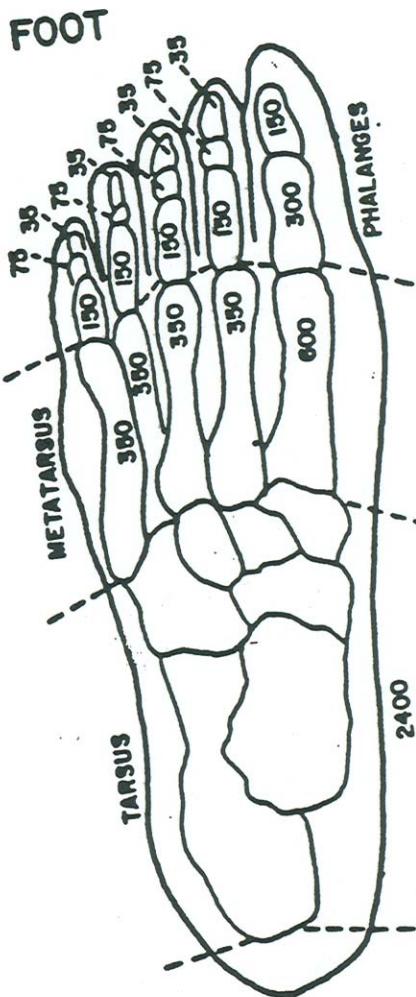
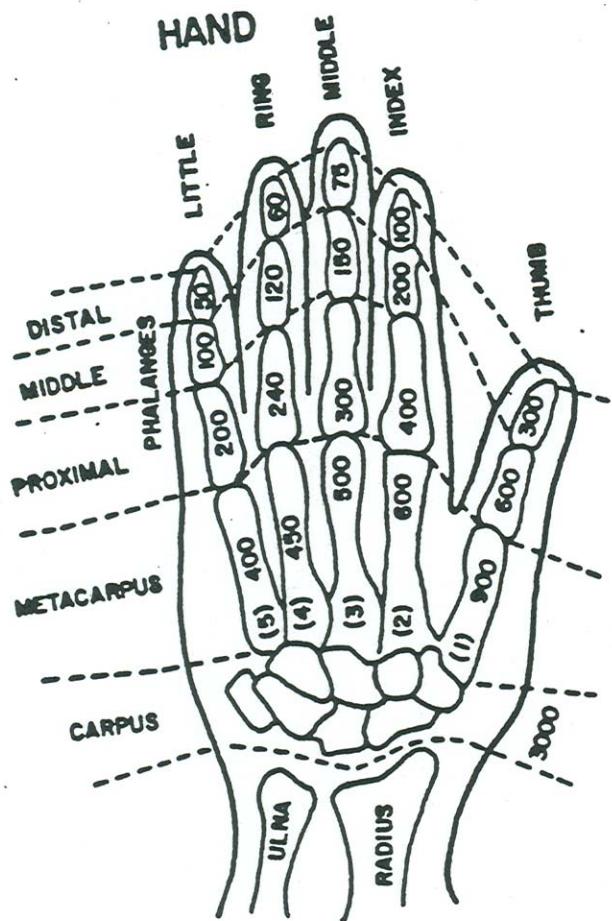
The following reference guide facilitates locating particular data elements contained in the annual statistical tables for operators. A comparable guide precedes the contractor section of this report. The number appearing in each cell indicates the table number in which that particular element may be found. All elements listed under the stub headings appear as vertical headings in the tables. Elements listed under column headings appear as horizontal headings. The only exception to this is in table 1, in which the headings have been reversed.

To use this guide, read down or across the elements listed in both the stub and column headings to determine which combinations are of interest. For example, incidence rates by work location appear in seven different tables, numbers 2, 4, 6, 8, 10, 22, and 23. However, only one, table 10, provides a further division by nature of injury as well. The occupation of the injured is found in table 17 and, as seen in the column headings, provides the number of injuries, lost workdays, and average severity.

REFERENCE GUIDE TO OPERATOR NONMETALLIC MINERAL STATISTICAL TABLES

STUB READINGS			COLUMN READINGS												
			Number of injuries	Incidence rates	Severity measures	Lost workdays	Average severity	Average number of workers	Employee-hours worked	Number of operations	Associated work locations	Average hours per employee per year	Accident classification	Number of occupational illnesses	Coal production (short tons) ¹
Prior year data with and without office	1/		1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
			2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
			3		3	3									
			4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4
			5		5	5									
			6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6
			7		7	7									
			8 8	8 8	8 8	8 8									
			9		9	9									
			1 0 1 0	1 0 1 0	1 0 1 0	1 0 1 0									
Work Location			1 1		1 1	1 1									
			1 3				1 4								1 4
			1 5												1 5
						1 6									1 6
			1 7		1 7	1 7									
			1 8		1 8	1 8									
															2 1
			2 2	2 2				2 2	2 2						
			2 3	2 3				2 3	2 3						2 3
Employment size group			4 4	4 4	4 4	4 4		4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4
			5		5	5									
Kind of mineral			6 6	6 6	6 6	6 6		6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6
			7		7	7									
			1 5				1 6								1 5
															1 6
State			6 6	6 6	6 6	6 6		6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6
			7		7	7									
			1 3				1 4								1 3
															1 4
															2 1
Part of body injured			8 8	8 8	8 8	8 8									
			9		9	9									
			1 2		1 2	1 2									
			1 9		1 9	1 9									
Nature of injury			1 0 1 0	1 0 1 0	1 0 1 0	1 0 1 0									
			1 1		1 1	1 1									
			1 2		1 2	1 2									
Occupation at time of injury			2 0		2 0	2 0									
			1 7		1 7	1 7									
Accident Classification			1 8		1 8	1 8									
			1 9		1 9	1 9									
			2 0		2 0	2 0									
Mineral industry			2 2	2 2				2 2	2 2						
Type of Coal			2 3	2 3				2 3	2 3						2 3

1/ For table 1 only, the headings have been reversed to simplify this guide; that is, the data elements indicated in the column headings for this table actually appear as vertical headings.



Note:

Numbers shown on diagrams are statutory charges of lost workdays for loss of all or part of bone.

Proportional charges may be computed based on medical determination of percentage loss of use.

FIGURE 1. Scheduled charges in lost workdays for loss or loss of use involving hand or foot.

Quarterly Mine Employment
and Coal Production Report

(SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 2)

DOL - MSHA - PEIR - OIEI
P.O. Box 25367
Denver, Colorado 80225 - 0367

Date Report Completed

Mo. Day Yr.

1. Persons Working, Employee-Hours, and Coal Production

(1) Operation Sub Unit Code(s) previously reported:	Code	(2) Average number of persons working during quarter	(3) Total employee hours worked during the quarter	(4) Production of clean coal during quarter, (short tons)
Underground Mine	Underground	01		
	Surface Shops, Yards, etc.	02		
Surface Mine	Strip, Open Pit, or Quarry	03		
(including associated shops and yards)	Auger (Coal Mine Only)	04		
	Culm Bank or Refuse Pile (Coal Mine Only)	05		
	Dredge	06		
	Other Surface Mining (Metal/Nonmetal Only)	12		
Independent Shops or Yards	17			
Mill Operations, Preparation Plants, or Breakers (include associated shops and yards)	30			
Office (professional and clerical employees at the mine or plant working in an office)	99			

2. Other Reportable Data

How many MSHA reportable injuries or illnesses did you have this quarter?

Person to be contacted regarding this report:	Name	Tel. No. () -
		area code
	Title	

For Quarter Year

Mail Before

Check here if this report is being submitted by a contractor

If any information below is incorrect, please enter correct information here:

County:

Operation Name:

Operating Company Name and Mailing Address:

County

MSHA ID Number Contractor ID

Operation Name

Operating Company Name and Mailing Address

Copy 1 - Return to MSHA (Denver)

TABLE 1. - GENERAL STATISTICS ON INJURY EXPERIENCE AND WORKTIME, AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
NUMBER OF INJURIES:										
FATAL-----	2	1	-	-	2	2	1	-	-	2
NFDL-----	507	387	334	318	304	512	388	336	320	305
TOTAL LWD INJURIES-----	509	388	334	318	306	514	389	336	320	307
NDL-----	215	162	171	163	150	215	165	172	168	151
TOTAL INJURIES-----	724	550	505	481	456	729	554	508	488	458
INCIDENCE RATES:										
FATAL-----	.01	.01	-	-	.01	.01	(*)	-	-	.01
NFDL-----	2.54	2.23	1.89	1.74	1.65	2.20	1.90	1.62	1.49	1.41
ALL LWD INJURIES-----	2.55	2.24	1.89	1.74	1.66	2.21	1.91	1.62	1.49	1.42
NDL-----	1.08	.93	.97	.89	.82	.92	.81	.83	.78	.70
ALL INJURIES-----	3.62	3.17	2.85	2.64	2.48	3.13	2.71	2.44	2.28	2.12
SEVERITY MEASURES:										
FATAL-----	60	35	-	-	65	52	29	-	-	56
NFDL-----	119	129	102	104	102	104	110	88	90	87
ALL LWD INJURIES-----	179	164	102	104	167	155	139	88	90	142
AVERAGE SEVERITY:										
PERMANENT PARTIAL-----	71	561	112	602	353	71	561	112	602	353
TEMPORARY NFDL-----	46	49	53	49	59	47	49	53	50	59
ALL LWD INJURIES-----	70	73	54	60	100	70	73	54	60	100
AVERAGE NUMBER OF EMPLOYEES-----	19,486	17,647	17,305	17,787	18,139	23,033	21,030	20,638	21,134	21,586
EMPLOYEE-HOURS WORKED-----	39,956,879	34,689,762	35,422,480	36,467,684	36,805,853	46,519,224	40,820,138	41,607,208	42,837,622	43,228,808
AVERAGE HOURS PER EMPLOYEE PER YEAR-----	2,051	1,966	2,047	2,050	2,029	2,020	1,941	2,016	2,027	2,003
OPERATIONS REPORTED:										
NUMBER OF OPERATIONS-----	699	663	628	608	615	720	685	654	637	641
ASSOCIATED WORK LOCATIONS-----	191	190	184	189	183	708	685	664	652	649

TABLE 2. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT	TOTAL	PARTIAL																		
UNDERGROUND MINES:																						
UNDERGROUND-----	1	-	1		64	65	66	26	16	92	.04	2.47	2.51	.99	3.50	228	148	376	2,610			
SURFACE AT UNDERGROUND-----	-	-	-		24	24	24	16	16	40	-	5.66	5.66	3.78	9.44	-	324	324	450			
TOTAL OR AVERAGE-----	1	-	1		88	89	90	42	132		.03	2.91	2.95	1.37	4.32	196	172	369	3,060			
SURFACE MINES:																						
OPEN PIT-----	1	-	-		63	63	64	25	89		.03	1.60	1.62	.63	2.26	152	82	234	4,093			
DREDGE-----	-	-	-		3	3	3	1	4		-	2.72	2.72	.91	3.62	-	143	143	105			
OTHER SURFACE-----	-	-	-		-	-	-	-	-		-	-	-	-	-	-	-	41				
TOTAL OR AVERAGE-----	1	-	-		66	66	67	26	93		.02	1.61	1.64	.63	2.27	146	83	230	4,239			
TOTAL OR AVERAGE, MINING-----	2	-	1		154	155	157	68	225		.03	2.17	2.19	.95	3.15	168	121	289	7,299			
INDEPENDENT SHOPS-----	-	-	-		-	-	-	-	-		-	-	-	-	-	-	-	-				
PROCESSING PLANTS-----	-	-	2		147	149	149	82	231		-	1.32	1.32	.73	2.05	-	89	89	10,840			
TOTAL OR AVERAGE, ALL MINES AND PLANTS-----	2	-	3		301	304	306	150	456		.01	1.65	1.66	.82	2.48	65	102	167	18,139			
OFFICE-----	-	-	-		1	1	1	1	2		-	.03	.03	.03	.06	-	(*)	(*)	3,447			
TOTAL OR AVERAGE-----	-	-	-		-	-	-	-	-		-	-	-	-	-	-	-	6,422,955				
GRAND TOTAL OR AVERAGE-----	2	-	3		302	305	307	151	458		.01	1.41	1.42	.70	2.12	56	87	142	21,586			
																		43,228,808				
																		641				
																		649				

TABLE 3. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION	NUMBER OF INJURIES								LOST WORKDAYS								AVERAGE SEVERITY								
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMA-NENT PARTIAL	TEMPO-RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO-RARY	TOTAL NFDL					PERMANENT		TEMPO-RARY	TOTAL NFDL												
		TOTAL	PARTIAL							TOTAL	PARTIAL														
UNDERGROUND MINES:																									
UNDERGROUND-----	1	-	1	64	65	66	26	92	6,000	-	135	3,751	3,886	9,886	135	59	150								
SURFACE AT UNDERGROUND-----	-	-	-	24	24	24	16	40	-	-	-	1,374	1,374	1,374	-	57	57								
TOTAL OR AVERAGE-----	1	-	1	88	89	90	42	132	6,000	-	135	5,125	5,260	11,260	135	58	125								
SURFACE MINES:																									
OPEN PIT-----	1	-	-	63	63	64	25	89	6,000	-	-	3,246	3,246	9,246	-	52	144								
DREDGE-----	-	-	-	3	3	3	1	4	-	-	-	158	158	158	-	53	53								
OTHER SURFACE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	1	-	-	66	66	67	26	93	6,000	-	-	3,404	3,404	9,404	-	52	140								
TOTAL OR AVERAGE, MINING-----	2	-	1	154	155	157	68	225	12,000	-	135	8,529	8,664	20,664	135	55	132								
INDEPENDENT SHOPS:																									
TOTAL OR AVERAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
PROCESSING PLANTS:																									
TOTAL OR AVERAGE-----	-	-	2	147	149	149	82	231	-	-	925	9,141	10,066	10,066	462	62	68								
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																									
TOTAL OR AVERAGE-----	2	-	3	301	304	306	150	456	12,000	-	1,060	17,670	18,730	30,730	353	59	100								
OFFICE:																									
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1								
GRAND TOTAL OR AVERAGE:																									
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	12,000	-	1,060	17,671	18,731	30,731	353	59	100								

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION												
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL																
		PERMANENT		TEMPO- RARY	TOTAL NFDL																											
		TOTAL	PARTIAL																													
UNDERGROUND MINES (INCLUDES SURFACE AT UNDERGROUND):																																
1 - 4-----	1	-	-	1	1	2	-	2	13.00	13.00	26.01	-	26.01	78,023	13	78,036	19	15,380	7	3												
5 - 9-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	30,515	3	2												
10 - 19-----	-	-	-	5	5	5	5	10	-	5.97	5.97	5.97	11.94	-	278	278	82	167,456	6	4												
20 - 34-----	-	-	-	7	7	7	5	12	-	3.81	3.81	2.72	6.53	-	196	196	176	367,690	7	4												
35 - 49-----	-	-	-	1	1	1	1	2	-	1.10	1.10	1.10	2.20	-	118	118	79	181,862	2	2												
50 - 99-----	-	-	-	18	18	18	2	20	-	10.03	10.03	1.11	11.15	-	453	453	176	358,779	2	2												
100 - 149-----	-	-	-	19	20	20	5	25	-	4.36	4.36	1.09	5.46	-	331	331	474	916,416	4	4												
150 - 249-----	-	-	-	29	29	29	18	47	-	1.74	1.74	1.08	2.82	-	98	98	1,659	3,337,653	9	9												
250 OR MORE-----	-	-	-	8	8	8	6	14	-	2.18	2.18	1.63	3.81	-	162	162	377	735,177	1	1												
TOTAL OR AVERAGE-----	1	-	1	88	89	90	42	132	.03	2.91	2.95	1.37	4.32	196	172	369	3,060	6,110,928	41	31												
SURFACE MINES:																																
OPEN PIT:																																
1 - 4-----	-	-	-	9	9	9	6	15	-	2.72	2.72	1.82	4.54	-	87	87	574	660,677	254	-												
5 - 9-----	-	-	-	9	9	9	8	17	-	1.76	1.76	1.56	3.33	-	57	57	573	1,022,383	88	-												
10 - 19-----	1	-	-	13	13	14	5	19	.14	1.84	1.98	.71	2.69	850	104	955	704	1,410,950	52	-												
20 - 34-----	-	-	-	3	3	3	1	4	-	1.03	1.03	.34	1.38	-	8	8	305	581,687	12	-												
35 - 49-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	128,152	2	-												
50 - 99-----	-	-	-	11	11	11	2	13	-	2.10	2.10	.38	2.48	-	152	152	480	1,047,826	7	-												
100 - 149-----	-	-	-	8	8	8	-	8	-	3.22	3.22	-	3.22	-	155	155	219	496,374	2	-												
150 - 249-----	-	-	-	3	3	3	-	3	-	.48	.48	-	.48	-	21	21	551	1,258,953	3	-												
250 OR MORE-----	-	-	-	7	7	7	3	10	-	1.09	1.09	.47	1.56	-	93	93	611	1,284,058	2	-												
TOTAL OR AVERAGE-----	1	-	-	63	63	64	25	89	.03	1.60	1.62	.63	2.26	152	82	234	4,093	7,891,060	422	-												
DREDGE:																																
1 - 4-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	200	1	-												
5 - 9-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	7	13,647	1	-												
50 - 99-----	-	-	-	3	3	3	-	3	-	2.90	2.90	14.66	14.66	-	153	153	96	206,949	1	-												
TOTAL OR AVERAGE-----	-	-	-	3	3	3	1	4	-	2.72	2.72	.91	3.62	-	143	143	105	220,796	3	-												
OTHER SURFACE:																																
10 - 19-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	37,526	1	-												
20 - 34-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	45,120	1	-												
TOTAL OR AVERAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	82,646	2	-												

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION												
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL																
		PERMANENT		TEMPO- RARY																											
		TOTAL	PARTIAL																												
TOTAL OR AVERAGE, SURFACE:																															
1 - 4-----	-	-	-	9	9	9	15	-	2.72	2.72	1.82	4.54	-	87	87	576	660,877	255	-												
5 - 9-----	-	-	-	9	9	9	18	-	1.74	1.74	1.74	3.47	-	56	56	580	1,036,030	89	-												
10 - 19-----	1	-	-	13	13	14	19	.14	1.79	1.93	.69	2.62	828	101	930	721	1,448,476	53	-												
20 - 34-----	-	-	-	3	3	3	1	4	.96	.96	.32	1.28	-	8	8	329	626,807	13	-												
35 - 49-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	128,152	2	-												
50 - 99-----	-	-	-	14	14	14	2	16	-	2.23	2.23	.32	2.55	-	152	152	576	1,254,775	8	-											
100 - 149-----	-	-	-	8	8	8	-	8	-	3.22	3.22	-	3.22	-	155	155	219	496,374	2	-											
150 - 249-----	-	-	-	3	3	3	-	3	-	.48	.48	-	.48	-	21	21	551	1,258,953	3	-											
250 OR MORE-----	-	-	-	7	7	7	3	10	-	1.09	1.09	.47	1.56	-	93	93	611	1,284,058	2	-											
TOTAL OR AVERAGE-----	1	-	-	66	66	67	26	93	.02	1.61	1.64	.63	2.27	146	83	230	4,239	8,194,502	427	-											
TOTAL OR AVERAGE, MINING:																															
1 - 4-----	1	-	-	10	10	11	6	17	.30	2.96	3.25	1.77	5.03	1,774	85	1,860	595	676,257	262	3											
5 - 9-----	-	-	-	9	9	9	9	18	-	1.69	1.69	1.69	3.38	-	55	55	598	1,066,545	92	2											
10 - 19-----	1	-	-	18	18	19	10	29	.12	2.23	2.35	1.24	3.59	743	120	862	803	1,615,932	59	4											
20 - 34-----	-	-	-	10	10	10	6	16	-	2.01	2.01	1.21	3.22	-	77	77	505	994,497	20	4											
35 - 49-----	-	-	-	1	1	1	1	2	-	.65	.65	.65	1.29	-	69	69	155	310,014	4	2											
50 - 99-----	-	-	-	32	32	32	4	36	-	3.97	3.97	.50	4.46	-	219	219	752	1,613,554	10	2											
100 - 149-----	-	-	1	27	28	28	5	33	-	3.96	3.96	.71	4.67	-	269	269	693	1,412,790	6	4											
150 - 249-----	-	-	-	32	32	32	18	50	-	1.39	1.39	.78	2.18	-	77	77	2,210	4,596,606	12	9											
250 OR MORE-----	-	-	-	15	15	15	9	24	-	1.49	1.49	.89	2.38	-	118	118	988	2,019,235	3	1											
TOTAL OR AVERAGE-----	2	-	1	154	155	157	68	225	.03	2.17	2.19	.95	3.15	168	121	289	7,299	14,305,430	468	31											
PROCESSING PLANTS:																															
1 - 4-----	-	-	-	3	3	3	-	3	-	4.35	4.35	-	4.35	-	410	410	95	137,925	21	25											
5 - 9-----	-	-	-	5	5	5	2	7	-	1.80	1.80	.72	2.52	-	159	159	279	554,649	23	18											
10 - 19-----	-	-	-	12	12	12	10	22	-	1.21	1.21	1.01	2.22	-	45	45	941	1,979,395	32	34											
20 - 34-----	-	-	-	24	24	24	10	34	-	1.56	1.56	.65	2.22	-	51	51	1,490	3,068,094	21	35											
35 - 49-----	-	-	1	29	30	30	10	40	-	2.74	2.74	.91	3.65	-	216	216	1,079	2,193,630	15	11											
50 - 99-----	-	-	1	40	41	41	23	64	-	1.38	1.38	.77	2.16	-	105	105	2,860	5,938,455	26	17											
100 - 149-----	-	-	-	10	10	10	8	19	-	1.07	1.07	.86	1.93	-	115	115	852	1,861,309	5	2											
150 - 249-----	-	-	-	21	21	21	14	35	-	.87	.87	.58	1.45	-	60	60	2,297	4,814,375	4	8											
250 OR MORE-----	-	-	-	3	3	3	5	8	-	.31	.31	.51	.82	-	13	13	947	1,952,591	-	2											
TOTAL OR AVERAGE-----	-	-	2	147	149	149	82	231	-	1.32	1.32	.73	2.05	-	89	89	10,840	22,500,423	147	152											

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION												
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL																
		PERMANENT		TEMPO- RARY	TOTAL NFDL																											
		TOTAL	PARTIAL																													
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																																
1 - 4-----	1	-	-	13	13	14	6	20	.25	3.19	3.44	1.47	4.91	1,474	141	1,614	690	814,182	283	28												
5 - 9-----	-	-	-	14	14	14	11	25	-	1.73	1.73	1.36	3.08	-	90	877	1,621,194	115	20													
10 - 19-----	1	-	-	30	30	31	20	51	.06	1.67	1.72	1.11	2.84	334	79	412	1,744	3,595,327	91	38												
20 - 34-----	-	-	-	34	34	34	16	50	-	1.67	1.67	.79	2.46	-	58	58	1,995	4,062,591	41	39												
35 - 49-----	-	-	-	30	31	31	11	42	-	2.48	2.48	.88	3.36	-	198	198	1,234	2,503,644	19	13												
50 - 99-----	-	-	-	72	73	73	27	100	-	1.93	1.93	.72	2.65	-	129	129	3,612	7,552,009	36	19												
100 - 149-----	-	-	-	37	38	38	13	51	-	2.32	2.32	.79	3.12	-	181	181	1,545	3,274,099	11	6												
150 - 249-----	-	-	-	53	53	53	32	85	-	1.13	1.13	.68	1.81	-	68	68	4,507	9,410,981	16	17												
250 OR MORE-----	-	-	-	18	18	18	14	32	-	.91	.91	.70	1.61	-	66	66	1,935	3,971,826	3	3												
TOTAL OR AVERAGE-----	2	-	3	301	304	306	150	456	.01	1.65	1.66	.82	2.48	65	102	167	18,139	36,805,853	615	183												
OFFICE:																																
1 - 4-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	590	756,333	25	317												
5 - 9-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	473	882,159	1	72												
10 - 19-----	-	-	-	1	1	1	-	1	-	.18	.18	-	.18	-	(*)	(*)	570	1,097,901	-	41												
20 - 34-----	-	-	-	-	-	-	1	1	-	-	-	.26	.26	-	-	-	366	772,918	-	15												
35 - 49-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	490	985,164	-	11												
50 - 99-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	473	957,409	-	7												
100 - 149-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138	299,277	-	1												
150 - 249-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	347	671,794	-	2												
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	.03	.03	.03	.06	-	(*)	(*)	3,447	6,422,955	26	466												
GRAND TOTAL OR AVERAGE:																																
1 - 4-----	1	-	-	13	13	14	6	20	.13	1.66	1.78	.76	2.55	764	73	837	1,280	1,570,515	308	345												
5 - 9-----	-	-	-	14	14	14	11	25	-	1.12	1.12	.88	2.00	-	58	58	1,350	2,503,353	116	92												
10 - 19-----	1	-	-	31	31	32	20	52	.04	1.32	1.36	.85	2.22	256	60	316	2,314	4,693,228	91	79												
20 - 34-----	-	-	-	34	34	34	17	51	-	1.41	1.41	.70	2.11	-	48	48	2,361	4,835,509	41	54												
35 - 49-----	-	-	-	1	30	31	11	42	-	1.78	1.78	.63	2.41	-	142	142	1,724	3,488,808	19	24												
50 - 99-----	-	-	-	72	73	73	27	100	-	1.72	1.72	.63	2.35	-	115	115	4,085	8,509,418	36	26												
100 - 149-----	-	-	-	1	37	38	13	51	-	2.13	2.13	.73	2.85	-	166	166	1,683	3,573,376	11	7												
150 - 249-----	-	-	-	53	53	53	32	85	-	1.05	1.05	.63	1.69	-	63	63	4,854	10,082,775	16	19												
250 OR MORE-----	-	-	-	18	18	18	14	32	-	.91	.91	.70	1.61	-	66	66	1,935	3,971,826	3	3												
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	.01	1.41	1.42	.70	2.12	56	87	142	21,586	43,228,808	641	649												

TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
UNDERGROUND MINES (INCLUDES SURFACE AT UNDERGROUND):																							
1 - 4-----	1	-	-	1	1	2	-	2	6,000	-	-	1	1	6,001	-	1	3,000						
5 - 9-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
10 - 19-----	-	-	-	5	5	5	5	10	-	-	233	233	233	-	47	47							
20 - 34-----	-	-	-	7	7	7	5	12	-	-	360	360	360	-	51	51							
35 - 49-----	-	-	-	1	1	1	1	2	-	-	107	107	107	-	107	107							
50 - 99-----	-	-	-	18	18	18	2	20	-	-	812	812	812	-	45	45							
100 - 149-----	-	-	-	19	19	20	5	25	-	-	1,383	1,383	1,383	-	73	73							
150 - 249-----	-	-	-	29	29	29	18	47	-	-	1,632	1,632	1,632	-	56	56							
250 OR MORE-----	-	-	-	8	8	8	6	14	-	-	597	597	597	-	75	75							
TOTAL OR AVERAGE-----	1	-	1	88	89	90	42	132	6,000	-	135	5,125	5,260	11,260	135	58	125						
SURFACE MINES:																							
OPEN PIT:																							
1 - 4-----	-	-	-	9	9	9	6	15	-	-	288	288	288	-	32	32							
5 - 9-----	-	-	-	9	9	9	8	17	-	-	292	292	292	-	32	32							
10 - 19-----	1	-	-	13	13	14	5	19	6,000	-	-	735	735	6,735	-	57	481						
20 - 34-----	-	-	-	3	3	3	1	4	-	-	24	24	24	-	8	8							
35 - 49-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
50 - 99-----	-	-	-	11	11	11	2	13	-	-	794	794	794	-	72	72							
100 - 149-----	-	-	-	8	8	8	-	8	-	-	385	385	385	-	48	48							
150 - 249-----	-	-	-	3	3	3	-	3	-	-	132	132	132	-	44	44							
250 OR MORE-----	-	-	-	7	7	7	3	10	-	-	596	596	596	-	85	85							
TOTAL OR AVERAGE-----	1	-	-	63	63	64	25	89	6,000	-	-	3,246	3,246	9,246	-	52	144						
DREDGE:																							
1 - 4-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
5 - 9-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
50 - 99-----	-	-	-	3	3	3	-	3	-	-	158	158	158	-	53	53							
TOTAL OR AVERAGE-----	-	-	-	3	3	3	1	4	-	-	158	158	158	-	53	53							
OTHER SURFACE:																							
10 - 19-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
20 - 34-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						

TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, SURFACE:																							
1 - 4-----	-	-	-	9	9	9	15	-	-	-	288	288	288	-	32	32							
5 - 9-----	-	-	-	9	9	9	18	-	-	-	292	292	292	-	32	32							
10 - 19-----	1	-	-	13	13	14	19	6,000	-	-	735	735	6,735	-	57	481							
20 - 34-----	-	-	-	3	3	3	4	-	-	-	24	24	24	-	8	8							
35 - 49-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
50 - 99-----	-	-	-	14	14	14	2	-	-	-	952	952	952	-	68	68							
100 - 149-----	-	-	-	8	8	8	8	-	-	-	385	385	385	-	48	48							
150 - 249-----	-	-	-	3	3	3	3	-	-	-	132	132	132	-	44	44							
250 OR MORE-----	-	-	-	7	7	7	10	-	-	-	596	596	596	-	85	85							
TOTAL OR AVERAGE-----	1	-	-	66	66	67	93	6,000	-	-	3,404	3,404	9,404	-	52	140							
TOTAL OR AVERAGE, MINING:																							
1 - 4-----	1	-	-	10	10	11	6	17	6,000	-	-	289	289	6,289	-	29	572						
5 - 9-----	-	-	-	9	9	9	18	-	-	-	292	292	292	-	32	32							
10 - 19-----	1	-	-	18	18	19	10	29	6,000	-	-	968	968	6,968	-	54	367						
20 - 34-----	-	-	-	10	10	10	6	16	-	-	384	384	384	-	38	38							
35 - 49-----	-	-	-	1	1	1	1	2	-	-	107	107	107	-	107	107							
50 - 99-----	-	-	-	32	32	32	4	36	-	-	1,764	1,764	1,764	-	55	55							
100 - 149-----	-	-	1	27	28	28	5	33	-	-	135	1,768	1,903	1,903	135	68							
150 - 249-----	-	-	-	32	32	32	18	50	-	-	-	1,764	1,764	1,764	-	55	55						
250 OR MORE-----	-	-	-	15	15	15	9	24	-	-	-	1,193	1,193	1,193	-	80	80						
TOTAL OR AVERAGE-----	2	-	1	154	155	157	68	225	12,000	-	135	8,529	8,664	20,664	135	55	132						
PROCESSING PLANTS:																							
1 - 4-----	-	-	-	3	3	3	-	3	-	-	283	283	283	-	94	94							
5 - 9-----	-	-	-	5	5	5	2	7	-	-	440	440	440	-	88	88							
10 - 19-----	-	-	-	12	12	12	10	22	-	-	445	445	445	-	37	37							
20 - 34-----	-	-	-	24	24	24	10	34	-	-	784	784	784	-	33	33							
35 - 49-----	-	-	1	29	30	30	10	40	-	-	875	1,492	2,367	2,367	875	79							
50 - 99-----	-	-	1	40	41	41	23	64	-	-	50	3,072	3,122	3,122	50	77							
100 - 149-----	-	-	-	10	10	10	8	19	-	-	1,067	1,067	1,067	-	107	107							
150 - 249-----	-	-	-	21	21	21	14	35	-	-	1,434	1,434	1,434	-	68	68							
250 OR MORE-----	-	-	-	3	3	3	5	8	-	-	-	124	124	124	-	41	41						
TOTAL OR AVERAGE-----	-	-	2	147	149	149	82	231	-	-	925	9,141	10,066	10,066	462	62	68						

TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
1 - 4-----	1	-	-	13	13	14	6	20	6,000	-	-	572	572	6,572	-	44	469						
5 - 9-----	-	-	-	14	14	14	11	25	-	-	-	732	732	732	-	52	52						
10 - 19-----	1	-	-	30	30	31	20	51	6,000	-	-	1,413	1,413	7,413	-	47	239						
20 - 34-----	-	-	-	34	34	34	16	50	-	-	-	1,168	1,168	1,168	-	34	34						
35 - 49-----	-	-	-	30	31	31	11	42	-	-	-	875	1,599	2,474	2,474	875	80						
50 - 99-----	-	-	-	72	73	73	27	100	-	-	-	50	4,836	4,886	4,886	50	67						
100 - 149-----	-	-	-	37	38	38	13	51	-	-	-	135	2,835	2,970	2,970	135	77						
150 - 249-----	-	-	-	53	53	53	32	85	-	-	-	-	3,198	3,198	3,198	-	60						
250 OR MORE-----	-	-	-	18	18	18	14	32	-	-	-	-	1,317	1,317	1,317	-	73						
TOTAL OR AVERAGE-----	2	-	3	301	304	306	150	456	12,000	-	1,060	17,670	18,730	30,730	353	59	100						
OFFICE:																							
1 - 4-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
5 - 9-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
10 - 19-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1						
20 - 34-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
35 - 49-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
50 - 99-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
100 - 149-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
150 - 249-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1						
GRAND TOTAL OR AVERAGE:																							
1 - 4-----	1	-	-	13	13	14	6	20	6,000	-	-	572	572	6,572	-	44	469						
5 - 9-----	-	-	-	14	14	14	11	25	-	-	-	732	732	732	-	52	52						
10 - 19-----	1	-	-	31	31	32	20	52	6,000	-	-	1,414	1,414	7,414	-	46	232						
20 - 34-----	-	-	-	34	34	34	17	51	-	-	-	1,168	1,168	1,168	-	34	34						
35 - 49-----	-	-	-	30	31	31	11	42	-	-	-	875	1,599	2,474	2,474	875	80						
50 - 99-----	-	-	-	72	73	73	27	100	-	-	-	50	4,836	4,886	4,886	50	67						
100 - 149-----	-	-	-	37	38	38	13	51	-	-	-	135	2,835	2,970	2,970	135	77						
150 - 249-----	-	-	-	53	53	53	32	85	-	-	-	-	3,198	3,198	3,198	-	60						
250 OR MORE-----	-	-	-	18	18	18	14	32	-	-	-	-	1,317	1,317	1,317	-	73						
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	12,000	-	1,060	17,671	18,731	30,731	353	59	100						

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES	FATAL			NFDL	ALL FATAL AND NFDL		
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL		ALL FATAL AND NFDL			
		TOTAL	PARTIAL																			
APLITE:																						
SURFACE MINES:																						
OPEN PIT:																						
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,469	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,469	1	-
TOTAL OR AVERAGE, SURFACE:																						
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,469	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,469	1	-
TOTAL OR AVERAGE, MINING:																						
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,469	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,469	1	-
PROCESSING PLANTS:																						
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	32,171	-	1
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	32,171	-	1
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																						
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	41,640	1	1
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	41,640	1	1
OFFICE:																						
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	8,011	-	1
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	8,011	-	1
GRAND TOTAL OR AVERAGE:																						
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	49,651	1	2
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	49,651	1	2
BARI TE:																						
SURFACE MINES:																						
OPEN PIT:																						
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12,420	1	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	71,143	4	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	83,563	5	-

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL						
	TOTAL	PARTIAL	TOTAL	TOTAL																			
BARITE-CONTINUED:																							
TOTAL OR AVERAGE, SURFACE:																							
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12,420	1	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	71,143	4	-		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	83,563	5	-		
TOTAL OR AVERAGE, MINING:																							
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12,420	1	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	71,143	4	-		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	83,563	5	-		
PROCESSING PLANTS:																							
GEORGIA-----	-	-	-	1	1	1	-	1	-	4.73	4.73	-	4.73	-	33	33	19	42,319	-	1	-		
LOUISIANA-----	-	-	-	1	1	1	-	2	.88	.88	1.77	-	2.65	-	18	18	94	226,071	6	-	-		
NEVADA-----	-	-	-	6	6	6	-	6	3.78	3.78	-	3.78	-	108	108	140	317,317	4	3	-			
TENNESSEE-----	-	-	-	-	-	-	-	1	-	-	-	5.00	5.00	-	-	-	-	16	39,996	1	-	-	
TEXAS-----	-	-	-	4	4	4	-	2	2.21	2.21	1.11	3.32	-	102	102	182	361,815	7	-	-			
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	22,235	1	-	-		
TOTAL OR AVERAGE----	-	-	-	12	12	12	5	17	-	2.38	2.38	.99	3.37	-	76	76	462	1,009,753	19	4	-		
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
GEORGIA-----	-	-	-	1	1	1	-	1	-	3.65	3.65	-	3.65	-	26	26	24	54,739	1	1	-		
LOUISIANA-----	-	-	-	1	1	1	-	2	.88	.88	1.77	-	2.65	-	18	18	94	226,071	6	-	-		
NEVADA-----	-	-	-	6	6	6	-	6	3.09	3.09	-	3.09	-	88	88	181	388,460	8	3	-			
TENNESSEE-----	-	-	-	-	-	-	-	1	-	-	-	5.00	5.00	-	-	-	-	16	39,996	1	-	-	
TEXAS-----	-	-	-	4	4	4	-	2	2.21	2.21	1.11	3.32	-	102	102	182	361,815	7	-	-			
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	22,235	1	-	-		
TOTAL OR AVERAGE----	-	-	-	12	12	12	5	17	-	2.20	2.20	.91	3.11	-	70	70	508	1,093,316	24	4	-		
OFFICE:																							
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	15,108	-	1	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	33,826	-	6	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	68,404	-	8	-		
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,064	-	1	-		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	53,714	-	7	-		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,485	-	1	-		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	101	179,601	-	24	-		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		TOTAL	PARTIAL																	
BARITE-CONTINUED:																				
GRAND TOTAL OR AVERAGE:																				
GEORGIA-----	-	-	-	1	1	1	-	2.86	2.86	-	2.86	-	20	20	32	69,847	1	2		
LOUISIANA-----	-	-	-	1	1	1	2	.77	.77	1.54	2.31	-	15	15	114	259,897	6	6		
NEVADA-----	-	-	-	6	6	6	-	2.63	2.63	-	2.63	-	75	75	220	456,864	8	11		
TENNESSEE-----	-	-	-	6	6	6	-	4.44	4.44	-	4.44	-	-	-	19	45,060	1	1		
TEXAS-----	-	-	-	4	4	4	2	1.93	1.93	.96	2.89	-	89	89	211	415,529	7	7		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	25,720	1	1		
TOTAL OR AVERAGE----	-	-	-	12	12	12	5	1.89	1.89	.79	2.67	-	60	60	609	1,272,917	24	28		
BORON:																				
SURFACE MINES:																				
OPEN PIT:																				
CALIFORNIA-----	-	-	-	1	1	1	1	.37	.37	.37	.74	-	14	14	282	542,108	1	-		
TOTAL OR AVERAGE----	-	-	-	1	1	1	1	.37	.37	.37	.74	-	14	14	282	542,108	1	-		
TOTAL OR AVERAGE, SURFACE:																				
CALIFORNIA-----	-	-	-	1	1	1	1	.37	.37	.37	.74	-	14	14	282	542,108	1	-		
TOTAL OR AVERAGE----	-	-	-	1	1	1	1	.37	.37	.37	.74	-	14	14	282	542,108	1	-		
TOTAL OR AVERAGE, MINING:																				
CALIFORNIA-----	-	-	-	1	1	1	1	.37	.37	.37	.74	-	14	14	282	542,108	1	-		
TOTAL OR AVERAGE----	-	-	-	1	1	1	1	.37	.37	.37	.74	-	14	14	282	542,108	1	-		
PROCESSING PLANTS:																				
CALIFORNIA-----	-	-	-	-	-	-	3	3	-	-	.75	.75	-	-	-	403	804,638	-	1	
SOUTH CAROLINA-----	-	-	-	-	-	-	2	2	-	-	16.51	16.51	-	-	-	11	24,224	1	-	
TOTAL OR AVERAGE----	-	-	-	-	-	-	5	5	-	-	1.21	1.21	-	-	-	414	828,862	1	1	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
CALIFORNIA-----	-	-	-	1	1	1	4	.15	.15	.59	.74	-	5	5	685	1,346,746	1	1		
SOUTH CAROLINA-----	-	-	-	-	-	-	2	2	-	-	16.51	16.51	-	-	-	11	24,224	1	-	
TOTAL OR AVERAGE----	-	-	-	1	1	1	6	.15	.15	.88	1.02	-	5	5	696	1,370,970	2	1		
OFFICE:																				
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	191	354,840	-	1	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,893	-	1	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	194	360,733	-	2	

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL	NDL	All Inju- ries	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	All Inju- ries	FATAL	NFDL	ALL FATAL AND NFDL						
		TOTAL	PARTIAL																		
BORON-CONTINUED:																					
GRAND TOTAL OR AVERAGE:																					
CALIFORNIA-----	-	-	-	-	1	1	1	4	5	-	.12	.12	.47	.59	-	4	4	876	1,701,586	1	2
SOUTH CAROLINA-----	-	-	-	-	-	-	-	2	2	-	-	13.28	13.28	-	-	-	-	14	30,117	1	1
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	6	7	-	.12	.12	.69	.81	-	4	4	890	1,731,703	2	3
BRUCITE:																					
PROCESSING PLANTS:																					
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	17,209	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	17,209	1	-
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																					
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	17,209	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	17,209	1	-
OFFICE:																					
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,401	-	1
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,401	-	1
GRAND TOTAL OR AVERAGE:																					
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	22,610	1	1
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	22,610	1	1
CLAY:																					
UNDERGROUND MINES:																					
UNDERGROUND:																					
UTAH-----	-	-	-	-	2	2	2	-	2	-	18.63	18.63	-	18.63	-	1,434	1,434	9	21,473	1	-
TOTAL OR AVERAGE----	-	-	-	-	2	2	2	-	2	-	18.63	18.63	-	18.63	-	1,434	1,434	9	21,473	1	-
SURFACE AT UNDERGROUND:																					
UTAH-----	-	-	-	-	-	-	-	3	3	-	-	-	48.42	48.42	-	-	-	6	12,391	-	1
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	3	3	-	-	-	48.42	48.42	-	-	-	6	12,391	-	1
TOTAL OR AVERAGE, UG:																					
UTAH-----	-	-	-	-	2	2	2	3	5	-	11.81	11.81	17.72	29.53	-	910	910	15	33,864	1	1
TOTAL OR AVERAGE----	-	-	-	-	2	2	2	3	5	-	11.81	11.81	17.72	29.53	-	910	910	15	33,864	1	1

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		TOTAL	PARTIAL																		
CLAY—CONTINUED:																					
SURFACE MINES:																					
OPEN PIT:																					
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	34,684	7	-		
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	297	3	-		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	13,167	2	-		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46,740	3	-			
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	4,175	4	-		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	30,395	2	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138	282,103	13	-		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,405	-	-		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,022	1	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	578	2	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	10,747	3	-		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	80	-	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2,384	3	-		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,603	1	-		
MISISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	17,244	4	-		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	70,409	7	-		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,367	1	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,696	2	-		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,362	1	-		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	29,088	12	-		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,680	2	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4,273	2	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	332	2	-		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,040	1	-		
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12,033	6	-		
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	121,929	7	-		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	118,179	20	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	15,799	3	-		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,928	1	-		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16	1	-		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	114,357	1	-			
TOTAL OR AVERAGE----	-	-	-	-	5	5	5	4	9	-	1.04	1.04	.83	1.87	-	82	82	575	963,112	119	-

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		TOTAL	PARTIAL																		
CLAY-CONTINUED:																					
TOTAL OR AVERAGE, SURFACE:																					
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	34,684	7	-		
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	297	3	-		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	13,167	2	-		
CALIFORNIA-----	-	-	1	1	1	-	1	-	4.28	4.28	-	4.28	-	-	-	26	46,740	3	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	4,175	4	-		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	30,395	2	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138	282,103	13	-		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,405	1	-		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,022	1	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	578	2	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	10,747	3	-		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	80	1	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2,384	3	-		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,603	1	-		
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	17,244	4	-		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	70,409	7	-		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,367	1	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,696	2	-		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,362	1	-		
NORTH CAROLINA-----	-	-	1	1	1	-	1	-	6.88	6.88	-	6.88	-	-	-	35	29,088	12	-		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,680	2	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4,273	2	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	332	2	-		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,040	1	-		
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12,033	6	-		
TENNESSEE-----	-	-	1	1	1	1	2	-	1.64	1.64	1.64	3.28	-	-	-	64	121,929	7	-		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	119,179	20	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	15,799	3	-		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,928	1	-		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16	1	-		
WYOMING-----	-	-	2	2	2	-	2	-	3.50	3.50	-	3.50	-	-	-	331	331	54	114,357	1	-
TOTAL OR AVERAGE----	-	-	5	5	5	4	9	-	1.04	1.04	.83	1.87	-	-	-	82	82	575	963,112	119	-

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		TOTAL	PARTIAL																		
CLAY—CONTINUED:																					
TOTAL OR AVERAGE, MINING:																					
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	34,684	7	-		
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	297	3	-		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	13,167	2	-		
CALIFORNIA-----	-	-	1	1	1	-	1	-	4.28	4.28	-	4.28	-	-	-	26	46,740	3	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	4,175	4	-		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	30,395	2	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138	282,103	13	-		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,405	1	-		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,022	1	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	578	2	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	10,747	3	-		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	80	1	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2,384	3	-		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,603	1	-		
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	17,244	4	-		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	70,409	7	-		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,367	1	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,696	2	-		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,362	1	-		
NORTH CAROLINA-----	-	-	1	1	1	-	1	-	6.88	6.88	-	6.88	-	-	-	35	29,088	12	-		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,680	2	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4,273	2	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	332	2	-		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,040	1	-		
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12,033	6	-		
TENNESSEE-----	-	-	1	1	1	1	2	-	1.64	1.64	1.64	3.28	-	-	-	64	121,929	7	-		
TEXAS-----	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	71	118,179	20	-		
UTAH-----	-	-	2	2	2	3	5	-	8.05	8.05	12.08	20.14	-	-	-	24	49,663	4	1		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,928	1	-		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16	1	-		
WYOMING-----	-	-	2	2	2	-	2	-	3.50	3.50	-	3.50	-	-	-	331	331	54	114,357	1	-
TOTAL OR AVERAGE----	-	-	-	7	7	7	7	14	-	1.40	1.40	1.40	2.81	-	-	110	110	590	996,976	120	1

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		TOTAL	PARTIAL																	
CLAY-CONTINUED: PROCESSING PLANTS:																				
ALABAMA-----	-	-	-	3	3	3	2	5	-	1.54	1.54	1.03	2.56	-	25	25	179	390,080	2	2
CALIFORNIA-----	-	-	-	2	2	2	2	4	-	1.71	1.71	1.71	3.41	-	148	148	101	183,290	5	1
FLORIDA-----	-	-	-	12	12	12	5	17	.79	.79	.33	1.11	-	56	56	1,434	234,572	-	2	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	11,853	16	7	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	60,307	-	1	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	41,724	-	1	
KANSAS-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	34	71,143	-	1	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	201	415,775	1	1	
MISSISSIPPI-----	-	-	-	2	2	2	1	3	-	1.09	1.09	.54	1.63	-	31	31	173	367,984	2	2
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	22,061	2	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	965	-	1	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,344	-	1	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	206	206	44	96,133	
SOUTH CAROLINA-----	-	-	1	1	1	1	-	1	-	2.08	2.08	-	2.08	-	290	290	176	341,576	-	6
TENNESSEE-----	-	-	5	6	6	1	7	-	3.51	3.51	.59	4.10	-	61	61	211	534,511	2	6	
TEXAS-----	-	-	5	5	5	1	6	-	1.87	1.87	.37	2.25	-	-	-	29	64,984	-	2	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	102,093	1	-	
WYOMING-----	-	-	3	3	3	-	3	-	5.88	5.88	-	5.88	-	692	692	2,819	6,001,081	34	34	
TOTAL OR AVERAGE----	-	-	1	33	34	34	13	47	-	1.13	1.13	.43	1.57	-	75	75				

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT		TEMPO- RARY																		
		TOTAL	PARTIAL																			
CLAY—CONTINUED:																						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																						
ALABAMA-----	-	-	-	3	3	3	2	5	-	1.41	1.41	.94	2.35	-	23	23	202	424,764	9	2		
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	297	3	-		
ARKANSAS-----	-	-	-	1	1	1	-	1	-	.87	.87	-	.87	-	33	33	127	13,167	2	-		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	230,030	8	1			
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	4,175	4	-		
FLORIDA-----	-	-	-	2	2	2	2	4	-	1.51	1.51	1.51	3.02	-	131	131	130	264,967	2	2		
GEORGIA-----	-	-	-	12	12	12	7	19	-	.72	.72	.42	1.14	-	51	51	1,572	3,336,789	29	7		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	11,853	1	-		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	69,712	1	1		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,022	1	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	578	2	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	52,471	3	1		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	80	1	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	73,527	3	1		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,603	1	-		
MISSISSIPPI-----	-	-	-	2	2	2	1	3	-	1.04	1.04	.52	1.56	-	30	30	182	385,228	5	2		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	239	486,184	8	1		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,367	1	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,696	2	-		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,362	1	-		
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	6.88	6.88	-	6.88	-	110	110	35	29,088	12	-		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	25,741	4	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4,273	2	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1,297	2	1		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,384	3	-		
SOUTH CAROLINA-----	-	-	-	1	1	1	1	1	-	1.85	1.85	-	1.85	-	183	183	55	108,166	7	1		
TENNESSEE-----	-	-	-	1	6	7	7	9	-	3.02	3.02	.86	3.88	-	280	280	240	463,505	7	6		
TEXAS-----	-	-	-	5	5	5	2	7	-	1.53	1.53	.61	2.14	-	50	50	282	652,690	22	6		
UTAH-----	-	-	-	2	2	2	3	5	-	3.49	3.49	5.23	8.72	-	269	269	53	114,647	4	3		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,928	1	-		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16	1	-		
WYOMING-----	-	-	-	5	5	5	-	5	-	4.62	4.62	-	4.62	-	501	501	102	216,450	2	-		
TOTAL OR AVERAGE----	-	-	1	40	41	41	20	61	-	1.17	1.17	.57	1.74	-	80	80	3,409	6,998,057	154	35		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION				
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	INCIDENCE RATES			SEVERITY MEASURES												
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL								
		TOTAL	PARTIAL																				
CLAY—CONTINUED:																							
OFFICE:																							
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	56,113	-	8				
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,424	1	3				
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2,393	1	2				
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	63,520	-	7				
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	61	-	2				
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	277	1					
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	53,212	-	2				
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	232	447,189	1	25				
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	18,915	-	1				
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	21	-	2				
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,160	-	1				
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	9,946	1	3				
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-	1				
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7	1					
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	39,572	-	4				
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	88,903	1	6				
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	11	-	1				
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	110	-	2				
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	456	-	1				
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	623	3	10				
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2,234	-	2				
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	8	-	2				
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-	1				
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,997	1	2				
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	23,606	-	6				
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	107,721	-	5				
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92	167,178	1	19				
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	17,308	-	3				
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	495	-	1				
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	34	-	1				
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	91,250	-	2				
TOTAL OR AVERAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	669	1,200,752	12	125				

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL								
		TOTAL	PARTIAL																				
CLAY—CONTINUED:																							
GRAND TOTAL OR AVERAGE:																							
ALABAMA-----	-	-	-	-	3	3	3	2	5	-	1.25	1.25	.83	2.08	-	20	20	234	480,877	9	10		
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2,721	4	3		
ARKANSAS-----	-	-	-	1	1	1	1	-	1	-	.68	.68	-	.68	-	-	-	12	15,560	3	2		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	293,550	8	8			
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	4,236	4	2		
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	277	1	-		
FLORIDA-----	-	-	-	2	2	2	2	2	4	-	1.26	1.26	1.26	2.51	-	109	109	158	318,179	2	4		
GEORGIA-----	-	-	-	12	12	12	12	7	19	-	.63	.63	.37	1.00	-	45	45	1,804	3,783,978	30	32		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	11,853	1	-		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	88,627	1	2		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,022	1	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	599	2	2		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	56,631	3	2		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	80	1	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	83,473	4	4		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4,607	1	1		
MICHIGAN-----	-	-	-	2	2	2	1	3	-	.94	.94	.47	1.41	-	27	27	201	424,800	5	6			
MISSISSIPPI-----	-	-	-	2	2	2	1	3	-	-	-	-	-	-	-	-	292	575,087	9	7			
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2,378	1	1		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3,806	2	2		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,818	1	-		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	29,711	15	10		
NORTH CAROLINA-----	-	-	1	1	1	1	-	1	-	6.73	6.73	-	6.73	-	108	108	-	20	27,975	4	2		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4,281	2	2		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1,301	2	2		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	12,381	4	2		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	131,772	7	7		
SOUTH CAROLINA-----	-	-	1	1	1	1	-	1	-	1.52	1.52	-	1.52	-	150	150	-	227	293	571,226	7	11	
TENNESSEE-----	-	-	1	6	7	7	2	9	-	2.45	2.45	.70	3.15	-	-	-	-	40	374	819,868	23	25	
TEXAS-----	-	-	5	5	5	5	2	7	-	1.22	1.22	.49	1.71	-	-	-	-	233	62	131,955	4	6	
UTAH-----	-	-	2	2	2	2	3	5	-	3.03	3.03	4.55	7.58	-	-	-	-	-	-	4	2,423	1	1
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	50	1	1	
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	133	307,700	2	2		
WYOMING-----	-	-	5	5	5	5	-	5	-	3.25	3.25	-	3.25	-	352	352	-	-	-	-	-	-	
TOTAL OR AVERAGE----	-	-	1	40	41	41	20	61	-	1.00	1.00	.49	1.49	-	68	68	4,078	8,198,809	166	160			
FELDSPAR:																							
SURFACE MINES:																							
OPEN PIT:																							
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	417	1	-		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	49,314	3	-		
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	363	2	-		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	50,094	6	-		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION				
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	INCIDENCE RATES			SEVERITY MEASURES												
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL								
		TOTAL	PARTIAL																				
FELDSPAR-CONTINUED:																							
TOTAL OR AVERAGE, SURFACE:																							
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	417	1	-				
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	49,314	3	-				
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	363	2	-				
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	50,094	6	-				
TOTAL OR AVERAGE, MINING:																							
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	417	1	-				
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	49,314	3	-				
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	363	2	-				
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	50,094	6	-				
PROCESSING PLANTS:																							
GEORGIA-----	-	-	-	-	1	1	1	1	2	-	2.03	2.03	2.03	4.05	-	67	67	21,252	1	1			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	98,738	1	-				
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	12,424	1	-				
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	1	2	-	1.51	1.51	1.51	3.02	-	50	50	132,414	3	2			
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
GEORGIA-----	-	-	-	-	-	1	1	1	2	-	1.35	1.35	1.35	2.70	-	45	45	21,669	2	1			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	93	149,052	-				
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	12,787	3	-			
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	1	2	-	1.10	1.10	1.10	2.19	-	36	36	114	182,508	9	2		
OFFICE:																							
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,881	-	1				
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	34,626	-	2				
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,936	-	1				
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	42,443	-	4				
GRAND TOTAL OR AVERAGE:																							
GEORGIA-----	-	-	-	-	-	1	1	1	2	-	1.09	1.09	1.09	2.19	-	36	36	118	27,550	2			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	182,678	4				
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	14,723	3	-				
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	1	2	-	.89	.89	.89	1.78	-	29	29	143	224,951	9	6		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION				
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES	FATAL			NFDL	ALL FATAL AND NFDL			
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES			FATAL	NFDL	ALL FATAL AND NFDL		ALL FATAL AND NFDL			
		TOTAL	PARTIAL																				
FLUORSPAR:																							
UNDERGROUND MINES:																							
UNDERGROUND:																							
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12,721	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12,721	1	-
TOTAL OR AVERAGE, UG:																							
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12,721	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12,721	1	-
TOTAL OR AVERAGE, MINING:																							
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12,721	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12,721	1	-
PROCESSING PLANTS:																							
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	18,259	1	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,466	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	19,725	2	-
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	18,259	1	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12,721	1	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,466	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	32,446	3	-
GRAND TOTAL OR AVERAGE:																							
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	18,259	1	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12,721	1	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,466	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	32,446	3	-
GEMSTONES:																							
UNDERGROUND MINES:																							
UNDERGROUND:																							
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	395	2	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,065	1	-
MONTANA-----	1	-	-	-	-	-	1	-	99.99	-	99.99	-	99.99	-	99,999	-	-	-	-	1	80	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	336	1	-
TOTAL OR AVERAGE----	1	-	-	-	-	-	1	-	41.02	-	41.02	-	41.02	-	99,999	-	-	-	-	9	4,876	5	-

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL		
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL				
	TOTAL	PARTIAL																			
GEMSTONES-CONTINUED:																					
SURFACE AT UNDERGROUND:																					
CALIFORNIA-----	-	-	-	-	1	1	1	-	1	-	99.99	99.99	-	99.99	-	355	355	2	1,200	-	1
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	99.99	99.99	-	99.99	-	113	113	3	564	-	1
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	-	1	-	99.99	99.99	-	99.99	-	113	113	3	1,764	-	2
TOTAL OR AVERAGE, UG:																					
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1,595	2	1
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,065	1	-
MONTANA-----	1	-	-	-	-	-	1	-	1	99.99	99.99	-	99.99	99.99	-	222	222	1	80	1	-
VIRGINIA-----	-	-	-	-	1	1	1	-	1	99.99	99.99	-	99.99	-	222	222	3	900	1	1	
TOTAL OR AVERAGE----	1	-	-	-	1	1	2	-	2	30.12	30.12	60.24	-	60.24	99,999	30	99,999	12	6,640	5	2
SURFACE MINES:																					
OPEN PIT:																					
ARIZONA-----	-	-	-	-	1	1	1	-	1	-	6.81	6.81	-	6.81	-	7	7	20	29,368	2	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	6,952	8	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	31,662	1	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	1,244	1	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,038	1	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,199	1	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	5,943	3	-
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	-	1	-	2.40	2.40	-	2.40	-	2	2	73	83,406	17	-
TOTAL OR AVERAGE, SURFACE:																					
ARIZONA-----	-	-	-	-	1	1	1	-	1	-	6.81	6.81	-	6.81	-	7	7	20	29,368	2	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	6,952	8	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	31,662	1	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	1,244	1	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,038	1	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,199	1	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	5,943	3	-
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	-	1	-	2.40	2.40	-	2.40	-	2	2	73	83,406	17	-

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT	TEMPO- RARY	TOTAL NFDL				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		TOTAL	PARTIAL																		
GEMSTONES-CONTINUED:																					
TOTAL OR AVERAGE, MINING:																					
ARI ZONA-----	-	-	-	-	1	1	1	-	6.81	6.81	-	6.81	-	7	7	20	29,368	2	-		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	6,952	8	-		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1,595	2	1		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	31,662	1	-		
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,065	1	-		
MONTANA-----	1	-	-	-	-	-	1	99.99	-	99.99	-	99.99	99,999	-	99,999	13	1,324	2	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,038	1	-		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,199	1	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	5,943	3	-		
VIRGINIA-----	-	-	-	-	1	1	1	-	99.99	99.99	-	99.99	-	222	222	3	900	1	1		
TOTAL OR AVERAGE----	1	-	-	-	2	2	3	-	2.22	4.44	6.66	-	6.66	13,327	4	13,331	85	90,046	22	2	
PROCESSING PLANTS:																					
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,782	-	1		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	885	-	1		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	12,429	-	1		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	6,840	1	2		
NORTH CAROLINA-----	-	-	-	-	1	1	1	1	-	.88	.88	.88	.88	1.77	-	218	218	116	226,470	2	
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	2	-	.80	.80	1.60	2.40	-	197	197	141	250,406	3	5	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																					
ARI ZONA-----	-	-	-	-	1	1	1	-	6.03	6.03	-	6.03	-	6	6	23	33,150	2	1		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	7,837	8	-		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1,595	2	1		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	44,091	1	1		
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,065	1	-		
MONTANA-----	1	-	-	-	-	-	1	1	24.50	-	24.50	24.50	49.00	99,999	-	99,999	28	8,164	3	2	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	.87	.87	.87	1.74	-	215	215	118	229,669	3	-	
NORTH CAROLINA-----	-	-	-	-	1	1	1	1	-	99.99	99.99	-	99.99	-	222	222	3	5,943	3	-	
OREGON-----	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	9	900	1	1		
VIRGINIA-----	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	3	229,669	3	-		
TOTAL OR AVERAGE----	1	-	-	-	3	3	4	2	6	.59	1.76	2.35	1.17	3.52	3,525	146	3,671	226	340,452	25	7
OFFICE:																					
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	653	-	1		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2,087	1	5		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,019	-	1		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2,091	-	3		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	55,491	-	2		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	342	-	3		
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	116	-	1		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	66,799	1	16		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		TOTAL	PARTIAL																	
GEMSTONES-CONTINUED:																				
GRAND TOTAL OR AVERAGE:																				
ARIZONA-----	-	-	-	1	1	1	-	1	-	5.92	5.92	-	5.92	-	6	6	24	33,803	2	2
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	9,924	9	6	
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1,595	2	1	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	50,110	1	2	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,065	1	-	
MONTANA-----	1	-	-	-	-	1	1	2	19.50	-	19.50	19.50	39.01	99,999	-	99,999	33	10,255	3	5
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,038	1	-	
NORTH CAROLINA-----	-	-	-	1	1	1	1	2	-	.70	.70	.70	1.40	-	173	173	146	285,160	3	2
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	6,285	3	3	
VERMONT-----	-	-	-	1	1	1	-	1	-	99.99	99.99	-	99.99	-	197	197	4	1,016	1	2
TOTAL OR AVERAGE----	1	-	-	3	3	4	2	6	.49	1.47	1.96	.98	2.95	2,947	122	3,069	273	407,251	26	23
GI LSONITE:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
UTAH-----	-	-	-	8	8	8	3	11	-	9.07	9.07	3.40	12.47	-	565	565	86	176,372	3	-
TOTAL OR AVERAGE----	-	-	-	8	8	8	3	11	-	9.07	9.07	3.40	12.47	-	565	565	86	176,372	3	-
SURFACE AT UNDERGROUND:																				
UTAH-----	-	-	-	4	4	4	1	5	-	11.93	11.93	2.98	14.92	-	361	361	31	67,034	-	3
TOTAL OR AVERAGE----	-	-	-	4	4	4	1	5	-	11.93	11.93	2.98	14.92	-	361	361	31	67,034	-	3
TOTAL OR AVERAGE, UG:																				
UTAH-----	-	-	-	12	12	12	4	16	-	9.86	9.86	3.29	13.15	-	509	509	117	243,406	3	3
TOTAL OR AVERAGE----	-	-	-	12	12	12	4	16	-	9.86	9.86	3.29	13.15	-	509	509	117	243,406	3	3
TOTAL OR AVERAGE, MINING:																				
UTAH-----	-	-	-	12	12	12	4	16	-	9.86	9.86	3.29	13.15	-	509	509	117	243,406	3	3
TOTAL OR AVERAGE----	-	-	-	12	12	12	4	16	-	9.86	9.86	3.29	13.15	-	509	509	117	243,406	3	3
PROCESSING PLANTS:																				
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	75,083	-	2	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	75,083	-	2	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
UTAH-----	-	-	-	12	12	12	4	16	-	7.54	7.54	2.51	10.05	-	389	389	152	318,489	3	5
TOTAL OR AVERAGE----	-	-	-	12	12	12	4	16	-	7.54	7.54	2.51	10.05	-	389	389	152	318,489	3	5

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES	FATAL			NFDL	ALL FATAL AND NFDL		
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL					
		TOTAL	PARTIAL																			
GILSONITE-CONTINUED:																						
OFFICE:																						
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	49,226	-	2
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	49,226	-	2
GRAND TOTAL OR AVERAGE:																						
UTAH-----	-	-	-	12	12	12	4	16	-	6.53	6.53	2.18	8.70	-	337	337	174	367,715	3	7		
TOTAL OR AVERAGE----	-	-	-	12	12	12	4	16	-	6.53	6.53	2.18	8.70	-	337	337	174	367,715	3	7		
GYPSUM:																						
UNDERGROUND MINES:																						
UNDERGROUND:																						
INDIANA-----	-	-	-	-	-	-	-	-	-	2.88	2.88	-	-	-	-	-	308	308	27	60,055	2	-
IOWA-----	-	-	-	1	1	1	-	1	-	2.88	2.88	-	-	-	-	-	-	39	69,374	1	-	
KANSAS-----	-	-	-	-	-	-	-	1	-	4.33	4.33	-	-	-	-	-	-	21	46,178	1	-	
TOTAL OR AVERAGE----	-	-	-	1	1	1	1	2	-	1.14	1.14	1.14	2.28	-	122	122	87	175,607	4	-		
SURFACE AT UNDERGROUND:																						
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,519	-	2	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,975	-	1	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	10,494	-	3	
TOTAL OR AVERAGE, UG:																						
INDIANA-----	-	-	-	-	-	-	-	-	-	2.73	2.73	-	-	-	-	-	-	30	66,574	2	2	
IOWA-----	-	-	-	1	1	1	-	1	-	2.73	2.73	-	-	-	-	-	-	41	73,349	1	1	
KANSAS-----	-	-	-	-	-	-	-	1	-	4.33	4.33	-	-	-	-	-	-	21	46,178	1	-	
TOTAL OR AVERAGE----	-	-	-	1	1	1	1	2	-	1.07	1.07	1.07	2.15	-	115	115	92	186,101	4	3		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT		TEMPO- RARY																		
		TOTAL	PARTIAL																			
GYPSUM-CONTINUED:																						
SURFACE MINES:																						
OPEN PIT:																						
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	31,443	4	-		
ARKANSAS-----	-	-	-	-	2	2	-	-	-	3.12	3.12	-	3.12	-	-	-	-	23	27,309	1	-	
CALIFORNIA-----	-	-	-	1	1	1	-	1	-	3.56	3.56	-	3.56	-	-	-	58	128,197	6	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	49,322	4	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56,109	3	-	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	25,878	3	-		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	30,269	4	-		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16	1	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	115,053	4	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	11,531	2	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160	379,770	13	-		
TEXAS-----	-	-	-	3	3	3	1	4	-	3.16	3.16	1.05	4.21	-	-	-	81	190,131	8	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	32,032	4	-		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	22,185	2	-		
TOTAL OR AVERAGE----	-	-	-	6	6	6	5	11	-	1.09	1.09	.91	2.00	-	-	-	538	1,099,245	59	-		
TOTAL OR AVERAGE, SURFACE:																						
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	31,443	4	-		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	27,309	1	-		
CALIFORNIA-----	-	-	-	2	2	2	-	2	-	3.12	3.12	-	3.12	-	-	-	58	128,197	6	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	49,322	4	-		
IOWA-----	-	-	-	1	1	1	-	1	-	3.56	3.56	-	3.56	-	-	-	56,109	3	-	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	25,878	3	-		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	30,269	4	-		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16	1	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	115,053	4	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	11,531	2	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160	379,770	13	-		
TEXAS-----	-	-	-	3	3	3	1	4	-	3.16	3.16	1.05	4.21	-	-	-	81	190,131	8	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	32,032	4	-		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	22,185	2	-		
TOTAL OR AVERAGE----	-	-	-	6	6	6	5	11	-	1.09	1.09	.91	2.00	-	-	-	538	1,099,245	59	-		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES							
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL					
		TOTAL	PARTIAL																			
GYPSUM-CONTINUED:																						
TOTAL OR AVERAGE, MINING:																						
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	31,443	4	-		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	27,309	1	-		
CALIFORNIA-----	-	-	-	2	2	2	-	2	-	3.12	3.12	-	3.12	-	83	83	58	128,197	6	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	49,322	4	-		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	66,574	2	2		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	129,458	4	1		
KANSAS-----	-	-	-	2	2	2	-	2	-	3.09	3.09	-	3.09	-	329	329	69	72,086	4	-		
MICHIGAN-----	-	-	-	-	-	-	-	1	1	-	-	2.78	2.78	-	-	-	40	30,269	4	-		
MONTANA-----	-	-	-	-	-	-	-	1	1	-	-	6.61	6.61	-	-	-	17	115,053	4	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	3.48	3.48	-	-	-	60	11,531	2	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	379,770	13	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160	190,131	8	-		
TEXAS-----	-	-	-	3	3	3	-	1	4	-	3.16	3.16	1.05	4.21	-	337	337	81	32,032	4	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	22,185	2	-		
WYOMING-----	-	-	-	-	-	-	-	1	1	-	-	9.02	9.02	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE----	-	-	-	7	7	7	6	13	-	1.09	1.09	.93	2.02	-	91	91	630	1,285,346	63	3		
PROCESSING PLANTS:																						
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	42.57	42.57	-	42.57	-	5,364	5,364	1	1,636	-	1
ARKANSAS-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	4	4,698	-	1		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	44,769	1	2		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	48,553	-	2		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	26,673	1	2		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,863	-	1		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,011	-	1		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	34,853	-	1		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	83,114	1	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	22,250	-	1		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	88,658	1	3		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	27,161	-	2		
TOTAL OR AVERAGE----	-	-	-	1	1	1	-	1	-	.51	.51	-	.51	-	64	64	192	391,239	4	17		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
	TOTAL	PARTIAL																		
GYPSUM-CONTINUED:																				
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	33,079	4	1	
ARKANSAS-----	-	-	-	1	1	1	1	-	-	6.25	6.25	-	6.25	-	787	787	27	32,007	1	1
CALIFORNIA-----	-	-	-	2	2	2	2	-	-	2.31	2.31	-	2.31	-	61	61	81	172,966	7	2
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	49,322	4	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	115,127	2	4
IAWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93	156,131	5	3
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	78,919	4	1
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	32,280	4	1
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16	1	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	149,906	4	1
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	11,531	2	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	83,114	1	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	170	402,020	13	1
TEXAS-----	-	-	-	3	3	3	1	4	-	2.15	2.15	.72	2.87	-	230	230	120	278,789	9	3
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	59,193	4	2
WYOMING-----	-	-	-	-	-	-	-	1	1	-	-	9.02	9.02	-	-	-	11	22,185	2	-
TOTAL OR AVERAGE----	-	-	-	8	8	8	6	14	-	.95	.95	.72	1.67	-	85	85	822	1,676,585	67	20
OFFICE:																				
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,894	-	2
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,040	-	1
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	15,547	-	5
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,040	-	1
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2,651	-	2
IAWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	7,868	2	4
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3,365	-	4
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	8,258	-	3
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	11,044	-	2
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,740	-	1
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	5.39	5.39	-	5.39	-	5	5	16	37,092	-	1
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	22,625	-	8
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	23,225	-	9
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	10,094	-	2
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2,520	-	2
TOTAL OR AVERAGE----	-	-	-	1	1	1	-	1	-	1.31	1.31	-	1.31	-	1	1	93	153,003	2	47

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		TOTAL	PARTIAL																	
GYPSUM-CONTINUED:																				
GRAND TOTAL OR AVERAGE:																				
ARIZONA-----	-	-	-	-	1	1	-	-	5.87	5.87	-	5.87	-	740	740	22	36,973	4	3	
ARKANSAS-----	-	-	-	2	2	2	-	2.12	2.12	-	2.12	-	-	56	56	28	34,047	1	2	
CALIFORNIA-----	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	89	188,513	7	7	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	50,362	4	1	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	117,778	2	6	
IOWA-----	-	-	-	2	2	2	-	2.44	2.44	-	2.44	-	-	260	260	104	163,999	7	7	
KANSAS-----	-	-	-	-	-	-	1	1	-	2.43	2.43	-	-	-	-	47	82,284	4	5	
MICHIGAN-----	-	-	-	-	-	-	1	1	-	4.93	4.93	-	-	-	-	22	40,538	4	4	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16	1	1	
NEVADA-----	-	-	-	-	-	-	-	-	2.49	2.49	-	-	-	-	-	84	160,950	4	3	
NEW MEXICO-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	7	13,271	2	1	
NORTH CAROLINA-----	-	-	-	1	1	1	-	1.66	1.66	-	1.66	-	-	2	2	56	120,206	1	1	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	181	424,645	13	9	
TEXAS-----	-	-	-	3	3	3	1	4	1.99	1.99	.66	2.65	-	212	212	136	302,014	9	12	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	69,287	4	4	
WYOMING-----	-	-	-	-	-	-	1	1	-	-	8.10	8.10	-	-	-	13	24,705	2	2	
TOTAL OR AVERAGE----	-	-	-	9	9	9	6	15	-	.98	.98	.66	1.64	-	78	78	915	1,829,588	69	67
KYANITE:																				
SURFACE MINES:																				
OPEN PIT:																				
VIRGINIA-----	-	-	-	-	-	-	1	1	-	-	-	5.48	5.48	-	-	-	17	36,520	2	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	1	1	-	-	-	5.48	5.48	-	-	-	17	36,520	2	-
TOTAL OR AVERAGE, SURFACE:																				
VIRGINIA-----	-	-	-	-	-	-	1	1	-	-	-	5.48	5.48	-	-	-	17	36,520	2	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	1	1	-	-	-	5.48	5.48	-	-	-	17	36,520	2	-
TOTAL OR AVERAGE, MINING:																				
VIRGINIA-----	-	-	-	-	-	-	1	1	-	-	-	5.48	5.48	-	-	-	17	36,520	2	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	1	1	-	-	-	5.48	5.48	-	-	-	17	36,520	2	-
PROCESSING PLANTS:																				
VIRGINIA-----	-	-	-	4	4	4	1	5	-	4.48	4.48	1.12	5.60	-	279	279	88	178,696	-	2
TOTAL OR AVERAGE----	-	-	-	4	4	4	1	5	-	4.48	4.48	1.12	5.60	-	279	279	88	178,696	-	2
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
VIRGINIA-----	-	-	-	4	4	4	2	6	-	3.72	3.72	1.86	5.58	-	231	231	105	215,216	2	2
TOTAL OR AVERAGE----	-	-	-	4	4	4	2	6	-	3.72	3.72	1.86	5.58	-	231	231	105	215,216	2	2

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES								
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL						
		TOTAL	PARTIAL																				
KYANITE-CONTINUED:																							
OFFICE:																							
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	38,055	-	2		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	38,055	-	2		
GRAND TOTAL OR AVERAGE:																							
VIRGINIA-----	-	-	-	4	4	4	2	6	-	3.16	3.16	1.58	4.74	-	197	197	126	253,271	2	4			
TOTAL OR AVERAGE----	-	-	-	4	4	4	2	6	-	3.16	3.16	1.58	4.74	-	197	197	126	253,271	2	4			
LEONARDITE:																							
SURFACE MINES:																							
OPEN PIT:																							
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	558	1	-		
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	344	1	-		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,508	1	-		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,410	3	-		
TOTAL OR AVERAGE, SURFACE:																							
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	558	1	-		
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	344	1	-		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,508	1	-		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,410	3	-		
TOTAL OR AVERAGE, MINING:																							
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	558	1	-		
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	344	1	-		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,508	1	-		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,410	3	-		
PROCESSING PLANTS:																							
NORTH DAKOTA-----	-	-	-	1	1	1	-	1	-	3.81	3.81	-	3.81	-	221	221	27	52,561	1	1			
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	28,462	1	-		
TOTAL OR AVERAGE----	-	-	-	1	1	1	-	1	-	2.47	2.47	-	2.47	-	143	143	38	81,023	2	1			
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
NEW MEXICO-----	-	-	-	-	1	1	-	-	-	3.78	3.78	-	3.78	-	219	219	1	558	1	-			
NORTH DAKOTA-----	-	-	-	-	1	1	-	-	-	3.78	3.78	-	3.78	-	219	219	28	52,905	2	1			
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	30,970	2	-			
TOTAL OR AVERAGE----	-	-	-	1	1	1	-	1	-	2.37	2.37	-	2.37	-	137	137	41	84,433	5	1			

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES	FATAL			NFDL	ALL FATAL AND NFDL		
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL		ALL FATAL AND NFDL			
		TOTAL	PARTIAL																			
LEONARDITE-CONTINUED:																						
OFFICE:																						
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	22	-	1	
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	9,093	-	2	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	9,115	-	3	
GRAND TOTAL OR AVERAGE:																						
NEW MEXICO-----	-	-	-	-	1	1	1	-	1	-	3.23	3.23	-	3.23	-	-	187	187	2	580	1	1
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	61,998	2	3	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	30,970	2	-	
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	-	1	-	2.14	2.14	-	2.14	-	-	124	124	48	93,548	5	4
MAGNESITE:																						
SURFACE MINES:																						
OPEN PIT:																						
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	23,001	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	23,001	1	-
TOTAL OR AVERAGE, SURFACE:																						
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	23,001	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	23,001	1	-
TOTAL OR AVERAGE, MINING:																						
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	23,001	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	23,001	1	-
PROCESSING PLANTS:																						
NEVADA-----	-	-	-	-	3	3	3	3	6	-	4.13	4.13	4.13	8.26	-	-	672	672	72	145,287	-	1
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	14,627	1	-	
TOTAL OR AVERAGE----	-	-	-	-	3	3	3	3	6	-	3.75	3.75	3.75	7.50	-	-	610	610	80	159,914	1	1
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																						
NEVADA-----	-	-	-	-	3	3	3	3	6	-	3.57	3.57	3.57	7.13	-	-	580	580	83	168,288	1	1
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	14,627	1	-	
TOTAL OR AVERAGE----	-	-	-	-	3	3	3	3	6	-	3.28	3.28	3.28	6.56	-	-	534	534	91	182,915	2	1

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL						
	TOTAL	PARTIAL																					
MAGNESITE-CONTINUED:																							
OFFICE:																							
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	12,276	-	1		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,040	-	1		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	21,316	-	2		
GRAND TOTAL OR AVERAGE:																							
NEVADA-----	-	-	-	3	3	3	3	6	-	3.32	3.32	3.32	6.65	-	-	541	541	89	180,564	1	2		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	23,667	1	1		
TOTAL OR AVERAGE----	-	-	-	3	3	3	3	6	-	2.94	2.94	2.94	5.88	-	-	478	478	102	204,231	2	3		
MINES:																							
SURFACE MINES:																							
OPEN PIT:																							
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2,420	1	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,578	1	-		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,457	1	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	53,796	1	-		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,246	1	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,176	1	-		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	10,846	1	-		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,870	2	-		
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,033	1	-		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	1	1	-	-	-	2.34	2.34	-	-	-	55	85,422	10	-		
TOTAL OR AVERAGE, SURFACE:																							
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2,420	1	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,578	1	-		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,457	1	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	53,796	1	-		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,246	1	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,176	1	-		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	10,846	1	-		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,870	2	-		
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,033	1	-		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	1	1	-	-	-	2.34	2.34	-	-	-	55	85,422	10	-		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT	TEMPO- RARY	TOTAL NFDL																		
		TOTAL	PARTIAL																			
MINING:																						
TOTAL OR AVERAGE, MINING:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2,420	1	-			
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,578	1	-			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,457	1	-			
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	53,796	1	-			
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,246	1	-			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,176	1	-			
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	10,846	1	-			
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,870	2	-			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,033	1	-			
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	85,422	10	-			
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	1	1	-	-	2.34	2.34	-	-	-	55	85,422	10	-		
PROCESSING PLANTS:																						
TOTAL OR AVERAGE, PROCESSING PLANTS:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6,026	-	1			
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	98,945	1	1			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,359	-	1			
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	77,688	3	1			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	22,123	1	-			
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113	207,141	5	4			
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	1	2	-	.97	.97	.97	1.93	-	30	30	113	207,141	5	4	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	8,446	1	1			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	102,523	2	1			
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3,816	1	1			
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	53,796	1	-			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	81,934	4	1			
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,176	1	-			
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	10,846	1	-			
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	22,123	1	-			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,870	2	-			
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,033	1	-			
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	1	2	3	-	.68	.68	1.37	2.05	-	21	21	168	292,563	15	4
OFFICE:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,000	-	1			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	7,837	-	2			
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,245	-	1			
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5,539	-	1			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	14,232	-	2			
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	543	-	1			
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,688	-	1			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	691	-	2			
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	166	-	1			
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	35,941	-	12			

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		TOTAL	PARTIAL																	
MINERALS-CONTINUED:																				
GRAND TOTAL OR AVERAGE:																				
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	9,446	1	2	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	110,360	2	3	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,061	1	2	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	59,335	1	1	
NORTH CAROLINA-----	-	-	-	1	1	1	-	-	2.08	2.08	-	2.08	-	64	64	49	96,166	4	3	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,176	1	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	17.56	17.56	-	-	-	-	8	11,389	1	1	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	25,811	1	1	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7,561	2	2	
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,199	1	1	
TOTAL OR AVERAGE----	-	-	-	1	1	1	2	3	-	.61	.61	1.22	1.83	-	19	19	194	328,504	15	16
OIL SAND/SHALE:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	10,057	1	-	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	10,057	1	-	
SURFACE AT UNDERGROUND:																				
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	13,089	1	1	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	13,089	1	1	
TOTAL OR AVERAGE, UG:																				
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	23,146	2	1	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	23,146	2	1	
SURFACE MINES:																				
OPEN PIT:																				
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,227	1	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5,916	1	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	15,371	1	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3,188	1	-	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	27,702	4	-	
TOTAL OR AVERAGE, SURFACE:																				
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,227	1	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5,916	1	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	15,371	1	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3,188	1	-	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	27,702	4	-	

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		TOTAL	PARTIAL																	
OIL SAND/SHALE-CONTINUED:																				
TOTAL OR AVERAGE, MINING:																				
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,227	1	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5,916	1	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	15,371	1	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3,188	1	-	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	23,146	2	1	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	50,848	6	1	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,227	1	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5,916	1	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	15,371	1	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3,188	1	-	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	23,146	2	1	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	50,848	6	1	
OFFICE:																				
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	56	-	1	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,660	-	1	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	200	-	2	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1,916	-	4	
GRAND TOTAL OR AVERAGE:																				
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,227	1	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5,972	1	1	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	15,371	1	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	4,848	1	1	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	23,346	2	3	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	52,764	6	5	
PERLITE:																				
SURFACE MINES:																				
OPEN PIT:																				
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,029	1	-	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	38,145	3	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	8,465	1	-	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	1	1	-	-	4.11	4.11	-	-	32	48,639	5	-	

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT	TEMPO- RARY	TOTAL NFDL																	
		TOTAL	PARTIAL																		
PERLITE-CONTINUED:																					
TOTAL OR AVERAGE, SURFACE:																					
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,029	1	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	38,145	3	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	8,465	1	-		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	1	1	-	-	4.11	4.11	-	-	-	32	48,639	5	-	
TOTAL OR AVERAGE, MINING:																					
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,029	1	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	38,145	3	-		
OREGON-----	-	-	-	-	-	-	-	1	1	-	-	23.63	23.63	-	-	-	4	8,465	1	-	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	4.11	4.11	-	-	-	32	48,639	5	-	
PROCESSING PLANTS:																					
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	10,722	1	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	7,513	1	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	11,572	-	1		
NEW MEXICO-----	-	-	-	1	1	1	1	2	-	2.81	2.81	2.81	5.62	-	-	62	71,169	-	2		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	32,219	-	1		
TOTAL OR AVERAGE----	-	-	-	1	1	1	1	2	-	1.50	1.50	1.50	3.00	-	-	33	33	68	133,195	2	4
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																					
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	10,722	1	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	7,513	1	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	13,601	1	-		
NEW MEXICO-----	-	-	-	1	1	1	1	2	-	1.83	1.83	1.83	3.66	-	-	40	109,314	3	2		
OREGON-----	-	-	-	-	-	-	-	1	1	-	-	4.92	4.92	-	-	-	21	40,684	1	-	
TOTAL OR AVERAGE----	-	-	-	1	1	1	1	2	-	1.10	1.10	2.20	3.30	-	-	24	24	100	181,834	7	4
OFFICE:																					
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,836	-	1		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,888	-	1		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2,145	-	1		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	16,900	-	2		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,793	-	1		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	30,562	-	6		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		TOTAL	PARTIAL																		
PERLITE-CONTINUED:																					
GRAND TOTAL OR AVERAGE:																					
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	14,558	1	1		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	9,401	1	1		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	15,746	1	2		
NEW MEX CO-----	-	-	-	1	1	1	2	-	1.58	1.58	1.58	3.17	-	35	35	69	126,214	3	4		
OREGON-----	-	-	-	-	-	-	1	-	4.30	4.30	4.30	4.30	-	-	-	24	46,477	1	2		
TOTAL OR AVERAGE----	-	-	-	1	1	1	2	3	.94	.94	1.88	2.82	-	21	21	116	212,396	7	10		
PHOSPHATE:																					
SURFACE MINES:																					
OPEN PIT:																					
FLORIDA-----	-	-	-	18	18	18	3	21	-	1.96	1.96	.33	2.29	-	141	141	803	1,834,715	6	-	
IDAHO-----	-	-	-	1	1	1	-	1	.36	.36	-	.36	-	15	15	271	554,224	5	-		
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	.40	.40	-	.40	-	3	3	212	500,773	1	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	141,222	1	-		
TOTAL OR AVERAGE----	-	-	-	20	20	20	3	23	-	1.32	1.32	.20	1.52	-	88	88	1,356	3,030,934	13	-	
DREDGE:																					
FLORIDA-----	-	-	-	3	3	3	-	3	-	2.90	2.90	-	2.90	-	153	153	96	206,949	1	-	
TOTAL OR AVERAGE----	-	-	-	3	3	3	-	3	-	2.90	2.90	-	2.90	-	153	153	96	206,949	1	-	
TOTAL OR AVERAGE, SURFACE:																					
FLORIDA-----	-	-	-	21	21	21	3	24	-	2.06	2.06	.29	2.35	-	142	142	899	2,041,664	7	-	
IDAHO-----	-	-	-	1	1	1	-	1	.36	.36	-	.36	-	15	15	271	554,224	5	-		
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	.40	.40	-	.40	-	3	3	212	500,773	1	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	141,222	1	-		
TOTAL OR AVERAGE----	-	-	-	23	23	23	3	26	-	1.42	1.42	.19	1.61	-	92	92	1,452	3,237,883	14	-	
TOTAL OR AVERAGE, MINING:																					
FLORIDA-----	-	-	-	21	21	21	3	24	-	2.06	2.06	.29	2.35	-	142	142	899	2,041,664	7	-	
IDAHO-----	-	-	-	1	1	1	-	1	.36	.36	-	.36	-	15	15	271	554,224	5	-		
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	.40	.40	-	.40	-	3	3	212	500,773	1	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	141,222	1	-		
TOTAL OR AVERAGE----	-	-	-	23	23	23	3	26	-	1.42	1.42	.19	1.61	-	92	92	1,452	3,237,883	14	-	
PROCESSING PLANTS:																					
FLORIDA-----	-	-	-	3	3	3	1	4	-	.57	.57	.19	.76	-	80	80	476	1,049,786	-	6	
IDAHO-----	-	-	-	1	1	1	1	2	-	2.94	2.94	2.94	5.87	-	6	6	37	68,098	-	1	
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	.77	.77	-	.77	-	23	23	110	260,449	-	1		
UTAH-----	-	-	-	2	2	2	-	2	-	2.67	2.67	-	2.67	-	48	48	70	149,577	-	1	
TOTAL OR AVERAGE----	-	-	-	7	7	7	2	9	-	.92	.92	.26	1.18	-	64	64	693	1,527,910	-	9	

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
	TOTAL	PARTIAL																		
PHOSPHATE-CONTINUED: TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
FLORIDA-----	-	-	-	24	24	24	4	28	-	1.55	1.55	.26	1.81	-	121	121	1,375	3,091,450	7	6
IDAHO-----	-	-	-	2	2	2	1	3	-	.64	.64	.32	.96	-	14	14	308	622,322	5	1
NORTH CAROLINA-----	-	-	-	2	2	2	-	2	-	.53	.53	-	.53	-	10	10	322	761,222	1	1
UTAH-----	-	-	-	2	2	2	-	2	-	1.38	1.38	-	1.38	-	25	25	140	290,799	1	1
TOTAL OR AVERAGE----	-	-	-	30	30	30	5	35	-	1.26	1.26	.21	1.47	-	83	83	2,145	4,765,793	14	9
OFFICE:																				
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	210	355,768	-	6
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	102,488	-	5
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77	263,347	-	1
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	14,570	-	1
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	361	736,173	-	13
GRAND TOTAL OR AVERAGE:																				
FLORIDA-----	-	-	-	24	24	24	4	28	-	1.39	1.39	.23	1.62	-	108	108	1,585	3,447,218	7	12
IDAHO-----	-	-	-	2	2	2	1	3	-	.55	.55	.28	.83	-	12	12	374	724,810	5	6
NORTH CAROLINA-----	-	-	-	2	2	2	-	2	-	.39	.39	-	.39	-	7	7	399	1,024,569	1	2
UTAH-----	-	-	-	2	2	2	-	2	-	1.31	1.31	-	1.31	-	24	24	148	305,369	1	2
TOTAL OR AVERAGE----	-	-	-	30	30	30	5	35	-	1.09	1.09	.18	1.27	-	72	72	2,506	5,501,966	14	22
PIGMENT:																				
SURFACE MINES:																				
OPEN PIT:																				
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,213	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,213	1	-
TOTAL OR AVERAGE, SURFACE:																				
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,213	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,213	1	-
TOTAL OR AVERAGE, MINING:																				
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,213	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,213	1	-

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		TOTAL	PARTIAL																	
PIGMENT-CONTINUED: PROCESSING PLANTS:																				
TEXAS-----	-	-	-	1	1	1	1	-	2.21	2.21	-	4.67	2.21	-	20	20	65	90,489	1	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	42,847	1	-
TOTAL OR AVERAGE----	-	-	-	1	1	1	1	2	-	1.50	1.50	1.50	3.00	-	13	13	84	133,336	2	-
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	2.21	2.21	-	2.21	2.21	-	-	-	3	5,213	1	-
TEXAS-----	-	-	-	1	1	1	1	-	-	-	-	4.67	4.67	-	20	20	65	90,489	1	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	42,847	1	-
TOTAL OR AVERAGE----	-	-	-	1	1	1	1	2	-	1.44	1.44	1.44	2.89	-	13	13	87	138,549	3	-
OFFICE:																				
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	25,381	-	1
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	23,192	-	1
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	48,573	-	2
GRAND TOTAL OR AVERAGE:																				
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	1.73	1.73	-	1.73	-	-	-	3	5,213	1	-
TEXAS-----	-	-	-	1	1	1	1	-	-	-	-	3.03	3.03	-	-	-	82	115,870	1	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	66,039	1	1
TOTAL OR AVERAGE----	-	-	-	1	1	1	1	2	-	1.07	1.07	1.07	2.14	-	10	10	116	187,122	3	2
POTASH:																				
UNDERGROUND MINES:																				
UNDERGROUND:																				
NEW MEXICO-----	-	-	-	10	10	10	8	18	-	1.44	1.44	1.15	2.58	-	148	148	662	1,392,934	3	-
TOTAL OR AVERAGE----	-	-	-	10	10	10	8	18	-	1.44	1.44	1.15	2.58	-	148	148	662	1,392,934	3	-
SURFACE AT UNDERGROUND:																				
NEW MEXICO-----	-	-	-	2	2	2	3	5	-	2.61	2.61	3.92	6.53	-	22	22	92	153,055	-	3
TOTAL OR AVERAGE----	-	-	-	2	2	2	3	5	-	2.61	2.61	3.92	6.53	-	22	22	92	153,055	-	3
TOTAL OR AVERAGE, UG:																				
NEW MEXICO-----	-	-	-	12	12	12	11	23	-	1.55	1.55	1.42	2.98	-	136	136	754	1,545,989	3	3
TOTAL OR AVERAGE----	-	-	-	12	12	12	11	23	-	1.55	1.55	1.42	2.98	-	136	136	754	1,545,989	3	3

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES	FATAL			NFDL	ALL FATAL AND NFDL		
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL		ALL FATAL AND NFDL			
		TOTAL	PARTIAL																			
POTASH-CONTINUED:																						
SURFACE MINES:																						
OPEN PIT:																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,548	1	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	7,347	1	-	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	12,895	2	-	
TOTAL OR AVERAGE, SURFACE:																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,548	1	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	7,347	1	-	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	12,895	2	-	
TOTAL OR AVERAGE, MINING:																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,548	1	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	7,347	1	-	
NEW MEX CO-----	-	-	-	12	12	12	11	23	-	1.55	1.55	1.42	2.98	-	136	136	754	1,545,989	3	3		
TOTAL OR AVERAGE----	-	-	-	12	12	12	11	23	-	1.54	1.54	1.41	2.95	-	134	134	763	1,558,884	5	3		
PROCESSING PLANTS:																						
KANSAS-----	-	-	-	-	1	1	1	5	6	-	.22	.22	1.11	1.33	-	3	3	460	5,017	-	1	
NEW MEX CO-----	-	-	-	-	1	1	1	5	6	-	.22	.22	1.10	1.32	-	3	3	463	904,857	2	3	
TOTAL OR AVERAGE----	-	-	-	1	1	1	5	6	-	.22	.22	1.10	1.32	-	3	3	463	909,874	2	4		
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	10,565	1	1	
NEVADA-----	-	-	-	-	13	13	13	16	29	-	1.06	1.06	1.31	2.37	-	87	87	1,214	2,450,846	5	6	
NEW MEX CO-----	-	-	-	13	13	13	16	29	-	1.05	1.05	1.30	2.35	-	86	86	1,226	2,468,758	7	7		
TOTAL OR AVERAGE----	-	-	-	13	13	13	16	29	-	1.05	1.05	1.30	2.35	-	86	86	1,226	2,468,758	7	7		
OFFICE:																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,916	-	1	
NEW MEX CO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	292	568,638	-	4	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	293	570,554	-	5	
GRAND TOTAL OR AVERAGE:																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	12,481	1	2	
NEVADA-----	-	-	-	-	13	13	13	16	29	-	.86	.86	1.06	1.92	-	70	70	1,506	3,019,484	5	10	
NEW MEX CO-----	-	-	-	13	13	13	16	29	-	.86	.86	1.05	1.91	-	70	70	1,519	3,039,312	7	12		
TOTAL OR AVERAGE----	-	-	-	13	13	13	16	29	-	.86	.86	1.05	1.91	-	70	70	1,519	3,039,312	7	12		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL						
		TOTAL	PARTIAL																				
PUMICE:																							
SURFACE MINES:																							
OPEN PIT:																							
CALIFORNIA-----	-	-	-	-	1	1	1	-	1	-	7.96	7.96	-	7.96	-	223	223	19	25,133	5	-	-	
IDAHO-----	-	-	-	-	1	1	1	-	1	-	27.54	27.54	-	27.54	-	2,616	2,616	5	7,263	1	-	-	
NEVADA-----	-	-	-	-	1	1	1	-	1	-	11.48	11.48	-	11.48	-	379	379	8	17,419	1	-	-	
NEW MEXICO-----	-	-	-	-	2	2	2	-	2	-	18.03	18.03	-	18.03	-	865	865	18	22,184	6	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,393	2	-	-	
TOTAL OR AVERAGE----	-	-	-	-	5	5	5	-	5	-	12.92	12.92	-	12.92	-	651	651	53	77,392	15	-	-	
TOTAL OR AVERAGE, SURFACE:																							
CALIFORNIA-----	-	-	-	-	1	1	1	-	1	-	7.96	7.96	-	7.96	-	223	223	19	25,133	5	-	-	
IDAHO-----	-	-	-	-	1	1	1	-	1	-	27.54	27.54	-	27.54	-	2,616	2,616	5	7,263	1	-	-	
NEVADA-----	-	-	-	-	1	1	1	-	1	-	11.48	11.48	-	11.48	-	379	379	8	17,419	1	-	-	
NEW MEXICO-----	-	-	-	-	2	2	2	-	2	-	18.03	18.03	-	18.03	-	865	865	18	22,184	6	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,393	2	-	-	
TOTAL OR AVERAGE----	-	-	-	-	5	5	5	-	5	-	12.92	12.92	-	12.92	-	651	651	53	77,392	15	-	-	
TOTAL OR AVERAGE, MINING:																							
CALIFORNIA-----	-	-	-	-	1	1	1	-	1	-	7.96	7.96	-	7.96	-	223	223	19	25,133	5	-	-	
IDAHO-----	-	-	-	-	1	1	1	-	1	-	27.54	27.54	-	27.54	-	2,616	2,616	5	7,263	1	-	-	
NEVADA-----	-	-	-	-	1	1	1	-	1	-	11.48	11.48	-	11.48	-	379	379	8	17,419	1	-	-	
NEW MEXICO-----	-	-	-	-	2	2	2	-	2	-	18.03	18.03	-	18.03	-	865	865	18	22,184	6	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,393	2	-	-	
TOTAL OR AVERAGE----	-	-	-	-	5	5	5	-	5	-	12.92	12.92	-	12.92	-	651	651	53	77,392	15	-	-	
PROCESSING PLANTS:																							
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	10,353	-	1	-	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	74,759	2	-	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,784	1	-	-	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	25,816	1	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2,433	-	1	-	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	117,145	4	2	-	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
CALIFORNIA-----	-	-	-	-	1	1	1	-	1	-	5.64	5.64	-	5.64	-	158	158	25	35,486	5	1	-	
IDAHO-----	-	-	-	-	1	1	1	-	1	-	2.44	2.44	-	2.44	-	232	232	49	82,022	3	-	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,784	1	-	-	
NEVADA-----	-	-	-	-	1	1	1	-	1	-	11.48	11.48	-	11.48	-	379	379	8	17,419	1	-	-	
NEW MEXICO-----	-	-	-	-	2	2	2	-	2	-	8.33	8.33	-	8.33	-	400	400	31	48,000	7	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	7,826	2	1	-	
TOTAL OR AVERAGE----	-	-	-	-	5	5	5	-	5	-	5.14	5.14	-	5.14	-	259	259	120	194,537	19	2	-	

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES	FATAL			NFDL	ALL FATAL AND NFDL		
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL		ALL FATAL AND NFDL			
		TOTAL	PARTIAL																			
PUMICE-CONTINUED:																						
OFFICE:																						
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	18,859	-	5
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	27,428	-	1
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	906	-	1
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	861	-	1
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,538	-	2
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4,352	-	1
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	59,944	-	11
GRAND TOTAL OR AVERAGE:																						
CALIFORNIA-----	-	-	-	-	1	1	1	-	1	-	3.68	3.68	-	3.68	-	103	103	35	54,345	5	6	
IDAHO-----	-	-	-	-	1	1	1	-	1	-	1.83	1.83	-	1.83	-	174	174	68	109,450	3	1	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4,690	1	1	
NEVADA-----	-	-	-	-	1	1	1	-	1	-	10.94	10.94	-	10.94	-	361	361	9	18,280	1	1	
NEW MEXICO-----	-	-	-	-	2	2	2	-	2	-	7.20	7.20	-	7.20	-	346	346	35	55,538	7	2	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	12,178	2	2	
TOTAL OR AVERAGE----	-	-	-	-	5	5	5	-	5	-	3.93	3.93	-	3.93	-	198	198	158	254,481	19	13	
SALT:																						
UNDERGROUND MINES:																						
UNDERGROUND:																						
KANSAS-----	-	-	-	1	2	2	2	-	4	-	3.05	3.05	3.05	6.10	-	95	95	69	131,198	3	-	
LOUISIANA-----	-	-	-	7	7	8	8	-	10	-	2.73	2.73	.68	3.42	-	241	241	307	585,563	3	-	
MICHIGAN-----	-	-	-	-	7	7	7	-	9	-	3.14	3.14	.90	4.03	-	72	72	23	64,340	-	-	
NEW YORK-----	-	-	-	3	3	3	3	-	3	-	1.69	1.69	-	1.69	-	102	102	193	446,559	2	-	
OHIO-----	-	-	-	-	1	1	1	-	1	-	2.09	2.09	-	2.09	-	4	4	41	354,157	2	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	95,826	2	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27,762	1	-	
TOTAL OR AVERAGE----	-	-	1	20	21	21	7	28	-	2.46	2.46	.82	3.28	-	130	130	896	1,705,405	14	-		
SURFACE AT UNDERGROUND:																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	3.67	3.67	1.84	5.51	-	496	496	6	10,210	-	1	
LOUISIANA-----	-	-	-	-	2	2	2	-	1	-	1.19	1.19	-	1.19	-	128	128	66	108,849	-	3	
MICHIGAN-----	-	-	-	-	1	1	1	-	1	-	1.54	1.54	-	1.54	-	128	128	15	44,173	-	1	
NEW YORK-----	-	-	-	-	4	4	4	-	4	-	62.89	62.89	8.64	8.64	17.29	1,399	1,399	90	167,678	-	2	
OHIO-----	-	-	-	-	1	1	1	-	2	-	8.64	8.64	8.64	8.64	-	1,815	1,815	5	130,213	-	2	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	12,721	-	2	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	23,138	-	1	
TOTAL OR AVERAGE----	-	-	-	8	8	8	3	11	-	3.22	3.22	1.21	4.43	-	272	272	262	496,982	-	12		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT		TEMPO- RARY																		
		TOTAL	PARTIAL																			
SALT-CONTINUED:																						
TOTAL OR AVERAGE, UG:																						
KANSAS	-	-	-	1	2	2	2	-	2.83	2.83	2.83	.86	5.66	-	88	88	75	141,408	3	1		
LOUISIANA	-	-	-	1	9	10	10	3	2.88	2.88	2.88	.86	3.74	-	281	281	373	694,412	3	3		
MICHIGAN	-	-	-	-	-	-	1	1	-	-	1.84	1.84	-	-	-	-	-	38	108,513	1	1	
NEW YORK	-	-	-	8	8	8	8	2	2.60	2.60	2.60	.65	3.26	-	87	87	339	614,237	2	2		
OHIO	-	-	-	3	3	3	3	1	1.24	1.24	1.24	.41	1.65	-	74	74	260	484,370	2	2		
TEXAS	-	-	-	5	5	5	5	1	9.21	9.21	9.21	-	9.21	-	168	168	46	108,547	2	2		
UTAH	-	-	-	1	1	1	1	1	3.93	3.93	3.93	3.93	7.86	-	825	825	27	50,900	1	1		
TOTAL OR AVERAGE----	-	-	1	28	29	29	10	39	-	2.63	2.63	.91	3.54	-	162	162	1,158	2,202,387	14	12		
SURFACE MINES:																						
OPEN PIT:																						
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,280	1	-	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,280	1	-	
OTHER SURFACE:																						
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	82,646	2	-	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	82,646	2	-	
TOTAL OR AVERAGE, SURFACE:																						
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,280	1	-	
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	82,646	2	-	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	83,926	3	-	
TOTAL OR AVERAGE, MINING:																						
KANSAS	-	-	-	1	2	2	2	2	2.83	2.83	2.83	.86	5.66	-	88	88	75	141,408	3	1		
LOUISIANA	-	-	-	1	9	10	10	3	2.88	2.88	2.88	.86	3.74	-	281	281	373	694,412	3	3		
MICHIGAN	-	-	-	-	-	-	1	1	-	-	1.84	1.84	-	-	-	-	-	38	108,513	1	1	
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,280	1	-	
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	82,646	2	-	
NEW YORK	-	-	-	8	8	8	8	2	2.60	2.60	.65	3.26	-	87	87	339	614,237	2	2			
OHIO	-	-	-	3	3	3	3	1	1.24	1.24	.41	1.65	-	74	74	260	484,370	2	2			
TEXAS	-	-	-	5	5	5	5	1	9.21	9.21	9.21	-	9.21	-	168	168	46	108,547	2	2		
UTAH	-	-	-	1	1	1	1	1	3.93	3.93	3.93	3.93	7.86	-	825	825	27	50,900	1	1		
TOTAL OR AVERAGE----	-	-	1	28	29	29	10	39	-	2.54	2.54	.87	3.41	-	156	156	1,202	2,286,313	17	12		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
	TOTAL	PARTIAL																		
SALT--CONTINUED: PROCESSING PLANTS:																				
KANSAS-----	-	-	-	-	2	2	2	-	3.05	3.05	-	3.05	-	218	218	67	131,154	-	3	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	119,708	-	2	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2,242	-	1	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	108,202	1	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	10,976	-	1	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	29,078	-	1	
TEXAS-----	-	-	-	-	1	1	1	2	.49	.49	.49	.99	-	38	38	189	404,516	-	2	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	63,163	-	1	
TOTAL OR AVERAGE----	-	-	-	3	3	3	1	4	.69	.69	.23	.92	-	50	50	431	869,039	1	11	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																				
KANSAS-----	-	-	-	4	4	4	2	6	-	2.94	2.94	1.47	4.40	-	150	150	142	272,562	3	4
LOUISIANA-----	-	-	1	9	10	10	3	13	-	2.46	2.46	.74	3.19	-	240	240	435	814,120	3	5
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	-	1.84	1.84	-	-	-	38	108,513	1	1
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3,522	1	1	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91	190,848	3	-	
NEW YORK-----	-	-	-	8	8	8	2	10	-	2.56	2.56	.64	3.20	-	86	86	345	625,213	2	3
OHIO-----	-	-	-	3	3	3	1	4	-	1.17	1.17	.39	1.56	-	70	70	277	513,448	2	3
TEXAS-----	-	-	-	6	6	6	1	7	-	2.34	2.34	.39	2.73	-	65	65	235	513,063	2	4
UTAH-----	-	-	-	1	1	1	1	2	-	1.75	1.75	1.75	3.51	-	368	368	64	114,063	1	2
TOTAL OR AVERAGE----	-	-	1	31	32	32	11	43	-	2.03	2.03	.70	2.73	-	127	127	1,633	3,155,352	18	23
OFFICE:																				
KANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	20	40,866	-	3	
LOUISIANA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	68	163,785	-	3	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	23,524	-	1	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,465	-	1	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	14,244	-	3	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	133,558	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	65,273	-	2	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	58,010	-	2	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	33,392	-	1	
TOTAL OR AVERAGE----	-	-	-	-	-	-	1	1	-	-	-	.37	.37	-	-	-	250	534,117	-	18

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT		TEMPO- RARY																		
		TOTAL	PARTIAL																			
SALT--CONTINUED:																						
GRAND TOTAL OR AVERAGE:																						
KANSAS-----	-	-	-	1	4	4	4	2	6	-	2.55	2.55	1.28	3.83	-	131	131	162	313,428	3	7	
LOUISIANA-----	-	-	-	1	9	10	10	4	14	-	2.05	2.05	.82	2.86	-	199	199	503	977,905	3	8	
MICHIGAN-----	-	-	-	-	-	-	-	1	1	-	-	-	1.51	1.51	-	-	-	51	132,037	1	2	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	4,987	1	2	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	205,092	3	3	
NEW YORK-----	-	-	-	8	8	8	8	2	10	-	2.11	2.11	.53	2.64	-	71	71	409	758,771	2	5	
OHIO-----	-	-	-	3	3	3	3	1	4	-	1.04	1.04	.35	1.38	-	62	62	305	578,721	2	5	
TEXAS-----	-	-	-	6	6	6	6	1	7	-	2.10	2.10	.35	2.45	-	58	58	263	571,073	2	6	
UTAH-----	-	-	-	1	1	1	1	1	2	-	1.36	1.36	1.36	2.71	-	285	285	83	147,455	1	3	
TOTAL OR AVERAGE----	-	-	1	31	32	32	12	44	-	1.73	1.73	.65	2.39	-	109	109	1,883	3,689,469	18	41		
SHALE:																						
SURFACE MINES:																						
OPEN PIT:																						
ALABAMA-----	1	-	-	-	-	-	1	-	1	5.67	-	5.67	-	5.67	34,016	-	34,016	19	35,277	4	-	
ARKANSAS-----	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	1	41	1	-	
COLORADO-----	-	-	-	1	1	1	1	-	1	-	3.65	3.65	-	3.65	-	73	73	28	54,733	2	-	
INDIANA-----	-	-	-	1	1	1	1	3	4	-	7.76	7.76	23.29	31.05	-	16	16	16	25,767	5	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6,328	2	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	32	2	-	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	26,585	1	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	10,826	1	-	
NEW YORK-----	-	-	-	4	4	4	1	-	5	-	14.37	14.37	3.59	17.96	-	420	420	34	55,672	7	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	1,196	3	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	19,440	5	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	9,561	2	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1,434	3	-	
TEXAS-----	-	-	-	2	2	2	-	-	2	-	8.99	8.99	-	8.99	-	27	27	24	44,509	3	-	
UTAH-----	-	-	-	1	1	1	-	-	1	-	30.26	30.26	-	30.26	-	242	242	7	6,609	3	-	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,732	2	-	
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	32	1	-	
TOTAL OR AVERAGE----	1	-	-	9	9	10	4	14	.67	6.00	6.67	2.67	9.34	4,003	102	4,105	196	299,774	47	-		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL		
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL				
	TOTAL	PARTIAL																			
SHALE-CONTINUED:																					
TOTAL OR AVERAGE, SURFACE:																					
ALABAMA-----	1	-	-	-	-	-	1	-	1	5.67	-	5.67	-	5.67	34,016	-	34,016	19	35,277	4	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	41	1	-
COLORADO-----	-	-	-	1	1	1	-	1	-	3.65	3.65	-	3.65	-	-	73	73	28	54,733	2	-
INDIANA-----	-	-	1	1	1	3	4	-	7.76	7.76	23.29	31.05	-	-	-	16	16	25,767	5	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6,328	2	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	32	2	-	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	26,585	1	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	10,826	1	-	
NEW YORK-----	-	-	-	4	4	4	1	5	-	14.37	14.37	3.59	17.96	-	-	420	420	34	55,672	7	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	1,196	3	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	19,440	5	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	9,561	2	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1,434	3	-	
TEXAS-----	-	-	-	2	2	2	-	2	-	8.99	8.99	-	8.99	-	-	27	27	24	44,509	3	-
UTAH-----	-	-	1	1	1	-	1	-	30.26	30.26	-	30.26	-	-	242	242	7	6,609	3	-	
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,732	2	-	
TOTAL OR AVERAGE----	1	-	-	9	9	10	4	14	.67	6.00	6.67	2.67	9.34	4,003	102	4,105	196	299,774	47	-	
TOTAL OR AVERAGE, MINING:																					
ALABAMA-----	1	-	-	-	-	-	1	-	1	5.67	-	5.67	-	5.67	34,016	-	34,016	19	35,277	4	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	41	1	-	
COLORADO-----	-	-	1	1	1	1	1	4	-	3.65	3.65	-	3.65	-	-	73	73	28	54,733	2	-
INDIANA-----	-	-	1	1	1	3	4	-	7.76	7.76	23.29	31.05	-	-	-	16	16	25,767	5	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6,328	2	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	32	2	-	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	26,585	1	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	10,826	1	-	
NEW YORK-----	-	-	4	4	4	1	5	-	14.37	14.37	3.59	17.96	-	-	420	420	34	55,672	7	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	1,196	3	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	19,440	5	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	9,561	2	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1,434	3	-	
TEXAS-----	-	-	2	2	2	-	2	-	8.99	8.99	-	8.99	-	-	27	27	24	44,509	3	-	
UTAH-----	-	-	1	1	1	-	1	-	30.26	30.26	-	30.26	-	-	242	242	7	6,609	3	-	
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,732	2	-	
TOTAL OR AVERAGE----	1	-	-	9	9	10	4	14	.67	6.00	6.67	2.67	9.34	4,003	102	4,105	196	299,774	47	-	

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT		TEMPO- RARY																		
		TOTAL	PARTIAL																			
SHALE-CONTINUED: PROCESSING PLANTS:																						
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	1	-		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	53,987	-	1		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	37,625	-	2		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	48,988	-	1		
NEW YORK-----	-	-	-	1	4	5	5	1	6	-	7.09	7.09	1.42	8.51	-	1,433	67	140,985	-	2		
NORTH CAROLINA-----	-	-	-	-	2	2	2	3	5	-	2.55	2.55	3.82	6.36	-	37	37	157,118	1	-		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	37,123	-	1		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	15,442	1	-		
TEXAS-----	-	-	-	6	6	6	-	-	6	-	10.59	10.59	-	10.59	-	372	372	58	113,341	-	1	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	63,523	-	2		
VIRGINIA-----	-	-	-	-	1	1	1	-	1	-	99.99	99.99	-	99.99	-	10,143	10,143	1	1,814	1	-	
TOTAL OR AVERAGE----	-	-	1	13	14	14	5	19	-	4.18	4.18	1.49	5.67	-	401	401	344	669,952	4	10		
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																						
ALABAMA-----	1	-	-	-	-	-	1	-	1	5.67	-	5.67	-	5.67	34,016	-	34,016	19	35,277	4	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	41	1	-		
COLORADO-----	-	-	-	1	1	1	-	-	1	-	3.65	3.65	-	3.65	-	73	73	28	54,733	2	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	1	-		
INDIANA-----	-	-	-	1	1	1	3	4	-	2.51	2.51	7.52	10.03	-	5	5	43	79,754	5	1		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	43,953	2	2		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	32	2	-		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	26,585	1	-		
MISSOURI-----	-	-	-	-	-	-	1	1	-	-	3.34	3.34	-	-	-	-	31	59,814	1	1		
NEW YORK-----	-	-	1	8	9	9	2	11	-	9.15	9.15	2.03	11.19	-	1,146	1,146	101	196,657	7	2		
NORTH CAROLINA-----	-	-	-	2	2	2	3	5	-	2.53	2.53	3.79	6.32	-	37	37	95	158,314	4	-		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	56,563	5	1		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	25,003	3	-		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1,434	3	-		
TEXAS-----	-	-	-	8	8	8	-	8	-	10.14	10.14	-	10.14	-	275	275	82	157,850	3	1		
UTAH-----	-	-	1	1	1	-	1	-	-	2.85	2.85	-	2.85	-	23	23	40	70,132	3	2		
VIRGINIA-----	-	-	1	1	1	-	1	-	-	56.40	56.40	-	56.40	-	5,189	5,189	4	3,546	3	-		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	32	1	-		
TOTAL OR AVERAGE----	1	-	1	22	23	24	9	33	.21	4.74	4.95	1.86	6.81	1,237	308	1,546	540	969,726	51	10		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		TOTAL	PARTIAL																	
SHALE-CONTINUED:																				
OFFICE:																				
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	7,084	2	4	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	24	-	1	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	13,313	-	2	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	83	2	1	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5,357	-	2	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	6,403	1	2	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5,485	-	1	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,160	-	1	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	27,391	-	5	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,111	-	4	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6,125	-	2	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	60	-	1	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	124	-	1	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,799	-	2	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	23,616	-	2	
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	630	-	2	
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	26	-	1	
GRAND TOTAL OR AVERAGE:																90	110,791	6	33	
ALABAMA-----	1	-	-	-	-	-	1	-	4.72	-	4.72	-	4.72	28,328	-	28,328	29	42,361	6	4
ARKANSAS-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	3	65	1	1	
COLORADO-----	-	-	-	1	1	1	-	-	2.94	2.94	-	2.94	-	-	-	59	68,046	2	2	
GEORGIA-----	-	-	-	1	1	1	-	-	2.35	2.35	7.05	9.40	-	-	-	4	89	3	1	
INDIANA-----	-	-	-	1	1	1	3	4	-	-	-	-	-	-	-	5	85,111	5	3	
KENTUCKY-----	-	-	-	1	1	1	-	-	2.35	2.35	-	-	-	-	-	37	50,356	3	4	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	32	-	-	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	32,070	1	1	
MISSOURI-----	-	-	-	1	8	9	9	1	-	8.03	8.03	1.79	9.82	-	-	1,006	1,006	117	224,048	7
NEW YORK-----	-	-	-	2	2	2	2	2	-	2.48	2.48	3.72	6.19	-	-	36	36	100	161,425	4
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	62,688	5	3	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	25,063	3	1	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1,434	3	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	124	-	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	58	1	1	
TEXAS-----	-	-	8	8	8	-	8	-	9.66	9.66	-	9.66	-	-	-	262	262	86	165,649	3
UTAH-----	-	-	1	1	1	-	1	-	2.13	2.13	-	2.13	-	-	-	17	17	53	93,748	3
VIRGINIA-----	-	-	1	1	1	-	1	-	47.89	47.89	-	47.89	-	-	-	4,406	4,406	6	4,176	3
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	58	1	1	
TOTAL OR AVERAGE----	1	-	1	22	23	24	9	33	.19	4.26	4.44	1.67	6.11	1,111	277	1,387	630	1,080,517	57	43
SODIUM COMPOUNDS: UNDERGROUND MINES: UNDERGROUND:																				
WYOMING-----	-	-	-	15	15	15	6	21	-	1.94	1.94	.78	2.71	-	99	99	758	1,547,369	4	-
TOTAL OR AVERAGE----	-	-	-	15	15	15	6	21	-	1.94	1.94	.78	2.71	-	99	99	758	1,547,369	4	-

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL				
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		TOTAL	PARTIAL																		
SODIUM COMPOUNDS--CONTINUED:																					
SURFACE AT UNDERGROUND:																					
WYOMING-----	-	-	-	-	2	2	2	4	6	-	8.72	8.72	17.45	26.17	-	650	650	20	45,855	-	4
TOTAL OR AVERAGE----	-	-	-	-	2	2	2	4	6	-	8.72	8.72	17.45	26.17	-	650	650	20	45,855	-	4
TOTAL OR AVERAGE, UG:																					
WYOMING-----	-	-	-	-	17	17	17	10	27	-	2.13	2.13	1.26	3.39	-	115	115	778	1,593,224	4	4
TOTAL OR AVERAGE----	-	-	-	-	17	17	17	10	27	-	2.13	2.13	1.26	3.39	-	115	115	778	1,593,224	4	4
SURFACE MINES:																					
OPEN PIT:																					
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,194	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,194	1	-
TOTAL OR AVERAGE, SURFACE:																					
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,194	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,194	1	-
TOTAL OR AVERAGE, MINING:																					
CALIFORNIA-----	-	-	-	-	17	17	17	10	27	-	2.13	2.13	1.26	3.39	-	115	115	778	7,194	1	-
WYOMING-----	-	-	-	-	17	17	17	10	27	-	2.12	2.12	1.25	3.37	-	114	114	782	1,593,224	4	4
TOTAL OR AVERAGE----	-	-	-	-	17	17	17	10	27	-	2.12	2.12	1.25	3.37	-	114	114	782	1,600,418	5	4
PROCESSING PLANTS:																					
UTAH-----	-	-	-	-	12	12	12	5	17	-	.92	.92	.38	1.30	-	59	59	1,213	2,608,400	1	-
WYOMING-----	-	-	-	-	12	12	12	5	17	-	.92	.92	.38	1.30	-	59	59	1,215	2,608,784	2	3
TOTAL OR AVERAGE----	-	-	-	-	12	12	12	5	17	-	.92	.92	.38	1.30	-	59	59	1,215	2,608,784	2	3
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																					
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,194	1	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	384	1	-
WYOMING-----	-	-	-	-	29	29	29	15	44	-	1.38	1.38	.71	2.09	-	80	80	1,991	4,201,624	5	7
TOTAL OR AVERAGE----	-	-	-	-	29	29	29	15	44	-	1.38	1.38	.71	2.09	-	80	80	1,997	4,209,202	7	7

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION				
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	INCIDENCE RATES			SEVERITY MEASURES												
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL								
		TOTAL	PARTIAL																				
SODIUM COMPOUNDS--CONTINUED:																							
OFFICE:																							
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	160	-	1	4			
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	271	560,756	-					
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	272	560,916	-		5			
GRAND TOTAL OR AVERAGE:																							
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	7,354	1	1	1			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	384	1					
WYOMING-----	-	-	-	29	29	29	15	44	-	1.22	1.22	.63	1.85	-	71	71	2,262	4,762,380	5	11			
TOTAL OR AVERAGE----	-	-	-	29	29	29	15	44	-	1.22	1.22	.63	1.84	-	71	71	2,269	4,770,118	7	12			
TALC-SOAPSTONE:																							
SURFACE MINES:																							
OPEN PIT:																							
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	960	1					
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	86,943	3					
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,049	1					
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	13,186	1					
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	26,605	1					
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,092	1					
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86	134,835	8					
TOTAL OR AVERAGE, SURFACE:																							
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	960	1					
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	86,943	3					
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,049	1					
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	13,186	1					
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	26,605	1					
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,092	1					
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86	134,835	8					
TOTAL OR AVERAGE, MINING:																							
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	960	1					
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	86,943	3					
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,049	1					
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	13,186	1					
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	26,605	1					
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,092	1					
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86	134,835	8					

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT		TEMPO- RARY																		
		TOTAL	PARTIAL																			
TALC-SOAPSTONE-CONTINUED: PROCESSING PLANTS:																						
MONTANA-----	-	-	-	-	1	1	1	1	1	7.80	7.80	7.80	15.60	-	250	250	132	290,950	3	-		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	25,638	-	1		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	31,113	-	1		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	107,185	3	-		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	27,562	-	1		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	62,894	1	-		
TOTAL OR AVERAGE----	-	-	-	1	1	1	3	4	-	.37	.37	1.10	1.47	-	12	12	248	545,342	7	3		
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																						
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	960	1	-		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	192	377,893	6	-		
NEW YORK-----	-	-	-	1	1	1	1	2	-	7.49	7.49	7.49	14.99	-	240	240	15	26,687	1	1		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	44,299	1	-		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	133,790	4	-		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	33,654	1	1		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	62,894	1	-		
TOTAL OR AVERAGE----	-	-	-	1	1	1	3	4	-	.29	.29	.88	1.18	-	9	9	334	680,177	15	3		
OFFICE:																						
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	960	-	1		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	121,284	-	6		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	11,194	-	1		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,418	-	1		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	36,905	-	4		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	16,035	-	1		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	16,384	-	1		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113	212,180	-	15		
GRAND TOTAL OR AVERAGE:																						
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1,920	1	1		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	256	499,177	6	6		
NEW YORK-----	-	-	-	1	1	1	1	2	-	5.28	5.28	5.28	10.56	-	169	169	21	37,881	1	2		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	53,717	1	2		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	170,695	4	4		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	49,689	1	2		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	79,278	1	1		
TOTAL OR AVERAGE----	-	-	-	1	1	1	3	4	-	.22	.22	.67	.90	-	7	7	447	892,357	15	18		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES	FATAL			NFDL	ALL FATAL AND NFDL		
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES			FATAL	NFDL	ALL FATAL AND NFDL		ALL FATAL AND NFDL		
		TOTAL	PARTIAL																			
VERMICULITE:																						
SURFACE MINES:																						
OPEN PIT:																						
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	36,719	1	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	15,701	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	52,420	2	-
TOTAL OR AVERAGE, SURFACE:																						
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	36,719	1	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	15,701	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	52,420	2	-
TOTAL OR AVERAGE, MINING:																						
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	36,719	1	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	15,701	1	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	52,420	2	-
PROCESSING PLANTS:																						
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	45,225	-	1
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	26,545	-	1
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	71,770	-	2
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																						
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	81,944	1	1
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	42,246	1	1
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	124,190	2	2
OFFICE:																						
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	7,410	-	1
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,478	-	1
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	13,888	-	2
GRAND TOTAL OR AVERAGE:																						
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	89,354	1	2
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	48,724	1	2
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	138,078	2	4

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		TOTAL	PARTIAL																	
WOLLASTONITE-STAUROLITE: SURFACE MINES: OPEN PIT:																				
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	21,180	3	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3,650	1	-	
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	31,936	4	-	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	875	1	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	41,682	4	-	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	1,440	1	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	14	1	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	45,314	3	-	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	64	1	-	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	28,836	4	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	11,804	1	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	67,926	6	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	11,899	3	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	108	1	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	952	1	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	4,763	2	-	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,985	1	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	25,578	4	-	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	19,094	3	-	
WYOMING-----	-	-	-	-	9	9	9	2	11	-	4.84	4.84	1.08	5.92	-	245	245	174	371,806	9
TOTAL OR AVERAGE----	-	-	-	9	9	9	2	11	-	2.59	2.59	.58	3.17	-	131	131	400	694,844	55	-
DREDGE: FLORIDA-----	-	-	-	-	-	-	1	1	-	-	-	14.44	14.44	-	-	-	9	13,847	2	-
TOTAL OR AVERAGE----	-	-	-	-	-	-	1	1	-	-	-	14.44	14.44	-	-	-	9	13,847	2	-

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		TOTAL	PARTIAL																	
WOLASTNTE-STAU LT-CONTINUED: TOTAL OR AVERAGE, SURFACE:																				
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	21,180	3	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3,650	1	-	
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	31,936	4	-	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	875	1	-	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	13,847	2	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	41,682	4	-	
IAWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	1,440	1	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	14	1	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	45,314	3	-	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	64	1	-	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	28,836	4	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	11,804	1	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	67,926	6	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	11,899	3	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	952	1	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	4,763	2	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,985	1	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	25,578	4	-	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	19,094	3	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	371,806	9	-	-	
VIGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	174	371,806	9	-	
WYOMING-----	-	-	-	9	9	9	2	11	-	4.84	4.84	1.08	5.92	-	245	245	174	371,806	9	-
TOTAL OR AVERAGE----	-	-	-	9	9	9	3	12	-	2.54	2.54	.85	3.39	-	128	128	409	708,691	57	-
57																				
TOTAL OR AVERAGE, MINING:																				
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	21,180	3	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3,650	1	-	
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	31,936	4	-	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	875	1	-	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	13,847	2	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	41,682	4	-	
IAWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	1,440	1	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	14	1	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	45,314	3	-	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	64	1	-	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,938	1	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	28,836	4	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	11,804	1	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	67,926	6	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	11,899	3	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	952	1	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	4,763	2	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,985	1	-	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	25,578	4	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	19,094	3	-	
VIGINIA-----	-	-	-	9	9	9	2	11	-	4.84	4.84	1.08	5.92	-	245	245	174	371,806	9	-
WYOMING-----	-	-	-	9	9	9	2	11	-	4.84	4.84	1.08	5.92	-	128	128	409	708,691	57	-
TOTAL OR AVERAGE----	-	-	-	9	9	9	3	12	-	2.54	2.54	.85	3.39	-	128	128	409	708,691	57	-

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT		TEMPO- RARY																		
		TOTAL	PARTIAL																			
WOLASTNTE-STAUT IT-CONTINUED: PROCESSING PLANTS:																						
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	46,869	-	2		
FLORIDA-----	-	-	-	1	1	-	1	-	2.14	2.14	-	2.14	-	-	62	62	49	93,363	1	1		
GEORGIA-----	-	-	-	2	2	2	3	5	.35	.35	.53	.89	-	-	33	33	550	1,127,072	8	1		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	20,348	-	1		
MISSISSIPPI-----	-	-	-	1	1	1	1	1	.90	.90	-	.90	-	-	59	59	97	221,401	3	-		
MISSOURI-----	-	-	-	1	1	1	1	1	2.83	2.83	2.83	5.68	-	-	45	45	34	70,625	1	-		
NEVADA-----	-	-	-	1	1	1	1	1	4.09	4.09	-	4.09	-	-	12	12	27	48,932	1	1		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	49	-	1		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	720	-	1		
SOUTH CAROLINA-----	-	-	-	2	2	2	2	2	-	-	4.11	4.11	-	4.11	-	-	43	43	50	97,237	2	
SOUTH DAKOTA-----	-	-	-	1	1	1	1	1	-	-	3.48	3.48	-	3.48	-	-	70	70	47	57,460	1	
VERMONT-----	-	-	-	5	5	5	1	6	-	-	2.68	2.68	.54	3.22	-	-	111	111	163	372,996	-	
WYOMING-----	-	-	-	10	10	10	7	17	-	1.90	1.90	1.33	3.24	-	-	106	106	493	1,050,494	14		
TOTAL OR AVERAGE----	-	-	-	24	24	24	12	36	-	1.50	1.50	.75	2.24	-	-	69	69	1,548	3,207,566	31	10	
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	21,180	3	-		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3,650	1	-		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	78,805	4	2		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	875	1	-		
FLORIDA-----	-	-	-	1	1	1	1	2	-	1.87	1.87	1.87	3.73	-	-	54	54	58	107,210	3	1	
GEORGIA-----	-	-	-	2	2	2	3	5	.34	.34	.51	.86	-	-	32	32	577	1,168,754	12	1		
IAWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	1,440	1	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	14	1	-		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	65,662	3	1		
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	64	1	-		
MISSISSIPPI-----	-	-	-	1	1	1	1	1	-	.90	.90	-	.90	-	-	58	58	98	223,339	4	-	
MISSOURI-----	-	-	-	1	1	1	1	2	-	2.01	2.01	2.01	4.02	-	-	32	32	53	99,461	5	-	
NEVADA-----	-	-	-	1	1	1	1	1	-	3.29	3.29	-	3.29	-	-	10	10	35	60,736	2	1	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	67,975	6	1		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	11,899	3	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	828	1	1		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	982	1	-		
SOUTH CAROLINA-----	-	-	-	2	2	2	2	2	-	3.92	3.92	-	3.92	-	-	41	41	57	102,000	4	-	
SOUTH DAKOTA-----	-	-	-	1	1	1	1	1	-	3.48	3.48	-	3.48	-	-	70	70	47	57,460	1	-	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3,985	1	-		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	25,578	4	-		
VERMONT-----	-	-	-	5	5	5	1	6	-	2.55	2.55	.51	3.06	-	-	106	106	177	392,090	3	2	
WYOMING-----	-	-	-	19	19	19	9	28	-	2.67	2.67	1.27	3.94	-	-	142	142	667	1,422,300	23	-	
TOTAL OR AVERAGE----	-	-	-	33	33	33	15	48	-	1.69	1.69	.77	2.45	-	-	80	80	1,957	3,916,257	88	10	

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION				
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	INCIDENCE RATES			SEVERITY MEASURES												
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL								
		TOTAL	PARTIAL																				
WOLASTNTE-STAUT IT-CONTINUED:																							
OFFICE:																							
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,100	-	1					
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	18,041	-	3					
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	18,094	-	2					
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	248	485,735	1	10					
IAOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	80	-	1					
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	-	1					
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	29,156	-	3					
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4,165	-	1					
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	28,060	-	3					
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	15,900	-	2					
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4,990	-	2					
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	15	1	-					
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2,124	-	2					
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	104	-	1					
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	32	-	1					
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	15,302	2	2					
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,644	-	1					
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	310	-	1					
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,992	-	2					
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	62,003	-	3					
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	172,375	-	14					
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	460	864,228	4	56					

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL			NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES	FATAL			NFDL	ALL FATAL AND NFDL		
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL		NDL	ALL INJU- RIES		FATAL	NFDL	ALL FATAL AND NFDL		ALL FATAL AND NFDL			
		TOTAL	PARTIAL																			
WOLASTNTE-STAUTT-CONTINUED: GRAND TOTAL OR AVERAGE:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	23,280	3	1
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3,650	1	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	96,846	4	5
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	875	1	-
FLORIDA-----	-	-	-	1	1	1	1	2	-	1.60	1.60	1.60	3.19	-	-	46	46	67	125,304	3	3	3
GEORGIA-----	-	-	-	2	2	2	3	5	.24	.24	.36	.60	-	-	23	23	825	1,654,489	13	11	11	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	1,520	1	1
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	20	1	1
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	94,818	3	4
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4,229	1	1
MISISSIPPI-----	-	1	1	1	1	1	1	1	.80	.80	.80	.80	-	-	-	52	52	110	251,399	4	3	3
MISOURI-----	-	1	1	1	1	1	1	2	1.73	1.73	1.73	3.47	-	-	28	28	62	115,361	5	2	2	
NEVADA-----	-	-	-	1	1	1	1	1	3.04	3.04	3.04	3.04	-	-	-	9	9	39	65,726	2	3	3
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	15	1	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	70,099	6	3
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12,003	3	1
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	860	1	2
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	952	1	-
SOUTH CAROLINA-----	-	2	2	2	2	2	2	2	3.41	3.41	3.41	3.41	-	-	-	36	36	71	117,302	6	2	2
SOUTH DAKOTA-----	-	1	1	1	1	1	1	1	3.27	3.27	3.27	3.27	-	-	-	65	65	49	61,104	1	1	1
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4,295	1	1
TEXAS-----	-	-	-	5	5	5	5	6	2.20	2.20	.44	2.64	-	-	-	91	91	18	27,570	4	2	2
VERMONT-----	-	5	5	5	5	1	1	6	2.38	2.38	1.13	3.51	-	-	-	127	127	749	454,093	3	5	5
WYOMING-----	-	-	-	19	19	19	9	28	-	-	-	-	-	-	-	-	-	-	1,594,675	23	14	14
TOTAL OR AVERAGE----	-	-	-	33	33	33	15	48	-	1.38	1.38	.63	2.01	-	-	65	65	2,417	4,780,485	92	66	66
OTHER NONMETAL, NEC:																						
UNDERGROUND MINERALS:																						
UNDERGROUND:																						
CALIFORNIA-----	-	-	-	8	8	8	-	8	-	10.75	10.75	-	10.75	-	-	298	298	3	2,027	1	-	-
IOWA-----	-	-	-	8	8	8	-	8	-	10.75	10.75	-	10.75	-	-	298	298	62	148,790	1	-	-
NEW YORK-----	-	-	-	-	-	-	-	1	1	-	-	-	3.28	3.28	-	-	-	3	4,895	1	-	-
WISCONSIN-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	24	60,921	1	-	-
TOTAL OR AVERAGE----	-	-	-	8	8	8	1	9	-	7.39	7.39	.92	8.31	-	-	205	205	92	216,623	4	-	-
SURFACE AT UNDERGROUND:																						
IOWA-----	-	-	-	7	7	7	2	9	-	31.11	31.11	8.89	40.00	-	-	1,822	1,822	19	44,999	-	1	1
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,822	1,822	1	1,828	-	1	1
TOTAL OR AVERAGE----	-	-	-	7	7	7	2	9	-	29.90	29.90	8.54	38.44	-	-	1,751	1,751	20	46,827	-	2	2

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY																			
		TOTAL	PARTIAL																				
OTHER NONMTLS NEC-CONTINUED: TOTAL OR AVERAGE, UG:																							
CALIFORNIA-----	-	-	-	-	15	15	15	2	17	-	15.48	15.48	2.06	17.54	-	652	652	3	2,027	1	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	81	193,789	1	-	1	1		
NEW YORK-----	-	-	-	-	-	-	-	1	1	-	-	-	3.28	3.28	-	-	-	4	6,713	1	-	1	1
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	60,921	1	-	1	-	
TOTAL OR AVERAGE----	-	-	-	15	15	15	3	18	-	11.39	11.39	2.28	13.66	-	480	480	112	263,450	4	2			
SURFACE MINES: OPEN PIT:																							
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	2.52	2.52	-	2.52	-	148	148	14	23,186	1	-		
CALIFORNIA-----	-	-	-	-	1	1	1	-	1	-	1.69	1.69	-	1.69	-	2	2	29	79,475	2	-		
FLORIDA-----	-	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	60	118,215	10	-			
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	11,892	1	-			
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,389	1	-			
NEVADA-----	-	-	-	-	1	1	1	-	1	-	6.24	6.24	-	6.24	-	156	156	18	32,040	6	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	11.82	11.82	-	-	-	8	16,917	3	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2,010	2	-			
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	36,928	3	-			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	79,793	9	-			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	5,320	2	-			
WASHINGTON-----	-	-	-	2	2	2	1	1	3	-	7.26	7.26	3.63	10.89	-	62	62	23	55,098	2	-		
WISCONSIN-----	-	-	-	2	2	2	-	2	-	7.50	7.50	-	7.50	-	128	128	25	53,325	2	-			
TOTAL OR AVERAGE----	-	-	-	7	7	7	3	10	-	2.70	2.70	1.16	3.86	-	52	52	267	518,588	44	-			
TOTAL OR AVERAGE, SURFACE:																							
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	2.52	2.52	-	2.52	-	148	148	14	23,186	1	-		
CALIFORNIA-----	-	-	-	-	1	1	1	-	1	-	1.69	1.69	-	1.69	-	2	2	29	79,475	2	-		
FLORIDA-----	-	-	-	-	1	1	1	-	1	-	-	-	-	-	-	60	118,215	10	-				
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	11,892	1	-			
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,389	1	-			
NEVADA-----	-	-	-	-	1	1	1	-	1	-	6.24	6.24	-	6.24	-	156	156	18	32,040	6	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	11.82	11.82	-	-	-	8	16,917	3	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2,010	2	-			
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	36,928	3	-			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	79,793	9	-			
UTAH-----	-	-	-	-	-	-	-	-	-	-	37.59	37.59	3.63	10.89	-	62	62	6	5,320	2	-		
WASHINGTON-----	-	-	-	2	2	2	1	1	3	-	7.26	7.26	3.63	10.89	-	128	128	23	55,098	2	-		
WISCONSIN-----	-	-	-	2	2	2	-	2	-	7.50	7.50	-	7.50	-	128	128	25	53,325	2	-			
TOTAL OR AVERAGE----	-	-	-	7	7	7	3	10	-	2.70	2.70	1.16	3.86	-	52	52	267	518,588	44	-			

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		TOTAL	PARTIAL																	
OTHER NORMTLS NEC-CONTINUED: TOTAL OR AVERAGE, MINING:																				
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	23,186	1	-	
CALIFORNIA-----	-	-	-	1	1	1	-	2.45	2.45	-	2.45	-	145	145	-	32	81,502	3	-	
FLORIDA-----	-	-	-	1	1	1	-	1.69	1.69	-	1.69	-	2	2	-	60	118,215	10	-	
ILLINOIS-----	-	-	-	15	15	15	2	17	15.48	15.48	2.06	17.54	-	652	652	81	193,789	1	1	
IAWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,389	1	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	16,917	3	-	
NEVADA-----	-	-	-	1	1	1	-	6.24	6.24	-	11.82	11.82	-	-	-	4	6,713	1	1	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2,010	2	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	36,928	3	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	79,793	9	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	5,320	2	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	55,098	22	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	114,246	3	-	
WASHINGTON-----	-	-	-	2	2	2	1	7.26	7.26	3.63	10.89	-	62	62	-	-	-	-	-	
WISCONSIN-----	-	-	-	2	2	2	1	3.50	3.50	1.75	5.25	-	60	60	-	-	-	-	-	
TOTAL OR AVERAGE----	-	-	-	22	22	22	6	28	-	5.63	5.63	1.53	7.16	-	196	196	379	782,038	48	2
PROCESSING PLANTS:																				
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	960	1	-	
CALIFORNIA-----	-	-	-	3	3	3	4	7	1.26	1.26	1.68	2.94	-	90	90	200	475,854	2	2	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	31,973	1	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	61,199	1	-	
IDAHO-----	-	-	-	3	3	3	-	3	19.48	19.48	-	19.48	-	2,448	2,448	17	30,799	2	-	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	79,150	1	1	
IAWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	124,034	1	-	
LOUISIANA-----	-	-	-	1	1	1	1	2	2.20	2.20	2.20	4.40	-	251	251	49	90,986	1	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	8,666	-	1	
NEVADA-----	-	-	-	8	8	8	4	12	3.70	3.70	1.85	5.54	-	345	345	226	432,844	2	4	
NEW JERSEY-----	-	-	-	1	1	1	-	1	2.78	2.78	-	2.78	-	17	17	40	71,901	1	-	
NEW MEXICO-----	-	-	-	1	1	1	1	2	1.54	1.54	1.54	3.08	-	62	62	64	130,040	1	3	
NEW YORK-----	-	-	-	2	2	2	1	3	2.94	2.94	1.47	4.41	-	435	435	67	135,956	1	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,988	1	-	
OREGON-----	-	-	-	1	1	1	1	2	1.62	1.62	1.62	3.24	-	11	11	65	123,405	1	2	
PENNSYLVANIA-----	-	-	-	2	2	2	1	3	3.75	3.75	1.87	5.62	-	17	17	55	106,711	1	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	7,920	-	1	
WASHINGTON-----	-	-	-	3	3	3	2	5	4.67	4.67	3.11	7.79	-	579	579	60	128,447	1	1	
WISCONSIN-----	-	-	-	2	2	2	1	3	1.45	1.45	.73	2.18	-	14	14	125	274,960	-	3	
TOTAL OR AVERAGE----	-	-	-	27	27	27	16	43	-	2.33	2.33	1.38	3.70	-	190	190	1,145	2,321,793	17	20

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT		TEMPO- RARY																		
		TOTAL	PARTIAL																			
OTHER NORMTLS NEC-CONTINUED: TOTAL OR AVERAGE, ALL MINES AND PLANTS:																						
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	24,146	2	-			
CALIFORNIA-----	-	-	-	4	4	4	8	-	1.44	1.44	1.44	2.87	-	98	98	232	557,356	5	2			
FLORIDA-----	-	-	1	1	1	1	1	-	1.33	1.33	1.33	1.33	-	1	1	75	150,188	10	1			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	61,199	1	-			
IDAHO-----	-	-	3	3	3	3	3	-	19.48	19.48	19.48	19.48	-	2,448	2,448	17	30,799	2	-			
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	91,042	2	1			
IAWA-----	-	-	15	15	15	2	17	-	9.38	9.38	1.25	10.63	-	395	395	137	319,823	1	2			
LOUISIANA-----	-	-	1	1	1	1	2	-	-	-	-	-	-	-	-	49	90,986	1	-			
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	13,055	1	1			
NEVADA-----	-	-	9	9	9	4	13	-	3.87	3.87	1.72	5.59	-	332	332	244	464,884	8	4			
NEW JERSEY-----	-	-	1	1	1	1	1	-	2.78	2.78	2.78	2.78	-	17	17	40	71,901	1	-			
NEW MEXICO-----	-	-	1	1	1	1	2	-	1.36	1.36	2.72	4.08	-	54	54	72	146,957	4	3			
NEW YORK-----	-	-	2	2	2	1	3	-	2.80	2.80	1.40	4.21	-	415	415	71	142,669	2	1			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,988	1	-			
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2,010	2	-			
OREGON-----	-	-	1	1	1	1	2	-	1.25	1.25	1.25	2.49	-	9	9	84	160,333	4	2			
PENNSYLVANIA-----	-	-	2	2	2	1	3	-	3.75	3.75	1.87	5.62	-	17	17	55	106,711	1	-			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	79,793	9	-			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	13,240	2	1			
WASHINGTON-----	-	-	5	5	5	3	8	-	5.45	5.45	3.27	8.72	-	424	424	83	183,545	3	1			
WISCONSIN-----	-	-	4	4	4	2	6	-	2.06	2.06	1.03	3.08	-	27	27	174	389,206	3	3			
TOTAL OR AVERAGE----	-	-	49	49	49	22	71	-	3.16	3.16	1.42	4.57	-	191	191	1,524	3,103,831	65	22			
OFFICE:																						
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,033	-	2			
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	114,760	-	5			
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	33,839	-	6			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	15,114	-	1			
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	11,038	-	2			
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	34,070	-	2			
IAWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	49,370	-	1			
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6,369	-	1			
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6,664	-	1			
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	60,984	-	7			
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,760	-	1			
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	20,032	-	4			
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	30,435	-	2			
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	56	-	1			
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	28,061	-	4			
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4,994	-	1			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	11,934	1	8			
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	26,162	-	3			
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	47,062	-	3			
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	287	508,717	1	55			

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT	TEMPO- RARY	TOTAL NFDL				TOTAL FATAL AND NFDL	FATAL	NFDL	ALL FATAL AND NFDL										
	TOTAL		PARTIAL																		
OTHER NONMTLS NEC-CONTINUED: GRAND TOTAL OR AVERAGE:																					
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	25,179	2	2		
CALI FORNI A-----	-	-	-	4	4	4	8	-	1.19	1.19	1.19	2.38	-	81	81	286	672,116	5	7		
FLORI DA-----	-	-	-	1	1	1	1	-	1.09	1.09	-	1.09	-	1	1	93	184,027	10	7		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	76,313	1	1		
IDAHO-----	-	-	-	3	3	3	3	-	14.34	14.34	-	14.34	-	1,802	1,802	23	41,837	2	2		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	125,112	2	3		
IOWA-----	-	-	-	15	15	15	17	-	8.13	8.13	1.08	9.21	-	342	342	160	369,193	1	3		
LOUISIANA-----	-	-	-	1	1	1	2	-	2.05	2.05	2.05	4.11	-	234	234	53	97,355	1	1		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	19,719	1	2		
NEVADA-----	-	-	-	9	9	9	4	13	-	3.42	3.42	1.52	4.94	-	293	293	277	525,848	8	11	
NEW JERSEY-----	-	-	-	1	1	1	1	-	-	2.54	2.54	-	2.54	-	15	15	43	78,661	1	1	
NEW MEXICO-----	-	-	-	1	1	1	2	3	-	1.20	1.20	2.40	3.59	-	48	48	85	166,989	4	7	
NEW YORK-----	-	-	-	2	2	2	1	3	-	2.31	2.31	1.16	3.47	-	342	342	87	173,104	2	3	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,988	1	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,066	2	1		
OREGON-----	-	-	-	1	1	1	1	2	-	1.06	1.06	1.06	2.12	-	7	7	103	188,394	4	6	
PENNSYLVANIA-----	-	-	-	2	2	2	1	3	-	3.58	3.58	1.79	5.37	-	16	16	58	111,705	1	1	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	91,727	10	8		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	13,240	2	1		
WASHINGTON-----	-	-	-	5	5	5	3	8	-	4.77	4.77	2.86	7.63	-	371	371	98	209,707	3	4	
WISCONSIN-----	-	-	-	4	4	4	2	6	-	1.83	1.83	.92	2.75	-	24	24	197	436,268	3	6	
TOTAL OR AVERAGE----	-	-	-	49	49	49	22	71	-	2.71	2.71	1.22	3.93	-	164	164	1,811	3,612,548	66	77	
ALL NONMETALLIC MINERALS: UNDERGROUND MINES:																					
UNDERGROUND:																					
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	2,422	3	-		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	60,055	2	-		
IOWA-----	-	-	-	9	9	9	-	9	-	8.25	8.25	-	8.25	-	302	302	101	218,164	2	-	
KANSAS-----	-	-	-	2	2	2	3	5	-	2.26	2.26	3.38	5.64	-	70	70	90	177,376	4	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12,721	1	-		
LOUISIANA-----	-	-	-	1	7	8	8	2	10	-	2.73	2.73	.68	3.42	-	241	241	307	585,563	3	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,065	1	-		
MICHIGAN-----	-	-	-	-	-	-	-	1	1	-	99.99	-	3.11	3.11	-	-	-	23	64,340	1	-
MONTANA-----	1	-	-	-	-	-	-	1	1	99.99	-	99.99	99.99	99.99	-	99.999	1	80	1	-	
NEW MEXICO-----	-	-	-	10	10	10	8	18	-	1.44	1.44	1.15	2.58	-	148	148	662	1,392,934	3	-	
NEW YORK-----	-	-	-	7	7	7	2	9	-	3.10	3.10	.89	3.99	-	71	71	252	451,444	3	-	
OHIO-----	-	-	-	3	3	3	-	3	-	1.69	1.69	-	1.69	-	102	102	193	354,157	2	-	
TEXAS-----	-	-	-	1	1	-	-	1	-	2.09	2.09	-	2.09	-	578	578	109	225,607	5	-	
UTAH-----	-	-	-	10	10	10	3	13	-	8.86	8.86	2.66	11.52	-	-	-	-	336	1	-	
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	60,921	1	-		
WISCONSIN-----	-	-	-	-	-	-	-	1	1	-	3.28	3.28	-	-	-	-	-	1,557,426	5	-	
WYOMING-----	-	-	-	15	15	15	6	21	-	1.93	1.93	.77	2.70	-	98	98	764	5,263,437	40	-	
TOTAL OR AVERAGE----	1	-	1	64	65	66	26	92	.04	2.47	2.51	.99	3.50	228	148	376	2,610	5,263,437	40	-	

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT	TEMPO- RARY	TOTAL NFDL																
		TOTAL	PARTIAL																	
ALL NONMETALLIC-CONTINUED: SURFACE AT UNDERGROUND:																				
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,200	-	1	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,519	-	2	
LOUISIANA-----	-	-	-	7	7	7	2	9	28.59	28.59	8.17	36.75	-	1,674	1,674	21	48,974	-	2	
KANSAS-----	-	-	-	2	2	2	1	3	3.67	3.67	1.84	5.51	-	496	496	6	10,210	-	1	
LOUISIANA-----	-	-	-	2	2	2	1	3	3.67	3.67	1.84	5.51	-	496	496	66	108,849	-	3	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	44,173	-	1	
NEW MEXICO-----	-	-	-	2	2	2	3	5	2.61	2.61	3.92	6.53	-	22	22	92	153,055	-	3	
NEW YORK-----	-	-	-	1	1	1	1	1	1.18	1.18	1.54	1.54	-	126	126	91	169,506	-	3	
OHIO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	67	130,213	-	2	
TEXAS-----	-	-	-	4	4	4	4	4	62.89	62.89	62.89	62.89	-	1,399	1,399	5	12,721	-	2	
UTAH-----	-	-	-	5	5	5	5	10	9.75	9.75	9.75	19.50	-	645	645	50	102,563	-	5	
WIRGINIA-----	-	-	-	1	1	1	1	1	99.99	99.99	99.99	99.99	-	355	355	1	564	-	1	
WYOMING-----	-	-	-	2	2	2	4	6	6.79	6.79	13.57	20.36	-	506	506	31	58,944	-	5	
TOTAL OR AVERAGE----	-	-	-	24	24	24	16	40	-	5.66	5.66	3.78	9.44	-	324	324	450	847,491	1	31
TOTAL OR AVERAGE, UG:																				
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	3,622	3	1	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	66,574	2	2	
LOUISIANA-----	-	-	-	16	16	16	2	18	11.98	11.98	1.50	13.48	-	553	553	122	267,138	2	2	
KANSAS-----	-	-	-	2	2	2	3	5	2.13	2.13	3.20	5.33	-	66	66	96	187,586	4	1	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12,721	1	-	
LOUISIANA-----	-	-	1	9	10	10	3	13	2.88	2.88	.86	3.74	-	281	281	373	694,412	3	3	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,065	1	-	
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	1.84	1.84	-	-	-	38	108,513	1	1	
MONTANA-----	1	-	-	-	-	-	1	1	99.99	99.99	99.99	99.99	-	-	-	1	90	1	-	
NEW MEXICO-----	-	-	-	12	12	12	11	23	-	1.55	1.55	1.42	2.98	-	136	136	754	1,545,989	3	3
NEW YORK-----	-	-	-	8	8	8	2	10	2.58	2.58	.64	3.22	-	86	86	343	620,950	3	3	
OHIO-----	-	-	-	3	3	3	1	4	1.24	1.24	.41	1.65	-	74	74	260	484,370	2	2	
TEXAS-----	-	-	-	5	5	5	-	5	9.21	9.21	-	9.21	-	168	168	46	108,547	2	2	
UTAH-----	-	-	-	15	15	15	8	23	9.14	9.14	4.88	14.02	-	599	599	159	328,170	5	5	
WIRGINIA-----	-	-	-	1	1	1	-	1	99.99	99.99	-	99.99	-	222	222	3	900	1	1	
WISCONSIN-----	-	-	-	17	17	17	10	27	-	2.10	2.10	1.24	3.34	-	113	113	795	1,616,370	6	5
TOTAL OR AVERAGE----	1	-	1	88	89	90	42	132	.03	2.91	2.95	1.37	4.32	196	172	369	3,060	6,110,928	41	31

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT		TEMPO- RARY																		
		TOTAL	PARTIAL																			
ALL NONMETALLIC—CONTINUED:																						
SURFACE MINES:																						
OPEN PIT:																						
ALABAMA-----	1	-	-	-	-	1	1	-	1	2.14	-	2.14	-	2.14	12,826	-	12,826	58	93,561	15	-	
ARIZONA-----	-	-	-	1	1	1	1	-	1	2.37	2.37	2.37	-	2.37	-	2	59	84,294	10	-		
ARKANSAS-----	-	-	-	6	6	6	1	7	-	1.39	1.39	.23	1.63	-	-	-	47	51,119	13	-		
CALIFORNIA-----	-	-	6	1	1	1	1	7	-	1.83	1.83	-	1.83	-	-	50	435	860,783	22	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	1.92	1.92	.30	2.22	-	-	37	37	109,105	11	-		
FLORIDA-----	-	-	19	19	19	3	22	-	-	-	.67	.67	1.18	1.18	-	-	130	879	1,983,325	18	-	
GEORGIA-----	-	-	2	2	2	2	2	-	-	-	-	-	-	-	-	46	46	293	593,149	7	-	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,297	21,297	2	-	
ILLINOIS-----	-	-	1	1	1	3	4	-	-	6.95	6.95	20.84	27.79	-	-	14	14	19	28,789	6	-	
INDIANA-----	-	-	1	1	1	1	1	-	-	3.44	3.44	-	3.44	-	-	365	365	44	58,127	6	-	
IAWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	42,187	8	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	56,406	8	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	32	2	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	64	1	-	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	19,182	5	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	36,185	5	-	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	32,148	3	-	
MICHIGAN-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	73	88,203	5	-	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	114,460	13	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,367	1	-	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	189	338,608	23	-	
NEVADA-----	2	2	2	2	2	4	-	-	1.18	1.18	1.18	2.36	-	-	34	34	189	338,608	23	-		
NEW MEXICO-----	-	-	2	2	2	1	3	-	4.24	4.24	2.12	6.36	-	-	203	203	63	94,373	16	-		
NEW YORK-----	-	-	4	4	4	1	5	-	13.31	13.31	3.33	16.64	-	-	389	389	37	60,083	9	-		
NORTH CAROLINA-----	-	-	2	2	2	2	2	-	.67	.67	-	.67	-	-	8	8	296	601,002	22	-		
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	344	1	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	91,046	13	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	185	408,689	23	-	
OREGON-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	41	57,169	12	-	
PENNSYLVANIA-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	14	15,272	6	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	53,515	9	-	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	5,576	3	-	
TENNESSEE-----	-	-	1	1	1	1	2	-	1.59	1.59	1.59	3.18	-	-	241	241	67	125,914	8	-		
TEXAS-----	5	5	5	5	2	7	-	1.97	1.97	.79	2.76	-	-	129	129	271	507,036	48	-			
UTAH-----	-	-	1	1	1	1	2	-	.98	.98	.98	1.96	-	-	8	8	114	204,170	14	-		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,092	1	-	
VIRGINIA-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	48	83,549	10	-	
WASHINGTON-----	-	-	2	2	2	1	3	-	7.01	7.01	3.51	10.52	-	-	60	60	26	57,026	3	-		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	48	2	-	
WISCONSIN-----	-	-	-	2	2	2	-	2	-	7.50	7.50	-	7.50	-	-	128	128	25	53,325	2	-	
WYOMING-----	-	-	11	11	11	3	14	-	4.31	4.31	1.17	5.48	-	-	252	252	240	510,856	13	-		
TOTAL OR AVERAGE----	1	-	-	63	63	64	25	89	.03	1.60	1.62	.63	2.26	152	82	234	4,093	7,891,060	422	-		
DREDGE:																						
FLORIDA-----	-	-	-	3	3	3	1	4	-	2.72	2.72	.91	3.62	-	-	143	143	105	220,796	3	-	
TOTAL OR AVERAGE----	-	-	-	3	3	3	1	4	-	2.72	2.72	.91	3.62	-	-	143	143	105	220,796	3	-	

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT		TEMPO- RARY																		
		TOTAL	PARTIAL																			
ALL NONMETALLIC-CONTINUED:																						
OTHER SURFACE:																						
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	82,646	2	-		
TOTAL OR AVERAGE----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	82,646	2	-		
TOTAL OR AVERAGE, SURFACE:																						
ALABAMA-----	1	-	-	-	-	1	-	1	2.14	2.37	2.14	2.37	2.14	12,826	-	12,826	58	93,561	15	-		
ARIZONA-----	-	-	-	-	1	1	-	1	-	2.37	2.37	2.37	-	-	-	2	59	84,294	10	-		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	51,119	13	-			
CALIFORNIA-----	-	-	6	6	6	1	7	-	1.39	1.39	.23	1.63	-	-	50	50	435	860,783	22	-		
COLORADO-----	-	-	1	1	1	-	1	-	1.83	1.83	-	1.83	-	-	37	37	74	109,105	11	-		
FLORIDA-----	-	-	22	22	22	4	26	-	2.00	2.00	.36	2.36	-	131	131	984	2,204,121	21	-			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	1.18	1.18	-	-	-	173	-	340,200	20	-		
IDAHO-----	-	-	2	2	2	-	2	-	.67	.67	-	.67	-	-	46	46	293	593,149	7	-		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	21,297	2	-		
INDIANA-----	-	-	1	1	1	3	4	-	6.95	6.95	20.84	27.79	-	-	14	14	19	28,789	6	-		
IOWA-----	-	-	1	1	1	-	1	-	3.44	3.44	-	3.44	-	365	365	44	58,127	6	-			
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	42,187	8	-			
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	56,406	8	-			
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2,384	3	-			
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	64	1	-			
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	32	2	-			
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	32,148	3	-			
MICHIGAN-----	-	-	-	-	-	1	1	-	-	-	5.53	5.53	-	-	-	-	21	36,185	5	-		
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	19,182	5	-			
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	114,460	13	-			
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	88,203	5	-			
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,367	1	-			
NEVADA-----	-	-	2	2	2	2	4	-	1.18	1.18	1.18	2.36	-	-	34	34	189	338,608	23	-		
NEW MEXICO-----	-	-	2	2	2	2	3	-	2.26	2.26	1.13	3.39	-	108	108	104	177,019	18	-			
NEW YORK-----	-	-	4	4	4	1	5	-	13.31	13.31	3.33	16.64	-	389	389	37	60,083	9	-			
NORTH CAROLINA-----	-	-	2	2	2	-	2	-	.67	.67	-	.67	-	8	8	296	601,002	22	-			
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	344	1	-			
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	91,046	13	-			
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	185	408,689	23	-			
OREGON-----	-	-	-	-	-	1	1	-	-	-	3.50	3.50	-	-	-	-	41	57,169	12	-		
PENNSYLVANIA-----	-	-	-	-	-	1	1	-	-	-	13.10	13.10	-	-	-	-	14	15,272	6	-		
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	53,515	9	-			
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	5,576	3	-			
TENNESSEE-----	-	-	1	1	1	1	2	-	1.59	1.59	1.59	3.18	-	-	241	241	67	125,914	8	-		
TEXAS-----	-	-	5	5	5	2	7	-	1.97	1.97	.79	2.76	-	129	129	271	507,036	48	-			
UTAH-----	-	-	1	1	1	1	2	-	.98	.98	.98	1.96	-	8	8	114	204,170	14	-			
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,092	1	-			
VERMONT-----	-	-	2	2	2	1	3	-	7.01	7.01	3.51	10.52	-	60	60	48	83,549	10	-			
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	48	2	-			
WEST VIRGINIA-----	-	-	2	2	2	-	2	-	7.50	7.50	-	7.50	-	128	128	25	53,325	2	-			
WISCONSIN-----	-	-	11	11	11	3	14	-	4.31	4.31	1.17	5.48	-	252	252	240	510,856	13	-			
TOTAL OR AVERAGE----	1	-	66	66	67	26	93	.02	1.61	1.64	.63	2.27	146	83	230	4,239	8,194,502	427	-			

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT		TEMPO- RARY																		
		TOTAL	PARTIAL																			
ALL NONMETALLIC-CONTINUED: TOTAL OR AVERAGE, MINING:																						
ALABAMA-----	1	-	-	-	-	1	-	1	2.14	-	2.14	-	2.14	12,826	-	12,826	58	93,561	15	-		
ARIZONA-----					1	1	1	-	2.37	2.37	2.37	-	2.37	-	2	2	59	84,294	10	-		
ARKANSAS-----					-	-	-	-	-	-	-	-	-	-	-	-	47	51,119	13	-		
CALIFORNIA-----		6	6	6	1	1	7	-	1.39	1.39	.23	1.62	-	-	50	50	444	864,405	25	1		
COLORADO-----		1	1	1	-	-	1	-	1.83	1.83	-	1.83	-	-	37	37	74	109,105	11	-		
FLORIDA-----		22	22	22	4	26	-	2.00	2.00	.36	2.36	-	-	131	131	984	2,204,121	21	-			
GEORGIA-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173	340,200	20	-		
IDAHO-----		2	2	2	-	2	-	.67	.67	-	.67	-	-	-	46	46	293	593,149	7	-		
ILLINOIS-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	21,297	2	-		
INDIANA-----		1	1	1	3	4	-	2.10	2.10	6.29	8.39	-	-	-	4	4	49	95,363	8	2		
IOWA-----		17	17	17	2	19	-	10.45	10.45	1.23	11.68	-	-	520	520	166	325,265	8	2			
KANSAS-----		2	2	2	3	5	-	1.74	1.74	2.61	4.35	-	-	54	54	128	229,773	12	1			
KENTUCKY-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	69,127	9	-		
LOUISIANA-----		1	9	10	3	13	-	2.87	2.87	.86	3.73	-	-	280	280	378	696,796	6	3			
MAINE-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4,129	2	-		
MARYLAND-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	32	2	-		
MASSACHUSETTS-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	32,148	3	-		
MICHIGAN-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	144,698	6	1		
MISSISSIPPI-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	19,182	5	-		
MISSOURI-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	114,450	13	-		
MONTANA-----	1	-	-	-	1	-	1	2.27	-	2.27	-	2.27	13,593	-	13,593	74	88,283	6	-			
NEBRASKA-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,367	1	-		
NEVADA-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34	189	-		
NEW MEXICO-----		14	14	14	12	26	-	1.18	1.18	1.18	2.36	-	-	133	133	858	1,723,008	21	3			
NEW YORK-----		12	12	12	3	15	-	3.52	3.52	.88	4.41	-	-	113	113	380	681,033	12	3			
NORTH CAROLINA-----		2	2	2	-	2	-	.67	.67	.67	.67	-	-	8	8	296	601,002	22	-			
NORTH DAKOTA-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	344	1	-		
OHIO-----		3	3	3	1	4	-	1.04	1.04	.35	1.39	-	-	63	63	327	575,416	15	2			
OKLAHOMA-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	185	408,689	23	-		
OREGON-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	57,169	12	-		
PENNSYLVANIA-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	15,272	6	-		
SOUTH CAROLINA-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	53,515	9	-		
SOUTH DAKOTA-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	5,576	3	-		
TENNESSEE-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,092	1	-		
TEXAS-----		10	10	10	2	12	-	3.25	3.25	.65	3.90	-	-	135	135	317	615,583	50	2			
UTAH-----		16	16	16	9	25	-	6.01	6.01	3.38	9.39	-	-	372	372	273	532,340	19	5			
VERMONT-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	84,449	11	1		
WEST VIRGINIA-----		1	1	1	1	2	-	2.37	2.37	2.37	4.74	-	-	2	2	51	57,026	3	-			
WASHINGTON-----		2	2	2	1	3	-	7.01	7.01	3.51	10.52	-	-	60	60	26	57,48	2	-			
WEST VIRGINIA-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	48	2	-		
WISCONSIN-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	114,246	3	-		
WYOMING-----		-	-	-	28	28	28	13	41	-	2.63	2.63	1.22	3.85	-	146	146	1,035	2,127,226	19	5	
TOTAL OR AVERAGE----	2	-	1	154	155	157	68	225	.03	2.17	2.19	.95	3.15	168	121	289	7,299	14,305,430	468	31		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT	TEMPO- RARY	TOTAL NFDL																
		TOTAL	PARTIAL																	
ALL NONMETALLIC-CONTINUED:																				
PROCESSING PLANTS:																				
ALABAMA-----	-	-	-	3	3	3	2	5	-	1.51	1.51	1.01	2.52	-	24	24	185	396,106	2	3
ARIZONA-----	-	-	-	1	1	1	-	1	-	35.82	35.82	-	-	-	-	-	11	17,100	2	2
ARKANSAS-----	-	-	3	3	3	7	10	-	.38	.38	.89	1.28	-	4,514	4,514	5	5,583	-	2	
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	27	756	1,565,773	8	9
COLORADO-----	-	-	-	6	6	6	3	9	-	.85	.85	.43	1.28	-	88	88	654	1,409,694	1	10
FLORIDA-----	-	-	15	15	15	9	24	-	.68	.68	.41	1.09	-	48	48	2,122	4,405,479	28	11	
GEORGIA-----	-	-	4	4	4	1	5	-	4.04	4.04	1.01	5.05	-	383	383	109	197,938	5	2	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	157,716	2	2
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	102,540	-	3
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	152,707	1	3
LOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS-----	-	-	2	2	2	1	3	-	2.12	2.12	1.06	3.18	-	152	152	96	188,542	1	6	
KENTUCKY-----	-	-	2	2	2	3	5	-	.79	.79	1.18	1.97	-	53	53	239	507,908	7	3	
LOUISIANA-----	-	-	2	2	2	3	5	-	-	-	-	-	-	-	-	-	1	2,011	-	1
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	270	589,385	4	2
MISSISSIPPI-----	-	-	3	3	3	1	4	-	1.02	1.02	.34	1.36	-	41	41	6	544,054	2	3	
MISSOURI-----	-	-	1	1	1	2	3	-	.37	.37	.74	1.10	-	6	6	267	544,054	2	3	
MONTANA-----	-	-	-	-	-	1	1	-	-	-	.67	.67	-	-	-	147	297,790	4	2	
NEVADA-----	-	-	18	18	18	7	25	-	3.56	3.56	1.38	4.94	-	278	278	506	1,011,722	9	12	
NEW JERSEY-----	-	-	1	1	1	1	1	-	2.78	2.78	2.78	2.78	-	17	17	40	71,901	1	1	
NEW MEXICO-----	-	-	3	3	3	7	10	-	.48	.48	1.13	1.61	-	12	12	621	1,240,084	5	8	
NEW YORK-----	-	1	7	8	8	3	11	-	5.10	5.10	1.91	7.02	-	853	853	154	313,555	1	4	
NORTH CAROLINA-----	-	-	6	6	6	5	11	-	1.28	1.28	1.07	2.34	-	79	79	474	938,678	9	4	
NORTH DAKOTA-----	-	-	1	1	1	-	1	-	3.81	3.81	-	3.81	-	221	221	27	52,561	1	1	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	88,311	2	3	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	37,692	1	1	
OREGON-----	-	-	1	1	1	1	2	-	1.25	1.25	1.25	2.50	-	9	9	87	159,742	1	6	
PENNSYLVANIA-----	-	-	2	2	2	1	3	-	3.11	3.11	1.55	4.66	-	14	14	67	128,682	4	-	
SOUTH CAROLINA-----	-	-	3	3	3	2	5	-	2.28	2.28	1.52	3.80	-	91	91	127	262,819	4	2	
SOUTH DAKOTA-----	-	-	1	1	1	-	1	-	2.17	2.17	-	2.17	-	43	43	66	92,007	3	-	
TENNESSEE-----	-	1	5	6	6	2	8	-	3.14	3.14	1.05	4.19	-	260	260	192	381,572	1	6	
TEXAS-----	-	17	17	17	6	23	-	2.00	2.00	.71	2.71	-	76	76	788	1,700,515	14	12		
UTAH-----	-	2	2	2	-	2	-	.89	.89	-	.89	-	16	16	225	451,795	1	11		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	27,562	-	1	
VIRGINIA-----	-	10	10	10	3	13	-	3.05	3.05	.92	3.97	-	167	167	298	655,069	2	6		
WASHINGTON-----	-	-	3	3	3	2	5	-	4.67	4.67	3.11	7.79	-	579	579	60	128,447	1	1	
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	62,894	1	-	
WISCONSIN-----	-	-	2	2	2	1	3	-	1.45	1.45	.73	2.18	-	14	14	125	274,960	-	3	
WYOMING-----	-	-	25	25	25	12	37	-	1.31	1.31	.63	1.94	-	88	88	1,776	3,811,684	18	3	
TOTAL OR AVERAGE----	-	2	147	149	149	82	231	-	1.32	1.32	.73	2.05	-	89	89	10,840	22,500,423	147	152	

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT		TEMPO- RARY																		
		TOTAL	PARTIAL																			
ALL NONMETALLIC—CONTINUED:																						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																						
ALABAMA-----	1	-	-	3	3	4	2	6	.41	1.23	1.63	.82	2.45	2,451	20	2,470	243	489,667	17	3		
ARIZONA-----	-	-	-	1	1	1	-	1	-	1.97	1.97	-	1.97	-	2	2	70	101,394	12	2		
ARKANSAS-----	-	-	-	1	1	1	-	1	-	3.53	3.53	-	3.53	-	444	444	52	56,702	13	2		
CALIFORNIA-----	-	-	-	9	9	9	8	17	-	.74	.74	.66	1.40	-	35	35	1,200	2,430,178	33	10		
COLORADO-----	-	-	-	1	1	1	-	1	-	1.72	1.72	-	1.72	-	34	34	79	116,618	12	-		
FLORIDA-----	-	-	-	28	28	28	7	35	-	1.55	1.55	.39	1.94	-	115	115	1,638	3,613,815	22	10		
GEORGIA-----	-	-	-	15	15	15	11	26	-	.63	.63	.46	1.10	-	44	44	2,295	4,745,679	48	11		
IDAHO-----	-	-	-	6	6	6	1	7	-	1.52	1.52	.25	1.77	-	130	130	402	791,087	12	2		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	179,013	4	2		
INDIANA-----	-	-	-	1	1	1	3	4	-	1.01	1.01	3.03	4.04	-	2	2	91	197,903	8	5		
IAOWA-----	-	-	-	17	17	17	2	19	-	7.11	7.11	.84	7.95	-	354	354	246	477,972	9	5		
KANSAS-----	-	-	-	4	4	4	4	8	-	1.91	1.91	1.91	3.82	-	98	98	224	418,315	13	7		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	129,459	9	4		
LOUISIANA-----	-	1	11	12	12	6	18	-	1.99	1.99	1.00	2.99	-	184	184	617	1,204,704	13	6			
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4,129	2	-		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	32	2	-		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	32,148	3	-		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	.99	.99	.33	1.31	-	40	40	60	146,709	6	2		
MISSISSIPPI-----	-	-	-	3	3	3	1	4	-	.99	.99	.33	1.31	-	5	5	280	608,567	9	2		
MISSOURI-----	-	-	-	1	1	1	2	3	-	.30	.30	.61	.91	-	5	5	331	658,514	15	3		
MONTANA-----	1	-	-	-	-	1	1	2	.52	-	.52	.52	1.04	3,108	-	3,108	221	386,073	10	2		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,367	1	-		
NEVADA-----	-	-	-	20	20	20	9	29	-	2.96	2.96	1.33	4.30	-	217	217	695	1,350,330	32	12		
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	2.78	2.78	-	2.78	-	17	17	40	71,901	1	-		
NEW MEXICO-----	-	-	-	17	17	17	19	36	-	1.15	1.15	1.28	2.43	-	82	82	1,479	2,963,092	26	11		
NEW YORK-----	-	1	19	20	20	6	26	-	4.02	4.02	1.21	5.23	-	346	346	534	994,588	13	7			
NORTH CAROLINA-----	-	-	-	8	8	8	5	13	-	1.04	1.04	.65	1.69	-	51	51	770	1,539,680	31	4		
NORTH DAKOTA-----	-	-	-	1	1	1	-	1	-	3.78	3.78	-	3.78	-	219	219	28	52,905	2	1		
OHIO-----	-	-	-	3	3	3	1	4	-	.90	.90	.30	1.21	-	54	54	375	663,727	17	5		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	201	446,381	24	1		
OREGON-----	-	-	-	1	1	1	2	3	-	.92	.92	1.84	2.77	-	6	6	128	216,911	13	6		
PENNSYLVANIA-----	-	-	-	2	2	2	2	4	-	2.78	2.78	2.78	5.56	-	13	13	81	143,954	10	-		
SOUTH CAROLINA-----	-	-	-	3	3	3	2	5	-	1.90	1.90	1.26	3.16	-	76	76	164	316,334	13	2		
SOUTH DAKOTA-----	-	-	-	1	1	1	-	1	-	2.05	2.05	-	2.05	-	41	41	73	97,583	6	-		
TENNESSEE-----	-	1	6	7	7	3	10	-	2.76	2.76	1.18	3.94	-	255	255	259	507,486	9	6			
TEXAS-----	-	-	-	27	27	27	8	35	-	2.33	2.33	.69	3.02	-	92	92	1,105	2,316,098	64	14		
UTAH-----	-	-	-	18	18	18	9	27	-	3.66	3.66	1.83	5.49	-	209	209	498	984,135	20	16		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	33,654	1	1		
VIETNAM-----	-	-	-	11	11	11	4	15	-	2.97	2.97	1.08	4.06	-	148	148	349	739,518	13	7		
WASHINGTON-----	-	-	-	5	5	5	3	8	-	5.39	5.39	3.23	8.63	-	419	419	86	185,473	4	-		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	62,942	3	-		
WISCONSIN-----	-	-	-	4	4	4	2	6	-	2.06	2.06	1.03	3.08	-	27	27	174	389,206	3	3		
WYOMING-----	-	-	-	53	53	53	25	78	-	1.78	1.78	.84	2.63	-	109	109	2,811	5,938,910	37	8		
TOTAL OR AVERAGE----	2	-	3	301	304	306	150	456	.01	1.65	1.66	.82	2.48	65	102	167	18,139	36,805,853	615	183		

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES						INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		TOTAL	PARTIAL																		
ALL NONMETALLIC-CONTINUED:																					
OFFICE:																					
ALABAMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	66,297	2	14		
ARIZONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11,840	1	9		
ARKANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	6,544	2	9		
CALIFORNIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	315	585,727	-	27		
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16,302	-	6		
CONNECTICUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	277	1			
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	265	460,913	-	16		
GEORGIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	516	976,947	4	41		
IDAHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	94	146,973	-	9		
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	52,985	-	3		
INDIANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	8,008	-	4		
LOWA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	57,339	2	8		
KANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	51,219	-	11		
KENTUCKY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	37,804	1	6		
LOUISIANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	213,926	1	13		
MAINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4,165	-	1		
MASSACHUSETTS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6,449	-	3		
MICHIGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	31,838	-	5		
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7	1			
MISSISSIPPI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	67,632	-	7		
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	115,627	1	10		
MONTANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69	123,375	-	9		
NEBRASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	11	-	1		
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104	173,199	-	27		
NEW JERSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,760	-	1		
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	327	629,114	-	17		
NEW YORK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	103	203,024	-	11		
NORTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	181	417,985	4	23		
NORTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	9,093	-	2		
OHIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	75,756	-	8		
OKLAHOMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	22,853	-	13		
OREGON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	38,584	-	11		
PENNSYLVANIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	17,574	1	5		
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	52,335	3	10		
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,268	-	3		
TENNESSEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	113,095	-	7		
TEXAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	226	386,829	2	56		
UTAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	149,866	-	12		
VERMONT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	16,035	-	1		
VERMONT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	138,651	-	12		
WISCONSIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	26,657	-	4		
WYOMING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	16,444	-	3		
TOTAL OR AVERAGE	-	-	-	-	1	1	1	1	2	-	.03	.03	.03	.06	-	(*)	(*)	3,447	6,422,955	26	466

TABLE 6. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES						SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL							
		PERMANENT		TEMPO- RARY																		
		TOTAL	PARTIAL																			
ALL NONMETALLIC-CONTINUED: GRAND TOTAL OR AVERAGE:																						
ALABAMA-----	1	-	-	3	3	4	2	6	.36	1.08	1.44	.72	2.16	2,158	17	2,176	287	555,964	19	17		
ARI ZONA-----	-	-	-	1	1	1	-	1	-	1.77	1.77	-	1.77	-	-	2	81	113,234	13	11		
ARKANSAS-----	-	-	-	1	1	1	-	1	-	3.16	3.16	-	3.16	-	-	398	398	64	63,246	15	11	
CALI FORNI A-----	-	-	-	9	9	9	8	17	-	.60	.60	.53	1.13	-	-	28	28	1,515	3,015,905	33	37	
COLORADO-----	-	-	-	1	1	1	-	1	-	1.50	1.50	-	1.50	-	-	30	30	95	132,920	12	6	
CONNECTI CUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	277	1	1		
FLORI DA-----	-	-	-	28	28	28	-	7	35	-	1.37	1.37	.34	1.72	-	102	102	1,903	4,074,728	22	26	
GEORGIA-----	-	-	-	15	15	15	11	26	-	.52	.52	.38	.91	-	-	37	37	2,811	5,722,626	52	52	
I DAHO-----	-	-	-	6	6	6	1	7	-	1.28	1.28	.21	1.49	-	-	110	110	496	938,060	12	11	
I LLI NO I S-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110	231,998	4	5	
I NDI ANA-----	-	-	-	1	1	1	3	4	-	.97	.97	2.91	3.89	-	-	2	97	205,911	8	9		
I OWA-----	-	-	-	17	17	17	2	19	-	6.35	6.35	.75	7.10	-	-	316	316	283	535,311	11	13	
KANSAS-----	-	-	-	4	4	4	4	8	-	1.70	1.70	1.70	3.41	-	-	87	87	253	469,534	13	18	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	108	167,263	10	10	
LOU IS ANA-----	-	-	1	11	12	12	7	19	-	1.69	1.69	.99	2.68	-	-	156	156	717	1,418,630	14	19	
MAI NE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	8,294	2	1		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	32	2	-		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	38,597	3	3		
MI CHI GAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	178,547	6	7		
MI NNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7	1	1		
MI SSI SSI PPI-----	-	-	3	3	3	1	4	-	.89	.89	.30	1.18	-	-	36	36	311	676,199	9	9		
MI SSOUR-----	-	-	1	1	1	2	3	-	.26	.26	.52	.78	-	-	4	4	399	774,141	16	13		
MONTANA-----	1	-	-	-	1	1	2	.39	-	.39	.39	.79	2,355	-	-	2,355	290	509,448	10	11		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2,378	1	1		
NEVADA-----	-	-	20	20	20	9	29	-	2.63	2.63	1.18	3.81	-	-	192	192	799	1,523,529	32	39		
NEW JERSEY-----	-	-	1	1	1	1	1	-	2.54	2.54	-	2.54	-	-	15	15	43	78,661	1	1		
NEW MEX CO-----	-	-	17	17	17	19	36	-	.95	.95	1.06	2.00	-	-	68	68	1,806	3,592,206	26	28		
NEW YORK-----	-	-	1	19	20	20	6	26	-	3.34	3.34	1.00	4.34	-	-	288	288	637	1,197,622	13	18	
NORTH CAROLINA-----	-	-	9	9	9	9	5	14	-	.92	.92	.51	1.43	-	-	40	40	951	1,957,635	35	27	
NORTH DAKOTA-----	-	-	1	1	1	1	1	-	3.23	3.23	-	3.23	-	-	187	187	34	61,998	2	3		
OHH O-----	-	-	3	3	3	1	4	-	.81	.81	.27	1.08	-	-	49	49	415	739,483	17	13		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	217	469,234	24	14		
OREGON-----	-	-	1	1	1	2	3	-	.78	.78	1.57	2.35	-	-	5	5	158	255,495	13	17		
PENNSYLVANIA-----	-	-	2	2	2	2	4	-	2.48	2.48	2.48	4.95	-	-	11	11	94	161,528	11	5		
SOUTH CAROLINA-----	-	-	3	3	3	2	5	-	1.63	1.63	1.08	2.71	-	-	65	65	203	368,669	16	12		
SOUTH DAKOTA-----	-	-	1	1	1	1	1	-	1.87	1.87	-	1.87	-	-	37	37	78	106,851	6	3		
TENNESSEE-----	-	-	1	6	7	7	3	10	-	2.26	2.26	.97	3.22	-	-	209	209	316	620,581	9	13	
TEXAS-----	-	-	27	27	27	8	35	-	2.00	2.00	.59	2.59	-	-	79	79	1,331	2,702,927	66	70		
UTAH-----	-	-	18	18	18	9	27	-	3.17	3.17	1.59	4.76	-	-	181	181	578	1,134,001	20	28		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	49,689	1	2		
VI RG NI A-----	-	-	11	11	11	4	15	-	2.51	2.51	.91	3.42	-	-	125	125	425	878,169	13	19		
WASHI NGTON-----	-	-	5	5	5	3	8	-	4.71	4.71	2.83	7.54	-	-	367	367	102	212,130	4	5		
WEST VI RG NI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	79,386	3	3		
WI SCONSIN-----	-	-	4	4	4	2	6	-	1.83	1.83	.92	2.75	-	-	24	24	197	436,268	3	6		
WYOMI NG-----	-	-	53	53	53	25	78	-	1.57	1.57	.74	2.30	-	-	96	96	3,201	6,769,496	37	33		
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	.01	1.41	1.42	.70	2.12	56	87	142	21,586	43,228,808	641	649		

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
BARIUM:																									
PROCESSING PLANTS:																									
GEORGIA-----	-	-	-	1	1	1	1	-	-	-	-	7	7	-	7	7									
LOUISIANA-----	-	-	-	1	1	1	1	-	-	-	-	20	20	-	20	20									
NEVADA-----	-	-	-	6	6	6	6	-	-	-	-	171	171	-	28	28									
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
TEXAS-----	-	-	-	4	4	4	4	2	6	-	-	185	185	-	46	46									
TOTAL OR AVERAGE-----	-	-	-	12	12	12	12	5	17	-	-	383	383	-	32	32									
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																									
GEORGIA-----	-	-	-	1	1	1	1	-	-	-	-	7	7	-	7	7									
LOUISIANA-----	-	-	-	1	1	1	1	2	3	-	-	20	20	-	20	20									
NEVADA-----	-	-	-	6	6	6	6	-	-	-	-	171	171	-	28	28									
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
TEXAS-----	-	-	-	4	4	4	4	2	6	-	-	185	185	-	46	46									
TOTAL OR AVERAGE-----	-	-	-	12	12	12	12	5	17	-	-	383	383	-	32	32									
GRAND TOTAL OR AVERAGE:																									
GEORGIA-----	-	-	-	1	1	1	1	-	-	-	-	7	7	-	7	7									
LOUISIANA-----	-	-	-	1	1	1	1	2	3	-	-	20	20	-	20	20									
NEVADA-----	-	-	-	6	6	6	6	-	-	-	-	171	171	-	28	28									
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
TEXAS-----	-	-	-	4	4	4	4	2	6	-	-	185	185	-	46	46									
TOTAL OR AVERAGE-----	-	-	-	12	12	12	12	5	17	-	-	383	383	-	32	32									
BORON:																									
SURFACE MINES:																									
OPEN PIT:																									
CALIFORNIA-----	-	-	-	1	1	1	1	1	2	-	-	37	37	-	37	37									
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	1	2	-	-	37	37	-	37	37									
TOTAL OR AVERAGE, SURFACE:																									
CALIFORNIA-----	-	-	-	1	1	1	1	1	2	-	-	37	37	-	37	37									
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	1	2	-	-	37	37	-	37	37									
TOTAL OR AVERAGE, MINING:																									
CALIFORNIA-----	-	-	-	1	1	1	1	1	2	-	-	37	37	-	37	37									
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	1	2	-	-	37	37	-	37	37									

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
BORON-CONTINUED: PROCESSING PLANTS: CALIFORNIA-----	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-								
SOUTH CAROLINA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE----	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE, ALL MINES AND PLANTS: CALIFORNIA-----	-	-	-	1	1	1	4	5	-	-	-	37	37	37	-	37	37								
SOUTH CAROLINA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE----	-	-	-	1	1	1	6	7	-	-	-	37	37	37	-	37	37								
GRAND TOTAL OR AVERAGE: CALIFORNIA-----	-	-	-	1	1	1	4	5	-	-	-	37	37	37	-	37	37								
SOUTH CAROLINA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE----	-	-	-	1	1	1	6	7	-	-	-	37	37	37	-	37	37								
CLAY: UNDERGROUND MINES: UNDERGROUND: UTAH-----	-	-	-	2	2	2	-	2	-	-	-	154	154	154	-	77	77								
TOTAL OR AVERAGE----	-	-	-	2	2	2	-	2	-	-	-	154	154	154	-	77	77								
SURFACE AT UNDERGROUND: UTAH-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE, UG: UTAH-----	-	-	-	2	2	2	3	5	-	-	-	154	154	154	-	77	77								
TOTAL OR AVERAGE----	-	-	-	2	2	2	3	5	-	-	-	154	154	154	-	77	77								
SURFACE MINES: OPEN PIT: CALIFORNIA-----	-	-	-	1	1	1	-	1	-	-	-	38	38	38	-	38	38								
GEORGIA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-								
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16								
TENNESSEE-----	-	-	-	1	1	1	1	2	-	-	-	152	152	152	-	152	152								
TEXAS-----	-	-	-	-	-	-	1	1	-	-	-	189	189	189	-	94	94								
TOTAL OR AVERAGE----	-	-	-	2	2	2	-	2	-	-	-	395	395	395	-	79	79								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
CLAY-CONTINUED:																							
TOTAL OR AVERAGE, SURFACE:																							
CALIFORNIA-----	-	-	-	1	1	1	-	-	-	-	-	38	38	38	-	38	38						
GEORGIA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16						
TENNESSEE-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152						
TEXAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
WYOMING-----	-	-	-	2	2	2	-	2	-	-	-	189	189	189	-	94	94						
TOTAL OR AVERAGE-----	-	-	-	5	5	5	4	9	-	-	-	395	395	395	-	79	79						
TOTAL OR AVERAGE, MINING:																							
CALIFORNIA-----	-	-	-	1	1	1	-	1	-	-	-	38	38	38	-	38	38						
GEORGIA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16						
TENNESSEE-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152						
TEXAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
UTAH-----	-	-	-	2	2	2	3	5	-	-	-	154	154	154	-	77	77						
WYOMING-----	-	-	-	2	2	2	-	2	-	-	-	189	189	189	-	94	94						
TOTAL OR AVERAGE-----	-	-	-	7	7	7	7	14	-	-	-	549	549	549	-	78	78						
CO 01 PROCESSING PLANTS:																							
ALABAMA-----	-	-	-	3	3	3	2	5	-	-	-	48	48	48	-	16	16						
FLORIDA-----	-	-	-	2	2	2	2	4	-	-	-	173	173	173	-	86	86						
GEORGIA-----	-	-	-	12	12	12	5	17	-	-	-	858	858	858	-	72	72						
KANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
MISSISSIPPI-----	-	-	-	2	2	2	1	3	-	-	-	57	57	57	-	28	28						
SOUTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	-	99	99	99	-	99	99						
TENNESSEE-----	-	-	-	1	1	1	-	1	-	-	-	50	446	496	496	50	89						
TEXAS-----	-	-	-	5	6	6	1	7	-	-	-	164	164	164	-	33	33						
WYOMING-----	-	-	-	3	3	3	-	3	-	-	-	353	353	353	-	118	118						
TOTAL OR AVERAGE-----	-	-	1	33	34	34	13	47	-	-	-	50	2,198	2,248	2,248	50	67	66					

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
CLAY-CONTINUED: TOTAL OR AVERAGE, ALL MINES AND PLANTS:	-	-	-	3	3	3	2	5	-	-	48	48	48	-	16	16									
ALABAMA-----	-	-	-	1	1	1	-	1	-	-	38	38	38	-	38	38									
CALIFORNIA-----	-	-	-	2	2	2	2	4	-	-	173	173	173	-	86	86									
FLORIDA-----	-	-	-	12	12	12	7	19	-	-	858	858	858	-	72	72									
GEORGIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-									
KANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-									
MISSISSIPPI-----	-	-	-	2	2	2	1	3	-	-	57	57	57	-	28	28									
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	16	16	16	-	16	16									
SOUTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	99	99	99	-	99	99									
TENNESSEE-----	-	-	-	1	6	7	2	9	-	-	50	598	648	648	50	100	93								
TEXAS-----	-	-	-	5	5	5	2	7	-	-	-	164	164	164	-	33	33								
UTAH-----	-	-	-	2	2	2	3	5	-	-	-	154	154	154	-	77	77								
WYOMING-----	-	-	-	5	5	5	-	5	-	-	-	542	542	542	-	108	108								
TOTAL OR AVERAGE-----	-	-	1	40	41	41	20	61	-	-	50	2,747	2,797	2,797	50	69	68								
GRAND TOTAL OR AVERAGE:	-	-	-	3	3	3	2	5	-	-	-	48	48	48	-	16	16								
ALABAMA-----	-	-	-	1	1	1	-	1	-	-	38	38	38	-	38	38									
CALIFORNIA-----	-	-	-	2	2	2	2	4	-	-	173	173	173	-	86	86									
FLORIDA-----	-	-	-	12	12	12	7	19	-	-	858	858	858	-	72	72									
GEORGIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-									
KANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-									
MISSISSIPPI-----	-	-	-	2	2	2	1	3	-	-	57	57	57	-	28	28									
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	16	16	16	-	16	16									
SOUTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	99	99	99	-	99	99									
TENNESSEE-----	-	-	-	1	6	7	2	9	-	-	50	598	648	648	50	100	93								
TEXAS-----	-	-	-	5	5	5	2	7	-	-	-	164	164	164	-	33	33								
UTAH-----	-	-	-	2	2	2	3	5	-	-	-	154	154	154	-	77	77								
WYOMING-----	-	-	-	5	5	5	-	5	-	-	-	542	542	542	-	108	108								
TOTAL OR AVERAGE-----	-	-	1	40	41	41	20	61	-	-	50	2,747	2,797	2,797	50	69	68								
FELDSPAR: PROCESSING PLANTS:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
NORTH CAROLINA-----	-	-	-	1	1	1	1	2	-	-	33	33	33	-	33	33									
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	33	33	33	-	33	33									
TOTAL OR AVERAGE, ALL MINES AND PLANTS:	-	-	-	1	1	1	1	2	-	-	33	33	33	-	33	33									
NORTH CAROLINA-----	-	-	-	1	1	1	1	2	-	-	33	33	33	-	33	33									
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	33	33	33	-	33	33									

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
FELDSPAR-CONTINUED: GRAND TOTAL OR AVERAGE: NORTH CAROLINA-----	-	-	-	1	1	1	2	-	-	-	33	33	33	-	33	33							
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	-	-	-	33	33	33	-	33	33							
GEMSTONES: UNDERGROUND MINES: UNDERGROUND: MONTANA-----	1	-	-	-	-	1	1	6,000	-	-	-	-	6,000	-	-	6,000							
TOTAL OR AVERAGE-----	1	-	-	-	-	1	1	6,000	-	-	-	-	6,000	-	-	6,000							
SURFACE AT UNDERGROUND: VIRGINIA-----	-	-	-	1	1	1	1	-	-	-	1	1	1	-	1	1							
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	-	-	-	1	1	1	-	1	1							
TOTAL OR AVERAGE, UG: MONTANA-----	1	-	-	-	1	1	1	6,000	-	-	-	-	6,000	-	-	6,000							
VIRGINIA-----	-	-	-	1	1	1	1	-	-	-	1	1	1	-	1	1							
TOTAL OR AVERAGE-----	1	-	-	1	1	2	-	6,000	-	-	1	1	6,001	-	1	3,000							
SURFACE MINES: OPEN PIT: ARIZONA-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1							
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1							
TOTAL OR AVERAGE, SURFACE: ARIZONA-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1							
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1							
TOTAL OR AVERAGE, MINING: ARIZONA-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1							
MONTANA-----	1	-	-	-	1	1	1	6,000	-	-	-	-	6,000	-	-	6,000							
VIRGINIA-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1							
TOTAL OR AVERAGE-----	1	-	-	2	2	3	-	6,000	-	-	2	2	6,002	-	1	2,001							

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
GEMSTONES-CONTINUED: PROCESSING PLANTS:																									
MONTANA-----	-	-	-	-	1	1	1	1	-	-	-	247	247	247	-	247	247								
NORTH CAROLINA-----	-	-	-	-	1	1	1	1	-	-	-	247	247	247	-	247	247								
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	2	3	-	-	247	247	247	-	247	247								
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																									
ARIZONA-----	-	-	-	-	1	1	1	1	-	-	-	1	1	1	-	1	1								
MONTANA-----	1	-	-	-	-	1	1	1	1	2	6,000	-	-	6,000	-	6,000	6,000								
NORTH CAROLINA-----	-	-	-	-	1	1	1	1	1	-	-	247	247	247	-	247	247								
VIGINIA-----	-	-	-	-	1	1	1	1	-	1	-	1	1	1	-	1	1								
TOTAL OR AVERAGE----	1	-	-	-	3	3	4	2	6	6,000	-	-	249	249	6,249	-	83	1,562							
GRAND TOTAL OR AVERAGE:																									
ARIZONA-----	-	-	-	-	1	1	1	1	-	1	-	1	1	1	-	1	1								
MONTANA-----	1	-	-	-	-	1	1	1	1	2	6,000	-	-	6,000	-	6,000	6,000								
NORTH CAROLINA-----	-	-	-	-	1	1	1	1	1	-	-	247	247	247	-	247	247								
VIGINIA-----	-	-	-	-	1	1	1	1	-	1	-	1	1	1	-	1	1								
TOTAL OR AVERAGE----	1	-	-	-	3	3	4	2	6	6,000	-	-	249	249	6,249	-	83	1,562							
GILSONITE: UNDERGROUND MINES: UNDERGROUND: UTAH-----																									
UTAH-----	-	-	-	-	8	8	8	3	11	-	-	498	498	498	-	62	62								
TOTAL OR AVERAGE----	-	-	-	-	8	8	8	3	11	-	-	498	498	498	-	62	62								
SURFACE AT UNDERGROUND: UTAH-----	-	-	-	-	4	4	4	1	5	-	-	121	121	121	-	30	30								
TOTAL OR AVERAGE----	-	-	-	-	4	4	4	1	5	-	-	121	121	121	-	30	30								
TOTAL OR AVERAGE, UG:																									
UTAH-----	-	-	-	-	12	12	12	4	16	-	-	619	619	619	-	52	52								
TOTAL OR AVERAGE----	-	-	-	-	12	12	12	4	16	-	-	619	619	619	-	52	52								
TOTAL OR AVERAGE, MINING:																									
UTAH-----	-	-	-	-	12	12	12	4	16	-	-	619	619	619	-	52	52								
TOTAL OR AVERAGE----	-	-	-	-	12	12	12	4	16	-	-	619	619	619	-	52	52								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
GLASS CONTINUED: TOTAL OR AVERAGE, ALL MINES AND PLANTS:	-	-	-	12	12	12	4	16	-	-	-	619	619	619	-	52	52								
UTAH-----	-	-	-	12	12	12	4	16	-	-	-	619	619	619	-	52	52								
TOTAL OR AVERAGE-----	-	-	-	12	12	12	4	16	-	-	-	619	619	619	-	52	52								
GRAND TOTAL OR AVERAGE:																									
UTAH-----	-	-	-	12	12	12	4	16	-	-	-	619	619	619	-	52	52								
TOTAL OR AVERAGE-----	-	-	-	12	12	12	4	16	-	-	-	619	619	619	-	52	52								
GYPSUM: UNDERGROUND MINES:																									
UNDERGROUND:																									
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	107	107	107	-	107	107								
KANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	107	107	107	-	107	107								
CO TOTAL OR AVERAGE, UG:																									
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	107	107	107	-	107	107								
KANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	107	107	107	-	107	107								
SURFACE MINES:																									
OPEN PIT:																									
CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	53	53	53	-	26	26								
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	106	106	106	-	106	106								
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
NEVADA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-								
TEXAS-----	-	-	-	3	3	3	1	4	-	-	-	320	320	320	-	107	107								
WYOMING-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	6	6	6	5	11	-	-	-	479	479	479	-	80	80								
TOTAL OR AVERAGE, SURFACE:																									
CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	53	53	53	-	26	26								
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	106	106	106	-	106	106								
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
NEVADA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-								
TEXAS-----	-	-	-	3	3	3	1	4	-	-	-	320	320	320	-	107	107								
WYOMING-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	6	6	6	5	11	-	-	-	479	479	479	-	80	80								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
GYPSUM-CONTINUED: TOTAL OR AVERAGE, MINING:	-	-	-	2	2	2	-	2	-	-	-	53	53	53	-	26	26						
CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	213	213	213	-	106	106						
KANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
NEVADA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
TEXAS-----	-	-	-	3	3	3	1	4	-	-	-	320	320	320	-	107	107						
WYOMING-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	7	7	7	6	13	-	-	-	586	586	586	-	84	84						
PROCESSING PLANTS:																							
ARKANSAS-----	-	-	-	1	1	1	-	1	-	-	-	126	126	126	-	126	126						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	126	126	126	-	126	126						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
ARKANSAS-----	-	-	-	1	1	1	-	1	-	-	-	126	126	126	-	126	126						
CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	53	53	53	-	26	26						
IOWA-----	-	-	-	2	2	2	-	2	-	-	-	213	213	213	-	106	106						
KANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
NEVADA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
TEXAS-----	-	-	-	3	3	3	1	4	-	-	-	320	320	320	-	107	107						
WYOMING-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	8	8	8	6	14	-	-	-	712	712	712	-	89	89						
OFFICE:																							
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1						
GRAND TOTAL OR AVERAGE:																							
ARKANSAS-----	-	-	-	1	1	1	-	1	-	-	-	126	126	126	-	126	126						
CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	53	53	53	-	26	26						
IOWA-----	-	-	-	2	2	2	-	2	-	-	-	213	213	213	-	106	106						
KANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
NEVADA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1						
TEXAS-----	-	-	-	3	3	3	1	4	-	-	-	320	320	320	-	107	107						
WYOMING-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	9	9	9	6	15	-	-	-	713	713	713	-	79	79						

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
KYANITE:																									
SURFACE MINES:																									
OPEN PIT:																									
VIRGINIA-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE, SURFACE:																									
VIRGINIA-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE, MINING:																									
VIRGINIA-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-								
PROCESSING PLANTS:																									
VIRGINIA-----	-	-	-	4	4	4	1	5	-	-	-	249	249	249	-	62	62								
TOTAL OR AVERAGE-----	-	-	-	4	4	4	1	5	-	-	-	249	249	249	-	62	62								
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																									
VIRGINIA-----	-	-	-	4	4	4	2	6	-	-	-	249	249	249	-	62	62								
TOTAL OR AVERAGE-----	-	-	-	4	4	4	2	6	-	-	-	249	249	249	-	62	62								
GRAND TOTAL OR AVERAGE:																									
VIRGINIA-----	-	-	-	4	4	4	2	6	-	-	-	249	249	249	-	62	62								
TOTAL OR AVERAGE-----	-	-	-	4	4	4	2	6	-	-	-	249	249	249	-	62	62								
LEONARDITE:																									
PROCESSING PLANTS:																									
NORTH DAKOTA-----	-	-	-	1	1	1	-	1	-	-	-	58	58	58	-	58	58								
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	58	58	58	-	58	58								
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																									
NORTH DAKOTA-----	-	-	-	1	1	1	-	1	-	-	-	58	58	58	-	58	58								
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	58	58	58	-	58	58								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
LEONARDITE--CONTINUED: GRAND TOTAL OR AVERAGE: NORTH DAKOTA-----	-	-	-	1	1	1	-	1	-	-	-	58	58	58	-	58	58						
TOTAL OR AVERAGE----	-	-	-	1	1	1	-	1	-	-	-	58	58	58	-	58	58						
MAGNESITE: PROCESSING PLANTS: NEVADA-----	-	-	-	3	3	3	3	6	-	-	-	488	488	488	-	163	163						
TOTAL OR AVERAGE----	-	-	-	3	3	3	3	6	-	-	-	488	488	488	-	163	163						
TOTAL OR AVERAGE, ALL MINES AND PLANTS: NEVADA-----	-	-	-	3	3	3	3	6	-	-	-	488	488	488	-	163	163						
TOTAL OR AVERAGE----	-	-	-	3	3	3	3	6	-	-	-	488	488	488	-	163	163						
GRAND TOTAL OR AVERAGE: NEVADA-----	-	-	-	3	3	3	3	6	-	-	-	488	488	488	-	163	163						
TOTAL OR AVERAGE----	-	-	-	3	3	3	3	6	-	-	-	488	488	488	-	163	163						
MI CA: SURFACE MINES: OPEN PIT: PENNSYLVANIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE, SURFACE: PENNSYLVANIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE, MINING: PENNSYLVANIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
PROCESSING PLANTS: GEORGIA-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	31	31						
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31						
TOTAL OR AVERAGE----	-	-	-	1	1	1	1	2	-	-	-	31	31	31	-	31	31						

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
MI CA-CONTINUED: TOTAL OR AVERAGE, ALL MINES AND PLANTS:																									
GEORGIA-----	-	-	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-								
NORTH CAROLINA-----	-	-	-	-	1	-	-	1	1	1	-	-	31	31	31	-	31								
PENNSYLVANIA-----	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	-	-	31	31	31	-	31								
GRAND TOTAL OR AVERAGE:																									
GEORGIA-----	-	-	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-								
NORTH CAROLINA-----	-	-	-	-	1	1	1	1	1	1	-	-	31	31	31	-	31								
PENNSYLVANIA-----	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	-	-	31	31	31	-	31								
PERLITE:																									
SURFACE MINES:																									
OPEN PIT:																									
OREGON-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE, SURFACE:																									
OREGON-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE, MINING:																									
OREGON-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
PROCESSING PLANTS:																									
NEW MEXICO-----	-	-	-	1	1	1	1	2	-	-	-	-	22	22	22	-	22								
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	-	22	22	22	-	22								
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																									
NEW MEXICO-----	-	-	-	1	1	1	1	2	-	-	-	-	22	22	22	-	22								
OREGON-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	-	-	22	22	22	-	22								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
PERLITE-CONTINUED: GRAND TOTAL OR AVERAGE:																							
NEW MEXICO-----	-	-	-	1	1	1	2	-	-	-	22	22	22	-	22	22	22						
OREGON-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE----	-	-	-	1	1	1	3	-	-	-	22	22	22	-	22	22	22						
PHOSPHATE:																							
SURFACE MINES:																							
OPEN PIT:																							
FLORIDA-----	-	-	-	18	18	18	21	-	-	-	1,289	1,289	1,289	-	72	72	72						
IDAHO-----	-	-	-	1	1	1	1	-	-	-	41	41	41	-	41	41	41						
NORTH CAROLINA-----	-	-	-	1	1	1	1	-	-	-	8	8	8	-	8	8	8						
TOTAL OR AVERAGE----	-	-	-	20	20	20	23	-	-	-	1,338	1,338	1,338	-	67	67	67						
DREDGE:																							
FLORIDA-----	-	-	-	3	3	3	3	-	-	-	158	158	158	-	53	53	53						
TOTAL OR AVERAGE----	-	-	-	3	3	3	3	-	-	-	158	158	158	-	53	53	53						
TOTAL OR AVERAGE, SURFACE:																							
FLORIDA-----	-	-	-	21	21	21	24	-	-	-	1,447	1,447	1,447	-	69	69	69						
IDAHO-----	-	-	-	1	1	1	1	-	-	-	41	41	41	-	41	41	41						
NORTH CAROLINA-----	-	-	-	1	1	1	1	-	-	-	8	8	8	-	8	8	8						
TOTAL OR AVERAGE----	-	-	-	23	23	23	26	-	-	-	1,496	1,496	1,496	-	65	65	65						
TOTAL OR AVERAGE, MINING:																							
FLORIDA-----	-	-	-	21	21	21	24	-	-	-	1,447	1,447	1,447	-	69	69	69						
IDAHO-----	-	-	-	1	1	1	1	-	-	-	41	41	41	-	41	41	41						
NORTH CAROLINA-----	-	-	-	1	1	1	1	-	-	-	8	8	8	-	8	8	8						
TOTAL OR AVERAGE----	-	-	-	23	23	23	26	-	-	-	1,496	1,496	1,496	-	65	65	65						
PROCESSING PLANTS:																							
FLORIDA-----	-	-	-	3	3	3	4	-	-	-	419	419	419	-	140	140	140						
IDAHO-----	-	-	-	1	1	1	2	-	-	-	2	2	2	-	2	2	2						
NORTH CAROLINA-----	-	-	-	1	1	1	1	-	-	-	30	30	30	-	30	30	30						
UTAH-----	-	-	-	2	2	2	2	-	-	-	36	36	36	-	18	18	18						
TOTAL OR AVERAGE----	-	-	-	7	7	7	9	-	-	-	487	487	487	-	70	70	70						

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
PHOSPHATE-CONTINUED: TOTAL OR AVERAGE, ALL MINES AND PLANTS:					24	24	24	4	28	-	-	1,866	1,866	1,866	-	78	78						
FLORIDA-----	-	-	-	24	24	24	4	28	-	-	-	1,866	1,866	1,866	-	78	78						
IDAHO-----	-	-	-	2	2	2	1	3	-	-	-	43	43	43	-	22	22						
NORTH CAROLINA-----	-	-	-	2	2	2	1	2	-	-	-	38	38	38	-	19	19						
UTAH-----	-	-	-	2	2	2	1	2	-	-	-	36	36	36	-	18	18						
TOTAL OR AVERAGE-----	-	-	-	30	30	30	5	35	-	-	-	1,983	1,983	1,983	-	66	66						
GRAND TOTAL OR AVERAGE:					24	24	24	4	28	-	-	1,866	1,866	1,866	-	78	78						
FLORIDA-----	-	-	-	24	24	24	4	28	-	-	-	1,866	1,866	1,866	-	78	78						
IDAHO-----	-	-	-	2	2	2	1	3	-	-	-	43	43	43	-	22	22						
NORTH CAROLINA-----	-	-	-	2	2	2	1	2	-	-	-	38	38	38	-	19	19						
UTAH-----	-	-	-	2	2	2	1	2	-	-	-	36	36	36	-	18	18						
TOTAL OR AVERAGE-----	-	-	-	30	30	30	5	35	-	-	-	1,983	1,983	1,983	-	66	66						
PIGMENT: PROCESSING PLANTS:																							
TEXAS-----	-	-	-	1	1	1	1	1	-	-	-	9	9	9	-	9	9						
VIRGINIA-----	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	9	9	9	-	9	9						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
TEXAS-----	-	-	-	1	1	1	1	1	-	-	-	9	9	9	-	9	9						
VIRGINIA-----	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	9	9	9	-	9	9						
GRAND TOTAL OR AVERAGE:																							
TEXAS-----	-	-	-	1	1	1	1	1	-	-	-	9	9	9	-	9	9						
VIRGINIA-----	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	9	9	9	-	9	9						
POTASH: UNDERGROUND MINES: UNDERGROUND:																							
NEW MEXICO-----	-	-	-	10	10	10	8	18	-	-	-	1,031	1,031	1,031	-	103	103						
TOTAL OR AVERAGE-----	-	-	-	10	10	10	8	18	-	-	-	1,031	1,031	1,031	-	103	103						

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
POTASH--CONTINUED: SURFACE AT UNDERGROUND: NEW MEXICO-----	-	-	-	2	2	2	3	5	-	-	-	17	17	17	-	8	8								
TOTAL OR AVERAGE-----	-	-	-	2	2	2	3	5	-	-	-	17	17	17	-	8	8								
TOTAL OR AVERAGE, UG: NEW MEXICO-----	-	-	-	12	12	12	11	23	-	-	-	1,048	1,048	1,048	-	87	87								
TOTAL OR AVERAGE-----	-	-	-	12	12	12	11	23	-	-	-	1,048	1,048	1,048	-	87	87								
TOTAL OR AVERAGE, MINING: NEW MEXICO-----	-	-	-	12	12	12	11	23	-	-	-	1,048	1,048	1,048	-	87	87								
TOTAL OR AVERAGE-----	-	-	-	12	12	12	11	23	-	-	-	1,048	1,048	1,048	-	87	87								
PROCESSING PLANTS: NEW MEXICO-----	-	-	-	1	1	1	5	6	-	-	-	14	14	14	-	14	14								
TOTAL OR AVERAGE-----	-	-	-	1	1	1	5	6	-	-	-	14	14	14	-	14	14								
TOTAL OR AVERAGE, ALL MINES AND PLANTS: NEW MEXICO-----	-	-	-	13	13	13	16	29	-	-	-	1,062	1,062	1,062	-	82	82								
TOTAL OR AVERAGE-----	-	-	-	13	13	13	16	29	-	-	-	1,062	1,062	1,062	-	82	82								
GRAND TOTAL OR AVERAGE: NEW MEXICO-----	-	-	-	13	13	13	16	29	-	-	-	1,062	1,062	1,062	-	82	82								
TOTAL OR AVERAGE-----	-	-	-	13	13	13	16	29	-	-	-	1,062	1,062	1,062	-	82	82								
PUMICE: SURFACE MINES: OPEN PIT: CALIFORNIA-----	-	-	-	1	1	1	-	1	-	-	-	28	28	28	-	28	28								
IDAHO-----	-	-	-	1	1	1	-	1	-	-	-	95	95	95	-	95	95								
NEVADA-----	-	-	-	1	1	1	-	1	-	-	-	33	33	33	-	33	33								
NEW MEXICO-----	-	-	-	2	2	2	-	2	-	-	-	96	96	96	-	48	48								
TOTAL OR AVERAGE-----	-	-	-	5	5	5	-	5	-	-	-	252	252	252	-	50	50								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
PUMICE-CONTINUED:																							
TOTAL OR AVERAGE, SURFACE:																							
CALIFORNIA-----	-	-	-	-	1	1	1	-	-	-	-	28	28	28	-	28	28						
IDAHO-----	-	-	-	-	1	1	1	-	-	-	-	95	95	95	-	95	95						
NEVADA-----	-	-	-	-	1	1	1	-	-	-	-	33	33	33	-	33	33						
NEW MEXICO-----	-	-	-	-	2	2	2	-	-	-	-	96	96	96	-	48	48						
TOTAL OR AVERAGE-----	-	-	-	-	5	5	5	-	5	-	-	252	252	252	-	50	50						
TOTAL OR AVERAGE, MINING:																							
CALIFORNIA-----	-	-	-	-	1	1	1	-	1	-	-	28	28	28	-	28	28						
IDAHO-----	-	-	-	-	1	1	1	-	1	-	-	95	95	95	-	95	95						
NEVADA-----	-	-	-	-	1	1	1	-	1	-	-	33	33	33	-	33	33						
NEW MEXICO-----	-	-	-	-	2	2	2	-	2	-	-	96	96	96	-	48	48						
TOTAL OR AVERAGE-----	-	-	-	-	5	5	5	-	5	-	-	252	252	252	-	50	50						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
CALIFORNIA-----	-	-	-	-	1	1	1	-	1	-	-	28	28	28	-	28	28						
IDAHO-----	-	-	-	-	1	1	1	-	1	-	-	95	95	95	-	95	95						
NEVADA-----	-	-	-	-	1	1	1	-	1	-	-	33	33	33	-	33	33						
NEW MEXICO-----	-	-	-	-	2	2	2	-	2	-	-	96	96	96	-	48	48						
TOTAL OR AVERAGE-----	-	-	-	-	5	5	5	-	5	-	-	252	252	252	-	50	50						
GRAND TOTAL OR AVERAGE:																							
CALIFORNIA-----	-	-	-	-	1	1	1	-	1	-	-	28	28	28	-	28	28						
IDAHO-----	-	-	-	-	1	1	1	-	1	-	-	95	95	95	-	95	95						
NEVADA-----	-	-	-	-	1	1	1	-	1	-	-	33	33	33	-	33	33						
NEW MEXICO-----	-	-	-	-	2	2	2	-	2	-	-	96	96	96	-	48	48						
TOTAL OR AVERAGE-----	-	-	-	-	5	5	5	-	5	-	-	252	252	252	-	50	50						
SALT:																							
UNDERGROUND MINES:																							
UNDERGROUND:																							
KANSAS-----	-	-	-	-	2	2	2	2	4	-	-	62	62	62	-	31	31						
LOUISIANA-----	-	-	-	-	1	7	8	8	10	-	135	570	705	705	135	81	88						
MICHIGAN-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-						
NEW YORK-----	-	-	-	-	7	7	7	2	9	-	-	161	161	161	-	23	23						
OHIO-----	-	-	-	-	3	3	3	-	3	-	-	180	180	180	-	60	60						
TEXAS-----	-	-	-	-	1	1	1	-	1	-	-	2	2	2	-	2	2						
TOTAL OR AVERAGE-----	-	-	-	1	20	21	21	7	28	-	-	135	975	1,110	1,110	135	49	53					

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
SALT-CONTINUED: SURFACE AT UNDERGROUND:																									
KANSAS-----	-	-	-	2	2	2	1	3	-	-	-	270	270	270	-	135	135								
LOUISIANA-----	-	-	-	1	1	1	1	1	-	-	-	107	107	107	-	107	107								
NEW YORK-----	-	-	-	-	-	-	1	1	-	-	-	107	107	107	-	-	-								
OHIO-----	-	-	-	4	4	4	1	1	-	-	-	89	89	89	-	-	-								
TEXAS-----	-	-	-	4	4	4	1	4	-	-	-	89	89	89	-	22	22								
UTAH-----	-	-	-	1	1	1	1	2	-	-	-	210	210	210	-	210	210								
TOTAL OR AVERAGE-----	-	-	-	8	8	8	3	11	-	-	-	676	676	676	-	84	84								
TOTAL OR AVERAGE, UG:																									
KANSAS-----	-	-	-	2	2	2	2	4	-	-	-	62	62	62	-	31	31								
LOUISIANA-----	-	-	1	9	10	10	3	13	-	-	-	840	975	975	135	93	98								
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
NEW YORK-----	-	-	-	8	8	8	2	10	-	-	-	268	268	268	-	34	34								
OHIO-----	-	-	-	3	3	3	1	4	-	-	-	180	180	180	-	60	60								
TEXAS-----	-	-	-	5	5	5	-	5	-	-	-	91	91	91	-	18	18								
UTAH-----	-	-	-	1	1	1	1	2	-	-	-	210	210	210	-	210	210								
TOTAL OR AVERAGE-----	-	-	1	28	29	29	10	39	-	-	135	1,651	1,786	1,786	135	59	62								
TOTAL OR AVERAGE, MINING:																									
KANSAS-----	-	-	-	2	2	2	2	4	-	-	-	62	62	62	-	31	31								
LOUISIANA-----	-	-	1	9	10	10	3	13	-	-	-	840	975	975	135	93	98								
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
NEW YORK-----	-	-	-	8	8	8	2	10	-	-	-	268	268	268	-	34	34								
OHIO-----	-	-	-	3	3	3	1	4	-	-	-	180	180	180	-	60	60								
TEXAS-----	-	-	-	5	5	5	-	5	-	-	-	91	91	91	-	18	18								
UTAH-----	-	-	-	1	1	1	1	2	-	-	-	210	210	210	-	210	210								
TOTAL OR AVERAGE-----	-	-	1	28	29	29	10	39	-	-	135	1,651	1,786	1,786	135	59	62								
PROCESSING PLANTS:																									
KANSAS-----	-	-	-	2	2	2	-	2	-	-	-	143	143	143	-	72	72								
TEXAS-----	-	-	1	1	1	1	1	2	-	-	-	76	76	76	-	76	76								
TOTAL OR AVERAGE-----	-	-	-	3	3	3	1	4	-	-	-	219	219	219	-	73	73								
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																									
KANSAS-----	-	-	-	4	4	4	2	6	-	-	-	205	205	205	-	51	51								
LOUISIANA-----	-	-	1	9	10	10	3	13	-	-	-	840	975	975	135	93	98								
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
NEW YORK-----	-	-	-	8	8	8	2	10	-	-	-	268	268	268	-	34	34								
OHIO-----	-	-	-	3	3	3	1	4	-	-	-	180	180	180	-	60	60								
TEXAS-----	-	-	-	6	6	6	1	7	-	-	-	167	167	167	-	28	28								
UTAH-----	-	-	-	1	1	1	1	2	-	-	-	210	210	210	-	210	210								
TOTAL OR AVERAGE-----	-	-	1	31	32	32	11	43	-	-	135	1,870	2,005	2,005	135	60	63								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
SALT-CONTINUED: OFFICE: LOUISIANA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
GRAND TOTAL OR AVERAGE:																									
KANSAS-----	-	-	-	4	4	4	2	6	-	-	-	205	205	205	-	51	51								
LOUISIANA-----	-	-	1	9	10	10	4	14	-	-	135	840	975	975	135	93	98								
MICHIGAN-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-								
NEW YORK-----	-	-	-	8	8	8	2	10	-	-	-	268	268	268	-	34	34								
OHIO-----	-	-	-	3	3	3	1	4	-	-	-	180	180	180	-	60	60								
TEXAS-----	-	-	-	6	6	6	1	7	-	-	-	167	167	167	-	28	28								
UTAH-----	-	-	-	1	1	1	1	2	-	-	-	210	210	210	-	210	210								
TOTAL OR AVERAGE-----	-	-	1	31	32	32	12	44	-	-	135	1,870	2,005	2,005	135	60	63								
SHALE: SURFACE MINES: OPEN PIT:																									
ALABAMA-----	1	-	-	-	-	1	1	-	1	6,000	-	-	-	-	6,000	-	6,000								
COLORADO-----	-	-	-	1	1	1	3	4	-	-	-	20	20	20	-	20	20								
INDIANA-----	-	-	-	4	4	4	1	5	-	-	-	2	2	2	-	2	2								
NEW YORK-----	-	-	-	2	2	2	-	2	-	-	-	117	117	117	-	29	29								
TEXAS-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	3	3								
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	8	8	8	-	8	8								
TOTAL OR AVERAGE-----	1	-	-	9	9	10	4	14	6,000	-	-	153	153	6,153	-	17	615								
TOTAL OR AVERAGE, SURFACE:																									
ALABAMA-----	1	-	-	-	-	1	1	-	1	6,000	-	-	-	-	6,000	-	6,000								
COLORADO-----	-	-	-	1	1	1	3	4	-	-	-	20	20	20	-	20	20								
INDIANA-----	-	-	-	4	4	4	1	5	-	-	-	2	2	2	-	2	2								
NEW YORK-----	-	-	-	2	2	2	-	2	-	-	-	117	117	117	-	29	29								
TEXAS-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	3	3								
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	8	8	8	-	8	8								
TOTAL OR AVERAGE-----	1	-	-	9	9	10	4	14	6,000	-	-	153	153	6,153	-	17	615								
TOTAL OR AVERAGE, MINING:																									
ALABAMA-----	1	-	-	-	-	1	1	-	1	6,000	-	-	-	-	6,000	-	6,000								
COLORADO-----	-	-	-	1	1	1	3	4	-	-	-	20	20	20	-	20	20								
INDIANA-----	-	-	-	1	1	1	3	4	-	-	-	2	2	2	-	2	2								
NEW YORK-----	-	-	-	4	4	4	1	5	-	-	-	117	117	117	-	29	29								
TEXAS-----	-	-	-	2	2	2	-	2	-	-	-	6	6	6	-	3	3								
UTAH-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8								
TOTAL OR AVERAGE-----	1	-	-	9	9	10	4	14	6,000	-	-	153	153	6,153	-	17	615								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
SHALE-CONTINUED: PROCESSING PLANTS:																									
MISSOURI-----	-	-	-	-	-	1	1	-	-	-	-	875	135	1,010	1,010	875	34	202							
NEW YORK-----	-	-	-	4	5	5	1	6	-	-	-	29	29	29	29	-	14	14							
NORTH CAROLINA-----	-	-	-	2	2	2	3	5	-	-	-	211	211	211	211	-	35	35							
TEXAS-----	-	-	-	6	6	6	-	-	-	-	-	92	92	92	92	-	92	92							
VIRGINIA-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-							
TOTAL OR AVERAGE----	-	-	1	13	14	14	5	19	-	-	875	467	1,342	1,342	875	36	96								
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																									
ALABAMA-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000	6,000							
COLORADO-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	20	-	20	20							
INDIANA-----	-	-	-	1	1	1	3	4	-	-	-	2	2	2	2	-	2	2							
MISSOURI-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-							
NEW YORK-----	-	-	1	8	9	9	2	11	-	-	875	252	1,127	1,127	875	32	125								
NORTH CAROLINA-----	-	-	-	2	2	2	3	5	-	-	-	29	29	29	29	-	14	14							
TEXAS-----	-	-	8	8	8	-	8	-	-	-	-	217	217	217	217	-	27	27							
UTAH-----	-	-	1	1	1	-	1	-	-	-	-	8	8	8	8	-	8	8							
VIRGINIA-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	92	-	92	92							
TOTAL OR AVERAGE----	1	-	1	22	23	24	9	33	6,000	-	875	620	1,495	7,495	875	28	312								
GRAND TOTAL OR AVERAGE:																									
ALABAMA-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000	6,000							
COLORADO-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	20	-	20	20							
INDIANA-----	-	-	-	1	1	1	3	4	-	-	-	2	2	2	2	-	2	2							
MISSOURI-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-							
NEW YORK-----	-	-	1	8	9	9	2	11	-	-	875	252	1,127	1,127	875	32	125								
NORTH CAROLINA-----	-	-	-	2	2	2	3	5	-	-	-	29	29	29	29	-	14	14							
TEXAS-----	-	-	8	8	8	-	8	-	-	-	-	217	217	217	217	-	27	27							
UTAH-----	-	-	1	1	1	-	1	-	-	-	-	8	8	8	8	-	8	8							
VIRGINIA-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	92	-	92	92							
TOTAL OR AVERAGE----	1	-	1	22	23	24	9	33	6,000	-	875	620	1,495	7,495	875	28	312								
SODIUM COMPOUNDS:																									
UNDERGROUND MINES:																									
UNDERGROUND:																									
WYOMING-----	-	-	-	15	15	15	6	21	-	-	-	764	764	764	764	-	51	51							
TOTAL OR AVERAGE----	-	-	-	15	15	15	6	21	-	-	-	764	764	764	764	-	51	51							
SURFACE AT UNDERGROUND:																									
WYOMING-----	-	-	-	2	2	2	4	6	-	-	-	149	149	149	149	-	74	74							
TOTAL OR AVERAGE----	-	-	-	2	2	2	4	6	-	-	-	149	149	149	149	-	74	74							

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY									
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL												
		TOTAL	PARTIAL						TOTAL	PARTIAL														
SODIUM COMPOUNDS--CONTINUED: TOTAL OR AVERAGE, UG: WYOMING-----	-	-	-	17	17	17	10	27	-	-	-	913	913	913	-	54	54							
TOTAL OR AVERAGE-----	-	-	-	17	17	17	10	27	-	-	-	913	913	913	-	54	54							
TOTAL OR AVERAGE, MINING: WYOMING-----	-	-	-	17	17	17	10	27	-	-	-	913	913	913	-	54	54							
TOTAL OR AVERAGE-----	-	-	-	17	17	17	10	27	-	-	-	913	913	913	-	54	54							
PROCESSING PLANTS: WYOMING-----	-	-	-	12	12	12	5	17	-	-	-	775	775	775	-	65	65							
TOTAL OR AVERAGE-----	-	-	-	12	12	12	5	17	-	-	-	775	775	775	-	65	65							
TOTAL OR AVERAGE, ALL MINES AND PLANTS: WYOMING-----	-	-	-	29	29	29	15	44	-	-	-	1,688	1,688	1,688	-	58	58							
TOTAL OR AVERAGE-----	-	-	-	29	29	29	15	44	-	-	-	1,688	1,688	1,688	-	58	58							
GRAND TOTAL OR AVERAGE: WYOMING-----	-	-	-	29	29	29	15	44	-	-	-	1,688	1,688	1,688	-	58	58							
TOTAL OR AVERAGE-----	-	-	-	29	29	29	15	44	-	-	-	1,688	1,688	1,688	-	58	58							
TALC-SOAPSTONE: PROCESSING PLANTS: NEW YORK-----	-	-	-	1	1	1	1	2	-	-	-	32	32	32	-	32	32							
TEXAS-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-							
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	-	32	32	32	-	32	32							
TOTAL OR AVERAGE, ALL MINES AND PLANTS: NEW YORK-----	-	-	-	1	1	1	1	2	-	-	-	32	32	32	-	32	32							
TEXAS-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-							
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	-	32	32	32	-	32	32							
GRAND TOTAL OR AVERAGE: NEW YORK-----	-	-	-	1	1	1	1	2	-	-	-	32	32	32	-	32	32							
TEXAS-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-							
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	-	32	32	32	-	32	32							

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
WOLLASTONITE-STAUROLITE: SURFACE MINES:																									
OPEN PIT:																									
WYOMING-----	-	-	-	9	9	9	2	11	-	-	-	455	455	455	-	51	51								
TOTAL OR AVERAGE----	-	-	-	9	9	9	2	11	-	-	-	455	455	455	-	51	51								
DREDGE:																									
FLORIDA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE, SURFACE:																									
FLORIDA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	51	51								
WYOMING-----	-	-	-	9	9	9	2	11	-	-	-	455	455	455	-	51	51								
TOTAL OR AVERAGE----	-	-	-	9	9	9	3	12	-	-	-	455	455	455	-	51	51								
TOTAL OR AVERAGE, MINING:																									
FLORIDA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	51	51								
WYOMING-----	-	-	-	9	9	9	2	11	-	-	-	455	455	455	-	51	51								
TOTAL OR AVERAGE----	-	-	-	9	9	9	3	12	-	-	-	455	455	455	-	51	51								
PROCESSING PLANTS:																									
FLORIDA-----	-	-	-	1	1	1	-	1	-	-	-	29	29	29	-	29	29								
GEORGIA-----	-	-	-	2	2	2	3	5	-	-	-	187	187	187	-	94	94								
MISSISSIPPI-----	-	-	-	1	1	1	-	1	-	-	-	65	65	65	-	65	65								
MISSOURI-----	-	-	-	1	1	1	1	2	-	-	-	16	16	16	-	16	16								
NEVADA-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3								
SOUTH CAROLINA-----	-	-	-	2	2	2	-	2	-	-	-	21	21	21	-	10	10								
SOUTH DAKOTA-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	-	20	20								
VIRGINIA-----	-	-	-	5	5	5	1	6	-	-	-	207	207	207	-	41	41								
WYOMING-----	-	-	-	10	10	10	7	17	-	-	-	555	555	555	-	56	56								
TOTAL OR AVERAGE----	-	-	-	24	24	24	12	36	-	-	-	1,103	1,103	1,103	-	46	46								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
WOLASTNITE-STAUROLITE-CONTINUED: TOTAL OR AVERAGE, ALL MINES AND PLANTS:	-	-	-	1	1	1	2	-	-	-	29	29	29	-	29	29									
FLORIDA-----	-	-	-	2	2	2	5	-	-	-	187	187	187	-	94	94									
GEORGIA-----	-	-	-	1	1	1	1	-	-	-	65	65	65	-	65	65									
MISSISSIPPI-----	-	-	-	1	1	1	1	-	-	-	16	16	16	-	16	16									
MISSOURI-----	-	-	-	1	1	1	1	-	-	-	3	3	3	-	3	3									
NEVADA-----	-	-	-	1	1	1	1	-	-	-	21	21	21	-	10	10									
SOUTH CAROLINA-----	-	-	-	2	2	2	2	-	-	-	20	20	20	-	20	20									
SOUTH DAKOTA-----	-	-	-	1	1	1	1	-	-	-	207	207	207	-	41	41									
VIRGINIA-----	-	-	-	5	5	5	6	-	-	-	1,010	1,010	1,010	-	53	53									
WYOMING-----	-	-	-	19	19	19	28	-	-	-	1,010	1,010	1,010	-	53	53									
TOTAL OR AVERAGE-----	-	-	-	33	33	33	48	-	-	-	1,558	1,558	1,558	-	47	47									
GRAND TOTAL OR AVERAGE:	-	-	-	1	1	1	2	-	-	-	29	29	29	-	29	29									
FLORIDA-----	-	-	-	2	2	2	5	-	-	-	187	187	187	-	94	94									
GEORGIA-----	-	-	-	1	1	1	1	-	-	-	65	65	65	-	65	65									
MISSISSIPPI-----	-	-	-	1	1	1	1	-	-	-	16	16	16	-	16	16									
MISSOURI-----	-	-	-	1	1	1	1	-	-	-	3	3	3	-	3	3									
NEVADA-----	-	-	-	1	1	1	1	-	-	-	21	21	21	-	10	10									
SOUTH CAROLINA-----	-	-	-	2	2	2	2	-	-	-	20	20	20	-	20	20									
SOUTH DAKOTA-----	-	-	-	1	1	1	1	-	-	-	207	207	207	-	41	41									
VIRGINIA-----	-	-	-	5	5	5	6	-	-	-	1,010	1,010	1,010	-	53	53									
WYOMING-----	-	-	-	19	19	19	28	-	-	-	1,010	1,010	1,010	-	53	53									
TOTAL OR AVERAGE-----	-	-	-	33	33	33	48	-	-	-	1,558	1,558	1,558	-	47	47									
OTHER NONMETAL, NEC: UNDERGROUND MINES:	-	-	-	8	8	8	8	-	-	-	222	222	222	-	28	28									
UNDERGROUND:	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-									
IOWA-----	-	-	-	8	8	8	8	-	-	-	222	222	222	-	28	28									
WISCONSIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-									
TOTAL OR AVERAGE-----	-	-	-	8	8	8	9	-	-	-	222	222	222	-	28	28									
SURFACE AT UNDERGROUND:	-	-	-	7	7	7	9	-	-	-	410	410	410	-	59	59									
IOWA-----	-	-	-	7	7	7	9	-	-	-	410	410	410	-	59	59									
TOTAL OR AVERAGE-----	-	-	-	7	7	7	9	-	-	-	410	410	410	-	59	59									
TOTAL OR AVERAGE, UG:	-	-	-	15	15	15	17	-	-	-	632	632	632	-	42	42									
IOWA-----	-	-	-	15	15	15	17	-	-	-	632	632	632	-	42	42									
WISCONSIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-									
TOTAL OR AVERAGE-----	-	-	-	15	15	15	18	-	-	-	632	632	632	-	42	42									

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
OTHER NONMTLS NEC-CONTINUED: SURFACE MINES: OPEN PIT:	-	-	-	1	1	1	-	-	-	-	59	59	59	-	59	59							
CALIFORNIA-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1							
FLORIDA-----	-	-	-	1	1	1	-	1	-	-	25	25	25	-	25	25							
NEVADA-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-							
NEW MEXICO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-							
UTAH-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-							
WASHINGTON-----	-	-	-	2	2	2	-	1	-	-	17	17	17	-	8	8							
WISCONSIN-----	-	-	-	2	2	2	-	2	-	-	34	34	34	-	17	17							
TOTAL OR AVERAGE-----	-	-	-	7	7	7	3	10	-	-	136	136	136	-	19	19							
TOTAL OR AVERAGE, SURFACE:	-	-	-	1	1	1	-	1	-	-	59	59	59	-	59	59							
CALIFORNIA-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1							
FLORIDA-----	-	-	-	1	1	1	-	1	-	-	25	25	25	-	25	25							
NEVADA-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-							
NEW MEXICO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-							
UTAH-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-							
WASHINGTON-----	-	-	-	2	2	2	1	3	-	-	17	17	17	-	8	8							
WISCONSIN-----	-	-	-	2	2	2	-	2	-	-	34	34	34	-	17	17							
TOTAL OR AVERAGE-----	-	-	-	7	7	7	3	10	-	-	136	136	136	-	19	19							
TOTAL OR AVERAGE, MINING:	-	-	-	1	1	1	-	1	-	-	59	59	59	-	59	59							
CALIFORNIA-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1							
FLORIDA-----	-	-	-	1	1	1	-	1	-	-	632	632	632	-	42	42							
IDAHO-----	-	-	-	15	15	15	2	17	-	-	632	632	632	-	42	42							
LOUISIANA-----	-	-	-	1	1	1	-	1	-	-	25	25	25	-	25	25							
NEVADA-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-							
NEW MEXICO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-							
UTAH-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-							
WASHINGTON-----	-	-	-	2	2	2	1	3	-	-	17	17	17	-	8	8							
WISCONSIN-----	-	-	-	2	2	2	1	3	-	-	34	34	34	-	17	17							
TOTAL OR AVERAGE-----	-	-	-	22	22	22	6	28	-	-	768	768	768	-	35	35							
PROCESSING PLANTS:	-	-	-	3	3	3	4	7	-	-	214	214	214	-	71	71							
CALIFORNIA-----	-	-	-	3	3	3	-	3	-	-	377	377	377	-	126	126							
IDAHO-----	-	-	-	3	3	3	-	3	-	-	114	114	114	-	114	114							
LOUISIANA-----	-	-	-	1	1	1	1	2	-	-	746	746	746	-	93	93							
NEVADA-----	-	-	-	8	8	8	4	12	-	-	6	6	6	-	6	6							
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	-	40	40	40	-	40	40							
NEW MEXICO-----	-	-	-	1	1	1	1	2	-	-	296	296	296	-	148	148							
NEW YORK-----	-	-	-	2	2	2	1	3	-	-	7	7	7	-	7	7							
OREGON-----	-	-	-	1	1	1	1	2	-	-	9	9	9	-	4	4							
PENNSYLVANIA-----	-	-	-	2	2	2	1	3	-	-	372	372	372	-	124	124							
WASHINGTON-----	-	-	-	3	3	3	2	5	-	-	19	19	19	-	10	10							
WISCONSIN-----	-	-	-	2	2	2	1	3	-	-	-	-	-	-	-	-							
TOTAL OR AVERAGE-----	-	-	-	27	27	27	16	43	-	-	2,200	2,200	2,200	-	81	81							

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
OTHER NONMTLS NEC-CONTINUED: TOTAL OR AVERAGE, ALL MINES AND PLANTS:	-	-	-	4	4	4	8	-	-	-	273	273	273	-	68	68							
CALIFORNIA-----	-	-	-	1	1	1	1	-	-	-	1	1	1	-	1	1							
FLORIDA-----	-	-	-	3	3	3	3	-	-	-	377	377	377	-	126	126							
IDAHO-----	-	-	-	15	15	15	2	17	-	-	632	632	632	-	42	42							
IAWA-----	-	-	-	1	1	1	2	-	-	-	114	114	114	-	114	114							
LOUISIANA-----	-	-	-	1	1	1	2	-	-	-	771	771	771	-	86	86							
NEVADA-----	-	-	-	9	9	9	4	13	-	-	6	6	6	-	6	6							
NEW JERSEY-----	-	-	-	1	1	1	-	3	-	-	40	40	40	-	40	40							
NEW MEXICO-----	-	-	-	1	1	1	2	3	-	-	296	296	296	-	148	148							
NEW YORK-----	-	-	-	2	2	2	1	3	-	-	-	-	-	-	-	-							
OREGON-----	-	-	-	1	1	1	1	2	-	-	7	7	7	-	7	7							
PENNSYLVANIA-----	-	-	-	2	2	2	1	3	-	-	9	9	9	-	4	4							
UTAH-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-							
WASHINGTON-----	-	-	-	5	5	5	3	8	-	-	389	389	389	-	78	78							
WISCONSIN-----	-	-	-	4	4	4	2	6	-	-	53	53	53	-	13	13							
TOTAL OR AVERAGE----	-	-	-	49	49	49	22	71	-	-	2,968	2,968	2,968	-	61	61							
GRAND TOTAL OR AVERAGE:	-	-	-	4	4	4	4	8	-	-	273	273	273	-	68	68							
CALIFORNIA-----	-	-	-	1	1	1	1	1	-	-	1	1	1	-	1	1							
FLORIDA-----	-	-	-	3	3	3	3	3	-	-	377	377	377	-	126	126							
IDAHO-----	-	-	-	15	15	15	2	17	-	-	632	632	632	-	42	42							
IAWA-----	-	-	-	1	1	1	2	-	-	-	114	114	114	-	114	114							
LOUISIANA-----	-	-	-	9	9	9	4	13	-	-	771	771	771	-	86	86							
NEVADA-----	-	-	-	1	1	1	-	1	-	-	6	6	6	-	6	6							
NEW JERSEY-----	-	-	-	1	1	1	-	3	-	-	40	40	40	-	40	40							
NEW MEXICO-----	-	-	-	1	1	1	2	3	-	-	296	296	296	-	148	148							
NEW YORK-----	-	-	-	2	2	2	1	3	-	-	7	7	7	-	7	7							
OREGON-----	-	-	-	1	1	1	1	2	-	-	9	9	9	-	4	4							
PENNSYLVANIA-----	-	-	-	2	2	2	1	3	-	-	-	-	-	-	-	-							
UTAH-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-							
WASHINGTON-----	-	-	-	5	5	5	3	8	-	-	389	389	389	-	78	78							
WISCONSIN-----	-	-	-	4	4	4	2	6	-	-	53	53	53	-	13	13							
TOTAL OR AVERAGE----	-	-	-	49	49	49	22	71	-	-	2,968	2,968	2,968	-	61	61							

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
ALL NONMETALLIC MINERALS: UNDERGROUND MINES: UNDERGROUND:																									
IOWA-----	-	-	-	9	9	9	-	-	-	-	329	329	329	-	37	37									
KANSAS-----	-	-	1	2	2	2	3	5	-	-	62	62	62	-	31	31									
LOUISIANA-----	-	-	1	7	8	8	2	10	-	135	570	705	705	135	81	88									
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-									
MONTANA-----	1	-	-	-	-	1	-	1	-	-	-	-	-	-	-	6,000									
NEW MEXICO-----	-	-	-	10	10	10	8	18	-	-	1,031	1,031	1,031	-	103	103									
NEW YORK-----	-	-	-	7	7	7	2	9	-	-	161	161	161	-	23	23									
OHIO-----	-	-	-	3	3	3	-	3	-	-	180	180	180	-	60	60									
TEXAS-----	-	-	-	1	1	1	-	1	-	-	2	2	2	-	2	2									
UTAH-----	-	-	-	10	10	10	3	13	-	-	652	652	652	-	65	65									
WISCONSIN-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-									
WYOMING-----	-	-	-	15	15	15	6	21	-	-	764	764	764	-	51	51									
TOTAL OR AVERAGE-----	1	-	1	64	65	66	26	92	6,000	-	135	3,751	3,886	9,886	135	59	150								
SURFACE AT UNDERGROUND:																									
IOWA-----	-	-	-	7	7	7	2	9	-	-	410	410	410	-	59	59									
LOUISIANA-----	-	-	2	2	2	2	1	3	-	-	270	270	270	-	135	135									
NEW MEXICO-----	-	-	2	2	2	2	3	5	-	-	17	17	17	-	8	8									
NEW YORK-----	-	-	1	1	1	1	-	1	-	-	107	107	107	-	107	107									
OHIO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-									
TEXAS-----	-	-	4	4	4	4	-	4	-	-	89	89	89	-	22	22									
UTAH-----	-	-	5	5	5	5	5	10	-	-	331	331	331	-	66	66									
VIRGINIA-----	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	1									
WYOMING-----	-	-	2	2	2	2	4	6	-	-	149	149	149	-	74	74									
TOTAL OR AVERAGE-----	-	-	-	24	24	24	16	40	-	-	1,374	1,374	1,374	-	57	57									
TOTAL OR AVERAGE, UG:																									
IOWA-----	-	-	-	16	16	16	2	18	-	-	739	739	739	-	46	46									
KANSAS-----	-	-	2	2	2	2	3	5	-	-	62	62	62	-	31	31									
LOUISIANA-----	-	-	1	9	10	10	3	13	-	135	840	975	975	135	93	98									
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-									
MONTANA-----	1	-	-	-	-	1	-	1	-	-	-	-	-	-	-	6,000									
NEW MEXICO-----	-	-	-	12	12	12	11	23	-	-	1,048	1,048	1,048	-	87	87									
NEW YORK-----	-	-	8	8	8	8	2	10	-	-	268	268	268	-	34	34									
OHIO-----	-	-	3	3	3	3	1	4	-	-	180	180	180	-	60	60									
TEXAS-----	-	-	5	5	5	5	-	5	-	-	91	91	91	-	18	18									
UTAH-----	-	-	15	15	15	15	8	23	-	-	983	983	983	-	66	66									
VIRGINIA-----	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	1									
WISCONSIN-----	-	-	-	17	17	17	10	27	-	-	913	913	913	-	54	54									
TOTAL OR AVERAGE-----	1	-	1	88	89	90	42	132	6,000	-	135	5,125	5,260	11,260	135	58	125								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
ALL NONMETALLIC-CONTINUED: SURFACE MINES: OPEN PIT:																							
ALABAMA-----	1	-	-	-	1	1	-	1	6,000	-	-	-	6,000	-	-	6,000	1						
ARIZONA-----	-	-	-	1	1	1	-	1	-	-	1	1	-	-	-	1	1						
CALIFORNIA-----	-	-	-	6	6	6	1	7	-	-	215	215	215	-	36	36	36						
COLORADO-----	-	-	-	1	1	1	-	1	-	-	20	20	20	-	20	20	20						
FLORIDA-----	-	-	-	19	19	19	3	22	-	-	1,290	1,290	1,290	-	68	68	68						
GEORGIA-----	-	-	-	2	2	2	-	2	-	-	136	136	136	-	68	68	68						
IDAHO-----	-	-	-	1	1	1	3	4	-	-	2	2	2	-	2	2	2						
INDIANA-----	-	-	-	1	1	1	-	1	-	-	106	106	106	-	106	106	106						
IRVING-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-						
ILLINOIS-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-						
INDIANAPOLIS-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-						
KANSAS-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-						
LAWRENCE-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-						
LOUISIANA-----	-	-	-	2	2	2	2	4	-	-	58	58	58	-	29	29	29						
MAINE-----	-	-	-	2	2	2	1	3	-	-	96	96	96	-	48	48	48						
MASSACHUSETTS-----	-	-	-	4	4	4	1	5	-	-	117	117	117	-	29	29	29						
MISSOURI-----	-	-	-	2	2	2	-	2	-	-	24	24	24	-	12	12	12						
MISSISSIPPI-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
MISSOURI-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
PENNSYLVANIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TEXAS-----	-	-	-	5	5	5	2	7	-	-	326	326	326	-	65	65	65						
UTAH-----	-	-	-	1	1	1	1	2	-	-	8	8	8	-	8	8	8						
VIRGINIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
WASHINGTON-----	-	-	-	2	2	2	1	3	-	-	17	17	17	-	8	8	8						
WISCONSIN-----	-	-	-	2	2	2	-	2	-	-	34	34	34	-	17	17	17						
WYOMING-----	-	-	-	11	11	11	3	14	-	-	644	644	644	-	59	59	59						
TOTAL OR AVERAGE----	1	-	-	63	63	64	25	89	6,000	-	3,246	3,246	9,246	-	52	144							
DREDGE:																							
FLORIDA-----	-	-	-	3	3	3	1	4	-	-	158	158	158	-	53	53	53						
TOTAL OR AVERAGE----	-	-	-	3	3	3	1	4	-	-	158	158	158	-	53	53	53						

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
ALL NONMETALLIC-CONTINUED: TOTAL OR AVERAGE, SURFACE:																							
ALABAMA-----	1	-	-	-	-	1	1	-	1	-	-	-	6,000	-	-	-	6,000						
ARIZONA-----	-	-	-	-	1	1	1	-	1	-	1	1	-	-	-	1	1						
CALIFORNIA-----	-	-	-	6	6	6	1	-	7	-	-	-	-	215	215	-	36	36					
COLORADO-----	-	-	-	1	1	1	-	-	1	-	-	-	-	20	20	-	20	20					
FLORIDA-----	-	-	-	22	22	22	4	-	26	-	-	-	-	-	1,448	1,448	1,448	66	66				
GEORGIA-----	-	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-					
IDAHO-----	-	-	-	2	2	2	-	-	2	-	-	-	-	136	136	-	68	68					
INDIANA-----	-	-	-	1	1	1	3	-	4	-	-	-	-	2	2	-	2	2					
IAOWA-----	-	-	-	1	1	1	-	1	1	-	-	-	-	106	106	106	106	106					
MICHIGAN-----	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-					
NEVADA-----	-	-	-	2	2	2	2	-	4	-	-	-	-	58	58	58	29	29					
NEW MEXICO-----	-	-	-	2	2	2	1	-	3	-	-	-	-	96	96	96	48	48					
NEW YORK-----	-	-	-	4	4	4	1	-	5	-	-	-	-	117	117	117	29	29					
NORTH CAROLINA-----	-	-	-	2	2	2	-	2	2	-	-	-	-	24	24	24	12	12					
OREGON-----	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-					
PENNSYLVANIA-----	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-					
TEXAS-----	-	-	-	5	5	5	2	-	7	-	-	-	-	152	152	152	152	152					
UTAH-----	-	-	-	1	1	1	1	-	2	-	-	-	-	326	326	326	65	65					
VERMONT-----	-	-	-	-	-	-	1	-	1	-	-	-	-	8	8	8	8	8					
WASHINGTON-----	-	-	-	2	2	2	1	-	3	-	-	-	-	17	17	17	8	8					
WISCONSIN-----	-	-	-	2	2	2	-	2	2	-	-	-	-	34	34	34	17	17					
WYOMING-----	-	-	-	11	11	11	3	-	14	-	-	-	-	644	644	644	59	59					
TOTAL OR AVERAGE----	1	-	-	66	66	67	26	93	6,000	-	-	-	-	3,404	3,404	9,404	-	140					

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
ALL NONMETALLIC-CONTINUED: TOTAL OR AVERAGE, MINING:																									
ALABAMA-----	1	-	-	-	-	1	1	-	1	-	-	6,000	-	-	6,000	-	-	6,000							
ARIZONA-----	-	-	-	1	1	1	1	-	-	-	-	1	1	-	1	1	-	1							
CALIFORNIA-----	-	-	-	6	6	6	1	7	-	-	-	215	215	-	36	36	-								
COLORADO-----	-	-	-	1	1	1	-	1	-	-	-	20	20	-	20	20	-								
FLORIDA-----	-	-	-	22	22	22	4	26	-	-	-	1,448	1,448	1,448	-	66	66								
GEORGIA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-							
IDAHO-----	-	-	-	2	2	2	-	2	-	-	-	136	136	136	-	68	68								
INDIANA-----	-	-	-	1	1	1	3	4	-	-	-	2	2	-	2	2	-								
IAOWA-----	-	-	-	17	17	17	2	19	-	-	-	845	845	845	-	50	50								
KANSAS-----	-	-	-	2	2	2	3	5	-	-	-	62	62	62	-	31	31								
LOUISIANA-----	-	-	1	9	10	10	3	13	-	-	-	135	840	975	975	135	93	98							
MICHIGAN-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-							
MONTANA-----	1	-	-	-	-	1	1	6,000	-	-	-	-	-	-	6,000	-	-	6,000							
NEVADA-----	-	-	-	2	2	2	2	4	-	-	-	58	58	58	-	29	29								
NEW MEXICO-----	-	-	-	14	14	14	12	26	-	-	-	1,144	1,144	1,144	-	82	82								
NEW YORK-----	-	-	-	12	12	12	3	15	-	-	-	385	385	385	-	32	32								
NORTH CAROLINA-----	-	-	-	2	2	2	-	2	-	-	-	24	24	24	-	12	12								
OHIO-----	-	-	-	3	3	3	1	4	-	-	-	180	180	180	-	60	60								
OREGON-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-							
PENNSYLVANIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-							
TENNESSEE-----	-	-	-	1	1	1	1	2	-	-	-	152	152	152	-	152	152								
TEXAS-----	-	-	-	10	10	10	2	12	-	-	-	417	417	417	-	42	42								
UTAH-----	-	-	-	16	16	16	9	25	-	-	-	991	991	991	-	62	62								
VERMONT-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1								
WASHINGTON-----	-	-	-	2	2	2	1	3	-	-	-	17	17	17	-	8	8								
WISCONSIN-----	-	-	-	2	2	2	1	3	-	-	-	34	34	34	-	17	17								
WYOMING-----	-	-	-	28	28	28	13	41	-	-	-	1,557	1,557	1,557	-	56	56								
TOTAL OR AVERAGE-----	2	-	1	154	155	157	68	225	12,000	-	135	8,529	8,664	20,664	135	55	132								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
ALL NONMETALLIC-CONTINUED: PROCESSING PLANTS:																							
ALABAMA-----	-	-	-	3	3	3	2	5	-	-	48	48	48	-	16	16							
ARKANSAS-----	-	-	1	1	1	-	1	126	126	126	126	126	126	-	126	126							
CALIFORNIA-----	-	-	3	3	3	7	10	-	-	214	214	214	-	71	71								
FLORIDA-----	-	-	6	6	6	3	9	-	-	621	621	621	-	104	104								
GEORGIA-----	-	-	15	15	15	9	24	-	-	1,052	1,052	1,052	-	70	70								
IDAHO-----	-	-	4	4	4	1	5	-	-	379	379	379	-	95	95								
KANSAS-----	-	-	2	2	2	1	3	-	-	143	143	143	-	72	72								
LOUISIANA-----	-	-	2	2	2	3	5	-	-	134	134	134	-	67	67								
MISSISSIPPI-----	-	-	3	3	3	1	4	-	-	122	122	122	-	41	41								
MISSOURI-----	-	-	1	1	1	2	3	-	-	16	16	16	-	16	16								
MONTANA-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-							
NEVADA-----	-	-	18	18	18	7	25	-	-	1,408	1,408	1,408	-	78	78								
NEW JERSEY-----	-	-	1	1	1	-	1	-	-	6	6	6	-	6	6								
NEW MEXICO-----	-	-	3	3	3	7	10	-	-	76	76	76	-	25	25								
NEW YORK-----	-	1	7	8	8	3	11	-	875	463	1,338	1,338	875	66	167								
NORTH CAROLINA-----	-	-	6	6	6	5	11	-	-	370	370	370	-	62	62								
NORTH DAKOTA-----	-	-	1	1	1	-	1	-	-	58	58	58	-	58	58								
OREGON-----	-	-	1	1	1	1	2	-	-	7	7	7	-	7	7								
PENNSYLVANIA-----	-	-	2	2	2	1	3	-	-	9	9	9	-	4	4								
SOUTH CAROLINA-----	-	-	3	3	3	2	5	-	-	120	120	120	-	40	40								
SOUTH DAKOTA-----	-	-	1	1	1	-	1	-	-	20	20	20	-	20	20								
TENNESSEE-----	-	1	5	6	6	2	8	-	50	446	496	496	50	89	83								
TEXAS-----	-	-	17	17	17	6	23	-	-	645	645	645	-	38	38								
UTAH-----	-	-	2	2	2	-	2	-	-	36	36	36	-	18	18								
VERMONT-----	-	-	10	10	10	3	13	-	-	548	548	548	-	55	55								
WASHINGTON-----	-	-	3	3	3	2	5	-	-	372	372	372	-	124	124								
WISCONSIN-----	-	-	2	2	2	1	3	-	-	19	19	19	-	10	10								
WYOMING-----	-	-	25	25	25	12	37	-	-	1,683	1,683	1,683	-	67	67								
TOTAL OR AVERAGE----	-	-	2	147	149	149	82	231	-	925	9,141	10,066	10,066	462	62	68							

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
ALL NONMETALLIC-CONTINUED: TOTAL OR AVERAGE, ALL MINES AND PLANTS:																									
ALABAMA-----	1	-	-	3	3	4	2	6	6,000	-	-	48	48	6,048	-	16	1,512								
ARIZONA-----	-	-	-	1	1	1	-	1	-	-	-	1	1	-	-	1	1								
ARKANSAS-----	-	-	-	9	9	9	8	17	-	-	-	126	126	126	-	126	126								
CALIFORNIA-----	-	-	-	1	1	1	-	1	-	-	-	429	429	429	-	48	48								
COLORADO-----	-	-	-	28	28	28	7	35	-	-	-	20	20	20	-	20	20								
FLORIDA-----	-	-	-	15	15	15	11	26	-	-	-	2,069	2,069	2,069	-	74	74								
GEORGIA-----	-	-	-	6	6	6	1	7	-	-	-	1,052	1,052	1,052	-	70	70								
IDAHO-----	-	-	-	1	1	1	3	4	-	-	-	515	515	515	-	86	86								
INDIANA-----	-	-	-	17	17	17	2	19	-	-	-	2	2	2	-	2	2								
IOWA-----	-	-	-	4	4	4	4	8	-	-	-	845	845	845	-	50	50								
KANSAS-----	-	-	1	11	12	12	6	18	-	-	-	135	974	1,109	1,109	135	89								
LOUISIANA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	41	41								
MICHIGAN-----	-	-	-	3	3	3	1	4	-	-	-	122	122	122	-	49	49								
MISSISSIPPI-----	-	-	-	1	1	1	2	3	-	-	-	16	16	16	-	16	16								
MISSOURI-----	-	-	-	-	-	-	-	-	6,000	-	-	-	-	6,000	-	6,000	6,000								
MONTANA-----	1	-	-	-	-	-	1	1	-	-	-	-	-	1,466	1,466	1,466	73								
NEVADA-----	-	-	-	20	20	20	9	29	-	-	-	6	6	6	-	6	6								
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	-	-	1,220	1,220	1,220	-	72	72								
NEW MEXICO-----	-	-	-	17	17	17	19	36	-	-	-	875	848	1,723	1,723	875	45								
NEW YORK-----	-	-	1	19	20	20	6	26	-	-	-	394	394	394	-	49	49								
NORTH CAROLINA-----	-	-	-	8	8	8	5	13	-	-	-	-	-	58	58	58	58								
NORTH DAKOTA-----	-	-	-	1	1	1	-	1	-	-	-	-	-	180	180	180	60								
OHIO-----	-	-	-	3	3	3	1	4	-	-	-	-	-	7	7	7	7								
OREGON-----	-	-	-	1	1	1	2	3	-	-	-	-	-	9	9	9	4								
PENNSYLVANIA-----	-	-	-	2	2	2	2	4	-	-	-	-	-	120	120	120	40								
SOUTH CAROLINA-----	-	-	-	3	3	3	2	5	-	-	-	-	-	20	20	20	20								
SOUTH DAKOTA-----	-	-	-	1	1	1	-	1	-	-	-	-	-	120	120	120	40								
TENNESSEE-----	-	-	1	6	7	7	3	10	-	-	-	50	598	648	648	50	93								
TEXAS-----	-	-	27	27	27	8	35	-	-	-	-	-	1,062	1,062	1,062	39	39								
UTAH-----	-	-	18	18	18	9	27	-	-	-	-	-	1,027	1,027	1,027	57	57								
VERMONT-----	-	-	11	11	11	4	15	-	-	-	-	-	549	549	549	-	50								
WASHINGTON-----	-	-	5	5	5	3	8	-	-	-	-	-	389	389	389	78	78								
WISCONSIN-----	-	-	4	4	4	2	6	-	-	-	-	-	53	53	53	13	13								
WYOMING-----	-	-	53	53	53	25	78	-	-	-	-	-	3,240	3,240	3,240	61	61								
TOTAL OR AVERAGE----	2	-	3	301	304	306	150	456	12,000	-	1,060	17,670	18,730	30,730	353	59	100								
OFFICE:																									
LOUISIANA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1								
TOTAL OR AVERAGE----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
ALL NONMETALLIC-CONTINUED: GRAND TOTAL OR AVERAGE:																									
ALABAMA-----	1	-	-	3	3	4	2	6	6,000	-	-	48	48	6,048	-	16	1,512								
ARIZONA-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1								
ARKANSAS-----	-	-	-	1	1	1	-	1	-	-	-	126	126	126	-	126	126								
CALIFORNIA-----	-	-	-	9	9	9	8	17	-	-	-	429	429	429	-	48	48								
COLORADO-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	-	20	20								
FLORIDA-----	-	-	-	28	28	28	7	35	-	-	-	2,069	2,069	2,069	-	74	74								
GEORGIA-----	-	-	-	15	15	15	11	26	-	-	-	1,052	1,052	1,052	-	70	70								
IDAHO-----	-	-	-	6	6	6	1	7	-	-	-	515	515	515	-	86	86								
INDIANA-----	-	-	-	1	1	1	3	4	-	-	-	2	2	2	-	2	2								
IOWA-----	-	-	-	17	17	17	2	19	-	-	-	845	845	845	-	50	50								
KANSAS-----	-	-	-	4	4	4	4	8	-	-	-	205	205	205	-	51	51								
LOUISIANA-----	-	-	1	11	12	12	7	19	-	-	135	974	1,109	1,109	135	89	92								
MICHIGAN-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-								
MISSISSIPPI-----	-	-	-	3	3	3	1	4	-	-	-	122	122	122	-	41	41								
MISSOURI-----	-	-	-	1	1	1	2	3	-	-	-	16	16	16	-	16	16								
MONTANA-----	1	-	-	-	-	-	1	1	6,000	-	-	-	-	6,000	-	6,000	6,000								
NEVADA-----	-	-	-	20	20	20	9	29	-	-	-	1,466	1,466	1,466	-	73	73								
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6								
NEW MEXICO-----	-	-	-	17	17	17	19	36	-	-	-	1,220	1,220	1,220	-	72	72								
NEW YORK-----	-	-	1	19	20	20	6	26	-	-	875	848	1,723	1,723	875	45	86								
NORTH CAROLINA-----	-	-	-	9	9	9	5	14	-	-	-	395	395	395	-	44	44								
NORTH DAKOTA-----	-	-	-	1	1	1	-	1	-	-	-	58	58	58	-	58	58								
OHIO-----	-	-	-	3	3	3	1	4	-	-	-	180	180	180	-	60	60								
OREGON-----	-	-	-	1	1	1	2	3	-	-	-	7	7	7	-	7	7								
PENNSYLVANIA-----	-	-	-	2	2	2	2	4	-	-	-	9	9	9	-	4	4								
SOUTH CAROLINA-----	-	-	-	3	3	3	2	5	-	-	-	120	120	120	-	40	40								
SOUTH DAKOTA-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	-	20	20								
TENNESSEE-----	-	-	1	6	7	7	3	10	-	-	50	598	648	648	50	100	93								
TEXAS-----	-	-	-	27	27	27	8	35	-	-	-	1,062	1,062	1,062	-	39	39								
UTAH-----	-	-	-	18	18	18	9	27	-	-	-	1,027	1,027	1,027	-	57	57								
VERMONT-----	-	-	-	11	11	11	4	15	-	-	-	549	549	549	-	50	50								
WASHINGTON-----	-	-	-	5	5	5	3	8	-	-	-	389	389	389	-	78	78								
WISCONSIN-----	-	-	-	4	4	4	2	6	-	-	-	53	53	53	-	13	13								
WYOMING-----	-	-	-	53	53	53	25	78	-	-	-	3,240	3,240	3,240	-	61	61								
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	12,000	-	1,060	17,671	18,731	30,731	353	59	100								

TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES									
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL	
		TOTAL	PARTIAL	TOTAL NFDL												
UNDERGROUND MINES:																
UNDERGROUND:																
EYE-----	-	-	-	2	2	2	2	-	.08	.08	.08	.15	-	(*)	(*)	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	1	1	-	-	-	.04	.04	-	-	-	
NOSE-----	-	-	-	2	2	2	2	-	.08	.08	-	.08	-	2	2	
FACE, NEC-----	-	-	-	1	1	1	1	-	.04	.04	.04	.08	-	(*)	(*)	
HEAD, NEC-----	-	-	-	-	-	2	2	-	-	-	.08	.08	-	-	-	
NECK-----	-	-	-	2	2	2	2	-	.08	.08	-	.08	-	2	2	
UPPER ARM-----	-	-	1	1	1	1	1	-	.04	.04	-	.04	-	2	2	
ELBOW-----	-	-	-	2	2	2	2	-	.08	.08	.04	.11	-	(*)	(*)	
FOREARM-----	-	-	-	-	-	2	2	-	-	-	.08	.08	-	-	-	
WRIST-----	-	-	-	2	2	2	2	-	.08	.08	-	.08	-	8	8	
HAND-----	-	-	-	4	4	4	3	-	.15	.15	.11	.27	-	3	3	
FINGER(S)-----	-	1	7	8	8	8	16	-	.30	.30	.30	.61	-	11	11	
BACK-----	-	-	8	8	8	1	9	-	.30	.30	.04	.34	-	28	28	
CHEST-----	-	-	1	1	1	4	5	-	.04	.04	.15	.19	-	(*)	(*)	
PELVIC REGION-----	-	-	2	2	2	-	2	-	.08	.08	-	.08	-	5	5	
SHOULDER(S)-----	-	-	10	10	10	-	10	-	.38	.38	-	.38	-	26	26	
KNEE-----	-	-	7	7	7	-	7	-	.27	.27	-	.27	-	13	13	
ANKLE-----	-	-	4	4	4	-	4	-	.15	.15	-	.15	-	11	11	
FOOT-----	-	-	2	2	2	-	2	-	.08	.08	-	.08	-	12	12	
LOWER EXTREMITIES, NEC-----	-	-	3	3	3	-	3	-	.11	.11	-	.11	-	15	15	
MULTIPLE PARTS OF BODY-----	1	-	-	4	4	5	1	6	.04	.15	.19	.04	.23	228	9	237
TOTAL OR AVERAGE-----	1	-	1	64	65	66	26	92	.04	2.47	2.51	.99	3.50	228	148	376
SURFACE AT UNDERGROUND:																
EYE-----	-	-	-	1	1	1	-	1	-	.24	.24	-	.24	-	1	1
JAW-----	-	-	-	-	-	1	1	-	-	-	.24	.24	-	-	-	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	1	1	-	-	-	.24	.24	-	-	-	
HEAD, NEC-----	-	-	1	1	1	2	3	-	.24	.24	.47	.71	-	2	2	
FOREARM-----	-	-	-	-	-	2	2	-	-	-	.47	.47	-	-	-	
WRIST-----	-	-	1	1	1	-	1	-	.24	.24	-	.24	-	25	25	
HAND-----	-	-	1	1	1	-	1	-	.24	.24	-	.24	-	2	2	
FINGER(S)-----	-	4	4	4	4	3	7	-	.94	.94	.71	1.65	-	20	20	
UPPER EXTREMITIES, NEC-----	-	-	1	1	1	1	2	-	.24	.24	.24	.47	-	67	67	
BACK-----	-	-	4	4	4	-	4	-	.94	.94	-	.94	-	67	67	
CHEST-----	-	-	-	-	-	1	1	-	-	-	.24	.24	-	-	-	
PELVIC REGION-----	-	-	1	1	1	-	1	-	.24	.24	-	.24	-	5	5	
SHOULDER(S)-----	-	-	1	1	1	-	1	-	.24	.24	-	.24	-	50	50	
TRUNK, NEC-----	-	-	1	1	1	1	-	1	.24	.24	-	.24	-	31	31	
KNEE-----	-	-	1	1	1	-	1	-	.24	.24	-	.24	-	25	25	
LOWER LEG-----	-	-	1	1	1	1	2	3	-	.24	.24	.47	.71	-	33	33
ANKLE-----	-	-	-	1	1	1	2	2	-	.47	.47	-	.47	-	13	13
FOOT-----	-	-	-	2	2	2	-	2	-	.24	.24	-	.24	-	5	5
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	.24	.24	-	.24	-	2	2
BODY SYSTEMS-----	-	-	-	-	-	3	3	-	-	-	.71	.71	-	-	-	
MULTIPLE PARTS OF BODY-----	-	-	2	2	2	-	2	-	.47	.47	-	.47	-	40	40	
TOTAL OR AVERAGE-----	-	-	-	24	24	24	16	40	-	5.66	5.66	3.78	9.44	-	324	324

TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES									
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL	
		TOTAL	PARTIAL	TOTAL NFDL												
TOTAL OR AVERAGE, UG:																
EYE-----	-	-	-	3	3	3	5	-	.10	.10	.07	.16	-	(*)	(*)	
JAW-----	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	2	2	-	.07	.07	.07	.07	-	-	-	
NOSE-----	-	-	-	2	2	2	2	-	.03	.03	.03	.07	-	1	1	
FACE, NEC-----	-	-	-	1	1	1	2	-	.03	.03	.13	.16	-	(*)	(*)	
HEAD, NEC-----	-	-	-	1	1	4	5	-	.07	.07	-	.07	-	1	1	
NECK-----	-	-	-	2	2	2	2	-	.03	.03	.03	.03	-	2	2	
UPPER ARM-----	-	-	-	1	1	1	1	-	.07	.07	.03	.10	-	(*)	(*)	
ELBOW-----	-	-	-	2	2	2	3	-	.07	.07	.03	.13	-	-	-	
FOREARM-----	-	-	-	-	-	4	4	-	.10	.10	-	.10	-	10	10	
WRIST-----	-	-	-	3	3	3	3	-	.16	.16	.10	.26	-	3	3	
HAND-----	-	-	-	5	5	5	8	-	.39	.39	.36	.75	-	12	12	
FINGER(S)-----	-	1	11	12	12	11	23	-	.03	.03	.03	.07	-	1	1	
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	2	-	.39	.39	.03	.43	-	33	33	
BACK-----	-	-	-	12	12	12	13	-	.03	.03	.16	.20	-	(*)	(*)	
CHEST-----	-	-	-	1	1	1	6	-	.10	.10	-	.10	-	5	5	
PELVIC REGION-----	-	-	-	3	3	3	3	-	.36	.36	-	.36	-	30	30	
SHOULDER(S)-----	-	-	-	11	11	11	11	-	.36	.36	-	.36	-	30	30	
TRUNK, NEC-----	-	-	-	1	1	1	1	-	.03	.03	-	.03	-	4	4	
KNEE-----	-	-	-	8	8	8	8	-	.26	.26	-	.26	-	15	15	
LOWER LEG-----	-	-	-	1	1	1	2	-	.03	.03	.07	.10	-	5	5	
ANKLE-----	-	-	-	6	6	6	6	-	.20	.20	-	.20	-	11	11	
FOOT-----	-	-	-	3	3	3	3	-	.10	.10	-	.10	-	11	11	
LOWER EXTREMITIES, NEC-----	-	-	-	4	4	4	4	-	.13	.13	-	.13	-	13	13	
BODY SYSTEMS-----	-	-	-	-	-	3	3	-	.10	.10	-	.10	-	-	-	
MULTIPLE PARTS OF BODY-----	1	-	-	6	6	7	8	.03	.20	.23	.03	.26	196	13	210	
TOTAL OR AVERAGE-----	1	-	1	88	89	90	132	.03	2.91	2.95	1.37	4.32	196	172	369	

TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES									
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL	
		TOTAL	PARTIAL	TOTAL NFDL												
SURFACE MINES:																
OPEN PIT:																
EYE-----	-	-	-	-	-	-	5	5	-	-	.13	.13	-	-	-	
JAW-----	-	-	-	-	-	-	1	1	-	-	.03	.03	-	-	-	
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	2	2	-	-	.05	.05	-	-	-	
FACE, NEC-----	-	-	2	2	2	2	-	2	-	.05	.05	-	.05	(*)	(*)	
HEAD, NEC-----	-	-	1	1	1	1	-	1	-	.03	.03	-	.03	(*)	(*)	
NECK-----	-	-	2	2	2	2	-	2	-	.05	.05	-	.05	(*)	(*)	
UPPER ARM-----	-	-	2	2	2	2	-	2	-	.05	.05	-	.05	7	7	
ELBOW-----	-	-	2	2	2	2	-	2	-	.03	.03	.03	.05	5	5	
FOREARM-----	-	-	1	1	1	1	-	2	-	.03	.03	.03	.05	1	1	
WRIST-----	-	-	2	2	2	2	-	2	-	.05	.05	-	.05	10	10	
HAND-----	-	-	1	1	1	1	-	2	-	.03	.03	.05	.05	3	3	
FINGER(S)-----	-	-	6	6	6	6	-	12	-	.15	.15	.15	.30	4	4	
UPPER EXTREMITIES, NEC-----	-	-	2	2	2	2	-	2	-	.05	.05	-	.05	1	1	
ABDOMEN-----	-	-	1	1	1	1	-	1	-	.03	.03	-	.03	1	1	
BACK-----	-	-	12	12	12	2	-	14	-	.30	.30	.05	.35	5	5	
CHEST-----	-	-	1	1	1	1	-	1	-	.03	.03	-	.03	(*)	(*)	
PELVIC REGION-----	-	-	2	2	2	2	-	2	-	.05	.05	-	.05	(*)	(*)	
SHOULDER(S)-----	-	-	7	7	7	1	-	8	-	.18	.18	.03	.20	18	18	
TRUNK, NEC-----	-	-	1	1	1	1	-	1	-	.03	.03	-	.03	2	2	
KNEE-----	-	-	6	6	6	1	-	7	-	.15	.15	.03	.18	12	12	
LOWER LEG-----	-	-	3	3	3	3	-	3	-	.08	.08	.08	.08	(*)	(*)	
ANKLE-----	-	-	4	4	4	2	-	6	-	.10	.10	.05	.15	1	1	
FOOT-----	-	-	3	3	3	3	-	3	-	.08	.08	-	.08	1	1	
LOWER EXTREMITIES, NEC-----	-	-	1	1	1	1	-	1	-	.03	.03	-	.03	1	1	
BODY SYSTEMS-----	-	-	1	1	1	1	-	2	-	.03	.03	.03	.05	(*)	(*)	
MULTIPLE PARTS OF BODY-----	1	-	-	1	1	2	1	3	.03	.03	.05	.03	.08	152	8	160
TOTAL OR AVERAGE-----	1	-	-	63	63	64	25	89	.03	1.60	1.62	.63	2.26	152	82	234
DREDGE:																
FINGER(S)-----	-	-	-	-	-	1	1	1	-	-	-	.91	.91	-	-	-
BACK-----	-	-	1	1	1	1	-	1	-	.91	.91	-	.91	5	5	
SHOULDER(S)-----	-	-	1	1	1	1	-	1	-	.91	.91	-	.91	122	122	
TRUNK, NEC-----	-	-	1	1	1	1	-	1	-	.91	.91	-	.91	16	16	
TOTAL OR AVERAGE-----	-	-	-	3	3	3	1	4	-	2.72	2.72	.91	3.62	-	143	143

TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES									
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL	
		TOTAL	PARTIAL	TOTAL NFDL												
TOTAL OR AVERAGE, SURFACE:																
EYE-----	-	-	-	-	-	5	5	-	-	-	.12	.12	-	-	-	
JAW-----	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	2	2	-	.05	.05	.05	.05	-	-	-	
FACE, NEC-----	-	-	1	1	2	1	1	-	.02	.02	-	.02	-	-	-	
HEAD, NEC-----	-	-	2	2	2	2	2	-	.05	.05	-	.05	-	-	-	
NECK-----	-	-	1	1	2	1	1	-	.02	.02	-	.02	-	-	-	
UPPER ARM-----	-	-	2	2	2	2	2	-	.05	.05	-	.05	-	-	-	
ELBOW-----	-	-	2	2	2	2	2	-	.02	.02	.02	.05	-	-	-	
FOREARM-----	-	-	1	1	1	1	1	-	.05	.05	-	.05	-	-	-	
Wrist-----	-	-	2	2	2	2	2	-	.05	.05	.02	.05	-	-	-	
HAND-----	-	-	1	1	2	1	1	-	.02	.02	.05	.07	-	-	-	
FINGER(S)-----	-	-	6	6	6	7	13	-	.15	.15	.17	.32	-	-	-	
UPPER EXTREMITIES, NEC-----	-	-	2	2	2	2	2	-	.05	.05	-	.05	-	-	-	
ABDOMEN-----	-	-	1	1	1	1	1	-	.02	.02	-	.02	-	-	-	
BACK-----	-	-	13	13	13	2	15	-	.32	.32	.05	.37	-	-	-	
CHEST-----	-	-	1	1	1	1	1	-	.02	.02	-	.02	-	-	-	
PELVIC REGION-----	-	-	2	2	2	2	2	-	.05	.05	-	.05	-	-	-	
SHOULDER(S)-----	-	-	8	8	8	1	9	-	.20	.20	.02	.22	-	-	-	
TRUNK, NEC-----	-	-	2	2	2	2	2	-	.05	.05	-	.05	-	-	-	
KNEE-----	-	-	6	6	6	1	7	-	.15	.15	.02	.17	-	-	-	
LOWER LEG-----	-	-	3	3	3	3	3	-	.07	.07	-	.07	-	-	-	
ANKLE-----	-	-	4	4	4	2	6	-	.10	.10	.05	.15	-	-	-	
FOOT-----	-	-	3	3	3	3	3	-	.07	.07	-	.07	-	-	-	
LOWER EXTREMITIES, NEC-----	-	-	1	1	1	1	1	-	.02	.02	-	.02	-	-	-	
BODY SYSTEMS-----	-	-	1	1	1	1	2	-	.02	.02	.02	.05	-	-	-	
MULTIPLE PARTS OF BODY-----	1	-	1	1	2	1	3	.02	.02	.05	.02	.07	146	8	154	
TOTAL OR AVERAGE-----	1	-	-	66	66	67	26	93	.02	1.61	1.64	.63	2.27	146	83	230

TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES									
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL	
		TOTAL	PARTIAL	TOTAL NFDL												
TOTAL OR AVERAGE, MINING:																
EYE-----	-	-	-	3	3	3	7	10	-	.04	.04	.10	.14	-	(*)	(*)
JAW-----	-	-	-	-	-	-	2	2	-	-	-	.03	.03	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	4	4	-	-	-	.06	.06	-	-	-
NOSE-----	-	-	-	2	2	2	-	2	-	.03	.03	.03	.03	-	1	1
FACE, NEC-----	-	-	-	2	2	2	1	3	-	.03	.03	.03	.01	.04	-	(*)
HEAD, NEC-----	-	-	-	3	3	3	4	7	-	.04	.04	.06	.10	-	(*)	(*)
NECK-----	-	-	-	3	3	3	-	3	-	.04	.04	-	.04	-	1	1
UPPER ARM-----	-	-	-	3	3	3	-	3	-	.04	.04	-	.04	-	5	5
ELBOW-----	-	-	-	4	4	4	1	5	-	.06	.06	.01	.07	-	3	3
FOREARM-----	-	-	-	1	1	1	5	6	-	.01	.01	.07	.08	-	1	1
WRIST-----	-	-	-	5	5	5	-	5	-	.07	.07	-	.07	-	10	10
HAND-----	-	-	-	6	6	6	5	11	-	.08	.08	.07	.15	-	3	3
FINGER(S)-----	-	1	17	18	18	18	18	36	-	.25	.25	.25	.50	-	8	8
UPPER EXTREMITIES, NEC-----	-	-	3	3	3	3	1	4	-	.04	.04	.01	.06	-	1	1
ABDOMEN-----	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
BACK-----	-	-	25	25	25	25	3	28	-	.35	.35	.04	.39	-	17	17
CHEST-----	-	-	2	2	2	2	5	7	-	.03	.03	.07	.10	-	(*)	(*)
PELVIC REGION-----	-	-	5	5	5	5	-	5	-	.07	.07	-	.07	-	2	2
SHOULDER(S)-----	-	-	19	19	19	19	1	20	-	.27	.27	.01	.28	-	25	25
TRUNK, NEC-----	-	-	3	3	3	3	-	3	-	.04	.04	-	.04	-	3	3
KNEE-----	-	-	14	14	14	14	1	15	-	.20	.20	.01	.21	-	13	13
LOWER LEG-----	-	-	4	4	4	4	2	6	-	.06	.06	.03	.08	-	2	2
ANKLE-----	-	-	10	10	10	10	2	12	-	.14	.14	.03	.17	-	5	5
FOOT-----	-	-	6	6	6	6	-	6	-	.08	.08	-	.08	-	5	5
LOWER EXTREMITIES, NEC-----	-	-	5	5	5	5	-	5	-	.07	.07	-	.07	-	6	6
BODY SYSTEMS-----	-	-	1	1	1	1	4	5	-	.01	.01	.06	.07	-	(*)	(*)
MULTIPLE PARTS OF BODY-----	2	-	7	7	9	9	2	11	.03	.10	.13	.03	.15	168	(*)	178
TOTAL OR AVERAGE-----	2	-	1	154	155	157	68	225	.03	2.17	2.19	.95	3.15	168	121	289

TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES									
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL	
		TOTAL	PARTIAL	TOTAL NFDL												
PROCESSING PLANTS:																
EYE-----	-	-	-	3	3	3	18	-	.03	.03	.13	.16	-	(*)	(*)	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	3	3	-	-	-	.03	.03	-	-	-	
FACE, NEC-----	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-	
HEAD, NEC-----	-	-	-	2	2	2	4	-	.02	.02	.02	.04	-	(*)	(*)	
NECK-----	-	-	-	2	2	2	4	-	.02	.02	.02	.04	-	(*)	(*)	
ELBOW-----	-	-	-	2	2	2	4	-	.02	.02	.02	.04	-	(*)	(*)	
FOREARM-----	-	-	-	4	4	4	4	-	.04	.04	-	.04	-	(*)	(*)	
WRIST-----	-	-	-	5	5	-	5	-	.04	.04	-	.04	-	2	2	
HAND-----	-	-	-	7	7	5	12	-	.06	.06	.04	.11	-	3	3	
FIGER(S)-----	-	-	1	17	18	18	48	-	.16	.16	.27	.43	-	14	14	
UPPER EXTREMITIES, NEC-----	-	-	-	2	2	2	4	-	.02	.02	.02	.04	-	3	3	
ABDOMEN-----	-	-	-	1	1	1	1	-	.01	.01	-	.01	-	(*)	(*)	
BACK-----	-	-	-	23	23	23	28	-	.20	.20	.04	.25	-	18	18	
CHEST-----	-	-	-	2	2	2	4	-	.02	.02	.02	.04	-	2	2	
PELVIC REGION-----	-	-	1	6	7	7	7	-	.06	.06	-	.06	-	2	2	
SHOULDER(S)-----	-	-	-	24	24	24	27	-	.21	.21	.03	.24	-	13	13	
TRUNK, NEC-----	-	-	-	2	2	2	2	-	.02	.02	-	.02	-	1	1	
THIGH-----	-	-	-	1	1	2	3	-	.01	.01	.02	.03	-	1	1	
KNEE-----	-	-	-	19	19	19	19	-	.17	.17	-	.17	-	11	11	
LOWER LEG-----	-	-	-	3	3	3	3	-	.03	.03	-	.03	-	4	4	
ANKLE-----	-	-	-	8	8	8	6	14	.07	.07	.05	.12	-	4	4	
FOOT-----	-	-	-	4	4	4	4	-	.04	.04	-	.04	-	4	4	
TOE(S)-----	-	-	-	1	1	1	1	-	.01	.01	-	.01	-	(*)	(*)	
LOWER EXTREMITIES, NEC-----	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-	
BODY SYSTEMS-----	-	-	-	2	2	2	2	-	.02	.02	-	.02	-	2	2	
MULTIPLE PARTS OF BODY-----	-	-	-	7	7	7	8	-	.06	.06	.01	.07	-	3	3	
TOTAL OR AVERAGE-----	-	-	2	147	149	149	231	-	1.32	1.32	.73	2.05	-	89	89	

TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES									
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL	
		TOTAL	PARTIAL	TOTAL NFDL												
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																
EYE-----	-	-	-	6	6	6	22	28	-	.03	.03	.12	.15	-	(*)	(*)
JAW-----	-	-	-	-	-	-	2	2	-	-	-	.01	.01	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	7	7	-	.01	.01	-	.04	-	-	-
NOSE-----	-	-	-	2	2	2	4	2	-	.01	.01	.01	.02	-	(*)	(*)
FACE, NEC-----	-	-	-	5	5	5	6	11	-	.03	.03	.03	.03	.06	-	-
HEAD, NEC-----	-	-	-	5	5	5	6	7	-	.03	.03	.01	.04	-	(*)	(*)
NECK-----	-	-	-	5	5	5	3	3	-	.02	.02	-	.02	-	1	1
UPPER ARM-----	-	-	-	3	3	3	3	9	-	.03	.03	.02	.05	-	2	2
ELBOW-----	-	-	-	6	6	6	3	3	-	.03	.03	.01	.03	-	1	1
FOREARM-----	-	-	-	5	5	5	5	10	-	.03	.03	.03	.05	-	(*)	(*)
WRIST-----	-	-	-	10	10	10	10	10	-	.05	.05	-	.05	-	5	5
HAND-----	-	-	-	13	13	13	10	23	-	.07	.07	.05	.12	-	3	3
FINGER(S)-----	-	2	34	36	36	48	48	84	-	.20	.20	.26	.46	-	12	12
UPPER EXTREMITIES, NEC-----	-	-	-	5	5	5	3	8	-	.03	.03	.02	.04	-	2	2
ABDOMEN-----	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
BACK-----	-	-	48	48	48	8	56	-	.26	.26	.04	.30	-	18	18	
CHEST-----	-	-	-	4	4	4	7	11	-	.02	.02	.04	.06	-	1	1
PELVIC REGION-----	-	1	11	12	12	12	-	12	-	.07	.07	-	.07	-	2	2
SHOULDER(S)-----	-	-	43	43	43	4	47	-	.23	.23	.02	.26	-	17	17	
TRUNK, NEC-----	-	-	-	5	5	5	-	5	-	.03	.03	-	.03	-	2	2
THIGH-----	-	-	-	1	1	1	2	3	-	.01	.01	.01	.02	-	1	1
KNEE-----	-	-	33	33	33	1	34	-	.18	.18	.01	.18	-	12	12	
LOWER LEG-----	-	-	7	7	7	2	9	-	.04	.04	.01	.05	-	3	3	
ANKLE-----	-	-	18	18	18	8	26	-	.10	.10	.04	.14	-	5	5	
FOOT-----	-	-	10	10	10	-	10	-	.05	.05	-	.05	-	4	4	
TOE(S)-----	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)	
LOWER EXTREMITIES, NEC-----	-	-	5	5	5	1	6	-	.03	.03	.01	.03	-	2	2	
BODY SYSTEMS-----	-	-	-	3	3	3	4	7	-	.02	.02	.02	.04	-	1	1
MULTIPLE PARTS OF BODY-----	2	-	-	14	14	16	3	19	.01	.08	.09	.02	.10	65	671	
TOTAL OR AVERAGE-----	2	-	3	301	304	306	150	456	.01	1.65	1.66	.82	2.48	65	102	167
OFFICE:																
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
ANKLE-----	-	-	-	-	-	1	1	1	-	.03	.03	.03	.03	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	.03	.03	.03	.06	-	(*)	(*)

TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES									
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL	
		TOTAL	PARTIAL	TOTAL NFDL												
GRAND TOTAL OR AVERAGE:																
EYE-----	-	-	-	6	6	6	22	28	-	.03	.03	.10	.13	-	(*)	
JAW-----	-	-	-	-	-	-	2	2	-	-	-	.01	.01	-	(*)	
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	-	2	-	.01	.01	-	.03	-	(*)	
NOSE-----	-	-	-	2	2	2	-	2	-	.01	.01	.01	.02	-	(*)	
FACE, NEC-----	-	-	-	5	5	5	2	11	-	.02	.02	.01	.05	-	(*)	
HEAD, NEC-----	-	-	-	5	5	5	2	7	-	.02	.02	.01	.03	-	(*)	
NECK-----	-	-	-	3	3	3	-	3	-	.01	.01	-	.01	-	1	
UPPER ARM-----	-	-	-	6	6	6	3	9	-	.03	.03	.01	.04	-	2	
ELBOW-----	-	-	-	5	5	5	3	10	-	.02	.02	.02	.05	-	1	
FOREARM-----	-	-	-	10	10	10	-	10	-	.05	.05	-	.05	-	(*)	
WRIST-----	-	-	-	13	13	13	10	23	-	.06	.06	.05	.11	-	4	
HAND-----	-	-	-	2	34	36	36	48	84	.17	.17	.22	.39	-	3	
FINGER(S)-----	-	-	2	5	5	5	3	8	-	.02	.02	.01	.04	-	10	
UPPER EXTREMITIES, NEC-----	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	
ABDOMEN-----	-	-	-	48	48	48	8	56	-	.22	.22	.04	.26	-	15	
BACK-----	-	-	-	48	48	48	7	11	-	.02	.02	.03	.05	-	1	
CHEST-----	-	-	-	4	4	4	4	7	-	.01	.01	-	.01	-	1	
PELVIC REGION-----	-	-	1	12	13	13	-	13	-	.06	.06	.06	.06	-	2	
SHOULDER(S)-----	-	-	43	43	43	43	4	47	-	.20	.20	.02	.22	-	15	
TRUNK, NEC-----	-	-	-	5	5	5	-	5	-	.02	.02	-	.02	-	2	
THIGH-----	-	-	-	1	1	1	2	3	-	(*)	(*)	.01	.01	-	1	
KNEE-----	-	-	33	33	33	33	1	34	-	.15	.15	(*)	.16	-	10	
LOWER LEG-----	-	-	7	7	7	7	2	9	-	.03	.03	.01	.04	-	3	
ANKLE-----	-	-	18	18	18	18	9	27	-	.08	.08	.04	.12	-	4	
FOOT-----	-	-	10	10	10	10	-	10	-	.05	.05	-	.05	-	4	
TOE(S)-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	
LOWER EXTREMITIES, NEC-----	-	-	-	5	5	5	1	6	-	.02	.02	(*)	.03	-	2	
BODY SYSTEMS-----	-	-	-	3	3	3	3	4	-	.01	.01	.02	.03	-	1	
MULTIPLE PARTS OF BODY-----	2	-	-	14	14	16	3	19	.01	.06	.07	.01	.09	56	5	
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	.01	1.41	1.42	.70	2.12	56	87	
															142	

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
UNDERGROUND INJURIES: UNDERGROUND:																							
EYE-----	-	-	-	2	2	2	2	-	-	-	5	5	5	-	2	2	-						
MOUTH/TEETH/TONGUE-----	-	-	-	2	-	2	1	1	-	-	-	-	-	-	20	20	-						
NOSE-----	-	-	1	1	1	1	1	2	-	-	40	40	40	-	1	1	-						
FACE, NEC-----	-	-	1	1	1	1	1	2	-	-	1	1	1	-	1	1	-						
HEAD, NEC-----	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-						
NECK-----	-	-	2	2	2	2	1	1	-	-	42	42	42	-	21	21	-						
UPPER ARM-----	-	-	1	1	1	1	1	1	-	-	56	56	56	-	56	56	-						
ELBOW-----	-	-	2	2	2	1	1	3	-	-	6	6	6	-	3	3	-						
FOREARM-----	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-						
Wrist-----	-	-	2	2	2	2	1	2	-	-	205	205	205	-	102	102	-						
HAND-----	-	-	4	4	4	4	3	7	-	-	85	85	85	-	21	21	-						
FINGER(S)-----	-	1	7	8	8	8	8	16	-	135	161	296	296	135	23	37	-						
BACK-----	-	-	8	8	8	8	1	9	-	-	731	731	731	-	91	91	-						
CHEST-----	-	-	1	1	1	1	4	5	-	-	12	12	12	-	12	12	-						
PELVIC REGION-----	-	-	2	2	2	2	-	2	-	-	129	129	129	-	64	64	-						
SHOULDER(S)-----	-	10	10	10	-	-	-	10	-	-	694	694	694	-	69	69	-						
KNEE-----	-	-	7	7	7	-	-	7	-	-	346	346	346	-	49	49	-						
ANKLE-----	-	-	4	4	4	-	-	4	-	-	288	288	288	-	72	72	-						
FOOT-----	-	-	2	2	2	-	-	2	-	-	320	320	320	-	160	160	-						
LOWER EXTREMITIES, NEC-----	-	-	3	3	3	-	-	3	-	-	393	393	393	-	131	131	-						
MULTIPLE PARTS OF BODY--	1	-	3	3	3	1	6	6,000	-	-	237	237	6,237	-	59	1,247	-						
TOTAL OR AVERAGE----	1	-	1	64	65	66	26	92	6,000	-	135	3,751	3,886	9,886	135	59	150	-					
SURFACE AT UNDERGROUND:																							
EYE-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3	-						
JAW-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
HEAD, NEC-----	-	-	1	1	1	2	3	3	-	-	8	8	8	-	8	8	-						
FOREARM-----	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-						
Wrist-----	-	-	1	1	1	-	1	1	-	-	107	107	107	-	107	107	-						
HAND-----	-	-	1	1	1	-	1	1	-	-	7	7	7	-	7	7	-						
FINGER(S)-----	-	-	4	4	4	3	7	7	-	-	84	84	84	-	21	21	-						
UPPER EXTREMITIES, NEC--	-	-	1	1	1	1	2	2	-	-	20	20	20	-	20	20	-						
BACK-----	-	-	4	4	4	-	4	4	-	-	283	283	283	-	71	71	-						
CHEST-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-						
PELVIC REGION-----	-	-	1	1	1	-	1	1	-	-	21	21	21	-	21	21	-						
SHOULDER(S)-----	-	-	1	1	1	-	1	1	-	-	210	210	210	-	210	210	-						
TRUNK, NEC-----	-	-	1	1	1	-	1	1	-	-	130	130	130	-	130	130	-						
KNEE-----	-	-	1	1	1	-	1	1	-	-	106	106	106	-	106	106	-						
LOWER LEG-----	-	-	1	1	1	2	3	3	-	-	140	140	140	-	140	140	-						
ANKLE-----	-	-	2	2	2	-	2	2	-	-	53	53	53	-	26	26	-						
FOOT-----	-	-	1	1	1	-	1	1	-	-	22	22	22	-	22	22	-						
LOWER EXTREMITIES, NEC--	-	-	1	1	1	-	1	1	-	-	10	10	10	-	10	10	-						
BODY SYSTEMS-----	-	-	-	-	-	3	3	3	-	-	170	170	170	-	85	85	-						
MULTIPLE PARTS OF BODY--	-	-	2	2	2	-	2	40	-	-	1,374	1,374	1,374	-	57	57	-						
TOTAL OR AVERAGE----	-	-	24	24	24	16	-	-	-	-	1,374	1,374	1,374	-	57	57	-						

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, UG:																							
EYE-----	-	-	-	3	3	3	2	5	-	-	8	8	8	-	3	3							
JAW-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-						
MOUTH/TEETH/TONGUE	-	-	-	2	2	2	-	2	-	-	40	40	40	-	20	20							
NOSE-----	-	-	1	1	1	1	1	2	-	-	1	1	1	-	1	1							
FACE, NEC-----	-	-	1	1	1	1	4	5	-	-	8	8	8	-	8	8							
HEAD, NEC-----	-	-	1	1	1	1	4	5	-	-	42	42	42	-	21	21							
NECK-----	-	-	2	2	2	2	-	2	-	-	56	56	56	-	56	56							
UPPER ARM-----	-	-	1	1	1	1	-	1	-	-	6	6	6	-	3	3							
ELBOW-----	-	-	2	2	2	1	3	4	-	-	-	-	-	-	-	-							
FOREARM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
WRIST-----	-	-	3	3	3	-	3	3	-	-	312	312	312	-	104	104							
HAND-----	-	-	5	5	5	3	3	8	-	-	92	92	92	-	18	18							
FINGER(S)-----	1	11	12	12	11	11	23	-	135	245	380	380	380	135	22	32							
UPPER EXTREMITIES, NEC-----	-	-	1	1	1	1	1	13	-	-	20	20	20	-	20	20							
BACK-----	-	-	12	12	12	11	1	13	-	-	1,014	1,014	1,014	-	84	84							
CHEST-----	-	-	1	1	1	1	5	6	-	-	12	12	12	-	12	12							
PELVIC REGION-----	-	-	3	3	3	3	-	3	-	-	150	150	150	-	50	50							
SHOULDER(S)-----	-	-	11	11	11	-	-	11	-	-	904	904	904	-	82	82							
TRUNK, NEC-----	-	-	1	1	1	1	-	1	-	-	130	130	130	-	130	130							
KNEE-----	-	-	8	8	8	-	8	8	-	-	452	452	452	-	56	56							
LOWER LEG-----	-	-	1	1	1	2	3	3	-	-	140	140	140	-	140	140							
ANKLE-----	-	-	6	6	6	-	6	6	-	-	341	341	341	-	57	57							
FOOT-----	-	-	3	3	3	-	3	3	-	-	342	342	342	-	114	114							
LOWER EXTREMITIES, NEC-----	-	-	4	4	4	-	4	4	-	-	403	403	403	-	101	101							
BODY SYSTEMS-----	-	-	-	-	-	3	3	3	-	-	-	-	-	-	-	-							
MULTIPLE PARTS OF BODY-----	1	-	-	6	6	7	1	8	6,000	-	407	407	6,407	-	68	915							
TOTAL OR AVERAGE-----	1	-	1	88	89	90	42	132	6,000	-	135	5,125	5,260	11,260	135	58	125						

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES						FATAL	LOST WORKDAYS						AVERAGE SEVERITY									
	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
	PERMANENT		TEMPO- RARY					PERMANENT		TOTAL NFDL													
	TOTAL	PARTIAL						TOTAL	PARTIAL														
SURFACE MINES: OPEN PIT:																							
EYE-----	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-							
JAW-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-							
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-							
FACE, NEC-----	1	1	1	1	1	1	1	-	-	-	5	5	5	5	5	5							
HEAD, NEC-----	2	2	2	2	2	2	2	-	-	-	9	9	9	4	4	4							
NECK-----	-	-	-	-	-	-	-	-	-	-	5	5	5	5	5	5							
UPPER ARM-----	2	2	2	2	2	2	2	-	-	-	284	284	284	142	142	142							
ELBOW-----	2	2	2	2	2	2	2	-	-	-	195	195	195	98	98	98							
FOREARM-----	1	1	1	1	1	1	1	-	-	-	59	59	59	59	59	59							
WRIST-----	2	2	2	2	2	2	2	-	-	-	392	392	392	196	196	196							
HAND-----	1	1	1	1	1	1	1	-	-	-	106	106	106	106	106	106							
FINGER(S)-----	6	6	6	6	6	6	12	-	-	-	174	174	174	29	29	29							
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	-	-	-	-	21	21	21	10	10	10							
ABDOMEN-----	-	-	-	-	-	-	-	-	-	-	20	20	20	20	20	20							
BACK-----	-	-	12	12	12	2	14	-	-	-	215	215	215	18	18	18							
CHEST-----	-	-	1	1	1	1	1	-	-	-	4	4	4	4	4	4							
PELVIC REGION-----	-	-	2	2	2	2	2	-	-	-	17	17	17	8	8	8							
SHOULDER(S)-----	-	-	7	7	7	1	8	-	-	-	729	729	729	104	104	104							
TRUNK, NEC-----	-	-	1	1	1	1	1	-	-	-	77	77	77	77	77	77							
KNEE-----	-	-	6	6	6	1	7	-	-	-	482	482	482	80	80	80							
LOWER LEG-----	-	-	3	3	3	3	3	-	-	-	8	8	8	3	3	3							
ANKLE-----	-	-	4	4	4	2	6	-	-	-	47	47	47	12	12	12							
FOOT-----	-	-	3	3	3	3	3	-	-	-	44	44	44	15	15	15							
LOWER EXTREMITIES, NEC-----	-	-	1	1	1	1	1	-	-	-	38	38	38	38	38	38							
BODY SYSTEMS-----	-	-	1	1	1	1	2	-	-	-	1	1	1	1	1	1							
MULTIPLE PARTS OF BODY--	1	-	1	1	2	1	3	6,000	-	-	314	314	6,314	-	314	3,157							
TOTAL OR AVERAGE----	1	-	-	63	63	64	25	89	6,000	-	-	3,246	3,246	9,246	-	52	144						
DREDGE:																							
FINGER(S)-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-							
BACK-----	-	-	-	1	1	1	1	-	-	-	5	5	5	5	5	5							
SHOULDER(S)-----	-	-	-	1	1	1	1	-	-	-	135	135	135	135	135	135							
TRUNK, NEC-----	-	-	-	1	1	1	1	-	-	-	18	18	18	18	18	18							
TOTAL OR AVERAGE----	-	-	-	3	3	3	1	4	-	-	-	158	158	158	-	53	53						

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES						FATAL	LOST WORKDAYS						AVERAGE SEVERITY		
	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL		
	PERMANENT		TEMPO- RARY					PERMANENT		TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL			
	TOTAL	PARTIAL	TOTAL NFDL	NDL	TOTAL INJURIES	TOTAL		PARTIAL								
TOTAL OR AVERAGE, SURFACE:																
EYE-----	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
JAW-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	1	1	1	-	1	1	-	-	-	5	5	5	5	5	5
HEAD, NEC-----	-	2	2	2	-	2	2	-	-	-	9	9	9	4	4	4
NECK-----	-	1	1	1	-	1	1	-	-	-	5	5	5	5	5	5
UPPER ARM-----	-	1	2	2	2	-	2	-	-	-	284	284	284	142	142	142
ELBOW-----	-	2	2	2	2	-	2	-	-	-	195	195	195	98	98	98
FOREARM-----	-	1	1	1	1	1	2	-	-	-	59	59	59	59	59	59
WRIST-----	-	2	2	2	2	-	2	-	-	-	392	392	392	196	196	196
HAND-----	-	1	1	1	2	7	13	-	-	-	106	106	106	106	106	106
FINGER(S)-----	-	6	6	6	7	-	13	-	-	-	174	174	174	29	29	29
UPPER EXTREMITIES, NEC-----	-	2	2	2	-	2	2	-	-	-	21	21	21	10	10	10
ABDOMEN-----	-	1	1	1	-	1	1	-	-	-	20	20	20	20	20	20
BACK-----	-	13	13	13	2	-	15	-	-	-	220	220	220	17	17	17
CHEST-----	-	1	1	1	-	1	1	-	-	-	4	4	4	4	4	4
PELVIC REGION-----	-	2	2	2	-	2	2	-	-	-	17	17	17	8	8	8
SHOULDER(S)-----	-	8	8	8	1	9	9	-	-	-	864	864	864	108	108	108
TRUNK, NEC-----	-	2	2	2	2	-	2	-	-	-	95	95	95	48	48	48
KNEE-----	-	6	6	6	1	7	7	-	-	-	482	482	482	80	80	80
LOWER LEG-----	-	3	3	3	3	-	3	-	-	-	8	8	8	3	3	3
ANKLE-----	-	4	4	4	2	6	6	-	-	-	47	47	47	12	12	12
FOOT-----	-	3	3	3	-	3	3	-	-	-	44	44	44	15	15	15
LOWER EXTREMITIES, NEC-----	-	1	1	1	-	1	1	-	-	-	38	38	38	38	38	38
BODY SYSTEMS-----	-	1	1	1	1	2	2	-	-	-	1	1	1	1	1	1
MULTIPLE PARTS OF BODY-----	1	-	-	1	2	1	3	6,000	-	-	314	314	6,314	314	314	3,157
TOTAL OR AVERAGE-----	1	-	-	66	66	67	26	93	6,000	-	3,404	3,404	9,404	-	52	140

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, MINING:																							
EYE-----	-	-	-	3	3	3	7	10	-	-	8	8	8	-	3	3							
JAW-----	-	-	-	-	-	2	2		-	-	-	-	-	-	-	-	-						
MOUTH/TEETH/TONGUE	-	-	-	-	-	4	4	4	-	-	40	40	40	-	20	20							
NOSE-----	-	-	2	2	2	2	-	2	-	-	6	6	6	-	3	3							
FACE, NEC-----	-	-	2	2	2	1	1	3	-	-	17	17	17	-	6	6							
HEAD, NEC-----	-	-	3	3	3	4	7		-	-	47	47	47	-	16	16							
NECK-----	-	-	3	3	3	3	-	3	-	-	340	340	340	-	113	113							
UPPER ARM-----	-	-	3	3	3	3	-	3	-	-	201	201	201	-	50	50							
ELBOW-----	-	-	4	4	4	1	1	5	-	-	59	59	59	-	59	59							
FOREARM-----	-	-	1	1	1	5	5	6	-	-	704	704	704	-	141	141							
Wrist-----	-	-	5	5	5	-	-	5	-	-	198	198	198	-	33	33							
HAND-----	-	-	6	6	6	5	5	11	-	-	419	554	554	135	25	31							
FINGER(S)-----	-	1	17	18	18	18	18	36	-	135	419	554	554	-	14	14							
UPPER EXTREMITIES, NEC-----	-	-	3	3	3	1	1	4	-	-	41	41	41	-	20	20							
ABDOMEN-----	-	-	1	1	1	-	-	1	-	-	20	20	20	-	20	20							
BACK-----	-	25	25	25	3	3	28		-	-	1,234	1,234	1,234	-	49	49							
CHEST-----	-	2	2	2	5	5	7		-	-	16	16	16	-	8	8							
PELVIC REGION-----	-	5	5	5	-	-	5		-	-	167	167	167	-	33	33							
SHOULDER(S)-----	-	19	19	19	1	1	20		-	-	1,768	1,768	1,768	-	93	93							
TRUNK, NEC-----	-	3	3	3	-	-	3		-	-	225	225	225	-	75	75							
KNEE-----	-	14	14	14	1	1	15		-	-	934	934	934	-	67	67							
LOWER LEG-----	-	4	4	4	2	2	6		-	-	148	148	148	-	37	37							
ANKLE-----	-	10	10	10	2	2	12		-	-	388	388	388	-	39	39							
FOOT-----	-	6	6	6	-	-	6		-	-	386	386	386	-	64	64							
LOWER EXTREMITIES, NEC-----	-	5	5	5	-	-	5		-	-	441	441	441	-	88	88							
BODY SYSTEMS-----	-	1	1	1	4	4	5		-	-	1	1	1	-	1	1							
MULTIPLE PARTS OF BODY-----	2	-	7	7	9	2	11	12,000	-	-	721	721	12,721	-	103	1,413							
TOTAL OR AVERAGE-----	2	-	1	154	155	157	68	225	12,000	-	135	8,529	8,664	20,664	135	55	132						

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
PROCESSING PLANTS:																							
EYE-----	-	-	-	3	3	3	15	18	-	-	16	16	16	-	5	5							
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	3	3	3	-	-	-	-	-	-	-	-	-						
FACE, NEC-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-						
HEAD, NEC-----	-	-	2	2	2	2	2	4	-	-	15	15	15	-	8	8							
NECK-----	-	-	2	2	2	2	2	4	-	-	140	140	140	-	70	70							
ELBOW-----	-	-	2	2	2	2	2	4	-	-	20	20	20	-	10	10							
FOREARM-----	-	-	4	4	4	4	-	4	-	-	11	11	11	-	3	3							
WRIST-----	-	-	5	5	5	5	-	5	-	-	237	237	237	-	47	47							
HAND-----	-	-	7	7	7	5	5	12	-	-	392	392	392	-	56	56							
FINGER(S)-----	1	17	18	18	30	48	-	-	875	739	1,614	1,614	875	43	90	90							
UPPER EXTREMITIES, NEC-----	-	2	2	2	2	4	-	4	-	-	330	330	330	-	165	165							
ABDOMEN-----	-	1	1	1	-	1	-	1	-	-	43	43	43	-	43	43							
BACK-----	-	23	23	23	5	28	-	-	-	-	2,060	2,060	2,060	-	90	90							
CHEST-----	-	2	2	2	2	4	-	4	-	-	179	179	179	-	90	90							
PELVIC REGION-----	-	6	7	7	-	7	-	7	-	-	50	121	171	50	20	24							
SHOULDER(S)-----	-	24	24	24	3	27	-	-	-	-	1,452	1,452	1,452	-	60	60							
TRUNK, NEC-----	-	2	2	2	2	2	-	2	-	-	156	156	156	-	78	78							
THIGH-----	-	1	1	1	2	3	-	3	-	-	131	131	131	-	131	131							
KNEE-----	-	19	19	19	-	19	-	-	-	-	1,191	1,191	1,191	-	63	63							
LOWER LEG-----	-	3	3	3	-	3	-	3	-	-	401	401	401	-	134	134							
ANKLE-----	-	8	8	8	6	14	-	-	-	-	500	500	500	-	62	62							
FOOT-----	-	4	4	4	-	4	-	4	-	-	427	427	427	-	107	107							
TOE(S)-----	-	1	1	1	-	1	-	1	-	-	30	30	30	-	30	30							
LOWER EXTREMITIES, NEC-----	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-							
BODY SYSTEMS-----	-	2	2	2	-	2	-	2	-	-	173	173	173	-	86	86							
MULTIPLE PARTS OF BODY-----	-	7	7	7	1	8	-	-	-	-	377	377	377	-	54	54							
TOTAL OR AVERAGE-----	-	2	147	149	149	82	231	-	-	925	9,141	10,066	10,066	462	62	68							

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
EYE-----	-	-	-	6	6	22	28	-	-	-	24	24	24	-	4	4							
JAW-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-						
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	7	7	-	-	40	40	40	-	20	20							
NOSE-----	-	-	-	2	2	2	4	-	-	-	6	6	6	-	3	3							
FACE, NEC-----	-	-	-	5	5	5	6	11	-	-	32	32	32	-	6	6							
HEAD, NEC-----	-	-	-	2	2	2	2	-	-	-	187	187	187	-	37	37							
NECK-----	-	-	-	5	5	5	7	-	-	-	340	340	340	-	113	113							
UPPER ARM-----	-	-	-	3	3	3	-	3	-	-	221	221	221	-	37	37							
ELBOW-----	-	-	-	6	6	6	3	9	-	-	70	70	70	-	14	14							
FOREARM-----	-	-	-	5	5	5	5	10	-	-	941	941	941	-	94	94							
WRIST-----	-	-	-	10	10	10	-	10	-	-	590	590	590	-	45	45							
HAND-----	-	-	-	13	13	13	10	23	-	-	-	-	-	-	-	-	-						
FINGER(S)-----	-	2	34	36	36	48	84	-	-	1,010	1,158	2,168	2,168	505	34	60							
UPPER EXTREMITIES, NEC-----	-	-	5	5	5	3	8	-	-	-	371	371	371	-	74	74							
ABDOMEN-----	-	-	2	2	2	-	2	-	-	-	63	63	63	-	32	32							
BACK-----	-	-	48	48	48	8	56	-	-	-	3,294	3,294	3,294	-	69	69							
CHEST-----	-	-	4	4	4	7	11	-	-	-	195	195	195	-	49	49							
PELVIC REGION-----	-	1	11	12	12	-	12	-	-	50	288	338	338	50	26	28							
SHOULDER(S)-----	-	43	43	43	43	4	47	-	-	-	3,220	3,220	3,220	-	75	75							
TRUNK, NEC-----	-	-	5	5	5	-	5	-	-	-	381	381	381	-	76	76							
THIGH-----	-	-	1	1	1	2	3	-	-	-	131	131	131	-	131	131							
KNEE-----	-	-	33	33	33	1	34	-	-	-	2,125	2,125	2,125	-	64	64							
LOWER LEG-----	-	-	7	7	7	2	9	-	-	-	549	549	549	-	78	78							
ANKLE-----	-	-	18	18	18	8	26	-	-	-	888	888	888	-	49	49							
FOOT-----	-	-	10	10	10	-	10	-	-	-	813	813	813	-	81	81							
TOE(S)-----	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30							
LOWER EXTREMITIES, NEC-----	-	-	5	5	5	1	6	-	-	-	441	441	441	-	88	88							
BODY SYSTEMS-----	-	-	3	3	3	4	7	-	-	-	174	174	174	-	58	58							
MULTIPLE PARTS OF BODY-----	2	-	-	14	14	16	3	19	12,000	-	-	1,098	1,098	13,098	-	78	819						
TOTAL OR AVERAGE-----	2	-	3	301	304	306	150	456	12,000	-	1,060	17,670	18,730	30,730	353	59	100						
OFFICE:																							
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1							
ANKLE-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1						

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
GRAND TOTAL OR AVERAGE:																							
EYE-----	-	-	-	6	6	6	22	28	-	-	24	24	24	-	4	4							
JAW-----	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-						
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	2	2	-	-	40	40	40	-	20	20							
NOSE-----	-	-	-	2	2	2	-	2	-	-	6	6	6	-	3	3							
FACE, NEC-----	-	-	-	2	2	2	2	4	-	-	32	32	32	-	6	6							
HEAD, NEC-----	-	-	-	5	5	5	6	11	-	-	187	187	187	-	37	37							
NECK-----	-	-	-	5	5	5	2	7	-	-	340	340	340	-	113	113							
UPPER ARM-----	-	-	-	3	3	3	3	3	-	-	221	221	221	-	37	37							
ELBOW-----	-	-	-	6	6	6	3	9	-	-	70	70	70	-	14	14							
FOREARM-----	-	-	-	5	5	5	5	10	-	-	941	941	941	-	94	94							
Wrist-----	-	-	-	10	10	10	-	10	-	-	590	590	590	-	45	45							
HAND-----	-	-	-	13	13	13	10	23	-	-	1,010	1,158	2,168	2,168	505	34	60						
FINGER(S)-----	-	2	34	36	36	48	84	-	-	-	371	371	371	-	74	74							
UPPER EXTREMITIES, NEC-----	-	-	-	5	5	5	3	8	-	-	63	63	63	-	32	32							
ABDOMEN-----	-	-	-	2	2	2	-	2	-	-	3,294	3,294	3,294	-	69	69							
BACK-----	-	-	-	48	48	48	8	56	-	-	195	195	195	-	49	49							
CHEST-----	-	-	-	4	4	4	7	11	-	-	50	289	339	339	50	24	26						
PELVIC REGION-----	-	1	12	13	13	-	13	-	-	-	3,220	3,220	3,220	-	75	75							
SHOULDER(S)-----	-	-	-	43	43	43	4	47	-	-	381	381	381	-	76	76							
TRUNK, NEC-----	-	-	-	5	5	5	-	5	-	-	131	131	131	-	131	131							
THIGH-----	-	-	-	1	1	1	2	3	-	-	2,125	2,125	2,125	-	64	64							
KNEE-----	-	-	-	33	33	33	1	34	-	-	549	549	549	-	78	78							
LOWER LEG-----	-	-	-	7	7	7	2	9	-	-	888	888	888	-	49	49							
ANKLE-----	-	-	-	18	18	18	9	27	-	-	813	813	813	-	81	81							
FOOT-----	-	-	-	10	10	10	-	10	-	-	30	30	30	-	30	30							
TOE(S)-----	-	-	-	1	1	1	-	1	-	-	441	441	441	-	88	88							
LOWER EXTREMITIES, NEC-----	-	-	-	5	5	5	1	6	-	-	174	174	174	-	58	58							
BODY SYSTEMS-----	-	-	-	3	3	3	4	7	-	-	1,098	1,098	13,098	-	78	78							
MULTIPLE PARTS OF BODY-----	2	-	-	14	14	16	3	19	12,000	-	-	1,060	17,671	18,731	30,731	353	59	100					
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	12,000	-	1,060	17,671	18,731	30,731	353	59	100						

TABLE 10. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES									
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL	
		TOTAL	PARTIAL	TOTAL NFDL												
UNDERGROUND MINES:																
UNDERGROUND:																
AMPUTATION/ENUCLEATION--	-	-	1	-	1	1	-	1	-	.04	.04	-	.04	-	5	
CONTUSION OR BRUISE----	-	-	-	5	5	5	2	7	-	.19	.19	.08	.27	-	4	
CUT OR PUNCTURE-----	-	-	6	6	6	6	15	21	-	.23	.23	.57	.80	-	2	
FRACTURE-----	-	-	19	19	19	19	1	20	-	.72	.72	.04	.76	-	59	
HERNIA (NOT DISC)-----	-	-	1	1	1	1	-	1	-	.04	.04	-	.04	-	1	
RADIATION/ULTRA VIOLET--	-	-	-	-	-	-	1	1	-	-	-	.04	.04	-	-	
SCRATCH/ABRASION--	-	-	1	1	1	1	-	1	-	.04	.04	-	.04	-	(*)	
STRAIN/SPRAIN-----	-	-	27	27	27	27	3	30	-	1.03	1.03	.11	1.14	-	64	
MULTI PLE INJURIES-----	1	-	1	1	2	1	2	3	.04	.04	.08	.04	.11	228	2	
OTHER INJURY, NEC-----	-	-	1	1	2	1	3	3	-	.04	.04	.08	.11	-	(*)	
UNCLASSIFIED (NO DATA)--	-	-	3	3	3	1	4	4	-	.11	.11	.04	.15	-	10	
TOTAL OR AVERAGE-----	1	-	1	64	65	66	26	92	.04	2.47	2.51	.99	3.50	228	148	
TOTAL OR AVERAGE-----															376	
SURFACE AT UNDERGROUND:																
BURN/SCALD (NOT CHEM.)--	-	-	-	1	1	1	-	1	-	.24	.24	-	.24	-	2	
CONTUSION OR BRUISE----	-	-	4	4	4	4	-	4	-	.94	.94	-	.94	-	50	
CUT OR PUNCTURE-----	-	-	3	3	3	3	11	14	-	.71	.71	2.60	3.30	-	8	
DILOCATION-----	-	-	1	1	1	1	-	1	-	.24	.24	-	.24	-	11	
FRACTURE-----	-	-	1	1	1	1	1	2	-	.24	.24	.24	.47	-	33	
HERNIA (NOT DISC)-----	-	-	1	1	1	1	-	1	-	.24	.24	-	.24	-	5	
POISONING (SYSTEMIC)---	-	-	-	-	-	-	3	3	-	-	-	.71	.71	-	-	
STRAIN/SPRAIN-----	-	-	10	10	10	10	1	11	-	2.36	2.36	.24	2.60	-	204	
MULTI PLE INJURIES-----	-	-	1	1	1	1	-	1	-	.24	.24	-	.24	-	2	
UNCLASSIFIED (NO DATA)--	-	-	2	2	2	2	-	2	-	.47	.47	-	.47	-	10	
TOTAL OR AVERAGE-----	-	-	-	24	24	24	16	40	-	5.66	5.66	3.78	9.44	-	324	
TOTAL OR AVERAGE-----															324	
TOTAL OR AVERAGE, UG:																
AMPUTATION/ENUCLEATION--	-	-	1	-	1	1	-	1	-	.03	.03	-	.03	-	4	
BURN/SCALD (NOT CHEM.)-	-	-	1	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	
CONTUSION OR BRUISE----	-	-	9	9	9	9	2	11	-	.29	.29	.07	.36	-	11	
CUT OR PUNCTURE-----	-	-	9	9	9	9	26	35	-	.29	.29	.85	1.15	-	2	
DILOCATION-----	-	-	1	1	1	1	-	1	-	.03	.03	-	.03	-	1	
FRACTURE-----	-	-	20	20	20	20	2	22	-	.65	.65	.07	.72	-	56	
HERNIA (NOT DISC)-----	-	-	2	2	2	2	-	2	-	.07	.07	-	.07	-	2	
POISONING (SYSTEMIC)---	-	-	-	-	-	-	3	3	-	-	-	.10	.10	-	-	
RADIATION/ULTRA VIOLET--	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	
SCRATCH/ABRASION--	-	-	1	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	
STRAIN/SPRAIN-----	-	-	37	37	37	37	4	41	-	1.21	1.21	.13	1.34	-	84	
MULTI PLE INJURIES-----	1	-	2	2	2	3	1	4	.03	.07	.10	.03	.13	196	2	
OTHER INJURY, NEC-----	-	-	1	1	1	1	2	3	-	.03	.03	.07	.10	-	(*)	
UNCLASSIFIED (NO DATA)--	-	-	5	5	5	5	1	6	-	.16	.16	.03	.20	-	10	
TOTAL OR AVERAGE-----	1	-	1	88	89	90	42	132	.03	2.91	2.95	1.37	4.32	196	172	
TOTAL OR AVERAGE-----															369	

TABLE 10. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES									
		PERMANENT		TEMPO- RARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL	
		TOTAL	PARTIAL	TOTAL NFDL												
SURFACE MINES:																
OPEN PIT:																
BURN/SCALD (NOT CHEM.)--	-	-	-	2	2	2	4	-	.05	.05	.05	.10	-	1	1	
CONCUSSION (CEREBRAL)--	-	-	1	1	1	-	1	-	.03	.03	-	.03	(*)	1	1	
CONTUSION OR BRUISE--	-	-	3	3	3	1	4	-	.08	.08	.03	.10	-	1	1	
CUT OR PUNCTURE--	-	-	3	3	3	11	14	-	.08	.08	.28	.35	-	1	1	
DUST IN EYE-----	-	-	-	-	-	3	3	-	-	-	.08	.08	-	-	-	
ELECTRIC SHOCK-----	-	-	1	1	1	1	2	-	.03	.03	.03	.05	-	(*)	(*)	
FRACTURE-----	-	-	10	10	10	2	12	-	.25	.25	.05	.30	-	12	12	
RADIATION/ULTRA VIOLET--	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)	
STRAIN/SPRAIN--	-	-	37	37	37	3	40	-	.94	.94	.08	1.01	-	52	52	
MULTI PLE INJURIES--	1	-	1	1	2	-	2	.03	.03	.05	-	.05	152	3	155	
OTHER INJURY, NEC--	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)	
UNCLASSIFIED (NO DATA)--	-	-	3	3	3	2	5	-	.08	.08	.05	.13	-	11	11	
TOTAL OR AVERAGE----	1	-	-	63	63	64	25	89	.03	1.60	1.62	.63	2.26	152	82	234
DREDGE:																
CONTUSION OR BRUISE--	-	-	1	1	1	-	1	-	.91	.91	-	.91	-	16	16	
CUT OR PUNCTURE--	-	-	-	-	-	1	1	-	-	-	.91	.91	-	-	-	
STRAIN/SPRAIN--	-	-	2	2	2	-	2	-	1.81	1.81	-	1.81	-	127	127	
TOTAL OR AVERAGE----	-	-	-	3	3	3	1	4	-	2.72	2.72	.91	3.62	-	143	143
TOTAL OR AVERAGE, SURFACE:																
BURN/SCALD (NOT CHEM.)--	-	-	2	2	2	2	4	-	.05	.05	.05	.10	-	1	1	
CONCUSSION (CEREBRAL)--	-	-	1	1	1	-	1	-	.02	.02	-	.02	(*)	1	1	
CONTUSION OR BRUISE--	-	-	4	4	4	1	5	-	.10	.10	.02	.12	-	2	2	
CUT OR PUNCTURE--	-	-	3	3	3	12	15	-	.07	.07	.29	.37	-	1	1	
DUST IN EYE-----	-	-	-	-	-	3	3	-	-	-	.07	.07	-	-	-	
ELECTRIC SHOCK-----	-	-	1	1	1	1	2	-	.02	.02	.02	.05	-	(*)	(*)	
FRACTURE-----	-	-	10	10	10	2	12	-	.24	.24	.05	.29	-	12	12	
RADIATION/ULTRA VIOLET--	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)	
STRAIN/SPRAIN--	-	-	39	39	39	3	42	-	.95	.95	.07	1.03	-	54	54	
MULTI PLE INJURIES--	1	-	1	1	2	-	2	.02	.02	.05	-	.05	146	3	149	
OTHER INJURY, NEC--	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)	
UNCLASSIFIED (NO DATA)--	-	-	3	3	3	2	5	-	.07	.07	.05	.12	-	11	11	
TOTAL OR AVERAGE----	1	-	-	66	66	67	26	93	.02	1.61	1.64	.63	2.27	146	83	230

TABLE 10. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES				
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	INCIDENCE RATES				SEVERITY MEASURES					
		PERMANENT		TEMPORARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL		
		TOTAL	PARTIAL	TOTAL NFDL													
TOTAL OR AVERAGE, MINING:																	
AMPUTATION/ENUCLEATION-	-	-	1	-	1	1	1	.01	.01	-.01	.01	.01	-	2	2		
BURN/SCALD (NOT CHEM.)-	-	-	-	3	3	3	2	.04	.04	.03	.07	-.01	(*)	5	(*)		
CONCUSSION (CEREBRAL)-	-	-	-	1	1	1	-	.01	.01	-.01	.01	-.01	-	2	1		
CONTUSION OR BRUISE-	-	-	-	13	13	13	3	16	.18	.18	.04	.22	-	-	-		
CUT OR PUNCTURE-	-	-	-	12	12	12	38	50	.17	.17	.53	.70	-	2	1		
DISLOCATION-	-	-	-	1	1	1	-	.01	.01	-.01	.01	-.01	-	1	1		
DUST IN EYE-	-	-	-	-	-	-	3	3	-	-.04	.04	.04	-	-	-		
ELECTRIC SHOCK-	-	-	-	1	1	1	1	.01	.01	-.01	.01	.03	-	(*)	(*)		
FRACTURE-	-	-	-	30	30	30	4	34	.42	.42	.06	.48	-	30	30		
HERNIA (NOT DISC)-	-	-	-	2	2	2	-	.03	.03	-.03	.03	-.03	-	1	1		
POISONING (SYSTEMIC)-	-	-	-	-	-	-	3	3	-	-.04	.04	-.04	-	-	-		
RADIATION/ULTRA VIOLET-	-	-	-	1	1	1	1	.01	.01	-.01	.01	.03	-	(*)	(*)		
SCRATCH/ABRASION-	-	-	-	1	1	1	-	.01	.01	-.01	.01	-.01	-	(*)	(*)		
STRAIN/SPRAIN-	-	-	-	76	76	76	7	83	1.06	1.06	.10	1.16	-	67	67		
MULTIPLE INJURIES-	2	-	-	3	3	5	1	6	.03	.04	.07	.01	.08	168	2		
OTHER INJURY, NEC-	-	-	-	2	2	2	2	4	-.03	.03	.03	.06	-.03	(*)	(*)		
UNCLASSIFIED (NO DATA)-	-	-	-	8	8	8	3	11	-.11	.11	.04	.15	-	10	10		
TOTAL OR AVERAGE-----	2	-	1	154	155	157	68	225	.03	2.17	2.19	.95	3.15	168	121	289	
PROCESSING PLANTS:																	
AMPUTATION/ENUCLEATION-	-	-	1	-	1	1	-	1	.01	.01	-.01	.01	-.01	-	8	8	
BURN/SCALD (NOT CHEM.)-	-	-	-	3	3	3	2	5	.03	.03	.02	.04	-.01	1	1		
CHEMICAL BURN-	-	-	-	-	-	-	2	2	-	-.02	.02	.02	-.02	-	-		
CONCUSSION (CEREBRAL)-	-	-	-	2	2	2	-	2	.02	.02	-.02	.02	-.02	(*)	(*)		
CONTUSION OR BRUISE-	-	-	-	9	9	9	3	12	.08	.08	.03	.11	-.02	6	6		
CUT OR PUNCTURE-	-	-	-	11	11	11	34	45	.10	.10	.30	.40	-.02	2	2		
DISLOCATION-	-	-	-	1	1	1	-	1	.01	.01	-.01	.01	-.01	(*)	(*)		
DUST IN EYE-	-	-	-	1	1	1	1	9	.01	.01	.07	.08	-.01	(*)	(*)		
ELECTRIC SHOCK-	-	-	-	1	1	1	-	1	.01	.01	-.01	.01	-.01	1	1		
FRACTURE-	-	-	-	30	30	30	10	40	.27	.27	.09	.36	-.02	24	24		
HERNIA (NOT DISC)-	-	-	1	3	4	4	-	4	.04	.04	-.04	.04	-.04	1	1		
POISONING (SYSTEMIC)-	-	-	-	1	1	1	-	1	.01	.01	-.01	.01	-.01	(*)	(*)		
RADIATION/ULTRA VIOLET-	-	-	-	1	1	1	-	1	.01	.01	-.01	.01	-.01	(*)	(*)		
SCRATCH/ABRASION-	-	-	-	-	-	-	5	5	-.04	.04	-.04	.04	-.04	-	-		
STRAIN/SPRAIN-	-	-	-	70	70	70	15	85	.62	.62	.13	.76	-.04	40	40		
MULTIPLE INJURIES-----	-	-	1	1	1	1	2	2	.01	.01	.01	.02	-.01	(*)	(*)		
OTHER INJURY, NEC-----	-	-	3	3	3	3	2	3	-.03	.03	-.03	.03	-.03	(*)	(*)		
UNCLASSIFIED (NO DATA)-	-	-	10	10	10	2	12	-.09	.09	.02	.11	-.05	5	5			
TOTAL OR AVERAGE-----	-	-	2	147	149	149	82	231	1.32	1.32	.73	2.05	-	89	89		

TABLE 10. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES				
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	INCIDENCE RATES				SEVERITY MEASURES					
		PERMANENT		TEMPORARY				FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL		
		TOTAL	PARTIAL	TOTAL NFDL													
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
AMPUTATION/ENUCLEATION---	-	-	2	-	2	2	-	.01	.01	-	.01	-	5	5			
BURN/SCALD (NOT CHEM.)---	-	-	-	6	6	6	4	.03	.03	.02	.05	-	1	1			
CHEMICAL BURN---	-	-	-	3	3	3	2	.02	.02	.01	.01	-	(*)	(*)			
CONCUSSION (CEREBRAL)---	-	-	-	22	22	22	6	.12	.12	.03	.15	-	6	6			
CONTUSION OR BRUISE---	-	-	-	23	23	23	72	.12	.12	.39	.52	-	2	2			
CUT OR PUNCTURE---	-	-	-	2	2	2	2	.01	.01	.01	.01	-	1	1			
DISLOCATION---	-	-	-	1	1	1	11	.01	.01	.01	.01	-	(*)	(*)			
DUST IN EYE---	-	-	-	1	1	1	12	.01	.01	.06	.07	-	(*)	(*)			
ELECTRIC SHOCK---	-	-	-	2	2	2	1	.01	.01	.01	.02	-	1	1			
FRACTURE---	-	-	60	60	60	14	74	.33	.33	.08	.40	-	26	26			
HERNIA (NOT DISC)---	-	-	1	5	6	6	-	.03	.03	.03	.03	-	1	1			
POISONING (SYSTEMIC)---	-	-	1	1	1	3	4	.01	.01	.02	.02	-	(*)	(*)			
RADIATION/ULTRA VIOLET---	-	-	2	2	2	1	3	.01	.01	.01	.02	-	(*)	(*)			
SCRATCH/ABRASION---	-	-	1	1	1	5	6	.01	.01	.03	.03	-	(*)	(*)			
STRAIN/SPRAIN---	-	-	146	146	146	22	168	.79	.79	.12	.91	-	50	50			
MULTIPLE INJURIES---	2	-	4	4	6	2	8	.01	.02	.03	.01	.04	65	1	66		
OTHER INJURY, NEC---	-	-	5	5	5	2	7	.03	.03	.01	.04	-	(*)	(*)			
UNCLASSIFIED (NO DATA)---	-	-	18	18	18	5	23	.10	.10	.03	.12	-	7	7			
TOTAL OR AVERAGE-----	2	-	3	301	304	306	150	456	.01	1.65	1.66	.82	2.48	65	102	167	
OFFICE:																	
FRacture-----	-	-	-	-	-	1	1	-	-	.03	.03	.03	.03	-	(*)	(*)	
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	.03	.03	.03	.03	-	(*)	(*)	
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	.03	.03	.03	.06	-	(*)	(*)	
GRAND TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION---	-	-	2	-	2	2	-	.01	.01	-	.01	-	5	5			
BURN/SCALD (NOT CHEM.)---	-	-	-	6	6	6	4	.03	.03	.02	.05	-	1	1			
CHEMICAL BURN---	-	-	-	-	-	2	2	.01	.01	.01	.01	-	(*)	(*)			
CONCUSSION (CEREBRAL)---	-	-	3	3	3	3	-	.10	.10	.03	.13	-	5	5			
CONTUSION OR BRUISE---	-	-	22	22	22	6	28	.11	.11	.33	.44	-	2	2			
CUT OR PUNCTURE---	-	-	23	23	23	72	95	.01	.01	.01	.01	-	(*)	(*)			
DISLOCATION---	-	-	2	2	2	2	-	.01	.01	.05	.06	-	(*)	(*)			
DUST IN EYE---	-	-	1	1	1	1	11	.01	.01	.01	.01	-	1	1			
ELECTRIC SHOCK---	-	-	2	2	2	1	3	.01	.01	.01	.01	-	(*)	(*)			
FRacture---	-	-	60	60	60	15	75	.28	.28	.07	.35	-	22	22			
HERNIA (NOT DISC)---	-	-	1	5	6	6	-	.03	.03	.03	.03	-	1	1			
POISONING (SYSTEMIC)---	-	-	1	1	1	3	4	(*)	(*)	.01	.02	-	(*)	(*)			
RADIATION/ULTRA VIOLET---	-	-	2	2	2	1	3	.01	.01	.01	.01	-	(*)	(*)			
SCRATCH/ABRASION---	-	-	1	1	1	5	6	(*)	(*)	.02	.03	-	(*)	(*)			
STRAIN/SPRAIN---	-	-	147	147	147	22	169	.68	.68	.10	.78	-	43	43			
MULTIPLE INJURIES---	2	-	4	4	6	2	8	.01	.02	.03	.01	.04	56	1	56		
OTHER INJURY, NEC---	-	-	5	5	5	2	7	.02	.02	.02	.03	-	(*)	(*)			
UNCLASSIFIED (NO DATA)---	-	-	18	18	18	5	23	.08	.08	.02	.11	-	6	6			
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	.01	1.41	1.42	.70	2.12	56	87	142	

TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
UNDERGROUND INJURIES:																							
UNDERGROUND:																							
AMPUTATION/ENUCLEATION--	-	-	1	-	1	1	-	-	-	135	-	135	135	135	-	135	135						
CONTUSION OR BRUISE--	-	-	5	5	5	2	7	-	-	113	113	113	113	113	23	23	23						
CUT OR PUNCTURE--	-	-	6	6	6	15	21	-	-	43	43	43	43	43	7	7	7						
FRACTURE--	-	-	19	19	19	1	20	-	-	1,560	1,560	1,560	1,560	1,560	82	82	82						
HERNIA (NOT DISC)--	-	-	1	1	1	-	1	-	-	35	35	35	35	35	35	35	35						
RADIATION/ULTRA VIOLET--	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
SCRATCH/ABRASION--	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1	1	1						
STRAIN/SPRAIN--	-	-	27	27	27	3	30	-	-	1,693	1,693	1,693	1,693	1,693	63	63	63						
MULTIPLE INJURIES--	1	-	1	1	2	1	3	6,000	-	48	48	48	48	48	48	48	3,024						
OTHER INJURY, NEC--	-	-	1	1	1	2	3	-	-	4	4	4	4	4	4	4	4						
UNCLASSIFIED (NO DATA)--	-	-	3	3	3	1	4	-	-	254	254	254	254	254	85	85	85						
TOTAL OR AVERAGE----	1	-	1	64	65	66	26	92	6,000	-	135	3,751	3,886	9,886	135	59	150						
SURFACE AT UNDERGROUND:																							
BURN/SCALD (NOT CHEM.)--	-	-	-	1	1	1	-	1	-	-	8	8	8	-	8	8	8						
CONTUSION OR BRUISE--	-	-	4	4	4	-	4	-	-	211	211	211	211	211	53	53	53						
CUT OR PUNCTURE--	-	-	3	3	3	11	14	-	-	32	32	32	32	32	11	11	11						
DISLOCATION--	-	-	-	1	1	1	-	1	-	-	45	45	45	45	45	45	45						
FRACTURE--	-	-	-	1	1	1	-	2	-	-	140	140	140	140	140	140	140						
HERNIA (NOT DISC)--	-	-	1	1	1	-	1	-	-	21	21	21	21	21	21	21	21						
POISONING (SYSTEMIC)--	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-						
STRAIN/SPRAIN--	-	-	10	10	10	1	11	-	-	865	865	865	865	865	86	86	86						
MULTIPLE INJURIES--	-	-	1	1	1	-	1	-	-	10	10	10	10	10	10	10	10						
UNCLASSIFIED (NO DATA)--	-	-	2	2	2	-	2	-	-	42	42	42	42	42	21	21	21						
TOTAL OR AVERAGE----	-	-	-	24	24	24	16	40	-	-	1,374	1,374	1,374	1,374	-	57	57						
TOTAL OR AVERAGE, UG:																							
AMPUTATION/ENUCLEATION--	-	-	1	-	1	1	-	1	-	135	-	135	135	135	-	135	135						
BURN/SCALD (NOT CHEM.)--	-	-	1	1	1	-	1	-	-	8	8	8	8	8	8	8	8						
CONTUSION OR BRUISE--	-	-	9	9	9	2	11	-	-	324	324	324	324	324	36	36	36						
CUT OR PUNCTURE--	-	-	9	9	9	9	35	-	-	75	75	75	75	75	8	8	8						
DISLOCATION--	-	-	1	1	1	-	1	-	-	45	45	45	45	45	45	45	45						
FRACTURE--	-	-	20	20	20	2	22	-	-	1,700	1,700	1,700	1,700	1,700	85	85	85						
HERNIA (NOT DISC)--	-	-	2	2	2	-	2	-	-	56	56	56	56	56	28	28	28						
POISONING (SYSTEMIC)--	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-						
RADIATION/ULTRA VIOLET--	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
SCRATCH/ABRASION--	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1	1	1						
STRAIN/SPRAIN--	-	-	37	37	37	4	41	-	-	2,558	2,558	2,558	2,558	2,558	69	69	69						
MULTIPLE INJURIES--	1	-	2	2	3	1	4	6,000	-	58	58	58	58	58	29	29	2,019						
OTHER INJURY, NEC--	-	-	1	1	1	2	3	-	-	4	4	4	4	4	4	4	4						
UNCLASSIFIED (NO DATA)--	-	-	5	5	5	1	6	-	-	296	296	296	296	296	59	59	59						
TOTAL OR AVERAGE----	1	-	1	88	89	90	42	132	6,000	-	135	5,125	5,260	11,260	135	58	125						

TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	PERMA- NENT PARTIAL	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
SURFACE MINES:																							
OPEN PIT:																							
BURN/SCALD (NOT CHEM.)--	-	-	-	2	2	2	2	-	-	-	42	42	42	-	21	21							
CONCUSSION (CEREBRAL)--	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3							
CONTUSION OR BRUISE--	-	-	3	3	3	1	4	-	-	-	44	44	44	-	15	15							
CUT OR PUNCTURE--	-	-	3	3	3	11	14	-	-	-	46	46	46	-	15	15							
DUST IN EYE-----	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-							
ELECTRIC SHOCK-----	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1							
FRACTURE-----	-	-	10	10	10	2	12	-	-	-	479	479	479	-	48	48							
RADIATION/ULTRA VIOLET--	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11							
STRAIN/SPRAIN-----	-	-	37	37	37	3	40	-	-	-	2,063	2,063	2,063	-	56	56							
MULTIPLE INJURIES-----	1	-	1	1	2	-	2	6,000	-	-	106	106	6,106	-	106	3,053							
OTHER INJURY, NEC-----	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4							
UNCLASSIFIED (NO DATA)--	-	-	3	3	3	2	5	-	-	-	447	447	447	-	149	149							
TOTAL OR AVERAGE-----	1	-	-	63	63	64	25	89	6,000	-	-	3,246	3,246	9,246	-	52	144						
DREDGE:																							
CONTUSION OR BRUISE--	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18							
CUT OR PUNCTURE--	-	-	2	2	2	-	2	-	-	-	140	140	140	-	70	70							
STRAIN/SPRAIN-----	-	-	3	3	3	1	4	-	-	-	158	158	158	-	53	53							
TOTAL OR AVERAGE-----	-	-	-	3	3	3	1	4	-	-	158	158	158	-	53	53							
TOTAL OR AVERAGE, SURFACE:																							
BURN/SCALD (NOT CHEM.)--	-	-	2	2	2	2	4	-	-	-	42	42	42	-	21	21							
CONCUSSION (CEREBRAL)--	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3							
CONTUSION OR BRUISE--	-	-	4	4	4	1	5	-	-	-	62	62	62	-	16	16							
CUT OR PUNCTURE--	-	-	3	3	3	12	15	-	-	-	46	46	46	-	15	15							
DUST IN EYE-----	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-							
ELECTRIC SHOCK-----	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1							
FRACTURE-----	-	-	10	10	10	2	12	-	-	-	479	479	479	-	48	48							
RADIATION/ULTRA VIOLET--	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11							
STRAIN/SPRAIN-----	-	-	39	39	39	3	42	6,000	-	-	2,203	2,203	2,203	-	56	56							
MULTIPLE INJURIES-----	1	-	1	1	2	-	2	-	-	-	106	106	6,106	-	106	3,053							
OTHER INJURY, NEC-----	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4							
UNCLASSIFIED (NO DATA)--	-	-	3	3	3	2	5	-	-	-	447	447	447	-	149	149							
TOTAL OR AVERAGE-----	1	-	-	66	66	67	26	93	6,000	-	-	3,404	3,404	9,404	-	52	140						

TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, MINING:																							
AMPUTATION/ENUCLEATION--	-	-	1	-	1	1	-	-	135	-	135	135	135	135	-	17	135						
BURN/SCALD (NOT CHEM.)--	-	-	3	3	3	2	5	-	50	50	50	50	50	50	-	17	17						
CONCUSSION (CEREBRAL)--	-	-	1	1	1	-	1	-	3	3	3	3	3	3	-	3	3						
CONTUSION OR BRUISE--	-	-	13	13	13	3	16	-	386	386	386	386	386	386	-	30	30						
CUT OR PUNCTURE--	-	-	12	12	12	38	50	-	121	121	121	121	121	121	-	10	10						
DI SLOCATION--	-	-	1	1	1	-	1	-	45	45	45	45	45	45	-	45	45						
DUST IN EYE--	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-						
ELECTRIC SHOCK--	-	-	1	1	1	1	2	-	-	-	-	-	-	-	-	1	1						
FRACTURE--	-	-	30	30	30	4	34	-	-	2,179	2,179	2,179	2,179	2,179	2,179	-	73	73					
HERNIA (NOT DISC)--	-	-	2	2	2	-	2	-	-	56	56	56	56	56	56	-	28	28					
POISONING (SYSTEMIC)--	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-						
RADIATION/ULTRA VIOLET--	-	-	1	1	1	1	2	-	-	11	11	11	11	11	11	-	11	11					
SCRATCH/ABRAISON--	-	-	1	1	1	1	1	-	-	1	1	1	1	1	1	-	1	1					
STRAIN/SPRAIN--	-	-	76	76	76	7	83	-	-	4,761	4,761	4,761	4,761	4,761	4,761	-	63	63					
MULTIPLE INJURIES--	2	-	3	3	5	1	6	12,000	-	-	164	164	164	164	164	164	-	55	2,433				
OTHER INJURY, NEC--	-	-	2	2	2	2	4	-	-	8	8	8	8	8	8	-	4	4					
UNCLASSIFIED (NO DATA)--	-	-	8	8	8	3	11	-	-	743	743	743	743	743	743	-	93	93					
TOTAL OR AVERAGE-----	2	-	1	154	155	157	68	225	12,000	-	135	8,529	8,664	20,664	135	55	132						
PROCESSING PLANTS:																							
AMPUTATION/ENUCLEATION--	-	-	1	-	1	1	-	1	-	875	-	875	875	875	875	-	875	875					
BURN/SCALD (NOT CHEM.)--	-	-	3	3	3	2	5	-	-	159	159	159	159	159	159	-	53	53					
CHEMICAL BURN--	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-						
CONCUSSION (CEREBRAL)--	-	-	2	2	2	-	2	-	-	-	15	15	15	15	15	-	8	8					
CONTUSION OR BRUISE--	-	-	9	9	9	3	12	-	-	633	633	633	633	633	633	-	70	70					
CUT OR PUNCTURE--	-	-	11	11	11	34	45	-	-	241	241	241	241	241	241	-	22	22					
DI SLOCATION--	-	-	1	1	1	-	1	-	-	52	52	52	52	52	52	-	52	52					
DUST IN EYE--	-	-	1	1	1	8	9	-	-	1	1	1	1	1	1	-	1	1					
ELECTRIC SHOCK--	-	-	1	1	1	-	1	-	-	167	167	167	167	167	167	-	167	167					
FRACTURE--	-	-	30	30	30	10	40	-	-	2,675	2,675	2,675	2,675	2,675	2,675	-	89	89					
HERNIA (NOT DISC)--	-	-	1	3	4	4	-	4	-	50	68	118	118	118	118	50	23	30					
POISONING (SYSTEMIC)--	-	-	1	1	1	-	1	-	-	-	6	6	6	6	6	-	6	6					
RADIATION/ULTRA VIOLET--	-	-	1	1	1	-	1	-	-	-	31	31	31	31	31	-	31	31					
SCRATCH/ABRAISON--	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-	-						
STRAIN/SPRAIN--	-	-	70	70	70	15	85	-	-	4,471	4,471	4,471	4,471	4,471	4,471	-	64	64					
MULTIPLE INJURIES--	-	-	1	1	1	1	2	-	-	40	40	40	40	40	40	-	40	40					
OTHER INJURY, NEC--	-	-	3	3	3	-	3	-	-	27	27	27	27	27	27	-	9	9					
UNCLASSIFIED (NO DATA)--	-	-	10	10	10	2	12	-	-	555	555	555	555	555	555	-	56	56					
TOTAL OR AVERAGE-----	-	-	2	147	149	149	82	231	-	-	925	9,141	10,066	10,066	462	62	68						

TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	PERMA- NENT PARTIAL	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	1,010	-	209	1,010	1,010	505	-	505						
BURN/SCALD (NOT CHEM.)-----	-	-	6	6	6	4	10	-	-	-	-	-	209	209	35	35	35						
CHEMICAL BURN-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
CONCUSSION (CEREBRAL)-----	-	-	3	3	3	-	3	-	-	-	-	18	18	18	-	6	6						
CONTUSION OR BRUISE-----	-	-	22	22	22	6	28	-	-	-	-	1,019	1,019	1,019	-	46	46						
CUT OR PUNCTURE-----	-	-	23	23	23	72	95	-	-	-	-	362	362	362	-	16	16						
DI SLOCATION-----	-	-	2	2	2	-	2	-	-	-	-	97	97	97	-	48	48						
DUST IN EYE-----	-	-	1	1	1	11	12	-	-	-	-	1	1	1	-	1	1						
ELECTRIC SHOCK-----	-	-	2	2	2	1	3	-	-	-	-	168	168	168	-	84	84						
FRACTURE-----	-	-	60	60	60	14	74	-	-	-	-	4,854	4,854	4,854	-	81	81						
HERNIA (NOT DISC)-----	-	1	5	6	6	-	6	-	-	-	-	50	124	174	50	25	29						
POISONING (SYSTEMIC)-----	-	1	1	1	1	3	4	-	-	-	-	6	6	6	-	6	6						
RADIATION/ULTRA VIOLET-----	-	-	2	2	2	1	3	-	-	-	-	42	42	42	-	21	21						
SCRATCH/ABRASION-----	-	-	1	1	1	5	6	-	-	-	-	1	1	1	-	1	1						
STRAIN/SPRAIN-----	-	-	146	146	146	22	168	-	-	-	-	9,232	9,232	9,232	-	63	63						
MULTIPLE INJURIES-----	2	-	4	4	6	2	8	12,000	-	-	-	204	204	12,204	-	51	2,034						
OTHER INJURY, NEC-----	-	-	5	5	5	2	7	-	-	-	-	35	35	35	-	7	7						
UNCLASSIFIED (NO DATA)-----	-	-	18	18	18	5	23	-	-	-	-	1,298	1,298	1,298	-	72	72						
TOTAL OR AVERAGE-----	2	-	3	301	304	306	150	456	12,000	-	1,060	17,670	18,730	30,730	353	59	100						
OFFICE:																							
FRACTURE-----	-	-	-	-	1	1	1	-	-	-	-	1	1	1	-	1	1						
STRAIN/SPRAIN-----	-	-	-	-	1	1	-	1	-	-	-	1	1	1	-	1	1						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1						
GRAND TOTAL OR AVERAGE:																							
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	1,010	-	209	1,010	1,010	505	-	505					
BURN/SCALD (NOT CHEM.)-----	-	-	6	6	6	4	10	-	-	-	-	-	-	-	-	35	35						
CHEMICAL BURN-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
CONCUSSION (CEREBRAL)-----	-	-	3	3	3	-	3	-	-	-	-	18	18	18	-	6	6						
CONTUSION OR BRUISE-----	-	-	22	22	22	6	28	-	-	-	-	1,019	1,019	1,019	-	46	46						
CUT OR PUNCTURE-----	-	-	23	23	23	72	95	-	-	-	-	362	362	362	-	16	16						
DI SLOCATION-----	-	-	2	2	2	-	2	-	-	-	-	97	97	97	-	48	48						
DUST IN EYE-----	-	-	1	1	1	11	12	-	-	-	-	1	1	1	-	1	1						
ELECTRIC SHOCK-----	-	-	2	2	2	1	3	-	-	-	-	168	168	168	-	84	84						
FRACTURE-----	-	-	60	60	60	15	75	-	-	-	-	4,854	4,854	4,854	-	81	81						
HERNIA (NOT DISC)-----	-	1	5	6	6	-	6	-	-	-	-	50	124	174	50	25	29						
POISONING (SYSTEMIC)-----	-	1	1	1	1	3	4	-	-	-	-	6	6	6	-	6	6						
RADIATION/ULTRA VIOLET-----	-	-	2	2	2	1	3	-	-	-	-	42	42	42	-	21	21						
SCRATCH/ABRASION-----	-	-	1	1	1	5	6	-	-	-	-	1	1	1	-	1	1						
STRAIN/SPRAIN-----	-	-	147	147	147	22	169	-	-	-	-	9,233	9,233	9,233	-	63	63						
MULTIPLE INJURIES-----	2	-	4	4	6	2	8	12,000	-	-	-	204	204	12,204	-	51	2,034						
OTHER INJURY, NEC-----	-	-	5	5	5	2	7	-	-	-	-	35	35	35	-	7	7						
UNCLASSIFIED (NO DATA)-----	-	-	18	18	18	5	23	-	-	-	-	1,298	1,298	1,298	-	72	72						
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	12,000	-	1,060	17,671	18,731	30,731	353	59	100						

TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
EYE:																							
CHEMICAL BURN-----	-	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-						
CUT OR PUNCTURE-----	-	-	-	2	2	2	4	6	-	-	-	16	16	16	-	8	8						
DUST IN EYE-----	-	-	1	1	1	1	11	12	-	-	-	1	1	1	-	1	1						
SCRATCH/ABRASION-----	-	-	1	1	1	1	5	6	-	-	-	1	1	1	-	1	1						
OTHER INJURY, NEC-----	-	-	2	2	2	-	2	-	-	-	-	6	6	6	-	3	3						
TOTAL OR AVERAGE-----	-	-	-	6	6	6	22	28	-	-	-	24	24	24	-	4	4						
JAW:																							
CUT OR PUNCTURE-----	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-						
MOUTH/TEETH/TONGUE:																							
CUT OR PUNCTURE-----	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-						
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	-	-	-	7	7	-	-	-	-	-	-	-	-						
NOSE:																							
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	40	40	40	-	20	20						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	40	40	40	-	20	20						
FACE, NEC:																							
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-						
CUT OR PUNCTURE-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	6	6	6	-	3	3						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	2	4	-	-	-	6	6	6	-	3	3						
HEAD, NEC:																							
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8						
CONCUSSION (CEREBRAL)-----	-	-	3	3	3	-	3	-	-	-	-	18	18	18	-	6	6						
CUT OR PUNCTURE-----	-	-	1	1	1	6	7	-	-	-	-	6	6	6	-	6	6						
TOTAL OR AVERAGE-----	-	-	5	5	5	6	11	-	-	-	-	32	32	32	-	6	6						
NECK:																							
STRAIN/SPRAIN-----	-	-	-	5	5	5	1	6	-	-	-	187	187	187	-	37	37						
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	5	5	5	2	7	-	-	-	187	187	187	-	37	37						

TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES							FATAL	LOST WORKDAYS							AVERAGE SEVERITY							
	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		NFDL				TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL							
	PERMANENT		TEMPO- RARY	TOTAL NFDL					PERMANENT		TEMPO- RARY	TOTAL NFDL											
	TOTAL	PARTIAL							TOTAL	PARTIAL													
UPPER ARM: STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	340	340	340	-	113	113						
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	340	340	340	-	113	113						
ELBOW: CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	2	2	-	1	1	1	-	1	1						
STRAIN/SPRAIN-----	-	-	-	5	5	5	2	7	-	-	-	220	220	220	-	44	44						
TOTAL OR AVERAGE-----	-	-	-	6	6	6	3	9	-	-	-	221	221	221	-	37	37						
FOREARM: BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2						
CUT OR PUNCTURE-----	-	-	-	2	2	2	2	4	-	-	-	4	4	4	-	2	2						
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	59	59	59	-	59	59						
RADIATION/ULTRA VIOLET-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
STRAIN/SPRAIN-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5						
TOTAL OR AVERAGE-----	-	-	-	5	5	5	5	10	-	-	-	70	70	70	-	14	14						
WRIST: CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12						
FRACTURE-----	-	-	-	4	4	4	4	4	-	-	-	443	443	443	-	111	111						
STRAIN/SPRAIN-----	-	-	-	5	5	5	-	5	-	-	-	486	486	486	-	97	97						
TOTAL OR AVERAGE-----	-	-	-	10	10	10	-	10	-	-	-	941	941	941	-	94	94						
HAND: CONTUSION OR BRUISE-----	-	-	-	3	3	3	-	3	-	-	-	13	13	13	-	4	4						
CUT OR PUNCTURE-----	-	-	-	5	5	5	9	14	-	-	-	170	170	170	-	34	34						
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	281	281	281	-	94	94						
STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	106	106	106	-	106	106						
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	-	20	20						
TOTAL OR AVERAGE-----	-	-	-	13	13	13	10	23	-	-	-	590	590	590	-	45	45						
FINGER(S): AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	1,010	-	1,010	1,010	505	-	505						
BURN/SCALD (NOT CHEM.)-----	-	-	1	1	1	1	-	1	-	-	123	123	123	123	123	123	123						
CONTUSION OR BRUISE-----	-	-	4	4	4	4	4	8	-	-	112	112	112	112	28	28	28						
CUT OR PUNCTURE-----	-	-	7	7	7	7	34	41	-	-	123	123	123	123	18	18	18						
DISLOCATION-----	-	-	1	1	1	1	-	1	-	-	52	52	52	52	52	52	52						
FRACTURE-----	-	-	16	16	16	10	26	-	-	-	720	720	720	720	45	45	45						
STRAIN/SPRAIN-----	-	-	2	2	2	2	-	2	-	-	15	15	15	15	8	8	8						
OTHER INJURY, NEC-----	-	-	1	1	1	1	-	1	-	-	5	5	5	5	5	5	5						
UNCLASSIFIED (NO DATA)-----	-	-	2	2	2	2	-	2	-	-	8	8	8	8	-	4	4						
TOTAL OR AVERAGE-----	-	-	2	34	36	36	48	84	-	-	1,010	1,158	2,168	2,168	505	34	60						

TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	PERMA- NENT PARTIAL	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
UPPER EXTREMITIES, NEC: BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	1	-	-	-	10	10	10	-	10	10							
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	3	4	-	20	20	20	-	20	20							
FRACTURE-----	-	-	-	1	1	1	1	-	-	-	320	320	320	-	320	320							
RADIATION/ULTRA VIOLET-----	-	-	-	1	1	1	1	-	-	-	11	11	11	-	11	11							
STRAIN/SPRAIN-----	-	-	-	1	1	1	1	-	-	-	10	10	10	-	10	10							
TOTAL OR AVERAGE-----	-	-	-	5	5	5	8	-	-	-	371	371	371	-	74	74							
ABDOMEN: STRAIN/SPRAIN-----	-	-	-	2	2	2	2	-	-	-	63	63	63	-	32	32							
TOTAL OR AVERAGE-----	-	-	-	2	2	2	2	-	-	-	63	63	63	-	32	32							
BACK: CONTUSION OR BRUISE-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-							
FRACTURE-----	-	-	-	2	2	2	2	-	-	-	95	95	95	-	48	48							
STRAIN/SPRAIN-----	-	-	-	36	36	36	41	-	-	-	2,543	2,543	2,543	-	71	71							
MULTIPLE INJURIES-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-							
UNCLASSIFIED (NO DATA)-----	-	-	-	10	10	10	11	-	-	-	656	656	656	-	66	66							
TOTAL OR AVERAGE-----	-	-	-	48	48	48	56	-	-	-	3,294	3,294	3,294	-	69	69							
CHEST: CONTUSION OR BRUISE-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-							
CUT OR PUNCTURE-----	-	-	-	3	3	3	3	-	-	-	191	191	191	-	64	64							
FRACTURE-----	-	-	-	1	1	1	2	3	-	-	4	4	4	-	4	4							
STRAIN/SPRAIN-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-							
MULTIPLE INJURIES-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-							
OTHER INJURY, NEC-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-							
TOTAL OR AVERAGE-----	-	-	-	4	4	4	7	11	-	-	195	195	195	-	49	49							
PELVIC REGION: CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	-	-	-	15	15	15	-	15	15							
FRACTURE-----	-	-	-	2	2	2	2	-	-	-	131	131	131	-	66	66							
HERNIA (NOT DISC)-----	-	-	-	5	6	6	6	-	-	-	124	124	124	-	25	29							
STRAIN/SPRAIN-----	-	-	-	3	3	3	3	-	-	-	15	15	15	-	5	5							
OTHER INJURY, NEC-----	-	-	-	1	1	1	1	-	-	-	4	4	4	-	4	4							
TOTAL OR AVERAGE-----	-	-	-	12	13	13	-	13	-	-	50	289	339	339	50	24	26						
SHOULDER(S): BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-							
CONTUSION OR BRUISE-----	-	-	-	2	2	2	2	-	-	-	259	259	259	-	130	130							
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	-	-	-	2	2	2	-	2	2							
FRACTURE-----	-	-	-	4	4	4	4	-	-	-	345	345	345	-	86	86							
STRAIN/SPRAIN-----	-	-	-	34	34	34	35	-	-	-	2,529	2,529	2,529	-	74	74							
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	4	-	-	-	85	85	85	-	42	42							
TOTAL OR AVERAGE-----	-	-	-	43	43	43	47	-	-	-	3,220	3,220	3,220	-	75	75							

TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TRUNK, NEC: CONTUSION OR BRUISE-----	-	-	-	3	3	3	-	3	-	-	-	213	213	213	-	71	71						
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	77	77	77	-	77	77						
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	91	91	91	-	91	91						
TOTAL OR AVERAGE-----	-	-	-	5	5	5	-	5	-	-	-	381	381	381	-	76	76						
THIGH: CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	131	131	131	-	131	131						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	-	131	131	131	-	131	131						
KNEE: CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	28	28	28	-	14	14						
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	192	192	192	-	96	96						
STRAIN/SPRAIN-----	-	-	-	27	27	27	1	28	-	-	-	-	1,711	1,711	1,711	-	63	63					
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	-	2	-	-	-	194	194	194	-	97	97						
TOTAL OR AVERAGE-----	-	-	-	33	33	33	1	34	-	-	-	2,125	2,125	2,125	-	64	64						
LOWER LEG: CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	281	281	281	-	140	140						
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	-	2	2	2	1	3	-	-	-	232	232	232	-	116	116						
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	36	36	36	-	12	12						
TOTAL OR AVERAGE-----	-	-	-	7	7	7	2	9	-	-	-	549	549	549	-	78	78						
ANKLE: CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
DISLOCATION-----	-	-	-	-	1	1	1	1	-	-	-	45	45	45	-	45	45						
FRACTURE-----	-	-	-	5	5	5	1	6	-	-	-	454	454	454	-	91	91						
STRAIN/SPRAIN-----	-	-	-	12	12	12	6	18	-	-	-	389	389	389	-	32	32						
TOTAL OR AVERAGE-----	-	-	-	18	18	18	9	27	-	-	-	888	888	888	-	49	49						
FOOT: BURN/SCALD (NOT CHEM.)-----	-	-	-	2	2	2	-	2	-	-	-	57	57	57	-	28	28						
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	20	20	20	-	10	10						
FRACTURE-----	-	-	-	5	5	5	-	5	-	-	-	714	714	714	-	143	143						
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22						
TOTAL OR AVERAGE-----	-	-	-	10	10	10	-	10	-	-	-	813	813	813	-	81	81						
TOE(S): FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30						

TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	PERMA- NENT PARTIAL	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
LOWER EXTREMITIES, NEC: CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	38	38	38	-	38	38						
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	393	393	393	-	131	131						
STRAIN/SPRAIN-----	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-						
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10						
TOTAL OR AVERAGE-----	-	-	-	5	5	5	1	6	-	-	-	441	441	441	-	88	88						
BODY SYSTEMS:																							
ELECTRIC SHOCK-----	-	-	-	2	2	2	1	3	3	-	-	168	168	168	-	84	84						
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	3	4	-	-	-	6	6	6	-	6	6						
TOTAL OR AVERAGE-----	-	-	-	3	3	3	4	7	-	-	-	174	174	174	-	58	58						
MULTIPLE PARTS OF BODY:																							
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	1	2	-	-	-	11	11	11	-	11	11						
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	38	38	38	-	38	38						
CUT OR PUNCTURE-----	-	-	-	2	2	2	1	3	-	-	-	8	8	8	-	4	4						
RADIATION/ULTRA VIOLET-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31						
STRAIN/SPRAIN-----	-	-	-	5	5	5	1	6	-	-	-	567	567	567	-	113	113						
MULTIPLE INJURIES-----	2	-	-	2	2	4	-	4	12,000	-	-	88	88	12,088	-	44	3,022						
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	-	2	-	-	-	355	355	355	-	178	178						
TOTAL OR AVERAGE-----	2	-	-	14	14	16	3	19	12,000	-	-	1,098	1,098	13,098	-	78	819						
TOTAL OR AVERAGE:																							
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	1,010	-	1,010	1,010	505	-	505						
BURN/SCALD (NOT CHEM.)-----	-	-	6	6	6	4	10	-	-	-	209	209	209	-	35	35							
CHEMICAL BURN-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-						
CONCUSSION (CEREBRAL)-----	-	-	3	3	3	-	3	-	-	-	18	18	18	-	6	6							
CONTUSION OR BRUISE-----	-	22	22	22	6	28	-	-	-	-	1,019	1,019	1,019	-	46	46							
CUT OR PUNCTURE-----	-	23	23	23	72	95	-	-	-	-	362	362	362	-	16	16							
DISLOCATION-----	-	-	2	2	2	2	-	2	-	-	97	97	97	-	48	48							
DUST IN EYE-----	-	-	1	1	1	1	11	12	-	-	1	1	1	-	1	1							
ELECTRIC SHOCK-----	-	-	2	2	2	1	1	3	-	-	168	168	168	-	84	84							
FRACTURE-----	-	60	60	60	15	75	-	-	-	-	4,854	4,854	4,854	-	81	81							
HERNIA (NOT DISC)-----	1	5	6	6	-	6	-	-	-	-	50	124	174	50	25	29							
POISONING (SYSTEMIC)-----	-	-	1	1	1	3	4	-	-	-	6	6	6	-	6	6							
RADIATION/ULTRA VIOLET-----	-	-	2	2	2	1	3	-	-	-	42	42	42	-	21	21							
SCRATCH/ABRASION-----	-	-	1	1	1	5	6	-	-	-	1	1	1	-	1	1							
STRAIN/SPRAIN-----	-	147	147	147	22	169	-	-	-	-	9,233	9,233	9,233	-	63	63							
MULTIPLE INJURIES-----	2	-	4	4	6	2	8	12,000	-	-	204	204	12,204	-	51	2,034							
OTHER INJURY, NEC-----	-	-	5	5	5	2	7	-	-	-	35	35	35	-	7	7							
UNCLASSIFIED (NO DATA)-----	-	-	18	18	18	5	23	-	-	-	1,298	1,298	1,298	-	72	72							
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	12,000	-	1,060	17,671	18,731	30,731	353	59	100						

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE				
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL					
UNDERGROUND MINES: UNDERGROUND:																																			
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL-----	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	2	-	-	3	-	-	-	-	24	7	-	1	6	-	-		
SURFACE AT UG:																																			
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	1	-	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-			
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-			
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-			
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-			
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-			
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-			
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2	-	2	5	-	1	-		
TOTAL UNDERGROUND:																																			
IOWA-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	7	-	-	-	1	-	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-			
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-			
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW MEXICO-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	7	2	-	-	2	-	-		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	-	1	-	-			
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	-	-	1	-	-			
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-			
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	1	3	-	-		
TOTAL-----	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1	2	-	-	3	-	-	-	-	34	9	-	3	11	-	1	-		

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL	
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL
UNDERGROUND MINES:																																
UNDERGROUND:																																
IOWA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	9	-	
KANSAS-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	-	-	-	-	-	-	-	-	-	2	3	2	
LOUISIANA-----	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	8	2	1	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
NEW MEXICO-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-	10	8	2	
NEW YORK-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-	7	2	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-	3	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-	1	-	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-	10	3	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-	1	1	-	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	6	1	-	-	-	-	-	-	-	-	-	15	6	-	
TOTAL-----	-	7	2	-	2	1	-	-	-	-	-	-	-	-	-	6	4	-	19	3	-	-	-	-	-	-	-	2	1	65	26	-
SURFACE AT UG:																																
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-	7	2	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	2	1	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-			
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	5			
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	1	1	2		
WYOMING-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	2	4	-		
TOTAL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	9	4	-	1	-	-	-	-	3	-	24	16	-	
TOTAL UNDERGROUND:																																
IOWA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	4	1	-	-	-	-	-	-	-	-	-	16	2	-	
KANSAS-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	1	-	-	-	-	-	-	-	-	2	3	-		
LOUISIANA-----	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-	-	-	-	-	-	-	-	-	10	3	-		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	4	1	-		
NEW MEXICO-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	12	11	-		
NEW YORK-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	8	2	-		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	3	1	-		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	5	-	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	5	3	1	-	-	-	-	-	-	-	1	15	8	-	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	7	2	-	-	-	-	-	-	-	-	-	-	17	10	-
TOTAL-----	-	7	3	-	2	1	-	-	-	-	-	-	-	-	-	7	5	-	28	7	-	1	-	-	-	-	-	5	1	89	42	-

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE			
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL				
SURFACE MINES:																																		
OPEN PIT:																																		
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FLORIDA-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NEW YORK-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL-----	-	2	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DREDGE:																																		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL SURFACE:																																		
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FLORIDA-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW YORK-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL-----	-	2	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER									
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL							
SURFACE MINES:																																					
OPEN PIT:																																					
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
WYOMING-----	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
TOTAL-----	-	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3	-	23	4	-	3	2	-	-	1	-	2	-	1	63	25		
DREDGE:																																					
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1				
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1				
TOTAL SURFACE:																																					
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
CALIFORNIA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-			
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	4	2			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-			
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-			
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-			
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	-			
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-			
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	-			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-			
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-			
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	3	-			
WYOMING-----	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	26

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
TOTAL MINING:																																	
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ARIZONA-----																																	
CALIFORNIA-----																																	
COLORADO-----																																	
FLORIDA-----																																	
GEORGIA-----																																	
IDAHO-----																																	
INDIANA-----																																	
IOWA-----																																	
KANSAS-----																																	
LOUISIANA-----																																	
MICHIGAN-----																																	
MONTANA-----																																	
NEVADA-----																																	
NEW MEXICO-----																																	
NEW YORK-----																																	
NORTH CAROLINA-----																																	
OHIO-----																																	
OREGON-----																																	
PENNSYLVANIA-----																																	
TEXAS-----																																	
UTAH-----																																	
VIRGINIA-----																																	
WASHINGTON-----																																	
WISCONSIN-----																																	
WYOMING-----																																	
TOTAL-----	-	2	2	-	-	-	1	1	-	-	-	-	-	2	2	-	-	3	-	-	-	-	53	18	-	5	14	-	2	-			

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER					
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
TOTAL MINING:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-			
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	4	-			
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	2	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	3	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	12	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	3	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	1	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	9	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	
WYOMING-----	-	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	-	11	2	-	-	-	-	-	-	-	-	28	13
TOTAL-----	-	13	5	-	2	1	-	-	-	-	-	-	-	-	-	14	8	-	52	11	-	4	2	-	-	1	-	2	5	2	155	68	

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
PROCESSING PLANTS:																																	
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-			
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	3	-	-	-	-			
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-			
FLORIDA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	-	-	-	1	2	-	-	-			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	1	-	-	-	-			
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-			
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-			
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-			
MISISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-			
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1	-	-	-	1	2	-	-	-			
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	3	-	-	-	-			
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	1	-	-	-	-			
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	2	-	-	-	-			
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	1	-	-	-	-			
NORTH CAROLINA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	2	-	-	-	-			
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	-	-	1	-	-	-	-			
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2	-	-	-	1	1	-	-	-			
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1	-	-	-	1	-	-	-	-			
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-			
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-			
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	-	-	1	-	-	-	-			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2	-	-	-	1	1	-	-	-			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-			
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1	-	-	-	1	-	-	-	-			
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-			
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	8	-	-	-	2	1	-	-	-			
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	32	-	-	-	11	14	-	-	-			
TOTAL-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	32	-	-	-	11	14	-	-	-			

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
PROCESSING PLANTS:																																	
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	2		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	7	
CALIFORNIA-----	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3	9	
FLORIDA-----	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	4	1	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	
MISISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	2	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3	
NEVADA-----	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	7	1	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
NEW MEXICO-----	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	7	8	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	3	
NORTH CAROLINA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	5	5	
NORTH DAKOTA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	
PENNSYLVANIA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	
SOUTH CAROLINA-----	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	3	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	6	
TEXAS-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	17	6
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	3	13	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	2	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	
WYOMING-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	25	12
TOTAL-----	-	10	5	-	-	-	-	-	-	-	-	-	-	-	-	4	5	-	46	17	-	2	-	-	2	-	-	5	9	-	149	82	

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
TOTAL MINES AND PLANTS:																																	
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW YORK-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH CAROLINA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL-----	-	4	2	-	-	-	1	1	-	-	-	2	2	-	3	-	-	-	-	120	50	-	16	28	-	2	-	-	-	-			
OFFICE:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3	-	2	1	-	-	-	-	-	-			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	2	2	-	-	-	-	-	-			
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	2	-	1	1	-	-	-	-	-	-			

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL	
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL
TOTAL MINES AND PLANTS:																																
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	2	
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	8	1	
CALIFORNIA-----	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
COLORADO-----	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	7	
FLORIDA-----	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	11	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	
IOWA-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	2	
KANSAS-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	
LOUISIANA-----	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	6	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
NEVADA-----	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	9	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
NEW MEXICO-----	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	19	
NEW YORK-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	6	
NORTH CAROLINA-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5	
NORTH DAKOTA-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	
PENNSYLVANIA-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
SOUTH CAROLINA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
TEXAS-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	8	1	-	-	-	-	-	-	-	-	-	1	1	27	8
UTAH-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	1	6	3	-	1	-	-	-	-	-	-	-	18	9		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	11	4		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	
WYOMING-----	5	2	-	-	1	-	-	-	-	-	-	-	-	-	-	6	5	20	3	-	1	-	-	-	-	-	-	-	1	1	53	25
TOTAL-----	-	23	10	-	2	1	-	-	-	-	-	-	-	-	-	18	13	-	98	28	-	6	2	-	2	1	-	7	14	2	304	150
OFFICE:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
GRAND TOTAL:																																	
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-		
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	4		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2	-	-	-	-	-	-	-	-		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	-	-	-	-	-	-	-	4		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-		
IDAHOD-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	-	-	-	-	-	1		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-		
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	2	-	-	-	-	-	-	-	5		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	2	-	-	-	-	-	-	-	1		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3	-	-	-	-	-	-	-	2		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-		
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	2	-	-	-	-	-	-	-	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	2	-	-	-	-	-	-	-	5		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	2	-	-	-	-	-	-	-	1		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	-	-	-	-	-	1		
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1		
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	3	-	-	-	-	-	-	-	1		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	-	-	-	-	-	-	2		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	2	-	-	-	-	-	-	-	1		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	1		
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	10	-	-	-	-	-	-	-	4		
TOTAL-----	-	4	2	-	-	-	1	1	-	-	-	-	-	2	2	-	-	3	-	-	-	121	50	-	16	28	-	2	-	-	-		

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL	
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL
GRAND TOTAL:																																
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	2	
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	9	8	
CALIFORNIA-----	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
COLORADO-----	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	7	
FLORIDA-----	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	11	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	
IOWA-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	2	
KANSAS-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	
LOUISIANA-----	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	7	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
NEVADA-----	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	9	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
NEW MEXICO-----	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	19	
NEW YORK-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	6	
NORTH CAROLINA-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	5	
NORTH DAKOTA-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	
PENNSYLVANIA-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
SOUTH CAROLINA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
TEXAS-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	8	1	-	-	-	-	-	-	-	-	-	1	1	27	8
UTAH-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	1	6	3	-	1	-	-	-	-	-	-	-	18	9		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	11	4		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	
WYOMING-----	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	6	5	20	3	-	1	-	-	-	-	-	-	-	1	1	53	25
TOTAL-----	-	23	10	-	2	1	-	-	-	-	-	-	-	-	-	18	13	-	98	29	-	6	2	-	2	1	-	7	14	2	305	151

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
UNDERGROUND MINES:																						
UNDERGROUND:																						
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	139	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	640	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	372	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	144	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,412	-	46	-
SURFACE AT UG:																						
SURFACE AT UG:																						
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	293	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	107	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	502	-	21	-
TOTAL UNDERGROUND:																						
TOTAL UNDERGROUND:																						
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	312	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	139	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	657	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	165	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	-	46	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	144	-	1	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,914	-	67	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140	-	-	-

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
UNDERGROUND MINES:																						
UNDERGROUND:																						
IOWA-----	-	176	-	-	-	-	-	-	-	-	23	-	109	-	-	-	-	-	-	-	-	329
KANSAS-----	-	59	-	-	-	-	-	-	-	-	75	-	94	-	-	-	-	-	-	-	-	62
LOUISIANA-----	-	397	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	705
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000
NEW MEXICO-----	-	62	-	-	-	-	-	-	-	-	-	-	-	247	-	-	-	-	-	-	-	1,031
NEW YORK-----	-	41	-	-	-	-	-	-	-	-	-	-	-	62	-	-	-	-	-	-	-	161
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	143	-	-	-	-	-	-	-	180
TEXAS-----	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2
UTAH-----	-	-	-	48	-	-	-	-	-	-	1	-	120	-	-	-	-	-	-	-	-	652
WYOMING-----	-	-	-	25	-	-	-	-	-	-	6	-	527	-	-	-	-	-	-	-	-	764
TOTAL-----	-	735	-	73	-	-	-	-	-	-	107	-	1,302	-	-	-	-	-	-	-	-	6,000
SURFACE AT UG:																						
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	3	-	114	-	-	-	-	-	-	-	410
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	130	-	-	-	-	-	-	-	270
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	107
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-	-	-	-	-	89
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	296	-	7	-	-	-	-	-	331
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	129	-	-	-	-	-	-	-	1
TOTAL-----	-	-	-	-	-	-	-	-	-	-	3	-	701	-	7	-	-	-	-	-	-	1,374
TOTAL UNDERGROUND:																						
IOWA-----	-	176	-	-	-	-	-	-	-	-	26	-	223	-	-	-	-	-	-	-	-	739
KANSAS-----	-	59	-	-	-	-	-	-	-	-	75	-	224	-	-	-	-	-	-	-	-	62
LOUISIANA-----	-	397	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	975
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000
NEW MEXICO-----	-	62	-	-	-	-	-	-	-	-	-	-	-	247	-	-	-	-	-	-	-	1,048
NEW YORK-----	-	41	-	-	-	-	-	-	-	-	-	-	-	62	-	-	-	-	-	-	-	268
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	143	-	-	-	-	-	-	-	180
TEXAS-----	-	-	-	-	-	-	-	-	-	-	2	-	32	-	-	-	-	-	-	-	-	91
UTAH-----	-	-	-	48	-	-	-	-	-	-	1	-	416	-	7	-	-	-	-	-	-	983
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	6	-	656	-	-	-	-	-	-	-	-	1
TOTAL-----	-	735	-	73	-	-	-	-	-	-	110	-	2,003	-	7	-	-	-	-	-	-	6,000
																						5,260

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLL- ING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE		
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	
SURFACE MINES:																							
OPEN PIT:																							
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,057	-	2	-	8
DREDGE:																							
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	135	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	135	-	-
TOTAL SURFACE:																							
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA-----	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,062	-	137	-	8

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL		
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	
SURFACE MINES:																							
OPEN PIT:																							
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	1	
ARI ZONA-----																							
CALIFORNIA-----	75																				215		
COLORADO-----																					20		
FLORIDA-----																					1,290		
IDAHOD-----																					136		
INDIANA-----																					2		
IOWA-----																					106		
NEVADA-----																					58		
NEW MEXICO-----																					96		
NEW YORK-----																					117		
NORTH CAROLINA-----																					24		
TENNESSEE-----																					152		
TEXAS-----																					326		
UTAH-----																					8		
WASHINGTON-----																					17		
WISCONSIN-----																					34		
WYOMING-----	154																				644		
TOTAL-----	229																				46	6,000	3,246
DREDGE:																							
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158		
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158		
TOTAL SURFACE:																							
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	1	
ARI ZONA-----																					215		
CALIFORNIA-----	75																				20		
COLORADO-----																					1,448		
FLORIDA-----																					136		
IDAHOD-----																					2		
INDIANA-----																					106		
IOWA-----																					58		
NEVADA-----																					96		
NEW MEXICO-----																					117		
NEW YORK-----																					24		
NORTH CAROLINA-----																					152		
TENNESSEE-----																					326		
TEXAS-----																					8		
UTAH-----																					17		
WASHINGTON-----																					33		
WISCONSIN-----																					644		
TOTAL-----	229																				46	6,000	3,404

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLL- ING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL MINING:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA-----	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	12	-	-	-	-	1	-	-	-	12,000	83	-	127	-	-	2,976	-	204	-	148	-	-
PROCESSING PLANTS:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-
FLORIDA-----	-	-	167	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	678	-	43	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150	-	227	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	143	-	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	114	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	52	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	600	-	5	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	22	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	304	-	59	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	277	-	45	-	-
NEW YORK-----	-	-	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	496	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	294	-	52	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	21	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	452	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	102	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	448	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,304	-	606	-	-
TOTAL-----	-	198	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL MINING:																					6,000	-
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
ARIZONA-----																					215	
CALIFORNIA-----	75																				20	
COLORADO-----																					1,448	
FLORIDA-----																					136	
IDAHO-----																					2	
INDIANA-----																					845	
IOWA-----	176																				62	
KANSAS-----	59																				975	
LOUISIANA-----	397																				6,000	-
MONTANA-----																					58	
NEVADA-----																					1,144	
NEW MEXICO-----	62																				385	
NEW YORK-----	41																				24	
NORTH CAROLINA-----																					180	
OHIO-----																					152	
TENNESSEE-----																					417	
TEXAS-----																					991	
UTAH-----																					17	
VERMONT-----																					34	
WISCONSIN-----																					1,557	
WYOMING-----	154		25																			
TOTAL-----	964	-	73	-	-	-	-	-	-	-	431	-	3,582	-	17	-	-	-	46	12,000	8,664	
PROCESSING PLANTS:																					48	
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126	
ARKANSAS-----																					214	
CALIFORNIA-----																					621	
FLORIDA-----	29																				1,052	
GEORGIA-----	94																				379	
IDAHO-----																					143	
KANSAS-----																					134	
LOUISIANA-----																					122	
MISSISSIPPI-----																					16	
MISSOURI-----																					1,408	
NEVADA-----	134																				6	
NEW JERSEY-----																					76	
NEW MEXICO-----																					1,338	
NEW YORK-----																					370	
NORTH CAROLINA-----	17																				58	
NORTH DAKOTA-----	58																				7	
OREGON-----																					9	
PENNSYLVANIA-----	2																				120	
SOUTH CAROLINA-----																					20	
SOUTH DAKOTA-----																					496	
TENNESSEE-----																					19	
TEXAS-----	9																				645	
UTAH-----																					36	
VERMONT-----																					548	
WASHINGTON-----																					372	
WISCONSIN-----																					1,683	
WYOMING-----	126																				156	-
TOTAL-----	-	469	-	-	-	-	-	-	-	-	1,058	-	2,960	-	33	-	282	-	156	-	10,066	

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL MINES AND PLANTS:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	629	-	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	678	-	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	418	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	146	-	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	253	-	-	-	-
MISISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	140
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	625	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	703	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	569	-	-	-	-
NEW YORK-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	277	-	-	59	-
NORTH CAROLINA-----	-	-	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	8
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	648	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	359	-	-	54	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	415	-	-	67	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	452	-	-	1	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98	-	-	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	592	-	-	122	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	210	-	-	-	-	1	-	-	-	12,000	83	-	127	-	-	-	7,280	-	810	-	148	-
OFFICE: NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL MINES AND PLANTS:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	6,000	48
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126
CALIFORNIA-----	75	-	-	-	-	-	-	-	-	-	-	32	-	295	-	-	-	-	-	-	-	429
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	32	-	1,061	-	5	-	-	-	-	-	20
FLORIDA-----	29	-	-	-	-	-	-	-	-	-	-	-	237	-	-	-	-	-	-	-	-	2,069
GEORGIA-----	94	-	-	-	-	-	-	-	-	-	-	-	138	-	-	-	-	-	-	-	-	1,052
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	515
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
IOWA-----	176	-	-	-	-	-	-	-	-	-	-	26	-	223	-	-	-	-	-	-	-	845
KANSAS-----	59	-	-	-	-	-	-	-	-	-	-	-	75	-	224	-	-	-	-	-	-	205
LOUISIANA-----	397	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	1,109
MISISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122
MISOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000
NEVADA-----	134	-	-	-	-	-	-	-	-	-	-	113	-	586	-	-	3	-	-	-	-	1,466
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
NEW MEXICO-----	62	-	-	-	-	-	-	-	-	-	-	72	-	301	-	-	-	-	-	-	-	1,220
NEW YORK-----	41	-	-	-	-	-	-	-	-	-	-	875	-	162	-	3	-	-	-	-	-	1,723
NORTH CAROLINA-----	17	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	394
NORTH DAKOTA-----	58	-	-	-	-	-	-	-	-	-	-	-	143	-	-	-	-	-	-	-	-	58
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	180
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	7
PENNSYLVANIA-----	2	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	9
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	114	-	-	-	-	-	-	-	120
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	648
TEXAS-----	9	-	-	-	-	-	-	-	-	-	-	2	-	637	-	-	-	-	-	-	-	1,062
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	1	-	424	-	7	-	-	-	-	-	1,027
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	92	-	2	-	2	-	-	-	-	-	549
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	291	-	-	-	-	-	-	-	-	389
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-	53
WYOMING-----	280	-	25	-	-	-	-	-	-	-	-	169	-	1,616	-	31	-	279	-	33	-	3,240
TOTAL-----	1,433	-	73	-	-	-	-	-	-	-	-	1,499	-	6,542	-	50	-	282	-	202	12,000	18,730
OFFICE: NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	629	-	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	678	-	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	418	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	146	-	-	-	-
LUCASIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	253	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	140
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	625	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	703	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	569	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	278	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	648	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	359	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	415	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	452	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	592	-	-	122	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	416	-	-	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-	-	-
TOTAL-----	210	-	-	-	-	1	-	-	-	12,000	83	-	127	-	-	7,281	-	810	-	148	-	-

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	6,000	48
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126
CALIFORNIA-----	75	-	-	-	-	-	-	-	-	-	-	32	-	295	-	-	-	-	-	-	-	429
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	32	-	1,061	-	5	-	-	-	-	-	20
FLORIDA-----	29	-	-	-	-	-	-	-	-	-	-	-	237	-	-	-	-	-	-	-	-	2,069
GEORGIA-----	94	-	-	-	-	-	-	-	-	-	-	-	138	-	-	-	-	-	-	-	-	1,052
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	515
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
IOWA-----	176	-	-	-	-	-	-	-	-	-	-	26	-	223	-	2	-	-	-	-	-	845
KANSAS-----	59	-	-	-	-	-	-	-	-	-	-	-	75	-	224	-	-	-	-	-	-	205
LOUISIANA-----	397	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	1,109
MISISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000
NEVADA-----	134	-	-	-	-	-	-	-	-	-	-	113	-	586	-	-	3	-	-	-	-	1,466
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
NEW MEXICO-----	62	-	-	-	-	-	-	-	-	-	-	72	-	301	-	-	-	-	-	-	-	1,220
NEW YORK-----	41	-	-	-	-	-	-	-	-	-	-	875	-	162	-	3	-	-	-	-	-	1,723
NORTH CAROLINA-----	17	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	395
NORTH DAKOTA-----	58	-	-	-	-	-	-	-	-	-	-	-	143	-	-	-	-	-	-	-	-	58
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	180
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	7
PENNSYLVANIA-----	2	-	-	-	-	-	-	-	-	-	-	-	-	114	-	-	-	-	-	-	-	9
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	648
TEXAS-----	9	-	-	-	-	-	-	-	-	-	-	2	-	637	-	-	-	-	-	-	-	1,062
UTAH-----	-	-	-	48	-	-	-	-	-	-	-	1	-	424	-	7	-	-	-	-	-	1,027
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	92	-	2	-	2	-	-	-	-	-	549
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	291	-	-	-	-	-	-	-	-	389
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-	53
WYOMING-----	280	-	25	-	-	-	-	-	-	-	-	169	-	1,616	-	31	-	279	-	33	-	3,240
TOTAL-----	-	1,433	-	73	-	-	-	-	-	-	-	1,499	-	6,542	-	50	-	282	-	202	12,000	18,731

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE				
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL		
UNDERGROUND MINES:																																			
UNDERGROUND:																																			
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
OTHER NONMETAL NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL-----	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	1	2	-	-	3	-	-	-	24	7	-	1	6	-	-	-				
SURFACE AT UG:																																			
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-				
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-				
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-				
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-				
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-				
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-				
OTHER NONMETAL NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2	-	2	5	-	1	-		
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL UNDERGROUND:																																			
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-			
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	4	2	-	1	-	-	-	-			
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	2	-	-	1	-			
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	7	2	-	-	-	2	-	-			
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	11	4	-	1	-	1	3	-	2	-	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	34	9	-	3	11	-	1	-	-	-	
SURFACE MINES:																																			
OPEN PIT:																																			
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	2	-	-	-	
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	-	-	-	-	-	-	-	
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PHOSPHATE-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1	-	-	-	-	-	-	-	-
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SHALE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	3	1	-	-	1	-	-	-	-	-
WOLASTONITE-STAUROLITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-
OTHER NONMETAL NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	2	1	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	18	8	-	1	3	-	1	-	-	-	

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMMING			OTHER				
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL		
UNDERGROUND MINES:																																
UNDERGROUND:																																
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	8	3			
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	1				
GYPSUM-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	2	-				
POTASH-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	7	1	-	-	-	-	-	10	8				
SALT-----	-	4	1	-	-	-	1	-	-	-	-	-	-	-	-	2	2	-	6	1	-	-	-	-	-	-	21	7				
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	15	6				
OTHER NONMETAL NEC	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1					
TOTAL-----	-	7	2	-	2	1	-	-	-	-	-	-	-	-	-	6	4	-	19	3	-	-	-	-	-	2	1	65	26			
SURFACE AT UG:																																
SURFACE AT UG:																																
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3				
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	-	-	-	-	2	4	1				
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3					
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	-	-	-	-	8	3					
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	2	4						
SODIUM COMPOUNDS-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	7	2						
TOTAL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	9	4	-	1	-	-	3	-	24	16				
TOTAL UNDERGROUND:																																
TOTAL UNDERGROUND:																																
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	2	3			
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	1	-	-	-	-	-	1	1	12	4			
GILSONITE-----	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1				
GYPSUM-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	4	-	12	11				
POTASH-----	-	4	1	-	-	-	1	-	-	-	-	-	-	-	-	2	3	-	11	1	-	-	-	-	-	29	10					
SALT-----	-	4	1	-	-	-	1	-	-	-	-	-	-	-	-	2	3	-	7	2	-	-	-	-	-	17	10					
SODIUM COMPOUNDS-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3	1	-	-	-	-	-	-	15	3					
TOTAL-----	-	7	3	-	2	1	-	-	-	-	-	-	-	-	-	7	5	-	28	7	-	1	-	-	-	5	1	89	42			
SURFACE MINES:																																
OPEN PIT:																																
BORON-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	1				
CLAY-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	5	4					
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1					
GYPSUM-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	-	-	-	-	-	6	5						
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1						
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1					
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	8	-	1	-	-	-	-	-	-	20	3				
PHOSPHATE-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	5	4					
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	1	1	-	-	-	-	1	1	9					
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	4	1	-	-	-	-	1	1	9					
WOLASTONITE-STAUROLITE	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	2	1	-	-	-	-	1	1	9					
OTHER NONMETAL NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	1	-	-	-	-	1	-	7	3				
TOTAL-----	-	6	2	-	-	-	-	-	-	-	-	-	-	-	-	7	3	-	23	4	-	3	2	-	-	1	-	2	-	1	63	25

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE			
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL				
DREDGE:																																		
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WOLASTNI TE-STAU LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL SURFACE:																																		
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PHOSPHATE-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SHALE-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WOLASTNI TE-STAU LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL-----	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL MINING:																																		
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GLASSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PHOSPHATE-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
POTASH-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SHALE-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WOLASTNI TE-STAU LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL-----	-	2	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	2	2	-	-	3	-	-	-	-	53	18	-	5	14	-	2

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMMING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
DREDGE:																																	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1	
WOLASTNI TE-STAU LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1		
TOTAL SURFACE:																																	
BORON-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1		
CLAY-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4		
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	5	
GYPSUM-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	5		
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
PHOSPHATE-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	3		
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	5	
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	4		
WOLASTNI TE-STAU LT	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	3		
OTHER NONMETAL NEC--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3		
TOTAL-----	-	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	26		
TOTAL MINING:																																	
BORON-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1		
CLAY-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7		
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2		
GI LSONI TE-----	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	4		
GYPSUM-----	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	6		
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
PHOSPHATE-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	3		
POTASH-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	12	11	
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	
SALT-----	-	4	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	10		
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	10		
SODIUM COMPOUNDS-----	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	4		
WOLASTNI TE-STAU LT	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	
OTHER NONMETAL NEC--	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	6		
TOTAL-----	-	13	5	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	155	68			

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
PROCESSING PLANTS:																																	
BARIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	2	1	-	-	-	-			
BORON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	8	-	3	2	-	-	-	-			
CLAY	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-			
FELDSPAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-			
GEMSTONES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-			
GYPSUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
KYANITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LEONARDITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MAGNESITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-			
MICA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-			
PERLITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-			
PHOSPHATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-			
PIGMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
POTASH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6	-	-	3	-	-	-	-			
SALT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	-	-	1	-	-	-	-			
SHALE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	32	-	11	14	-	-	-	-			
SODIUM COMPOUNDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	-	1	1	-	-	-	-			
TALC-SOAPSTONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	7	-	-	1	-	-	-	-			
WOLASTONITE-STAUROLITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	4	-	1	4	-	-	-	-			
OTHER NONMETAL NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	32	-	11	14	-	-	-	-			
TOTAL, MINES AND PLANTS:																																	
BARIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	2	1	-	-	-	-			
BORON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	9	-	3	4	-	-	-	-			
CLAY	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	-	-	-	-	-			
FELDSPAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	1	-	-	-	-	-			
GEMSTONES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	-	1	-	-	-	-	-			
GLASSONITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	-	-	-	-	-			
GYPSUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	-	-	-	-	-	-	-			
KYANITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	-	-	-	-	-			
LEONARDITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MAGNESITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-			
MICA	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-			
PERLITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	-	-	-	-			
PHOSPHATE	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	-	-	2	-	-	-	-			
PIGMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	2	-	-	5	-	-	-	-			
POTASH	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-	-	2	-	-	-	-			
PUMICE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	4	-	-	3	-	-	-	-			
SALT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	1	-	-	2	-	-	-	-			
SHALE	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	5	-	-	2	-	-	-	-			
SODIUM COMPOUNDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	9	-	-	1	-	-	-	-			
TALC-SOAPSTONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	4	-	1	6	-	-	-	-			
WOLASTONITE-STAUROLITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	50	-	16	28	-	2	-	-			
OTHER NONMETAL NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL	-	4	2	-	-	-	-	1	1	-	-	-	-	-	-	2	2	-	-	-	-	3	-	-	-	-	-	-	-	-			

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL							
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL					
PROCESSING PLANTS:																																						
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	5	1	-	-	-	-	-	-	1	-	-	12	5							
BORON-----			1														4	2	-	-	-	-	-	-	-	-	-	-	-	-	5							
CLAY-----		4	2																1	-	7	1	-	-	-	-	-	-	-	-	13	13						
FELDSPAR-----																															1	1						
GEMSTONES-----																															1	2						
GYPSUM-----																															1	1						
KYANI TE-----																															4	1						
LEONARDI TE-----		1																													1	1						
MAGNESITE-----																															3	3						
MI CA-----																															1	1						
PERLITE-----																															1	1						
PHOSPHATE-----																															7	2						
PIGMENT-----																															1	1						
POTASH-----			1																												1	5						
SALT-----																															3	1						
SHALE-----		1																													14	5						
SODIUM COMPOUNDS-----																															12	5						
TALC-SOAPSTONE-----																															1	3						
WOLASTONITE-STAUlIT-----		1																													24	12						
OTHER NONMETAL NEC-----		3	1																												27	16						
TOTAL-----		10	5	-	-	-	-	-	-	-	-	-	-	-	-	4	5	-	46	17	-	2	-	-	2	-	-	5	9	-	149	82						
TOTAL, MINES AND PLNTS:																															12	5						
BARI TE-----																			1	-	5	1	-	-	-	-	-	-	-	-	1	-	-	12	5			
BORON-----		1	1																1	1	-	10	1	-	-	-	-	-	-	-	1	2	-	41	20			
CLAY-----		5	2																												1	1		1	1			
FELDSPAR-----																															1	3	2					
GEMSTONES-----																															12	4						
GYPSUM-----			2			1													1	1	-	4	2	-	1	-	-	-	-	-	-	8	6					
KYANI TE-----																			1	1	-	4	4	-	1	-	-	-	-	-	-	4	2					
LEONARDI TE-----			1																												1	-	-	1	-			
MAGNESITE-----																															3	3						
MI CA-----																															1	2						
PERLITE-----																															1	2						
PHOSPHATE-----			1																1	-	13	2	-	1	-	-	-	-	-	-	-	30	5					
PIGMENT-----																															1	1						
POTASH-----		2	1																2	1	-	3	2	-	-	-	-	-	-	-	-	4	-	13	16			
PUMICE-----																			2	2	-	2	1	-	-	-	-	-	-	-	-	5	-					
SALT-----		4	1			1													2	2	-	11	1	-	-	-	-	-	-	-	32	11						
SHALE-----		1																	2	1	-	4	3	-	2	-	-	-	-	-	-	1	3	23	9			
SODIUM COMPOUNDS-----				-	1		1											3	3	-	12	2	-	1	-	-	-	-	-	-	1	3	29	15				
TALC-SOAPSTONE-----																			2	1	-	9	6	-	1	-	-	-	-	-	-	2	1	-	33	15		
WOLASTONITE-STAUlIT-----		5	1																2	1	-	18	6	-	1	-	-	-	-	-	-	1	3	-	49	22		
OTHER NONMETAL NEC-----		4	1																																			
TOTAL-----		23	10	-	2	1	-	-	-	-	-	-	-	-	-	18	13	-	98	28	-	6	2	-	2	1	-	7	14	2	-	304	150					

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
OFFICE:																																	
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GRAND TOTAL:																																	
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CLAY-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FELDSPAR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GLASSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LEONARDITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MAGNESIUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MICA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PHOSPHATE-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PIGMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
POTASH-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SHALE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TALC-SOAPSTONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WOLASTONITE-STAUROLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
OTHER NONMETAL NEC-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL-----	-	4	2	-	-	-	1	1	-	-	-	-	-	-	-	2	2	-	-	3	-	-	-	-	121	50	-	16	28	-	2	-	

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMMING			OTHER			TOTAL			
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	
OFFICE:																																		
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1		
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1		
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1		
GRAND TOTAL:																																		
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	5	1	-	-	-	-	-	-	-	-	1	-	12	5		
BORON-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	10	1	-	-	-	-	-	-	-	1	2	-	41	20		
CLAY-----	-	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	2		
FELDSPAR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	1	-	-	-	-	-	-	-	-	-		
GYPSUM-----	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	1	-	4	4	-	1	-	-	-	-	-	-	-	-	-	9	6		
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LEONARDITE-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	
MAGNESIITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	2		
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2
PHOSPHATE-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	13	2	-	1	-	-	-	-	-	-	-	-	30	5		
PIGMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	
POTASH-----	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	2	-	-	-	-	-	-	-	-	-	-	-	4	13	16
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	
SALT-----	-	4	1	-	-	1	-	-	-	-	-	-	-	-	-	2	2	-	11	2	-	-	-	-	-	-	-	-	-	-	32	12		
SHALE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	4	3	-	2	-	-	-	-	-	-	-	1	23	9		
SODIUM COMPOUNDS-----	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	3	3	-	12	2	-	1	-	-	-	-	-	-	-	1	-	29	15	
TALC-SOAPSTONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	1	-	3
WOLASTONITE-STAUlIT-----	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	9	2	-	1	-	-	-	-	-	-	-	2	1	33	15	
OTHER NONMETAL NEC-----	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	18	6	-	1	-	-	-	-	-	-	-	1	3	-	49	22
TOTAL-----	-	23	10	-	2	1	-	-	-	-	-	-	-	-	-	18	13	-	98	29	-	6	2	-	2	1	-	7	14	2	305	151		

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLL- ING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
UNDERGROUND MINES:																						
UNDERGROUND:																						
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153	-	-	-
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	219	-	46	-
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	640	-	-	-
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	237	-	-	-
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	144	-	-	-
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-
OTHER NONMETAL NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,412	-	46	-
SURFACE AT UG:																						
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	1	-
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	164	-	-	140
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	293	-	20	-
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	502	-	21	140
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL UNDERGROUND:																						
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153	-	1	-
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	247	-	46	-
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	657	-	-	-
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	401	-	20	140
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	312	-	-	-
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,914	-	67	140
SURFACE MINES:																						
OPEN PIT:																						
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152	-	-	-
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	-	-
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHOSPHATE-----	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	618	-	-	8
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-
SHALE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	124	-	2	-
WOLASTONITE-STAUROLITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-
OTHER NONMETAL NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,057	-	2	8
TOTAL-----	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL		
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	
UNDERGROUND MINES:																							
UNDERGROUND:																							
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	6,000	154	
GEMSTONES-----	-	-	-	-	48	-	-	-	-	-	-	-	-	120	-	-	-	-	-	-	-	498	
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	107	-	-	-	-	-	-	-	107	
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	247	-	-	-	-	-	-	-	1,031	
POTASH-----	-	62	-	-	-	-	-	-	-	-	-	-	-	77	-	-	-	-	-	-	-	1,110	
SALT-----	-	497	-	-	-	-	-	-	-	-	-	-	-	6	-	299	-	-	-	-	-	764	
SODIUM COMPOUNDS-----	-	-	25	-	-	-	-	-	-	-	-	-	-	23	-	527	-	-	-	-	-	222	
OTHER NONMETAL NEC	-	176	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	
TOTAL-----	-	735	-	73	-	-	-	-	-	-	-	-	107	-	1,302	-	-	-	-	-	-	6,000	3,886
SURFACE AT UG:																							
SURFACE AT UG:																							
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86	-	7	-	-	-	-	1	
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	372	-	-	-	-	-	-	121	
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	129	-	-	-	-	-	-	17	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	114	-	-	-	-	-	676	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	
OTHER NONMETAL NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	410	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	701	-	7	-	-	-	-	1,374
TOTAL UNDERGROUND:																							
TOTAL UNDERGROUND:																							
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	154	
GEMSTONES-----	-	-	-	-	48	-	-	-	-	-	-	-	-	206	-	7	-	-	-	-	-	1	
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	107	-	-	-	-	-	-	-	619	
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	247	-	-	-	-	-	-	-	107	
POTASH-----	-	62	-	-	-	-	-	-	-	-	-	-	-	77	-	671	-	-	-	-	-	1,048	
SALT-----	-	497	-	-	-	-	-	-	-	-	-	-	-	6	-	656	-	-	-	-	-	1,796	
SODIUM COMPOUNDS-----	-	-	25	-	-	-	-	-	-	-	-	-	-	26	-	116	-	-	-	-	-	913	
OTHER NONMETAL NEC	-	176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	632	
TOTAL-----	-	735	-	73	-	-	-	-	-	-	-	-	-	110	-	2,003	-	7	-	-	-	-	5,260
SURFACE MINES:																							
OPEN PIT:																							
BORON-----	-	37	-	-	-	-	-	-	-	-	-	-	-	-	-	205	-	-	-	-	-	-	37
CLAY-----	-	38	-	-	-	-	-	-	-	-	-	-	-	-	-	337	-	-	-	-	-	-	395
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	479	
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	664	-	5	-	-	-	-	1,338
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	105	-	123	-	-	-	-	-	252	
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152	-	8	-	5	-	-	-	153
WOLASTONITE-STAUROLITE	-	154	-	-	-	-	-	-	-	-	-	-	-	-	-	149	-	-	-	-	-	-	455
OTHER NONMETAL NEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	-	-	-	136
TOTAL-----	-	229	-	-	-	-	-	-	-	-	-	-	-	321	-	1,561	-	10	-	-	-	-	46
TOTAL-----	-	6,000	-	3,886	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,246

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLL- ING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
DREDGE:																						
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	135	-	-
WOLASTNI TE-STAUTIT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	135	-	-
TOTAL SURFACE:																						
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152	-	-	-	-
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	-	-	-
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHOSPHATE-----	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	623	-	135	-	8
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-
SHALE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	124	-	2	-	-
WOLASTNI TE-STAUTIT--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER NONMETAL NEC--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	-
TOTAL-----	-	12	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	1,062	-	137	-	8
TOTAL MINING:																						
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	305	-	-	-	-
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	247	-	46	-	-
GI LSONI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	-	-	-
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	623	-	135	-	8
PHOSPHATE-----	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	657	-	-	-	-
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	401	-	-	-	140
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	124	-	2	-	-
SHALE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	144	-	20	-	-
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	340	-	-	-	-
WOLASTNI TE-STAUTIT-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	12	-	-	-	-	1	-	-	-	-	12,000	83	-	127	-	-	2,976	-	204	-	148

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL			
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL		
DREDGE:																								
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	158		
WOLASTNI TE-STAUTIT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	158		
TOTAL SURFACE:																								
BORON-----	-	37	-	-	-	-	-	-	-	-	-	-	-	205	-	-	-	-	-	-	-	37		
CLAY-----	-	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	395		
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	337	-	-	-	-	-	1		
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	479		
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	682	-	-	-	-	-	1,496		
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	105	-	123	-	-	-	-	-	252		
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	153		
WOLASTNI TE-STAUTIT--	-	154	-	-	-	-	-	-	-	-	-	-	-	152	-	149	-	-	-	-	-	455		
OTHER NONMETAL NEC--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	-	-	136		
TOTAL-----	-	229	-	-	-	-	-	-	-	-	-	-	-	321	-	1,579	-	10	-	-	-	46	6,000	3,404
TOTAL MINING:																								
BORON-----	-	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37		
CLAY-----	-	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	549		
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000		
GLASSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2		
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	444	-	-	-	-	-	586		
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	682	-	-	-	-	-	1,496		
POTASH-----	-	62	-	-	-	-	-	-	-	-	-	-	-	-	-	247	-	-	-	-	-	1,048		
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	105	-	123	-	-	-	252		
SALT-----	-	497	-	-	-	-	-	-	-	-	-	-	-	77	-	671	-	-	-	-	-	1,786		
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	153		
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	656	-	-	-	-	-	913		
WOLASTNI TE-STAUTIT--	-	154	-	-	-	-	-	-	-	-	-	-	-	152	-	149	-	-	-	-	-	455		
OTHER NONMETAL NEC--	-	176	-	-	-	-	-	-	-	-	-	-	-	26	-	191	-	-	-	-	-	768		
TOTAL-----	-	964	-	73	-	-	-	-	-	-	-	-	-	431	-	3,582	-	17	-	-	-	46	12,000	8,664

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLL- ING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
PROCESSING PLANTS:																						
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	57	-	-	
BORON-----																						
CLAY-----		167																1,295	-	191	-	-
FELDSPAR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	247	-	33	-	-	
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126	-	-	-	-	
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249	-	-	-	-	
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	340	-	-	-	-	
LEONARDITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	
MAGNESITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	21	-	-	
MICA-----		31															9	-	-	-	-	
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	219	-	-	-	-	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	71	-	-	
PIGMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173	-	6	-	-	
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565	-	-	-	-	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	921	-	227	-	-	
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,304	-	606	-	-	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TALC-SOAPSTONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WOLASTONITE-STAUlIT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	198	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL, MINES AND PLNTS:																						
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	57	-	-	
BORON-----																	1,600	-	191	-	-	
CLAY-----		167															248	-	33	-	-	
FELDSPAR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	247	-	46	-	-	
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	236	-	-	-	-	
GI LSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249	-	-	-	-	
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	340	-	-	-	-	
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	668	-	156	-	8	
LEONARDITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	657	-	-	-	-	
MAGNESITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	140	
MICA-----		31															82	-	-	-	-	
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	62	-	-	
PHOSPHATE-----	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
PI GMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,261	-	227	-	-	
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,280	-	810	-	148	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHALE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TALC-SOAPSTONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WOLASTONITE-STAUlIT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	210	-	-	-	1	-	-	-	-	-	-	12,000	83	-	127	-	-	-	-	-	

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL		
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	
PROCESSING PLANTS:																							
BARI TE-----	-	-	-	-	-	-	-	-	-	-	80	-	196	-	-	-	-	-	20	-	383		
BORON-----			229											365					1		2,248		
CLAY-----																					33		
FELDSPAR-----	-	-																			247		
GEMSTONES-----	-	-																			126		
GYPSUM-----	-	-																			249		
KYANITE-----	-	-																			58		
LEONARDITE-----		58												148							488		
MAGNESIUM-----	-	-																			31		
MICA-----	-	-																			22		
PERLITE-----	-	-																			219		
PHOSPHATE-----	-	-												421							487		
PIGMENT-----	-	-																			9		
POTASH-----	-	-												14							14		
SALT-----	-	-																			1,342		
SHALE-----		17												967		224						775	
SODIUM COMPOUNDS-----	-	-												11		490						1,103	
TALC-SOAPSTONE-----	-	-														32						2,200	
WOLASTONITE-STAUROLITE-----		29														154		2				64	
OTHER NONMETAL NEC-----		136														916						71	
TOTAL-----	-	469	-	-	-	-	-	-	-	-	1,058	-	2,960	-	33	-	282	-		156	-	10,066	
TOTAL, MINES AND PLNTS:																							
BARI TE-----	-	-												80		196						383	
BORON-----		37												1		570						37	
CLAY-----		267																			2,797		
FELDSPAR-----	-	-																			6,000		
GEMSTONES-----	-	-																			249		
GIASONITE-----	-	-																			619		
GYPSUM-----	-	-																			712		
KYANITE-----	-	-																			249		
LEONARDITE-----		58																			58		
MAGNESIUM-----	-	-																			488		
MICA-----	-	-																			31		
PERLITE-----	-	-																			22		
PHOSPHATE-----	-	-																			1,983		
PIGMENT-----	-	-																			9		
POTASH-----		62																			1,062		
PUMICE-----	-	-																			252		
SALT-----		497																			2,005		
SHALE-----		17																			6,000		
SODIUM COMPOUNDS-----	-	-																			1,495		
TALC-SOAPSTONE-----	-	-																			1,688		
WOLASTONITE-STAUROLITE-----		183																			32		
OTHER NONMETAL NEC-----		312																			1,558		
TOTAL-----	-	1,433	-	73	-	-	-	-	-	-	1,489	-	6,542	-	50	-	282	-		202	12,000	18,730	

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLL- ING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE		
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	
OFFICE:																							
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
GRAND TOTAL:																							
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	57	-	-	-	
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,600	-	191	-	-	-	
CLAY-----	-	167	-	-	-	-	-	-	-	-	-	-	-	-	-	-	248	-	33	-	-	-	
FELDSPAR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	247	-	46	-	-	-	
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	237	-	-	-	-	-	
GLASSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249	-	-	-	-	-	
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	340	-	-	-	-	-	
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	
LEONARDITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	668	-	156	-	8	-	
MAGNESITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	
MICA-----	-	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	657	-	-	-	-	140	
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-	-	
PHOSPHATE-----	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	620	-	-	-	-	-	
PIGMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	187	-	73	-	-	-	
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	317	-	26	-	-	-	
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565	-	-	-	-	-	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,261	-	227	-	-	-	
SHALE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,281	-	810	-	148	-	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TALC-SOAPSTONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WOLASTONITE-STAUROLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	210	-	-	-	-	1	-	-	-	-	12,000	83	-	127	-	-	7,281	-	810	-	148	-

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
OFFICE:																						
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
GRAND TOTAL:																						
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	80	-	196	-	-	-	-	-	20	-	383
BORON-----	-	37	-	-	-	-	-	-	-	-	-	1	-	570	-	-	-	-	-	-	-	37
CLAY-----	-	267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,797
FELDSPAR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33
GEMSTONES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249
GLASSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	619
GYPSUM-----	-	-	-	-	-	-	-	-	-	-	-	32	-	444	-	7	-	-	-	-	-	713
KYANITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249
LEONARDITE-----	-	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58
MAGNESITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	488
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
PERLITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	32	-	1,103	-	5	-	-	-	-	-	1,983
PIGMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
POTASH-----	-	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,062
PUMICE-----	-	-	-	-	-	-	-	-	-	-	-	105	-	123	-	-	-	-	-	-	-	252
SALT-----	-	497	-	-	-	-	-	-	-	-	-	77	-	671	-	-	-	-	-	-	-	2,005
SHALE-----	-	17	-	-	-	-	-	-	-	-	-	967	-	232	-	5	-	-	-	-	-	1,495
SODIUM COMPOUNDS-----	-	-	-	-	25	-	-	-	-	-	-	17	-	1,146	-	31	-	-	-	-	-	6,000
TALC-SOAPSTONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,688
WOLASTONITE-STAUITE-----	-	183	-	-	-	-	-	-	-	-	-	152	-	303	-	2	-	282	-	71	-	32
OTHER NONMETAL NEC-----	-	312	-	-	-	-	-	-	-	-	-	26	-	1,107	-	-	-	-	-	33	-	2,968
TOTAL-----	-	1,433	-	73	-	-	-	-	-	-	-	1,489	-	6,542	-	50	-	282	-	202	12,000	18,731

TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
UNDERGROUND MINES:																							
UNDERGROUND:																							
BELTMAN/BOOM OPR.	-	-	-	1	1	1	-	1	-	-	148	148	-	148	148	148	148						
BULLDOZER/MOBILE EQUIP.	1	-	-	1	1	2	-	2	-	-	2	2	6,002	-	2	2	3,001						
ELECTRICIAN	-	-	-	1	1	1	-	1	-	-	12	12	-	12	12	12	12						
HAUL, DUMP	-	-	-	3	3	3	-	4	-	-	160	160	160	-	53	53	53						
LABORER	-	-	-	18	18	18	6	24	-	-	1,132	1,132	1,132	-	63	63	63						
MECHANIC/MAINTENANCE	-	-	1	10	11	11	7	18	-	135	443	578	1,259	135	44	53	53						
MINE	-	-	18	18	18	10	28	-	-	-	1,259	1,259	1,259	-	70	70	70						
Mining Mach. Opr.	-	-	2	2	2	-	2	-	-	-	49	49	-	24	24	24	24						
POWDERMAN/BLASTER	-	-	2	2	2	-	2	-	-	-	91	91	-	46	46	46	46						
PREP. PLANT OPR.	-	-	1	1	1	-	1	-	-	-	25	25	-	25	25	25	25						
ROCK/ROOF BOLTER	-	-	2	2	2	1	3	-	-	-	85	85	-	42	42	42	42						
SUPERVISOR/FOREMAN	-	-	3	3	3	1	4	-	-	-	263	263	263	-	88	88	88						
TRUCK DRIVER	-	-	1	1	1	-	1	-	-	-	59	59	-	59	59	59	59						
WELDER/MACHINIST	-	-	1	1	1	-	1	-	-	-	23	23	-	23	23	23	23						
TOTAL OR AVERAGE	1	-	1	64	65	66	26	92	6,000	-	135	3,751	3,886	9,886	135	59	150						
SURFACE AT UNDERGROUND:																							
BULLDOZER/MOBILE EQUIP.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
ELECTRICIAN	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
LABORER	-	-	6	6	6	2	8	-	-	-	319	319	319	-	53	53	53						
MECHANIC/MAINTENANCE	-	-	9	9	9	8	17	-	-	-	669	669	669	-	74	74	74						
MINE	-	-	5	5	5	3	8	-	-	-	302	302	302	-	60	60	60						
PREP. PLANT OPR.	-	-	2	2	2	-	2	-	-	-	33	33	33	-	16	16	16						
SUPERVISOR/FOREMAN	-	-	1	1	1	1	2	-	-	-	10	10	10	-	10	10	10						
TRUCK DRIVER	-	-	1	1	1	-	1	-	-	-	41	41	41	-	41	41	41						
TOTAL OR AVERAGE	-	-	-	24	24	24	16	40	-	-	-	1,374	1,374	1,374	-	57	57	57					
TOTAL OR AVERAGE, UG:																							
BELTMAN/BOOM OPR.	-	-	-	1	1	1	-	1	-	-	148	148	148	-	148	148	148						
BULLDOZER/MOBILE EQUIP.	1	-	-	1	1	2	1	3	6,000	-	-	2	6,002	-	2	2	3,001						
ELECTRICIAN	-	-	-	1	1	1	1	2	-	-	12	12	12	-	12	12	12						
HAUL, DUMP	-	-	3	3	3	1	4	-	-	-	160	160	160	-	53	53	53						
LABORER	-	-	24	24	24	8	32	-	-	-	1,451	1,451	1,451	-	60	60	60						
MECHANIC/MAINTENANCE	-	1	19	20	20	15	35	-	-	135	1,112	1,247	1,247	135	59	62	62						
MINE	-	23	23	23	23	13	36	-	-	-	1,561	1,561	1,561	-	68	68	68						
Mining Mach. Opr.	-	-	2	2	2	-	2	-	-	-	49	49	49	-	24	24	24						
POWDERMAN/BLASTER	-	-	2	2	2	-	2	-	-	-	91	91	91	-	46	46	46						
PREP. PLANT OPR.	-	-	3	3	3	-	3	-	-	-	58	58	58	-	19	19	19						
ROCK/ROOF BOLTER	-	-	2	2	2	1	3	-	-	-	85	85	85	-	42	42	42						
SUPERVISOR/FOREMAN	-	-	4	4	4	2	6	-	-	-	273	273	273	-	68	68	68						
TRUCK DRIVER	-	-	2	2	2	-	2	-	-	-	100	100	100	-	50	50	50						
WELDER/MACHINIST	-	-	1	1	1	-	1	-	-	-	23	23	23	-	23	23	23						
TOTAL OR AVERAGE	1	-	1	88	89	90	42	132	6,000	-	135	5,125	5,260	11,260	135	58	125						

TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
SURFACE MINES:																							
OPEN PIT:																							
BULLDOZER/MOBILE EQUIP.	-	-	-	21	21	21	2	23	-	-	-	1,209	1,209	1,209	-	58	58						
ELECTRICIAN	-	-	-	1	1	1	1	2	-	-	-	51	51	51	-	51	51						
FRONT END LOADER	-	-	-	5	5	5	-	5	-	-	-	155	155	155	-	31	31						
LABORER	-	-	-	11	11	11	5	16	-	-	-	738	738	738	-	67	67						
MECHANIC/MAINTENANCE	-	-	-	15	15	15	10	25	-	-	-	596	596	596	-	40	40						
MINTER	-	-	-	4	4	4	-	4	-	-	-	101	101	101	-	25	25						
PREP. PLANT OPR.	-	-	-	2	2	2	2	4	-	-	-	133	133	133	-	66	66						
SUPERVISOR/FOREMAN	1	-	-	-	-	1	3	4	6,000	-	-	-	-	-	6,000	-	6,000						
TECH./PROF./CLERICAL	-	-	-	1	1	1	-	1	-	-	-	41	41	41	-	41	41						
TRUCK DRIVER	-	-	-	2	2	2	2	4	-	-	-	190	190	190	-	95	95						
WELDER/MACHINIST	-	-	-	1	1	1	-	1	-	-	-	32	32	32	-	32	32						
TOTAL OR AVERAGE	1	-	-	63	63	64	25	89	6,000	-	-	3,246	3,246	9,246	-	52	144						
DREDGE:																							
BULLDOZER/MOBILE EQUIP.	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18						
MECHANIC/MAINTENANCE	-	-	-	2	2	2	1	3	-	-	-	140	140	140	-	70	70						
TOTAL OR AVERAGE	-	-	-	3	3	3	1	4	-	-	-	158	158	158	-	53	53						
TOTAL OR AVERAGE, SURFACE:																							
BULLDOZER/MOBILE EQUIP.	-	-	-	22	22	22	2	24	-	-	-	1,227	1,227	1,227	-	56	56						
ELECTRICIAN	-	-	-	1	1	1	1	2	-	-	-	51	51	51	-	51	51						
FRONT END LOADER	-	-	-	5	5	5	-	5	-	-	-	155	155	155	-	31	31						
LABORER	-	-	-	11	11	11	5	16	-	-	-	738	738	738	-	67	67						
MECHANIC/MAINTENANCE	-	-	-	17	17	17	11	28	-	-	-	736	736	736	-	43	43						
MINTER	-	-	-	4	4	4	-	4	-	-	-	101	101	101	-	25	25						
PREP. PLANT OPR.	-	-	-	2	2	2	2	4	-	-	-	133	133	133	-	66	66						
SUPERVISOR/FOREMAN	1	-	-	-	-	1	3	4	6,000	-	-	-	-	-	6,000	-	6,000						
TECH./PROF./CLERICAL	-	-	-	1	1	1	-	1	-	-	-	41	41	41	-	41	41						
TRUCK DRIVER	-	-	-	2	2	2	2	4	-	-	-	190	190	190	-	95	95						
WELDER/MACHINIST	-	-	-	1	1	1	-	1	-	-	-	32	32	32	-	32	32						
TOTAL OR AVERAGE	1	-	-	66	66	67	26	93	6,000	-	-	3,404	3,404	9,404	-	52	140						

TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, MINING:																							
BELTMAN/BOOM OPR.	-	-	-	1	1	1	1	-	-	-	148	148	148	-	148	148	148						
BULLDOZER/MOBILE EQUIP.	1	-	-	23	23	24	3	27	6,000	-	1,229	1,229	7,229	-	53	301							
ELECTRICIAN	-	-	-	2	2	2	2	4	-	-	63	63	63	-	32	32							
FRONT END LOADER	-	-	-	5	5	5	-	5	-	-	155	155	155	-	31	31							
HAUL, DUMP	-	-	-	3	3	3	1	4	-	-	160	160	160	-	53	53							
LABORER	-	-	-	35	35	35	13	48	-	-	2,189	2,189	2,189	-	63	63							
MECHANIC/MAINTENANCE	-	-	-	36	37	37	26	63	-	135	1,848	1,983	1,983	135	51	54							
MINE	-	-	1	27	27	27	13	40	-	-	1,662	1,662	1,662	-	62	62							
MINE MACH. OPR.	-	-	-	2	2	2	-	2	-	-	49	49	49	-	24	24							
POWDERMAN/BLASTER	-	-	-	2	2	2	-	2	-	-	91	91	91	-	46	46							
PREP. PLANT OPR.	-	-	-	5	5	5	2	7	-	-	191	191	191	-	38	38							
ROCK/ROOF BOLTER	-	-	-	2	2	2	1	3	-	-	85	85	85	-	42	42							
SUPERVISOR/FOREMAN	1	-	-	4	4	5	5	10	6,000	-	-	273	273	6,273	-	68	1,255						
TECH. /PROF. /CLERICAL	-	-	-	1	1	1	-	1	-	-	41	41	41	-	41	41							
TRUCK DRIVER	-	-	-	4	4	4	2	6	-	-	290	290	290	-	72	72							
WELDER/MACHINIST	-	-	-	2	2	2	-	2	-	-	55	55	55	-	28	28							
TOTAL OR AVERAGE-----	2	-	1	154	155	157	68	225	12,000	-	135	8,529	8,664	20,664	135	55	132						
PROCESSING PLANTS:																							
BULLDOZER/MOBILE EQUIP.	-	-	-	3	3	3	3	6	-	-	241	241	241	-	80	80							
ELECTRICIAN	-	-	-	7	7	7	3	10	-	-	472	472	472	-	67	67							
FRONT END LOADER	-	-	-	8	8	8	6	14	-	-	400	400	400	-	50	50							
LABORER	-	-	-	8	8	8	7	15	-	-	454	454	454	-	57	57							
MECHANIC/MAINTENANCE	-	-	2	42	44	44	15	59	-	925	2,918	3,843	3,843	462	69	87							
MINE	-	-	2	2	2	2	2	4	-	-	137	137	137	-	68	68							
PREP. PLANT OPR.	-	-	64	64	64	33	97	-	-	-	3,870	3,870	3,870	-	60	60							
RAIL TRANSP. AND HAUL	-	-	1	1	1	1	2	2	-	-	99	99	99	-	99	99							
SUPERVISOR/FOREMAN	-	-	4	4	4	4	5	9	-	-	198	198	198	-	50	50							
TECH. /PROF. /CLERICAL	-	-	2	2	2	2	4	6	-	-	145	145	145	-	72	72							
TRUCK DRIVER	-	-	3	3	3	3	-	3	-	-	172	172	172	-	57	57							
WELDER/MACHINIST	-	-	3	3	3	3	3	6	-	-	35	35	35	-	12	12							
TOTAL OR AVERAGE-----	-	-	2	147	149	149	82	231	-	-	925	9,141	10,066	10,066	462	62	68						

TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
BELTMAN/BOOM OPR.	-	-	-	1	1	1	-	1	148	148	148	-	148	148									
BULLDOZER/MOBILE EQUIP.	1	-	-	26	26	27	6	33	6,000	-	-	1,470	1,470	7,470	-	57	277						
ELECTRICIAN	-	-	-	9	9	9	5	14	-	-	-	535	535	-	59	59							
FRONT END LOADER	-	-	-	13	13	13	6	19	-	-	-	555	555	-	43	43							
HAUL, DUMP	-	-	-	3	3	3	1	4	-	-	-	160	160	-	53	53							
LABORER	-	-	-	43	43	43	20	63	-	-	-	2,643	2,643	2,643	-	61	61						
MECHANIC/MAINTENANCE	-	-	3	78	81	81	41	122	-	-	-	1,060	4,766	5,826	353	61	72						
MINE R	-	-	-	29	29	29	15	44	-	-	-	-	1,799	1,799	1,799	-	62	62					
MINING MACH. OPR.	-	-	-	2	2	2	-	2	-	-	-	-	49	49	-	24	24						
POWDERMAN/BLASTER	-	-	-	2	2	2	-	2	-	-	-	-	91	91	-	46	46						
PREP. PLANT OPR.	-	-	-	69	69	69	35	104	-	-	-	-	4,061	4,061	4,061	-	59	59					
RAIL TRANSP. AND HAUL	-	-	-	1	1	1	1	2	-	-	-	-	99	99	-	99	99						
ROCK/ROOF BOLTER	-	-	-	2	2	2	1	3	-	-	-	-	85	85	-	42	42						
SUPERVISOR/FOREMAN	1	-	-	8	8	9	10	19	6,000	-	-	-	471	471	6,471	-	59	719					
TECH. /PROF. /CLERICAL	-	-	-	3	3	3	4	7	-	-	-	-	186	186	-	62	62						
TRUCK DRIVER	-	-	-	7	7	7	2	9	-	-	-	-	462	462	-	66	66						
WELDER/MACHINIST	-	-	-	5	5	5	3	8	-	-	-	-	90	90	-	18	18						
TOTAL OR AVERAGE-----	2	-	3	301	304	306	150	456	12,000	-	1,060	17,670	18,730	30,730	353	59	100						
OFFICE:																							
LABORER	-	-	-	1	1	1	-	1	-	-	-	-	1	1	1	-	1	1					
TECH. /PROF. /CLERICAL	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-					
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	-	1	1	1	-	1	1					
GRAND TOTAL OR AVERAGE:																							
BELTMAN/BOOM OPR.	-	-	-	1	1	1	-	1	-	-	-	-	148	148	148	-	148	148					
BULLDOZER/MOBILE EQUIP.	1	-	-	26	26	27	6	33	6,000	-	-	-	1,470	1,470	7,470	-	57	277					
ELECTRICIAN	-	-	-	9	9	9	5	14	-	-	-	-	535	535	-	59	59						
FRONT END LOADER	-	-	-	13	13	13	6	19	-	-	-	-	555	555	-	43	43						
HAUL, DUMP	-	-	-	3	3	3	3	4	-	-	-	-	160	160	-	53	53						
LABORER	-	-	-	44	44	44	20	64	-	-	-	-	2,644	2,644	2,644	-	60	60					
MECHANIC/MAINTENANCE	-	-	3	78	81	81	41	122	-	-	-	-	1,060	4,766	5,826	353	61	72					
MINE R	-	-	-	29	29	29	15	44	-	-	-	-	-	1,799	1,799	1,799	-	62	62				
MINING MACH. OPR.	-	-	-	2	2	2	-	2	-	-	-	-	-	49	49	-	24	24					
POWDERMAN/BLASTER	-	-	-	2	2	2	-	2	-	-	-	-	-	91	91	-	46	46					
PREP. PLANT OPR.	-	-	-	69	69	69	35	104	-	-	-	-	-	4,061	4,061	4,061	-	59	59				
RAIL TRANSP. AND HAUL	-	-	-	1	1	1	1	2	-	-	-	-	-	99	99	-	99	99					
ROCK/ROOF BOLTER	-	-	-	2	2	2	1	3	-	-	-	-	-	85	85	-	42	42					
SUPERVISOR/FOREMAN	1	-	-	8	8	9	10	19	6,000	-	-	-	-	471	471	6,471	-	59	719				
TECH. /PROF. /CLERICAL	-	-	-	3	3	3	5	8	-	-	-	-	-	186	186	-	62	62					
TRUCK DRIVER	-	-	-	7	7	7	2	9	-	-	-	-	-	462	462	-	66	66					
WELDER/MACHINIST	-	-	-	5	5	5	3	8	-	-	-	-	-	90	90	-	18	18					
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	12,000	-	1,060	17,671	18,731	30,731	353	59	100						

TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
UNDERGROUND MINES:																							
UNDERGROUND:																							
ELECTRICAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
EXPLODING VESSEL-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1						
UNDER PRESSURE-----	-	-	-	2	2	3	-	3	6,000	-	-	83	83	6,083	-	42	2,028						
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	1	-	-	3	3	3	-	3	-	-	-	127	127	127	-	42	42						
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	-	-	3	3	3	-	3	-	-	-	1,277	1,277	1,277	-	56	59						
HANDLING MATERIAL-----	-	-	1	23	24	24	7	31	-	-	135	-	46	46	-	46	46						
HAND TOOL-----	-	-	-	1	1	1	6	7	-	-	-	-	735	735	735	-	105	105					
POWERED HAULAGE-----	-	-	-	7	7	7	2	9	-	-	-	-	73	73	73	-	36	36					
HOISTING-----	-	-	2	2	2	2	1	3	-	-	-	-	107	107	107	-	18	18					
MACHINERY-----	-	-	-	6	6	6	4	10	-	-	-	-	-	-	-	-	-						
SLIP OR FALL OF PERSON-----	-	-	-	19	19	19	3	22	-	-	-	-	1,302	1,302	1,302	-	69	69					
OTHER INJURIES-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	1	-	1	64	65	66	26	92	6,000	-	135	3,751	3,886	9,886	135	59	150						
SURFACE AT UNDERGROUND:																							
HANDLING MATERIAL-----	-	-	-	10	10	10	2	12	-	-	-	502	502	502	-	50	50						
HAND TOOL-----	-	-	-	2	2	2	5	7	-	-	-	21	21	21	-	10	10						
NONPOWERED HAULAGE-----	-	-	-	1	1	1	-	1	-	-	-	140	140	140	-	140	140						
POWERED HAULAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
MACHINERY-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3						
SLIP OR FALL OF PERSON-----	-	-	-	9	9	9	4	13	-	-	-	701	701	701	-	78	78						
STEPPING OR KNEELING ON OBJECT-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7						
OTHER INJURIES-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	24	24	24	16	40	-	-	-	1,374	1,374	1,374	-	57	57						

TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, UG:																							
ELECTRICAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
EXPLODING VESSEL																							
UNDER PRESSURE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1						
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	1	-	-	2	2	3	-	3	6,000	-	-	83	83	6,083	-	42	2,028						
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	-	-	3	3	3	-	3	-	-	-	127	127	127	42	42	42						
HANDLING MATERIAL-----	-	-	1	33	34	34	9	43	-	-	135	1,779	1,914	1,914	135	54	56						
HAND TOOL-----	-	-	-	3	3	3	11	14	-	-	-	67	67	67	-	22	22						
NONPOWERED HAULAGE-----	-	-	1	1	1	1	-	1	-	-	-	140	140	140	-	140	140						
POWERED HAULAGE-----	-	-	7	7	7	3	10	-	-	-	-	735	735	735	-	105	105						
HOISTING-----	-	-	2	2	2	1	3	-	-	-	-	73	73	73	-	36	36						
MACHINERY-----	-	-	7	7	7	5	12	-	-	-	-	110	110	110	-	16	16						
SLIP OR FALL OF PERSON-----	-	-	28	28	28	7	35	-	-	-	-	2,003	2,003	2,003	-	72	72						
STEPPING OR KNEELING ON OBJECT-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7						
OTHER INJURIES-----	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	1	-	1	88	89	90	42	132	6,000	-	135	5,125	5,260	11,260	135	58	125						
SURFACE MINES:																							
OPEN PIT:																							
ELECTRICAL-----	-	-	-	2	2	2	1	3	-	-	-	12	12	12	-	6	6						
EXPLODING VESSEL																							
UNDER PRESSURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	1	-	-	-	-	-	1	1	6,000	-	-	-	-	-	-	-	-						
HANDLING MATERIAL-----	-	-	-	18	18	18	8	26	-	-	-	1,057	1,057	1,057	-	59	59						
HAND TOOL-----	-	-	-	1	1	1	3	4	-	-	-	2	2	2	-	2	2						
NONPOWERED HAULAGE-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8						
POWERED HAULAGE-----	-	-	6	6	6	2	8	-	-	-	-	229	229	229	-	38	38						
MACHINERY-----	-	-	7	7	7	3	10	-	-	-	-	321	321	321	-	46	46						
SLIP OR FALL OF PERSON-----	-	-	23	23	23	4	27	-	-	-	-	1,561	1,561	1,561	-	68	68						
STEPPING OR KNEELING ON OBJECT-----	-	-	-	3	3	3	2	5	-	-	-	10	10	10	-	3	3						
STRIKING OR BUMPING-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
OTHER INJURIES-----	-	-	-	2	2	2	-	2	-	-	-	46	46	46	-	23	23						
TOTAL OR AVERAGE-----	1	-	-	63	63	64	25	89	6,000	-	-	3,246	3,246	9,246	-	52	144						
DREDGE:																							
HANDLING MATERIAL-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5						
HAND TOOL-----	-	-	-	1	1	1	-	1	-	-	-	135	135	135	-	135	135						
SLIP OR FALL OF PERSON-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18						
TOTAL OR AVERAGE-----	-	-	-	3	3	3	1	4	-	-	-	158	158	158	-	53	53						

TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, SURFACE:																							
ELECTRICAL-----	-	-	-	2	2	2	1	3	-	-	-	12	12	12	-	6	6						
EXPLODING VESSEL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
UNDER PRESSURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	1	-	-	-	-	1	1	1	6,000	-	-	-	-	6,000	-	-	6,000						
HANDLING MATERIAL-----	-	-	-	19	19	19	9	28	-	-	-	1,062	1,062	1,062	-	56	56						
HAND TOOL-----	-	-	-	2	2	2	3	5	-	-	-	137	137	137	-	68	68						
NONPOWERED HAULAGE-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8						
POWERED HAULAGE-----	-	-	-	6	6	6	2	8	-	-	-	229	229	229	-	38	38						
MACHINERY-----	-	-	-	7	7	7	3	10	-	-	-	321	321	321	-	46	46						
SLIP OR FALL OF PERSON-----	-	-	-	24	24	24	4	28	-	-	-	1,579	1,579	1,579	-	66	66						
STEPPING OR KNEELING ON OBJECT-----	-	-	-	3	3	3	2	5	-	-	-	10	10	10	-	3	3						
STRIKING OR BUMPING-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-						
OTHER INJURIES-----	-	-	-	2	2	2	-	2	-	-	-	46	46	46	-	23	23						
TOTAL OR AVERAGE-----	1	-	-	66	66	67	26	93	6,000	-	-	3,404	3,404	9,404	-	52	140						
TOTAL OR AVERAGE, MINING:																							
ELECTRICAL-----	-	-	-	2	2	2	2	4	-	-	-	12	12	12	-	6	6						
EXPLODING VESSEL-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1						
UNDER PRESSURE-----	-	-	-	2	2	4	-	4	12,000	-	-	83	83	12,083	-	42	3,021						
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	-	-	3	3	3	-	3	-	-	-	127	127	127	-	42	42						
HANDLING MATERIAL-----	-	-	-	1	52	53	53	18	71	-	-	135	2,841	2,976	2,976	135	55	56					
HAND TOOL-----	-	-	-	5	5	5	14	19	-	-	-	204	204	204	-	41	41						
NONPOWERED HAULAGE-----	-	-	-	2	2	2	-	2	-	-	-	148	148	148	-	74	74						
POWERED HAULAGE-----	-	-	-	13	13	13	5	18	-	-	-	964	964	964	-	74	74						
HOISTING-----	-	-	-	2	2	2	1	3	-	-	-	73	73	73	-	36	36						
MACHINERY-----	-	-	-	14	14	14	8	22	-	-	-	431	431	431	-	31	31						
SLIP OR FALL OF PERSON-----	-	-	-	52	52	52	11	63	-	-	-	3,582	3,582	3,582	-	69	69						
STEPPING OR KNEELING ON OBJECT-----	-	-	-	4	4	4	2	6	-	-	-	17	17	17	-	4	4						
STRIKING OR BUMPING-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-						
OTHER INJURIES-----	-	-	-	2	2	2	5	7	-	-	-	46	46	46	-	23	23						
TOTAL OR AVERAGE-----	2	-	1	154	155	157	68	225	12,000	-	135	8,529	8,664	20,664	135	55	132						

TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
PROCESSING PLANTS:																							
ELECTRICAL-----	-	-	-	2	2	2	2	-	-	-	198	198	198	-	99	99							
HANDLING MATERIAL-----	-	-	1	66	67	67	99	-	-	50	4,254	4,304	4,304	50	64	64							
HAND TOOL-----	-	-	11	11	11	14	25	-	-	-	606	606	606	-	55	55							
POWERED HAULAGE-----	-	-	10	10	10	5	15	-	-	-	469	469	469	-	47	47							
MACHINERY-----	-	-	1	3	4	5	9	-	-	875	183	1,058	1,058	875	61	264							
SLIP OR FALL OF PERSON-----	-	-	46	46	46	17	63	-	-	-	2,960	2,960	2,960	-	64	64							
STEPPING OR KNEELING ON OBJECT-----	-	-	2	2	2	-	2	-	-	-	33	33	33	-	16	16							
STRIKING OR BUMPING-----	-	-	2	2	2	-	2	-	-	-	282	282	282	-	141	141							
OTHER INJURIES-----	-	-	5	5	5	9	14	-	-	-	156	156	156	-	31	31							
TOTAL OR AVERAGE-----	-	-	2	147	149	149	82	231	-	-	925	9,141	10,066	10,066	462	62	68						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
ELECTRICAL-----	-	-	-	4	4	4	2	6	-	-	210	210	210	-	52	52							
EXPLODING VESSEL-----	-	-	-	1	1	1	1	2	-	-	1	1	1	-	1	1							
UNDER PRESSURE-----	-	-	-	2	2	2	-	4	12,000	-	-	83	83	12,083	-	42	3,021						
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	2	-	-	2	2	4	-	4	12,000	-	-	83	83	12,083	-	42	3,021						
FALL OF ROOF (UNDER-GROUND MINES ONLY)-----	-	-	-	3	3	3	-	3	-	-	127	127	127	-	42	42							
HANDLING MATERIAL-----	-	-	2	118	120	120	50	170	-	-	185	7,095	7,280	7,280	92	60	61						
HAND TOOL-----	-	-	16	16	16	28	44	-	-	-	810	810	810	-	51	51							
NONPOWERED HAULAGE-----	-	-	2	2	2	-	2	-	-	-	148	148	148	-	74	74							
POWERED HAULAGE-----	-	-	23	23	23	10	33	-	-	-	1,433	1,433	1,433	-	62	62							
HOISTING-----	-	-	2	2	2	1	3	-	-	-	73	73	73	-	36	36							
MACHINERY-----	-	-	17	18	18	13	31	-	-	875	614	1,489	1,489	875	36	83							
SLIP OR FALL OF PERSON-----	-	-	98	98	98	28	126	-	-	-	6,542	6,542	6,542	-	67	67							
STEPPING OR KNEELING ON OBJECT-----	-	-	6	6	6	2	8	-	-	-	50	50	50	-	8	8							
STRIKING OR BUMPING-----	-	-	2	2	2	1	3	-	-	-	282	282	282	-	141	141							
OTHER INJURIES-----	-	-	7	7	7	14	21	-	-	-	202	202	202	-	29	29							
TOTAL OR AVERAGE-----	2	-	3	301	304	306	150	456	12,000	-	1,060	17,670	18,730	30,730	353	59	100						
OFFICE:																							
HANDLING MATERIAL-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1							
SLIP OR FALL OF PERSON-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-							
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	1	1	1	-	1	1							

TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
GRAND TOTAL OR AVERAGE:	-	-	-	4	4	4	2	6	-	-	-	210	210	210	-	52	52						
ELECTRICAL-----	-	-	-	4	4	4	2	6	-	-	-	210	210	210	-	52	52						
EXPLODING VESSEL	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1						
UNDER PRESSURE-----	-	-	-	2	2	4	-	4	12,000	-	-	83	83	12,083	-	42	3,021						
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	2	-	-	2	2	4	-	4	-	-	-	83	83	12,083	-	42	3,021						
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	-	-	3	3	3	-	3	-	-	-	127	127	127	-	42	42						
HANDLING MATERIAL-----	-	-	2	119	121	121	50	171	-	-	-	7,096	7,281	7,281	92	60	60						
HAND TOOL-----	-	-	-	16	16	16	28	44	-	-	-	810	810	810	-	51	51						
NONPOWERED HAULAGE-----	-	-	-	2	2	2	-	2	-	-	-	148	148	148	-	74	74						
POWERED HAULAGE-----	-	-	-	23	23	23	10	33	-	-	-	1,433	1,433	1,433	-	62	62						
HOISTING-----	-	-	-	2	2	2	1	3	-	-	-	73	73	73	-	36	36						
MACHINERY-----	-	-	1	17	18	18	13	31	-	-	-	875	614	1,489	875	36	83						
SLIP OR FALL OF PERSON-----	-	-	-	98	98	98	29	127	-	-	-	6,542	6,542	6,542	-	67	67						
STEPPING OR KNEELING ON OBJECT-----	-	-	-	6	6	6	2	8	-	-	-	50	50	50	-	8	8						
STRIKING OR BUMPING-----	-	-	-	2	2	2	1	3	-	-	-	282	282	282	-	141	141						
OTHER INJURIES-----	-	-	-	7	7	7	14	21	-	-	-	202	202	202	-	29	29						
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	12,000	-	1,060	17,671	18,731	30,731	353	59	100						

TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
ELECTRICAL:																							
FOREARM-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	1	-	-	-	-	11	11	11	11	11	11						
BODY SYSTEMS-----	-	-	-	2	2	2	3	-	-	-	-	168	168	168	84	84	84						
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	1	-	-	-	-	31	31	31	31	31	31						
TOTAL OR AVERAGE-----	-	-	-	4	4	4	6	-	-	-	-	210	210	210	-	52	52						
EXPLODING VESSEL UNDER PRESSURE:																							
FACE, NEC-----	-	-	-	1	1	1	1	-	-	-	-	1	1	1	-	1	1						
MULTIPLE PARTS OF BODY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	-	-	-	-	1	1	1	-	1	1						
FALL OF FACE, RIB, SIDE OR HIGHWALL:																							
NECK-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1						
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82						
MULTIPLE PARTS OF BODY-----	2	-	-	-	-	2	2	-	12,000	-	-	-	-	12,000	-	-	6,000						
TOTAL OR AVERAGE-----	2	-	-	2	2	4	-	4	12,000	-	-	83	83	12,083	-	42	3,021						
FALL OF ROOF (UNDER- GROUND MINES ONLY):																							
SHOULDER(S)-----	-	-	-	2	2	2	-	2	-	-	-	62	62	62	-	31	31						
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	65	65	65	-	65	65						
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	127	127	127	-	42	42						

TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
HANDLING MATERIAL:																							
EYE-----	-	-	-	3	3	3	7	10	-	-	19	19	19	-	6	6							
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-							
NOSE-----	-	-	1	1	1	1	1	1	-	-	37	37	37	-	37	37							
FACE, NEC-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-							
HEAD, NEC-----	-	-	3	3	3	1	1	4	-	-	20	20	20	-	7	7							
NECK-----	-	-	1	1	1	1	1	2	-	-	123	123	123	-	123	123							
UPPER ARM-----	-	-	1	1	1	1	1	1	-	-	201	201	201	-	201	201							
ELBOW-----	-	-	5	5	5	1	6	6	-	-	218	218	218	-	44	44							
FOREARM-----	-	-	3	3	3	1	4	4	-	-	9	9	9	-	3	3							
Wrist-----	-	-	5	5	5	5	5	5	-	-	201	201	201	-	40	40							
HAND-----	-	-	9	9	9	6	15	15	-	-	307	307	307	-	34	34							
FINGER(S)-----	1	21	22	22	21	43	43	43	-	-	135	715	850	135	34	39							
UPPER EXTREMITIES, NEC-----	-	3	3	3	1	4	4	4	-	-	340	340	340	-	113	113							
ABDOMEN-----	-	-	1	1	1	1	1	1	-	-	20	20	20	-	20	20							
BACK-----	-	-	25	25	25	3	28	28	-	-	2,304	2,304	2,304	-	92	92							
CHEST-----	-	-	1	1	1	3	4	4	-	-	4	4	4	-	4	4							
PELVIC REGION-----	1	7	8	8	-	8	8	8	-	-	50	108	158	50	15	20							
SHOULDER(S)-----	-	16	16	16	1	17	17	17	-	-	1,389	1,389	1,389	-	87	87							
KNEE-----	-	8	8	8	-	8	8	8	-	-	709	709	709	-	89	89							
LOWER LEG-----	-	1	1	1	-	1	1	1	-	-	30	30	30	-	30	30							
ANKLE-----	-	3	3	3	-	3	3	3	-	-	308	308	308	-	103	103							
FOOT-----	-	1	1	1	-	1	1	1	-	-	4	4	4	-	4	4							
TOE(S)-----	-	1	1	1	-	1	1	1	-	-	30	30	30	-	30	30							
MULTIPLE PARTS OF BODY-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-							
TOTAL OR AVERAGE-----	-	2	119	121	121	50	171	171	-	-	185	7,096	7,281	92	60	60							
HAND TOOL:																							
EYE-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-							
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	3	3	3	-	-	-	-	-	-	-	-							
HEAD, NEC-----	-	-	1	1	1	1	2	2	-	-	6	6	6	-	6	6							
FOREARM-----	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-							
HAND-----	-	-	1	1	1	3	4	4	-	-	96	96	96	-	96	96							
FINGER(S)-----	-	7	7	7	7	14	21	21	-	-	264	264	264	-	38	38							
UPPER EXTREMITIES, NEC-----	-	1	1	1	1	2	2	2	-	-	20	20	20	-	20	20							
ABDOMEN-----	-	2	2	2	-	1	1	1	-	-	43	43	43	-	43	43							
BACK-----	-	2	2	2	-	2	2	2	-	-	229	229	229	-	114	114							
CHEST-----	-	3	3	3	-	1	1	1	-	-	152	152	152	-	51	51							
SHOULDER(S)-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-							
THIGH-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-							
TOTAL OR AVERAGE-----	-	-	16	16	16	28	44	44	-	-	810	810	810	-	51	51							
NONPOWERED HAULAGE:																							
FINGER(S)-----	-	-	1	1	1	-	1	1	-	-	8	8	8	-	8	8							
LOWER LEG-----	-	-	1	1	1	-	1	1	-	-	140	140	140	-	140	140							
TOTAL OR AVERAGE-----	-	-	2	2	2	-	2	2	-	-	148	148	148	-	74	74							

TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
POWERED HAULAGE:																							
EYE-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-						
JAW-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
HEAD, NEC-----	-	-	2	2	2	-	2	-	-	-	-	58	58	58	-	29	29						
NECK-----	-	1	1	1	1	-	1	-	-	-	-	9	9	9	-	9	9						
WRIST-----	-	2	2	2	2	1	3	-	-	-	-	185	185	185	-	92	92						
HAND-----	-	2	1	1	1	2	3	-	-	-	-	3	3	3	-	3	3						
FINGER(S)-----	-	-	1	1	1	-	3	-	-	-	-	277	277	277	-	46	46						
BACK-----	-	6	6	6	6	-	6	-	-	-	-	2	2	2	-	2	2						
CHEST-----	-	1	1	1	1	-	1	-	-	-	-	22	22	22	-	22	22						
PELVIC REGION-----	-	1	1	1	1	-	1	-	-	-	-	84	84	84	-	84	84						
SHOULDER(S)-----	-	1	1	1	1	-	1	-	-	-	-	91	91	91	-	91	91						
TRUNK, NEC-----	-	1	1	1	1	-	1	-	-	-	-	88	88	88	-	44	44						
KNEE-----	-	2	2	2	2	-	2	-	-	-	-	-	-	-	-	-	-						
ANKLE-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
FOOT-----	-	-	1	1	1	-	1	-	-	-	-	245	245	245	-	245	245						
LOWER EXTREMITIES, NEC-----	-	-	3	3	3	-	3	-	-	-	-	366	366	366	-	122	122						
MULTIPLE PARTS OF BODY-----	-	-	1	1	1	1	2	-	-	-	-	3	3	3	-	3	3						
TOTAL OR AVERAGE-----	-	-	23	23	23	10	33	-	-	-	-	1,433	1,433	1,433	-	62	62						
HOISTING:																							
BACK-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-						
KNEE-----	-	-	1	1	1	-	1	-	-	-	-	25	25	25	-	25	25						
MULTIPLE PARTS OF BODY-----	-	-	1	1	1	-	1	-	-	-	-	48	48	48	-	48	48						
TOTAL OR AVERAGE-----	-	-	2	2	2	1	3	-	-	-	-	73	73	73	-	36	36						
MACHINERY:																							
EYE-----	-	-	2	2	2	4	6	-	-	-	-	4	4	4	-	2	2						
NOSE-----	-	-	1	1	1	-	1	-	-	-	-	3	3	3	-	3	3						
NECK-----	-	-	1	1	1	-	1	-	-	-	-	5	5	5	-	5	5						
ELBOW-----	-	-	1	1	1	-	1	-	-	-	-	3	3	3	-	3	3						
FOREARM-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
HAND-----	-	-	1	1	1	-	1	-	-	-	-	2	2	2	-	2	2						
FINGER(S)-----	-	1	4	5	5	7	12	-	-	-	-	875	168	1,043	1,043	42	209						
BACK-----	-	-	1	1	1	-	1	-	-	-	-	5	5	5	-	5	5						
SHOULDER(S)-----	-	-	2	2	2	-	2	-	-	-	-	214	214	214	-	107	107						
LOWER LEG-----	-	-	1	1	1	-	1	-	-	-	-	92	92	92	-	92	92						
ANKLE-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
FOOT-----	-	-	2	2	2	-	2	-	-	-	-	107	107	107	-	54	54						
MULTIPLE PARTS OF BODY-----	-	-	1	1	1	-	1	-	-	-	-	11	11	11	-	11	11						
TOTAL OR AVERAGE-----	-	-	1	17	18	18	31	-	-	-	-	875	614	1,489	1,489	875	83						

TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
SLIP OR FALL OF PERSON:																							
JAW-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
FACE, NEC-----	-	-	1	1	1	1	2	2	-	-	5	5	5	-	5	5	5						
HEAD, NEC-----	-	-	1	1	1	2	3	3	-	-	6	6	6	-	6	6	6						
UPPER ARM-----	-	-	2	2	2	-	2	2	-	-	139	139	139	-	70	70	70						
ELBOW-----	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-						
FOREARM-----	-	-	2	2	2	-	2	2	-	-	61	61	61	-	30	30	30						
WRIST-----	-	-	4	4	4	-	4	4	-	-	731	731	731	-	183	183	183						
FINGER(S)-----	-	-	-	-	-	4	4	4	-	-	-	-	-	-	-	-	-						
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-						
BACK-----	-	-	11	11	11	4	15	15	-	-	419	419	419	-	38	38	38						
CHEST-----	-	-	2	2	2	1	3	3	-	-	189	189	189	-	94	94	94						
PELVIC REGION-----	-	-	3	3	3	-	3	3	-	-	146	146	146	-	49	49	49						
SHOULDER(S)-----	-	-	16	16	16	2	18	18	-	-	1,170	1,170	1,170	-	73	73	73						
TRUNK, NEC-----	-	-	3	3	3	-	3	3	-	-	225	225	225	-	75	75	75						
THIGH-----	-	-	1	1	1	1	2	2	-	-	131	131	131	-	131	131	131						
KNEE-----	-	-	21	21	21	-	21	21	-	-	1,272	1,272	1,272	-	61	61	61						
LOWER LEG-----	-	-	2	2	2	2	4	4	-	-	3	3	3	-	2	2	2						
ANKLE-----	-	-	12	12	12	6	18	18	-	-	573	573	573	-	48	48	48						
FOOT-----	-	-	6	6	6	-	6	6	-	-	457	457	457	-	76	76	76						
LOWER EXTREMITIES, NEC-----	-	-	1	1	1	-	2	2	-	-	10	10	10	-	10	10	10						
MULTIPLE PARTS OF BODY-----	-	-	10	10	10	-	10	10	-	-	1,005	1,005	1,005	-	100	100	100						
TOTAL OR AVERAGE-----	-	-	98	98	98	29	127	-	-	-	6,542	6,542	6,542	-	67	67	67						
STEPPING OR KNEELING ON OBJECT:																							
BACK-----	-	-	-	1	1	1	-	1	-	-	7	7	7	-	7	7	7						
KNEE-----	-	-	-	1	1	1	-	2	-	-	31	31	31	-	31	31	31						
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5	5						
ANKLE-----	-	-	-	3	3	3	1	4	-	-	7	7	7	-	2	2	2						
TOTAL OR AVERAGE-----	-	-	6	6	6	2	8	8	-	-	50	50	50	-	8	8	8						
STRIKING OR BUMPING:																							
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-						
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3	3						
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	279	279	279	-	279	279	279						
TOTAL OR AVERAGE-----	-	-	2	2	2	1	3	-	-	-	282	282	282	-	141	141	141						

TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
OTHER INJURIES:																							
EYE-----	-	-	-	1	1	1	8	9	-	-	-	1	1	1	-	1	1						
NECK-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
BACK-----	-	-	2	2	2	2	-	2	-	-	-	53	53	53	-	26	26						
CHEST-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-						
PELVIC REGION-----	-	-	1	1	1	-	1	1	-	-	-	13	13	13	-	13	13						
SHOULDER(S)-----	-	-	1	1	1	-	1	1	-	-	-	64	64	64	-	64	64						
TRUNK, NEC-----	-	-	1	1	1	-	1	1	-	-	-	65	65	65	-	65	65						
BODY SYSTEMS-----	-	-	-	1	1	1	3	4	-	-	-	6	6	6	-	6	6						
TOTAL OR AVERAGE-----	-	-	-	7	7	7	14	21	-	-	-	202	202	202	-	29	29						
TOTAL OR AVERAGE:																							
EYE-----	-	-	6	6	6	22	28	-	-	-	-	24	24	24	-	4	4						
JAW-----	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-						
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	7	7	-	-	-	-	-	-	-	-	-	-						
NOSE-----	-	2	2	2	2	-	2	2	-	-	-	40	40	40	-	20	20						
FACE, NEC-----	-	2	2	2	2	2	2	4	-	-	-	6	6	6	-	3	3						
HEAD, NEC-----	-	5	5	5	5	6	11	-	-	-	-	32	32	32	-	6	6						
NECK-----	-	5	5	5	5	2	7	-	-	-	-	187	187	187	-	37	37						
UPPER ARM-----	-	3	3	3	3	-	3	3	-	-	-	340	340	340	-	113	113						
ELBOW-----	-	6	6	6	6	3	9	-	-	-	-	221	221	221	-	37	37						
FOREARM-----	-	5	5	5	5	5	10	-	-	-	-	70	70	70	-	14	14						
WRIST-----	-	10	10	10	10	-	10	-	-	-	-	941	941	941	-	94	94						
FINGER(S)-----	2	34	36	36	48	84	-	-	-	-	-	1,010	1,158	2,168	505	34	60						
UPPER EXTREMITIES, NEC-----	-	5	5	5	3	8	-	-	-	-	-	371	371	371	-	74	74						
ABDOMEN-----	-	2	2	2	2	-	2	-	-	-	-	63	63	63	-	32	32						
BACK-----	-	48	48	48	8	56	-	-	-	-	-	3,294	3,294	3,294	-	69	69						
CHEST-----	-	4	4	4	7	11	-	-	-	-	-	195	195	195	-	49	49						
PELVIC REGION-----	-	1	12	13	13	-	13	-	-	-	-	50	289	339	50	24	26						
SHOULDER(S)-----	-	43	43	43	4	47	-	-	-	-	-	3,220	3,220	3,220	-	75	75						
TRUNK, NEC-----	-	5	5	5	-	5	-	-	-	-	-	381	381	381	-	76	76						
THIGH-----	-	1	1	1	2	3	-	-	-	-	-	131	131	131	-	131	131						
KNEE-----	-	33	33	33	1	34	-	-	-	-	-	2,125	2,125	2,125	-	64	64						
LOWER LEG-----	-	7	7	7	2	9	-	-	-	-	-	549	549	549	-	78	78						
ANKLE-----	-	18	18	18	9	27	-	-	-	-	-	888	888	888	-	49	49						
FOOT-----	-	10	10	10	-	10	-	-	-	-	-	813	813	813	-	81	81						
TOE(S)-----	-	1	1	1	-	1	-	-	-	-	-	30	30	30	-	30	30						
LOWER EXTREMITIES, NEC-----	-	5	5	5	1	6	-	-	-	-	-	441	441	441	-	88	88						
BODY SYSTEMS-----	-	3	3	3	4	7	-	-	-	-	-	174	174	174	-	58	58						
MULTIPLE PARTS OF BODY-----	2	-	14	14	16	3	19	12,000	-	-	-	1,098	1,098	13,098	-	78	819						
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	12,000	-	-	1,060	17,671	18,731	353	59	100						

TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
ELECTRICAL:																							
ELECTRIC SHOCK-----	-	-	-	2	2	2	1	3	-	-	-	168	168	-	84	84	84						
RADIATION/ULTRA VIOLET-----	-	-	-	2	2	2	1	3	-	-	-	42	42	-	21	21	21						
TOTAL OR AVERAGE-----	-	-	-	4	4	4	2	6	-	-	-	210	210	210	-	52	52						
EXPLODING VESSEL UNDER PRESSURE:																							
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	1	1	1	1	-	-	-	-	1	1	-	1	1						
FRACTURE-----	-	-	-	-	1	1	1	1	-	-	-	-	1	1	-	1	1						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	-	1	1	-	1	1						
FALL OF FACE, RIB, SIDE OR HIGHWALL:																							
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1						
MULTIPLE INJURIES-----	2	-	-	-	-	2	-	2	-	-	-	-	-	12,000	-	6,000	82						
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	82	82	-	82	82	82						
TOTAL OR AVERAGE-----	2	-	-	2	2	4	-	4	12,000	-	-	83	83	12,083	-	42	3,021						
FALL OF ROOF (UNDER- GROUND MINES ONLY):																							
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2						
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	65	65	65	-	65	65						
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	60	60	60	-	60	60						
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	127	127	127	-	42	42						
HANDLING MATERIAL:																							
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	-	135	-	135	135	-	135						
BURN/SCALD (NOT CHEM.)-----	-	-	-	3	3	3	2	5	-	-	-	141	141	141	-	47	47						
CHEMICAL BURN-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
CONCUSSION (CEREBRAL)-----	-	-	-	2	2	2	-	2	-	-	-	12	12	12	-	6	6						
CONTUSION OR BRUISE-----	-	-	7	7	7	3	10	-	-	-	-	339	339	339	-	48	48						
CUT OR PUNCTURE-----	-	-	15	15	15	22	37	-	-	-	-	288	288	288	-	19	19						
DUST IN EYE-----	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	15	15	15	6	21	-	-	-	-	1,272	1,272	1,272	-	85	85						
HERNIA (NOT DISC)-----	-	1	4	5	5	5	1	1	-	-	-	102	102	152	50	26	30						
SCRATCH/ABRASION-----	-	-	-	-	-	1	1	2	-	-	-	3,983	3,983	3,983	-	68	68						
STRAIN/SPRAIN-----	-	-	59	59	59	8	67	-	-	-	-	106	106	106	-	106	106						
MULTIPLE INJURIES-----	-	-	1	1	1	1	2	-	-	-	-	35	35	35	-	7	7						
OTHER INJURY, NEC-----	-	-	5	5	5	5	5	-	-	-	-	818	818	818	-	102	102						
UNCLASSIFIED (NO DATA)-----	-	-	8	8	8	1	9	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	2	119	121	121	50	171	-	-	-	185	7,096	7,281	7,281	92	60						

TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
HAND TOOL:																							
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	1	1	-	-	-	-	6	-	6	-	6	-						
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	1	21	22	-	-	20	20	20	20	20	6						
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	-	1	-	-	52	52	52	52	52	52						
DI SLOCATION-----	-	-	-	1	1	1	1	-	-	-	-	307	307	307	307	307	51						
FRACTURE-----	-	-	6	6	6	4	10	-	-	-	-	424	424	424	424	424	51						
STRAIN/SPRAIN-----	-	-	6	6	6	1	7	-	-	-	-	71	71	71	71	71	71						
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	1	1	2	-	-	1	1	1	1	1	1						
TOTAL OR AVERAGE-----	-	-	-	16	16	16	28	44	-	-	-	810	810	810	-	51	51						
NONPOWERED HAULAGE:																							
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	140	140	140	-	140	140						
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	148	148	148	-	74	74						
POWERED HAULAGE:																							
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	38	38	38	-	38	38						
CUT OR PUNCTURE-----	-	-	-	2	2	2	7	9	-	-	-	6	6	6	-	3	3						
DUST IN EYE-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	9	9	9	-	9	-	-	-	-	864	864	864	-	96	96						
HERNIA (NOT DISC)-----	-	-	1	1	1	-	1	-	-	-	-	22	22	22	-	22	22						
STRAIN/SPRAIN-----	-	-	10	10	10	1	11	-	-	-	-	503	503	503	-	50	50						
TOTAL OR AVERAGE-----	-	-	23	23	23	10	33	-	-	-	-	1,433	1,433	1,433	-	62	62						
HOISTING:																							
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25						
MULTI PLE INJURIES-----	-	-	-	1	1	1	1	2	-	-	-	48	48	48	-	48	48						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	73	73	73	-	36	36						
MACHINERY:																							
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	875	-	875	875	875	-	875						
BURN/SCALD (NOT CHEM.)-----	-	-	-	2	2	2	-	2	-	-	-	43	43	43	-	22	22						
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	25	25	25	-	12	12						
CUT OR PUNCTURE-----	-	-	-	2	2	2	10	12	-	-	-	35	35	35	-	18	18						
DUST IN EYE-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	6	6	6	1	7	-	-	-	-	355	355	355	-	59	59						
SCRATCH/ABRASION-----	-	-	1	1	1	-	1	-	-	-	-	1	1	1	-	1	1						
STRAIN/SPRAIN-----	-	-	4	4	4	1	5	-	-	-	-	155	155	155	-	39	39						
TOTAL OR AVERAGE-----	-	-	1	17	18	18	13	31	-	-	875	614	1,489	1,489	875	36	83						

TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
SLIP OR FALL OF PERSON:																							
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	-	-	-	25	25	25	-	25	25							
CONTUSION OR BRUISE-----	-	-	10	10	10	3	13	-	-	273	273	273	-	27	27								
CUT OR PUNCTURE-----	-	-	2	2	2	10	12	-	-	-	11	11	11	-	6	6							
DI SLOCATION-----	-	-	1	1	1	-	1	-	-	-	45	45	45	-	45	45							
FRACTURE-----	-	-	20	20	20	4	24	-	-	-	1,848	1,848	1,848	-	92	92							
STRAIN/SPRAIN-----	-	-	55	55	55	9	64	-	-	-	3,896	3,896	3,896	-	71	71							
MULTIPLE INJURIES-----	-	-	2	2	2	-	2	-	-	-	50	50	50	-	25	25							
UNCLASSIFIED (NO DATA)-----	-	-	7	7	7	3	10	-	-	-	394	394	394	-	56	56							
TOTAL OR AVERAGE-----	-	-	98	98	98	29	127	-	-	-	6,542	6,542	6,542	-	67	67							
STEPPING OR KNEELING ON OBJECT:																							
CUT OR PUNCTURE-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	1	1	1	1	1	-	-	-	2	2	2	-	2	2							
STRAIN/SPRAIN-----	-	-	5	5	5	1	6	-	-	-	48	48	48	-	10	10							
TOTAL OR AVERAGE-----	-	-	6	6	6	2	8	-	-	-	50	50	50	-	8	8							
STRIKING OR BUMPING:																							
CONTUSION OR BRUISE-----	-	-	1	1	1	-	1	-	-	-	279	279	279	-	279	279							
CUT OR PUNCTURE-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
UNCLASSIFIED (NO DATA)-----	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3							
TOTAL OR AVERAGE-----	-	-	2	2	2	1	3	-	-	-	282	282	282	-	141	141							
OTHER INJURIES:																							
CONTUSION OR BRUISE-----	-	-	1	1	1	-	1	-	-	-	65	65	65	-	65	65							
DUST IN EYE-----	-	-	1	1	1	4	5	-	-	-	1	1	1	-	1	1							
POISONING (SYSTEMIC)-----	-	-	1	1	1	3	4	-	-	-	6	6	6	-	6	6							
SCRATCH/ABRASION-----	-	-	4	4	4	1	5	-	-	-	130	130	130	-	32	32							
STRAIN/SPRAIN-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-						
OTHER INJURY, NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	7	7	7	14	21	-	-	-	202	202	202	-	29	29							

TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY
AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE:																							
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	1,010	-	1,010	1,010	505	-	505						
BURN/SCALD (NOT CHEM.)-----	-	-	6	6	6	4	10	-	-	209	209	209	209	-	35	35							
CHEMICAL BURN-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
CONCUSSION (CEREBRAL)-----	-	-	3	3	3	-	3	-	-	-	18	18	18	18	-	6	6						
CONTUSION OR BRUISE-----	-	-	22	22	22	6	28	-	-	-	1,019	1,019	1,019	1,019	-	46	46						
CUT OR PUNCTURE-----	-	-	23	23	23	72	95	-	-	-	362	362	362	362	-	16	16						
DISLOCATION-----	-	-	2	2	2	-	2	-	-	-	97	97	97	97	-	48	48						
DUST IN EYE-----	-	-	1	1	1	11	12	-	-	-	1	1	1	1	-	1	1						
ELECTRIC SHOCK-----	-	-	2	2	2	1	3	-	-	-	168	168	168	168	-	84	84						
FRACTURE-----	-	-	60	60	60	15	75	-	-	-	4,854	4,854	4,854	4,854	-	81	81						
HERNIA (NOT DISC)-----	-	1	5	6	6	-	6	-	-	50	124	174	174	50	25	29							
POISONING (SYSTEMIC)-----	-	-	1	1	1	3	4	-	-	-	6	6	6	6	-	6	6						
RADIATION/ULTRA VIOLET-----	-	-	2	2	2	1	3	-	-	-	42	42	42	42	-	21	21						
SCRATCH/ABRASION-----	-	-	1	1	1	5	6	-	-	-	1	1	1	1	-	1	1						
STRAIN/SPRAIN-----	-	-	147	147	147	22	169	-	-	-	9,233	9,233	9,233	9,233	-	63	63						
MULTIPLE INJURIES-----	2	-	-	4	4	6	2	8	12,000	-	-	204	204	12,204	-	51	2,034						
OTHER INJURY, NEC-----	-	-	-	5	5	2	7	-	-	-	35	35	35	35	-	7	7						
UNCLASSIFIED (NO DATA)-----	-	-	18	18	18	5	23	-	-	-	1,298	1,298	1,298	1,298	-	72	72						
TOTAL OR AVERAGE-----	2	-	3	302	305	307	151	458	12,000	-	1,060	17,671	18,731	30,731	353	59	100						

TABLE 21. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION, TYPE OF MINERAL AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
UNDERGROUND MINES:								
UNDERGROUND:								
GILSONITE:								
UTAH-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
SALT:								
KANSAS-----	-	-	-	-	-	1	-	1
LOUISIANA-----	-	-	-	-	-	1	-	1
NEW YORK-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	2	1	3
SODIUM COMPOUNDS:								
WYOMING-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
SURFACE AT UG:								
SALT:								
TEXAS-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
TOTAL UNDERGROUND:								
GILSONITE:								
UTAH-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
SALT:								
KANSAS-----	-	-	-	-	-	1	-	1
LOUISIANA-----	-	-	-	-	-	1	-	1
NEW YORK-----	-	-	-	-	-	1	-	1
TEXAS-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	3	1	4
SODIUM COMPOUNDS:								
WYOMING-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
SURFACE MINES:								
STRIP:								
CLAY:								
TENNESSEE-----	-	2	-	-	-	-	-	2
TOTAL-----	-	2	-	-	-	-	-	2

TABLE 21. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION, TYPE OF MINERAL AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
STRIPE-CONT: PHOSPHATE: FLORIDA-----	1	-	-	-	1	1	-	3
TOTAL-----	1	-	-	-	1	1	-	3
SHALE: COLORADO-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
OTHER NONMETAL, NEC: WISCONSIN-----	1	-	-	-	-	1	-	2
TOTAL-----	1	-	-	-	-	1	-	2
TOTAL SURFACE: CLAY: TENNESSEE-----	-	2	-	-	-	-	-	2
TOTAL-----	-	2	-	-	-	-	-	2
PHOSPHATE: FLORIDA-----	1	-	-	-	1	1	-	3
TOTAL-----	1	-	-	-	1	1	-	3
SHALE: COLORADO-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
OTHER NONMETAL, NEC: WISCONSIN-----	1	-	-	-	-	1	-	2
TOTAL-----	1	-	-	-	-	1	-	2
TOTAL MINING: CLAY: TENNESSEE-----	-	2	-	-	-	-	-	2
TOTAL-----	-	2	-	-	-	-	-	2
GILSONITE: UTAH-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1

TABLE 21. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION, TYPE OF MINERAL AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
TOTAL MINING-CONT:								
PHOSPHATE:								
FLORIDA-----	1	-	-	-	1	1	-	3
TOTAL-----	1	-	-	-	1	1	-	3
SALT:								
KANSAS-----	-	-	-	-	-	1	-	1
LOUISIANA-----	-	-	-	-	-	1	-	1
NEW YORK-----	-	-	-	-	-	1	-	1
TEXAS-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	3	1	4
SHALE:								
COLORADO-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
SODIUM COMPOUNDS:								
WYOMING-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
OTHER NONMETAL, NEC:								
WISCONSIN-----	1	-	-	-	-	1	-	2
TOTAL-----	1	-	-	-	-	1	-	2
PROCESSING PLANTS:								
CLAY:								
GEORGIA-----	-	1	-	-	-	-	-	1
TOTAL-----	-	1	-	-	-	-	-	1
FELDSPAR:								
GEORGIA-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
GYPSUM:								
TEXAS-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
PHOSPHATE:								
FLORIDA-----	-	-	-	-	1	-	-	1
TOTAL-----	-	-	-	-	1	-	-	1

TABLE 21. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION, TYPE OF MINERAL AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
PROCESSING PLANTS-CONT:								
PIGMENT:								
TEXAS-----	-	-	-	-	1	-	-	1
TOTAL-----	-	-	-	-	1	-	-	1
SHALE:								
TEXAS-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
TALC-SOAPSTONE:								
NEW YORK-----	-	-	-	-	-	2	-	2
TOTAL-----	-	-	-	-	-	2	-	2
WOLLASTONITE-STAUROLITE:								
VIRGINIA-----	-	-	1	-	-	-	-	1
TOTAL-----	-	-	1	-	-	-	-	1
OTHER NONMETAL, NEC:								
WISCONSIN-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
TOTAL, MINES AND PLANTS:								
CLAY:								
GEORGIA-----	-	1	-	-	-	-	-	1
TENNESSEE-----	-	2	-	-	-	-	-	2
TOTAL-----	-	3	-	-	-	-	-	3
FELDSPAR:								
GEORGIA-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
GILSONITE:								
UTAH-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
GYPSUM:								
TEXAS-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1

201

TABLE 21. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION, TYPE OF MINERAL AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
TOTAL, MINES AND PLANTS-CONT:								
PHOSPHATE:								
FLORIDA-----	1	-	-	-	2	1	-	4
TOTAL-----	1	-	-	-	2	1	-	4
PIGMENT:								
TEXAS-----	-	-	-	-	1	-	-	1
TOTAL-----	-	-	-	-	1	-	-	1
SALT:								
KANSAS-----	-	-	-	-	-	1	-	1
LOUISIANA-----	-	-	-	-	-	1	-	1
NEW YORK-----	-	-	-	-	-	1	-	1
TEXAS-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	3	1	4
SHALE:								
COLORADO-----	-	-	-	-	-	1	-	1
TEXAS-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	2	-	2
SODIUM COMPOUNDS:								
WYOMING-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
TALC-SOAPSTONE:								
NEW YORK-----	-	-	-	-	-	2	-	2
TOTAL-----	-	-	-	-	-	2	-	2
WOLLASTONITE-STAUROLITE:								
VERMONT-----	-	-	1	-	-	-	-	1
TOTAL-----	-	-	1	-	-	-	-	1
OTHER NONMETAL, NEC:								
WISCONSIN-----	1	-	-	-	-	2	-	3
TOTAL-----	1	-	-	-	-	2	-	3
GRAND TOTAL:								
CLAY:								
GEORGIA-----	-	1	-	-	-	-	-	1
TENNESSEE-----	-	2	-	-	-	-	-	2
TOTAL-----	-	3	-	-	-	-	-	3

TABLE 21. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION, TYPE OF MINERAL AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
GRAND TOTAL-CONT:								
FELDSPAR:								
GEORGIA-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
GILSONITE:								
UTAH-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
GYPSUM:								
TEXAS-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
PHOSPHATE:								
FLORIDA-----	1	-	-	-	2	1	-	4
TOTAL-----	1	-	-	-	2	1	-	4
PIGMENT:								
TEXAS-----	-	-	-	-	1	-	-	1
TOTAL-----	-	-	-	-	1	-	-	1
SALT:								
KANSAS-----	-	-	-	-	-	1	-	1
LOUISIANA-----	-	-	-	-	-	1	-	1
NEW YORK-----	-	-	-	-	-	1	-	1
TEXAS-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	3	1	4
SHALE:								
COLORADO-----	-	-	-	-	-	1	-	1
TEXAS-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	2	-	2
SODIUM COMPOUNDS:								
WYOMING-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
TALC-SOAPSTONE:								
NEW YORK-----	-	-	-	-	-	2	-	2
TOTAL-----	-	-	-	-	-	2	-	2

TABLE 21. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION, TYPE OF MINERAL AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
GRAND TOTAL--CONT: WOLLASTONITE-STAUROLITE: VIRGINIA-----	-	-	1	-	-	-	-	1
TOTAL-----	-	-	1	-	-	-	-	1
OTHER NONMETAL, NEC: WISCONSIN-----	1	-	-	-	-	2	-	3
TOTAL-----	1	-	-	-	-	2	-	3
TOTAL OR AVERAGE-----	2	3	1	-	3	14	1	24

TABLE 22 – RELATED NONCOAL MINING SUMMARY REFERENCE TABULATION, NUMBER OF INJURIES, INCIDENCE RATES,
AVERAGE NUMBER OF WORKERS, AND EMPLOYEE-HOURS BY MINERAL INDUSTRY AND WORK LOCATION, 2012
(OPERATOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED
UNDERGROUND MINES:										
METAL-----	1	.01	233	2.85	113	1.38	347	4.25	8,051	16,339,519
NONMETAL-----	1	.03	89	2.91	42	1.37	132	4.32	3,060	6,110,928
STONE-----	2	.08	54	2.24	22	.91	78	3.24	2,331	4,813,251
TOTAL, UNDERGROUND MINES-----	4	.03	376	2.76	177	1.30	557	4.09	13,442	27,263,698
SURFACE MINES:										
METAL-----	-	-	183	1.07	108	.63	291	1.71	16,190	34,131,516
NONMETAL-----	1	.02	66	1.61	26	.63	93	2.27	4,239	8,194,502
STONE-----	2	.01	499	2.01	239	.96	740	2.98	27,180	49,732,223
SUBTOTAL, SURFACE MINES-----	3	.01	748	1.63	373	.81	1,124	2.44	47,609	92,058,241
SAND AND GRAVEL-----	4	.02	379	1.54	205	.83	588	2.39	30,571	49,191,892
TOTAL, SURFACE MINES-----	7	.01	1,127	1.60	578	.82	1,712	2.42	78,180	141,250,133
TOTAL, MINES-----	11	.01	1,503	1.78	755	.90	2,269	2.69	91,622	168,513,831
MILLS:										
METAL-----	-	-	278	1.82	118	.77	396	2.60	14,468	30,493,896
NONMETAL-----	-	-	149	1.32	82	.73	231	2.05	10,840	22,500,423
STONE-----	2	.01	581	2.17	262	.98	845	3.15	26,248	53,585,827
TOTAL, MILLS-----	2	(*)	1,008	1.89	462	.87	1,472	2.76	51,556	106,580,146
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-	-	2	.66	3	.99	5	1.66	288	603,180
NONMETAL-----	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	7	4.61	1	.66	8	5.27	179	303,643
TOTAL, SHOPS AND YARDS-----	-	-	9	1.98	4	.88	13	2.87	467	906,823
ALL MINES, MILLS AND SHOPS:										
METAL-----	1	(*)	696	1.71	342	.84	1,039	2.55	38,997	81,568,111
NONMETAL-----	2	.01	304	1.65	150	.82	456	2.48	18,139	36,805,853
STONE-----	6	.01	1,141	2.10	524	.97	1,671	3.08	55,938	108,434,944
SUBTOTAL-----	9	.01	2,141	1.89	1,016	.90	3,166	2.79	113,074	226,808,908
SAND AND GRAVEL-----	4	.02	379	1.54	205	.83	588	2.39	30,571	49,191,892
TOTAL, MINES/MILLS/SHOPS-----	13	.01	2,520	1.83	1,221	.88	3,754	2.72	143,645	276,000,800
OFFICEWORKERS:										
METAL-----	-	-	6	.11	1	.02	7	.13	5,461	10,479,916
NONMETAL-----	-	-	1	.03	1	.03	2	.06	3,447	6,422,955
STONE-----	-	-	7	.08	3	.03	10	.11	10,263	18,586,400
SAND AND GRAVEL-----	-	-	1	.03	2	.05	3	.08	6,496	7,414,587
TOTAL, OFFICEWORKERS-----	-	-	15	.07	7	.03	22	.10	25,667	42,903,858
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	1	(*)	702	1.53	343	.75	1,046	2.27	44,458	92,048,027
NONMETAL-----	2	.01	305	1.41	151	.70	458	2.12	21,586	43,228,808
STONE-----	6	.01	1,148	1.81	527	.83	1,681	2.65	66,201	127,021,344
SUBTOTAL-----	9	.01	2,155	1.64	1,021	.78	3,185	2.43	132,245	262,298,179
SAND AND GRAVEL-----	4	.01	380	1.34	207	.73	591	2.09	37,067	56,606,479
GRAND TOTAL-----	13	.01	2,535	1.59	1,228	.77	3,776	2.37	169,312	318,904,658

TABLE 23 - RELATED COAL MINING SUMMARY REFERENCE TABULATION, NUMBER OF INJURIES, INCIDENCE RATES, AVERAGE NUMBER OF WORKERS, EMPLOYEE-HOURS AND PRODUCTION BY TYPE COAL MINED AND WORK LOCATION, 2012
(OPERATOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED	PRODUCTION REPORTED (SHORT TONS)
BITUMINOUS COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	12	.02	1,715	3.44	850	1.71	2,577	5.17	45,031	99,678,504	343,182,935
SURFACE-----	1	.03	93	3.14	50	1.69	144	4.86	2,927	5,928,944	-
TOTAL, UNDERGROUND MINES--	13	.02	1,808	3.42	900	1.70	2,721	5.15	47,958	105,607,448	343,182,935
SURFACE MINES:											
STRIP MINES-----	3	.01	330	1.02	128	.39	461	1.42	30,427	64,985,422	668,367,368
AUGER MINES-----	-	-	6	1.79	2	.60	8	2.38	464	671,984	2,676,488
OTHER SURFACE MINES-----	-	-	5	2.11	3	1.27	8	3.37	287	474,170	1,309,083
TOTAL, SURFACE MINES-----	3	.01	341	1.03	133	.40	477	1.44	31,178	66,131,576	672,352,939
TOTAL, PRODUCTIVE MINING--	16	.02	2,149	2.50	1,033	1.20	3,198	3.72	79,136	171,739,024	1,015,535,874
PREPARATION PLANTS-----	1	.01	113	1.28	70	.79	184	2.08	8,070	17,676,967	-
INDEPENDENT SHOPS/YARDS-----	1	.17	6	1.01	6	1.01	13	2.20	487	1,183,838	-
TOTAL, OTHER OPERATIONS--	2	.02	119	1.26	76	.81	197	2.09	8,557	18,860,805	-
TOTAL, BITUMINOUS MINING--	18	.02	2,268	2.38	1,109	1.16	3,395	3.56	87,693	190,599,829	1,015,535,874
PENNSYLVANIA ANTHRACITE COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-	-	2	3.45	-	-	2	3.45	68	116,072	119,963
SURFACE-----	-	-	-	-	-	-	-	-	17	31,169	-
TOTAL, UNDERGROUND MINES--	-	-	2	2.72	-	-	2	2.72	85	147,241	119,963
SURFACE MINES:											
STRIP MINES-----	-	-	24	3.98	8	1.33	32	5.30	582	1,206,992	2,214,589
CULM BANK-----	-	-	1	.83	-	-	1	.83	134	241,869	33,363
DREDGE-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, SURFACE MINES-----	-	-	25	3.45	8	1.10	33	4.56	716	1,448,861	2,247,952
TOTAL, PRODUCTIVE MINING--	-	-	27	3.38	8	1.00	35	4.39	801	1,596,102	2,367,915
PREPARATION PLANTS-----	-	-	18	4.22	11	2.58	29	6.80	412	852,994	-
INDEPENDENT SHOPS/YARDS-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OTHER OPERATIONS--	-	-	18	4.22	11	2.58	29	6.80	412	852,994	-
TOTAL, ANTHRACITE MINING--	-	-	45	3.67	19	1.55	64	5.23	1,213	2,449,096	2,367,915
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	12	.02	1,717	3.44	850	1.70	2,579	5.17	45,099	99,794,576	343,302,898
SURFACE-----	1	.03	93	3.12	50	1.68	144	4.83	2,944	5,960,113	-
TOTAL, UNDERGROUND MINES--	13	.02	1,810	3.42	900	1.70	2,723	5.15	48,043	105,754,689	343,302,898
SURFACE MINES:											
STRIP MINES-----	3	.01	354	1.07	136	.41	493	1.49	31,009	66,192,414	670,581,957
AUGER MINES-----	-	-	6	1.79	2	.60	8	2.38	464	671,984	2,676,488
CULM BANK-----	-	-	6	1.74	3	.87	9	2.61	402	688,841	1,164,482
DREDGE-----	-	-	-	-	-	-	-	-	19	27,198	177,964
TOTAL, SURFACE MINES-----	3	.01	366	1.08	141	.42	510	1.51	31,894	67,580,437	674,600,891
TOTAL, PRODUCTIVE MINING--	16	.02	2,176	2.51	1,041	1.20	3,233	3.73	79,937	173,335,126	1,017,903,789
PREPARATION PLANTS-----	1	.01	131	1.41	81	.87	213	2.30	8,482	18,529,961	-
INDEPENDENT SHOPS/YARDS-----	1	.17	6	1.01	6	1.01	13	2.20	487	1,183,838	-
TOTAL, OTHER OPERATIONS--	2	.02	137	1.39	87	.88	226	2.29	8,969	19,713,799	-
TOTAL, ALL COAL-----	18	.02	2,313	2.40	1,128	1.17	3,459	3.58	88,906	193,048,925	1,017,903,789
OFFICEWORKERS:											
BITUMINOUS-----	-	-	1	.03	-	-	1	.03	3,444	6,501,079	-
ANTHRACITE-----	-	-	1	.94	-	-	1	.94	122	211,834	-
TOTAL, OFFICEWORKERS-----	-	-	2	.06	-	-	2	.06	3,566	6,712,913	-
GRAND TOTAL-----	18	.02	2,315	2.32	1,128	1.13	3,461	3.47	92,472	199,761,838	1,017,903,789

CONTRACTOR DATA

TABLE REFERENCE GUIDE (NONMETALLIC CONTRACTOR DATA)

The following reference guide facilitates locating particular data elements contained in the annual statistical tables for contractors. The number appearing in each cell indicates the table number in which that particular element may be found. All elements listed under the stub headings appear as vertical headings in the tables. Elements listed under column headings appear as horizontal headings. The only exception to this is table 1, in which the headings have been reversed.

To use this guide, read down or across the elements listed in both the stub and column headings to determine which combinations are of interest. For example, lost workdays by work location appear in eight different tables, numbers 3, 7, 9, 11, 14, 16, 17, and 18. However, only one of these, table 11, provides a further division by nature of injury as well. The occupation of the injured is found in table 17 and, as seen in the column headings, provides the number of injuries, lost workdays, and average severity.

Although injuries and illnesses occurring to contractor employees are identifiable as to State in which they occurred or commodity mined, matching exposure hours are not available. Incidence rates for such employees are possible only at the national level for the various subunits and only for the coal industry as a whole and the noncoal industry as a whole. Consequently, certain tables have been entirely eliminated from the contractor portion of this report. The remaining tables are numbered to correspond with the comparable table in the operator portion of this report.

REFERENCE GUIDE TO NONMETALLIC STATISTICAL TABLES (CONTRACTOR DATA)

STUB READINGS		COLUMN READINGS								
		Number of injuries	Incidence rates *	Lost workdays	Average severity	Average number of workers *	Employee-hours worked *	Accident classification	Number of occupational illnesses	Coal production (short tons)
Prior year data with and without office	1/	1		1						
Work Location	3		3	3						
	7		7	7						
	9		9	9						
	11		11	11						
	13						13			
			14				14			
	15						15			
			16				16			
	17		17	17						
	18		18	18						
Type of Mineral							21			
	22	22			22	22				
	23	23			23	23				23
	7		7	7						
State	15						15			
			16				16			
								21		
	7		7	7						
Part of body injured	13						13			
			14				14			
								21		
Nature of injury	9		9	9						
	12		12	12						
	19		19	19						
Occupation at time of injury	11		11	11						
	12		12	12						
Accident Classification	20		20	20						
	17		17	17						
	18		18	18						
	19		19	19						
Mineral-industry	20		20	20						
	22	22			22	22				
Type of Coal	23	23			23	23				23

1/ For table 1 only, the headings have been reversed to simplify this guide; that is, the data elements indicated in the column headings for this table actually appear as vertical headings.

* Contractor data appearing in table 22 for the column headings denoted with an asterisk (*) in this guide are obtainable only for the noncoal industry as a whole and do not represent a particular mineral industry.

TABLE 1. - GENERAL STATISTICS ON INJURY EXPERIENCE AND WORKTIME, AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
NUMBER OF INJURIES:										
FATAL-----	-	1	2	2	1	-	1	2	2	1
NFDL-----	55	35	34	42	41	56	35	35	42	41
TOTAL LWD INJURIES-----	55	36	36	44	42	56	36	37	44	42
NDL-----	38	28	25	33	22	38	28	25	34	23
TOTAL INJURIES-----	93	64	61	77	64	94	64	62	78	65
AVERAGE SEVERITY:										
PERMANENT PARTIAL-----	50	395	-	235	55	50	395	-	235	55
TEMPORARY NFDL-----	37	39	72	53	60	36	39	78	53	60
ALL LWD INJURIES-----	37	224	401	328	201	36	224	398	328	201

TABLE 3. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION	NUMBER OF INJURIES								LOST WORKDAYS								AVERAGE SEVERITY								
	FATAL	NFDL				NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA-NENT PARTIAL	TEMPO-RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO-RARY	TOTAL NFDL				PERMANENT		TEMPO-RARY	TOTAL NFDL													
		TOTAL	PARTIAL						TOTAL	PARTIAL															
UNDERGROUND MINES:																									
UNDERGROUND-----	-	-	-	2	2	2	1	-	-	-	-	43	43	43	-	22	22								
SURFACE AT UNDERGROUND-----	-	-	-	4	4	4	5	9	-	-	-	140	140	140	-	35	35								
TOTAL OR AVERAGE-----	-	-	-	6	6	6	6	12	-	-	-	183	183	183	-	30	30								
SURFACE MINES:																									
OPEN PIT-----	1	-	1	20	21	22	10	32	6,000	-	60	1,473	1,533	7,533	60	74	342								
DREDGE-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	-	47	47								
OTHER SURFACE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	1	-	1	21	22	23	10	33	6,000	-	60	1,520	1,580	7,580	60	72	330								
TOTAL OR AVERAGE, MINING-----	1	-	1	27	28	29	16	45	6,000	-	60	1,703	1,763	7,763	60	63	268								
INDEPENDENT SHOPS:																									
TOTAL OR AVERAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
PROCESSING PLANTS:																									
TOTAL OR AVERAGE-----	-	-	1	12	13	13	6	19	-	-	50	628	678	678	50	52	52								
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																									
TOTAL OR AVERAGE-----	1	-	2	39	41	42	22	64	6,000	-	110	2,331	2,441	8,441	55	60	201								
OFFICE:																									
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
GRAND TOTAL OR AVERAGE:																									
TOTAL OR AVERAGE-----	1	-	2	39	41	42	23	65	6,000	-	110	2,331	2,441	8,441	55	60	201								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
BARITE:																							
SURFACE MINES:																							
OPEN PIT:																							
GEORGIA-----	-	-	-	-	1	1	1	-	-	-	-	113	113	113	-	113	113						
NEVADA-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	1	1	1	3	4	-	-	113	113	113	-	113	113						
TOTAL OR AVERAGE, SURFACE:																							
GEORGIA-----	-	-	-	-	1	1	1	-	1	-	-	113	113	113	-	113	113						
NEVADA-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	1	1	1	3	4	-	-	113	113	113	-	113	113						
TOTAL OR AVERAGE, MINING:																							
GEORGIA-----	-	-	-	-	1	1	1	-	1	-	-	113	113	113	-	113	113						
NEVADA-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	1	1	1	3	4	-	-	113	113	113	-	113	113						
PROCESSING PLANTS:																							
NEVADA-----	-	-	-	-	1	1	1	2	3	-	-	-	5	5	5	-	5	5					
TOTAL OR AVERAGE-----	-	-	-	-	1	1	1	2	3	-	-	-	5	5	5	-	5	5					
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
GEORGIA-----	-	-	-	-	1	1	1	-	6	-	-	-	113	113	113	-	113	113					
NEVADA-----	-	-	-	-	-	-	5	6	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	2	2	2	5	7	-	-	-	118	118	118	-	59	59					
GRAND TOTAL OR AVERAGE:																							
GEORGIA-----	-	-	-	-	1	1	1	-	6	-	-	-	113	113	113	-	113	113					
NEVADA-----	-	-	-	-	-	-	5	6	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	2	2	2	5	7	-	-	-	118	118	118	-	59	59					
BORON:																							
SURFACE MINES:																							
OPEN PIT:																							
CALIFORNIA-----	-	-	-	-	2	2	2	-	2	-	-	-	115	115	115	-	58	58					
TOTAL OR AVERAGE-----	-	-	-	-	2	2	2	-	2	-	-	-	115	115	115	-	58	58					

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
BORON-CONTINUED: TOTAL OR AVERAGE, SURFACE: CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	115	115	115	-	58	58						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	115	115	115	-	58	58						
TOTAL OR AVERAGE, MINING: CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	115	115	115	-	58	58						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	115	115	115	-	58	58						
TOTAL OR AVERAGE, ALL MINES AND PLANTS: CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	115	115	115	-	58	58						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	115	115	115	-	58	58						
GRAND TOTAL OR AVERAGE: CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	115	115	115	-	58	58						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	115	115	115	-	58	58						
CLAY: SURFACE MINES: OPEN PIT: GEORGIA-----	-	-	-	3	3	3	-	3	-	-	-	247	247	247	-	82	82						
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2						
MISSOURI-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	4	4	4	1	5	-	-	-	249	249	249	-	62	62						
TOTAL OR AVERAGE, SURFACE: GEORGIA-----	-	-	-	3	3	3	-	3	-	-	-	247	247	247	-	82	82						
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2						
MISSOURI-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	4	4	4	1	5	-	-	-	249	249	249	-	62	62						
TOTAL OR AVERAGE, MINING: GEORGIA-----	-	-	-	3	3	3	-	3	-	-	-	247	247	247	-	82	82						
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2						
MISSOURI-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	4	4	4	1	5	-	-	-	249	249	249	-	62	62						

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
CLAY-CONTINUED: PROCESSING PLANTS:																							
CALIFORNIA-----	-	-	-	1	1	1	1	-	-	-	36	36	36	-	36	36	36						
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE---	-	-	-	1	1	1	1	2	-	-	36	36	36	-	36	36	36						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
CALIFORNIA-----	-	-	-	1	1	1	1	-	-	-	36	36	36	-	36	36	36						
GEORGIA-----	-	-	-	3	3	3	1	4	-	-	247	247	247	-	82	82	82						
IOWA-----	-	-	-	1	1	1	1	-	-	-	2	2	2	-	2	2	2						
MISSOURI-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE---	-	-	-	5	5	5	2	7	-	-	285	285	285	-	57	57	57						
GRAND TOTAL OR AVERAGE:																							
CALIFORNIA-----	-	-	-	1	1	1	1	-	-	-	36	36	36	-	36	36	36						
GEORGIA-----	-	-	-	3	3	3	1	4	-	-	247	247	247	-	82	82	82						
IOWA-----	-	-	-	1	1	1	1	-	-	-	2	2	2	-	2	2	2						
MISSOURI-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE---	-	-	-	5	5	5	2	7	-	-	285	285	285	-	57	57	57						
GILSONITE: UNDERGROUND MINES:																							
UNDERGROUND:																							
UTAH-----	-	-	-	1	1	1	-	1	-	-	38	38	38	-	38	38	38						
TOTAL OR AVERAGE---	-	-	-	1	1	1	-	1	-	-	38	38	38	-	38	38	38						
SURFACE AT UNDERGROUND:																							
UTAH-----	-	-	-	1	1	1	-	1	-	-	122	122	122	-	122	122	122						
TOTAL OR AVERAGE---	-	-	-	1	1	1	-	1	-	-	122	122	122	-	122	122	122						
TOTAL OR AVERAGE, UG:																							
UTAH-----	-	-	-	2	2	2	-	2	-	-	160	160	160	-	80	80	80						
TOTAL OR AVERAGE---	-	-	-	2	2	2	-	2	-	-	160	160	160	-	80	80	80						
TOTAL OR AVERAGE, MINING:																							
UTAH-----	-	-	-	2	2	2	-	2	-	-	160	160	160	-	80	80	80						
TOTAL OR AVERAGE---	-	-	-	2	2	2	-	2	-	-	160	160	160	-	80	80	80						

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
GLASS/STE-CO-CONTINUED: TOTAL OR AVERAGE, ALL MINES AND PLANTS: UTAH-----	-	-	-	2	2	2	-	2	-	-	-	160	160	160	-	80	80								
TOTAL OR AVERAGE----	-	-	-	2	2	2	-	2	-	-	-	160	160	160	-	80	80								
GRAND TOTAL OR AVERAGE: UTAH-----	-	-	-	2	2	2	-	2	-	-	-	160	160	160	-	80	80								
TOTAL OR AVERAGE----	-	-	-	2	2	2	-	2	-	-	-	160	160	160	-	80	80								
MI CA: SURFACE MINES: OPEN PIT: KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25								
TOTAL OR AVERAGE----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25								
TOTAL OR AVERAGE, SURFACE: KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25								
TOTAL OR AVERAGE----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25								
TOTAL OR AVERAGE, MINING: KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25								
TOTAL OR AVERAGE----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25								
TOTAL OR AVERAGE, ALL MINES AND PLANTS: KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25								
TOTAL OR AVERAGE----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25								
GRAND TOTAL OR AVERAGE: KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25								
TOTAL OR AVERAGE----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
PHOSPHATE: SURFACE MINES: OPEN PIT:																							
FLORIDA-----	-	-	-	1	4	4	4	-	-	-	532	532	532	-	133	133	133						
IDAHO-----	-	-	-	-	2	3	3	-	-	60	119	179	179	60	60	60	60						
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	1	6	7	7	6	13	-	-	60	651	711	711	60	108	102						
DREDGE:																							
FLORIDA-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	-	47	47						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	-	47	47						
TOTAL OR AVERAGE, SURFACE:																							
FLORIDA-----	-	-	-	1	5	5	5	-	-	-	579	579	579	-	116	116	116						
IDAHO-----	-	-	1	2	3	3	3	5	-	-	119	119	179	179	60	60	60						
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	1	7	8	8	6	14	-	-	60	698	758	758	60	100	95						
TOTAL OR AVERAGE, MINING:																							
FLORIDA-----	-	-	-	1	5	5	5	-	-	-	579	579	579	-	116	116	116						
IDAHO-----	-	-	1	2	3	3	3	5	-	-	119	119	179	179	60	60	60						
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	1	7	8	8	6	14	-	-	60	698	758	758	60	100	95						
PROCESSING PLANTS:																							
FLORIDA-----	-	-	-	1	1	1	-	1	-	-	-	76	76	76	-	76	76						
NORTH CAROLINA-----	-	-	-	2	2	2	-	2	-	-	-	218	218	218	-	109	109						
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	294	294	294	-	98	98						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
FLORIDA-----	-	-	-	6	6	6	-	6	-	-	655	655	655	-	109	109	109						
IDAHO-----	-	-	1	2	3	3	2	5	-	60	119	179	179	60	60	60	60						
NORTH CAROLINA-----	-	-	-	2	2	2	1	3	-	-	218	218	218	218	109	109	109						
TOTAL OR AVERAGE-----	-	-	1	10	11	11	6	17	-	-	60	992	1,052	1,052	60	99	96						
OFFICE:																							
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
PHOSPHATE-CONTINUED: GRAND TOTAL OR AVERAGE:	-	-	-	6	6	6	6	-	-	-	655	655	655	-	109	109									
FLORIDA-----	-	-	1	2	3	2	2	5	8	60	119	179	179	60	60	60									
IDAHO-----	-	-	-	2	2	2	2	2	4	-	218	218	218	-	109	109	109								
NORTH CAROLINA-----	-	-	-	2	2	2	2	2	4	-	-	-	-	-	-	-									
TOTAL OR AVERAGE----	-	-	1	10	11	11	7	18	-	-	60	992	1,052	1,052	60	99	96								
POTASH:																									
UNDERGROUND MINES:																									
SURFACE AT UNDERGROUND:																									
NEW MEXICO-----	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8								
TOTAL OR AVERAGE----	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8								
TOTAL OR AVERAGE, UG:																									
NEW MEXICO-----	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8								
TOTAL OR AVERAGE----	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8								
TOTAL OR AVERAGE, MINING:																									
NEW MEXICO-----	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8								
TOTAL OR AVERAGE----	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8								
PROCESSING PLANTS:																									
NEW MEXICO-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1								
TOTAL OR AVERAGE----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1								
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																									
NEW MEXICO-----	-	-	-	3	3	3	1	4	-	-	-	17	17	17	-	6	6								
TOTAL OR AVERAGE----	-	-	-	3	3	3	1	4	-	-	-	17	17	17	-	6	6								
GRAND TOTAL OR AVERAGE:																									
NEW MEXICO-----	-	-	-	3	3	3	1	4	-	-	-	17	17	17	-	6	6								
TOTAL OR AVERAGE----	-	-	-	3	3	3	1	4	-	-	-	17	17	17	-	6	6								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
SALT:																									
UNDERGROUND MINES:																									
UNDERGROUND:																									
KANSAS-----	-	-	-	-	1	1	1	-	-	-	-	5	5	5	-	5	5								
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	1	2	-	-	5	5	5	-	5	5								
TOTAL OR AVERAGE, UG:																									
KANSAS-----	-	-	-	-	1	1	1	-	-	-	-	5	5	5	-	5	5								
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	1	2	-	-	5	5	5	-	5	5								
TOTAL OR AVERAGE, MINING:																									
KANSAS-----	-	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5								
LOUISIANA-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	1	2	-	-	5	5	5	-	5	5								
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																									
KANSAS-----	-	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5								
LOUISIANA-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	1	2	-	-	5	5	5	-	5	5								
GRAND TOTAL OR AVERAGE:																									
KANSAS-----	-	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5								
LOUISIANA-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE----	-	-	-	-	1	1	1	1	2	-	-	5	5	5	-	5	5								
SHALE:																									
SURFACE MINES:																									
OPEN PIT:																									
NEW YORK-----	1	-	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000							
TOTAL OR AVERAGE----	1	-	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000							
TOTAL OR AVERAGE, SURFACE:																									
NEW YORK-----	1	-	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000							
TOTAL OR AVERAGE----	1	-	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000							

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
SHALE-CONTINUED: TOTAL OR AVERAGE, MINING: NEW YORK-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000						
TOTAL OR AVERAGE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000						
TOTAL OR AVERAGE, ALL MINES AND PLANTS: NEW YORK-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000						
TOTAL OR AVERAGE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000						
GRAND TOTAL OR AVERAGE: NEW YORK-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000						
TOTAL OR AVERAGE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000						
SODIUM COMPOUNDS: UNDERGROUND MINES: SURFACE AT UNDERGROUND: WYOMING-----	-	-	-	1	1	1	4	5	-	-	-	2	2	2	-	2	2						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	4	5	-	-	-	2	2	2	-	2	2						
TOTAL OR AVERAGE, UG: WYOMING-----	-	-	-	1	1	1	4	5	-	-	-	2	2	2	-	2	2						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	4	5	-	-	-	2	2	2	-	2	2						
TOTAL OR AVERAGE, MINING: WYOMING-----	-	-	-	1	1	1	4	5	-	-	-	2	2	2	-	2	2						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	4	5	-	-	-	2	2	2	-	2	2						
PROCESSING PLANTS: WYOMING-----	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50						
TOTAL OR AVERAGE-----	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50						
TOTAL OR AVERAGE, ALL MINES AND PLANTS: WYOMING-----	-	-	1	1	2	2	4	6	-	-	50	2	52	52	50	2	26						
TOTAL OR AVERAGE-----	-	-	1	1	2	2	4	6	-	-	50	2	52	52	50	2	26						

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
SODIUM COMPOUNDS-CONTINUED: GRAND TOTAL OR AVERAGE: WYOMING-----	-	-	1	1	2	2	4	6	-	-	50	2	52	52	50	2	26								
TOTAL OR AVERAGE-----	-	-	1	1	2	2	4	6	-	-	50	2	52	52	50	2	26								
TALC-SOAPSTONE: PROCESSING PLANTS: MONTANA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE, ALL MINES AND PLANTS: MONTANA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
GRAND TOTAL OR AVERAGE: MONTANA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-								
WOLLASTONITE-STAUROLITE: SURFACE MINES: OPEN PIT: GEORGIA-----	-	-	-	1	1	1	-	1	-	-	23	23	23	-	23	23	23								
WYOMING-----	-	-	-	2	2	2	-	2	-	-	114	114	114	-	57	57	57								
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	137	137	137	-	46	46	46								
TOTAL OR AVERAGE, SURFACE: GEORGIA-----	-	-	-	1	1	1	-	1	-	-	23	23	23	-	23	23	23								
WYOMING-----	-	-	-	2	2	2	-	2	-	-	114	114	114	-	57	57	57								
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	137	137	137	-	46	46	46								
TOTAL OR AVERAGE, MINING: GEORGIA-----	-	-	-	1	1	1	-	1	-	-	23	23	23	-	23	23	23								
WYOMING-----	-	-	-	2	2	2	-	2	-	-	114	114	114	-	57	57	57								
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	137	137	137	-	46	46	46								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
WOLASTNITE-STAUROLITE-CONTINUOUS: PROCESSING PLANTS:	-	-	-	5	5	5	2	7	-	-	-	270	270	270	-	54	54						
GEORGIA-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22						
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE---	-	-	-	6	6	6	2	8	-	-	-	292	292	292	-	49	49						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:	-	-	-	6	6	6	2	8	-	-	-	293	293	293	-	49	49						
GEORGIA-----	-	-	-	3	3	3	-	3	-	-	-	136	136	136	-	45	45						
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE---	-	-	-	9	9	9	2	11	-	-	-	429	429	429	-	48	48						
GRAND TOTAL OR AVERAGE:	-	-	-	6	6	6	2	8	-	-	-	293	293	293	-	49	49						
GEORGIA-----	-	-	-	3	3	3	-	3	-	-	-	136	136	136	-	45	45						
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE---	-	-	-	9	9	9	2	11	-	-	-	429	429	429	-	48	48						
OTHER NONMETAL, NEC:																							
SURFACE MINES:																							
OPEN PIT:																							
CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	31	31	31	-	16	16						
OREGON-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152						
TOTAL OR AVERAGE---	-	-	-	3	3	3	-	3	-	-	-	183	183	183	-	61	61						
TOTAL OR AVERAGE, SURFACE:	-	-	-	2	2	2	-	2	-	-	-	31	31	31	-	16	16						
CALIFORNIA-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152						
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE---	-	-	-	3	3	3	-	3	-	-	-	183	183	183	-	61	61						
TOTAL OR AVERAGE, MINING:	-	-	-	2	2	2	-	2	-	-	-	31	31	31	-	16	16						
CALIFORNIA-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152						
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE---	-	-	-	3	3	3	-	3	-	-	-	183	183	183	-	61	61						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:	-	-	-	2	2	2	-	2	-	-	-	31	31	31	-	16	16						
CALIFORNIA-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152						
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE---	-	-	-	3	3	3	-	3	-	-	-	183	183	183	-	61	61						

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
OTHER NONMETS NEC-CONTINUED: GRAND TOTAL OR AVERAGE:																									
CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	31	31	-	16	16									
OREGON-----	-	-	-	1	1	1	-	1	-	-	-	152	152	-	152	152									
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	183	183	-	61	61									
ALL NONMETALLIC MINERALS: UNDERGROUND MINES:																									
UNDERGROUND:																									
KANSAS-----	-	-	-	1	1	1	-	1	-	-	-	5	5	-	5	5									
LOUISIANA-----	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-									
UTAH-----	-	-	-	1	1	1	-	1	-	-	-	38	38	-	38	38									
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	43	43	-	22	22									
SURFACE AT UNDERGROUND:																									
NEW MEXICO-----	-	-	-	2	2	2	1	3	-	-	-	16	16	-	8	8									
UTAH-----	-	-	-	1	1	1	-	1	-	-	-	122	122	-	122	122									
WYOMING-----	-	-	-	1	1	1	4	5	-	-	-	2	2	-	2	2									
TOTAL OR AVERAGE-----	-	-	-	4	4	4	5	9	-	-	-	140	140	-	35	35									
TOTAL OR AVERAGE, UG:																									
KANSAS-----	-	-	-	1	1	1	-	1	-	-	-	5	5	-	5	5									
LOUISIANA-----	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-									
NEW MEXICO-----	-	-	-	2	2	2	1	3	-	-	-	16	16	-	8	8									
UTAH-----	-	-	-	2	2	2	-	2	-	-	-	160	160	-	80	80									
WYOMING-----	-	-	-	1	1	1	4	5	-	-	-	2	2	-	2	2									
TOTAL OR AVERAGE-----	-	-	-	6	6	6	6	12	-	-	-	183	183	-	30	30									
SURFACE MINES:																									
OPEN PIT:																									
CALIFORNIA-----	-	-	-	4	4	4	-	4	-	-	-	146	146	-	36	36									
FLORIDA-----	-	-	-	4	4	4	-	4	-	-	-	532	532	-	133	133									
GEORGIA-----	-	-	-	5	5	5	-	5	-	-	-	383	383	-	77	77									
IDAHO-----	-	-	-	1	2	3	3	5	8	-	60	119	179	179	60	60									
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	-	2	2									
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	25	25	-	25	25									
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
NEW YORK-----	1	-	-	-	-	-	1	1	6,000	-	-	-	-	-	6,000	-	6,000								
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-									
OREGON-----	-	-	-	1	1	1	-	1	-	-	-	152	152	-	152	152									
WYOMING-----	-	-	-	2	2	2	-	2	-	-	-	114	114	-	57	57									
TOTAL OR AVERAGE-----	1	-	1	20	21	22	10	32	6,000	-	60	1,473	1,533	7,533	60	74	342								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY										
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL NFDL	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY														
		TOTAL	PARTIAL						TOTAL	PARTIAL															
ALL NONMETALLIC-CONTINUED: DREDGE: FLORIDA-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	-	47	47								
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	-	47	47								
TOTAL OR AVERAGE, SURFACE:																									
CALIFORNIA-----	-	-	-	4	4	4	-	4	-	-	-	146	146	146	-	36	36								
FLORIDA-----	-	-	-	5	5	5	-	5	-	-	-	579	579	579	-	116	116								
GEORGIA-----	-	-	-	5	5	5	-	5	-	-	-	383	383	383	-	77	77								
IDAHO-----	-	-	-	1	2	3	3	5	8	-	-	60	119	179	60	60	60								
IAWA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2								
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25								
MISSOURI-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-								
NEVADA-----	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-								
NEW YORK-----	1	-	-	-	-	-	-	1	1	6,000	-	-	-	-	6,000	-	6,000								
NORTH CAROLINA-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-								
OREGON-----	-	-	-	-	-	-	-	1	1	-	-	152	152	152	-	152	152								
WYOMING-----	-	-	-	2	2	2	-	2	-	-	-	114	114	114	-	57	57								
TOTAL OR AVERAGE-----	1	-	1	21	22	23	10	33	6,000	-	60	1,520	1,580	7,580	60	72	330								
TOTAL OR AVERAGE, MINING:																									
CALIFORNIA-----	-	-	-	4	4	4	-	4	-	-	-	146	146	146	-	36	36								
FLORIDA-----	-	-	-	5	5	5	-	5	-	-	-	579	579	579	-	116	116								
GEORGIA-----	-	-	-	5	5	5	-	5	-	-	-	383	383	383	-	77	77								
IDAHO-----	-	-	-	1	2	3	3	5	8	-	-	60	119	179	60	60	60								
IAWA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2								
KANSAS-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5								
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25								
LOUISIANA-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-								
MISSOURI-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-								
NEVADA-----	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-								
NEW MEXICO-----	-	-	-	2	2	2	1	3	-	-	-	16	16	16	-	8	8								
NEW YORK-----	1	-	-	-	-	-	1	1	6,000	-	-	-	-	-	6,000	-	6,000								
NORTH CAROLINA-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-								
OREGON-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152								
UTAH-----	-	-	-	2	2	2	-	2	-	-	-	160	160	160	-	80	80								
WYOMING-----	-	-	-	3	3	3	4	7	-	-	-	116	116	116	-	39	39								
TOTAL OR AVERAGE-----	1	-	1	27	28	29	16	45	6,000	-	60	1,703	1,763	7,763	60	63	268								

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
ALL NONMETALLIC-CONTINUED: PROCESSING PLANTS:	-	-	-	1	1	1	1	-	1	-	-	36	36	-	36	36							
CALIFORNIA-----	-	-	-	1	1	1	1	-	1	-	-	76	76	-	76	76							
FLORIDA-----	-	-	-	5	5	5	5	-	8	-	-	270	270	-	54	54							
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
NEVADA-----	-	-	-	1	1	1	1	-	3	-	-	5	5	-	5	5							
NEW MEXICO-----	-	-	-	1	1	1	1	-	1	-	-	1	1	-	1	1							
NORTH CAROLINA-----	-	-	-	2	2	2	2	-	2	-	-	218	218	218	109	109							
WYOMING-----	-	-	1	1	2	2	2	-	2	-	-	50	22	72	50	109							
TOTAL OR AVERAGE-----	-	-	1	12	13	13	6	19	-	-	50	628	678	678	50	52							
TOTAL OR AVERAGE, ALL MINES AND PLANTS:	-	-	-	5	5	5	5	-	5	-	-	182	182	182	-	36							
CALIFORNIA-----	-	-	-	6	6	6	6	-	6	-	-	655	655	655	-	109							
FLORIDA-----	-	-	-	10	10	10	10	-	13	-	-	653	653	653	-	109							
GEORGIA-----	-	-	-	1	2	3	3	-	8	-	-	653	653	653	-	65							
IDAHO-----	-	-	-	1	1	1	1	-	1	-	-	119	119	119	60	60							
IAWA-----	-	-	-	1	1	1	1	-	1	-	-	2	2	2	-	2							
KANSAS-----	-	-	-	1	1	1	1	-	1	-	-	5	5	5	-	5							
KENTUCKY-----	-	-	-	1	1	1	1	-	1	-	-	25	25	25	-	25							
LOUISIANA-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-							
MISSOURI-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-							
MONTANA-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-							
NEVADA-----	-	-	-	1	1	1	1	-	6,000	-	-	-	-	-	-	-							
NEW MEXICO-----	-	-	-	3	3	3	3	-	4	-	-	17	17	17	-	6							
NEW YORK-----	1	-	-	-	-	1	1	-	1	-	-	-	-	-	-	6,000							
NORTH CAROLINA-----	-	-	-	2	2	2	2	-	3	-	-	218	218	218	-	109							
OREGON-----	-	-	-	1	1	1	1	-	1	-	-	152	152	152	-	152							
UTAH-----	-	-	-	2	2	2	2	-	2	-	-	160	160	160	-	80							
WYOMING-----	-	-	1	4	5	5	4	-	9	-	-	50	138	188	50	38							
TOTAL OR AVERAGE-----	1	-	2	39	41	42	22	64	6,000	-	110	2,331	2,441	8,441	55	60							
OFFICE:																							
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-							
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-							

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR TYPE OF MINERAL, WORK LOCATION, AND STATE
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

TYPE OF MINERAL, WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY									
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY													
		TOTAL	PARTIAL						TOTAL	PARTIAL														
ALL NONMETALLIC-CONTINUED: GRAND TOTAL OR AVERAGE:																								
CALIFORNIA-----	-	-	-	5	5	5	-	5	-	-	-	182	182	182	-	36	36							
FLORIDA-----	-	-	6	6	6	6	-	6	-	-	-	655	655	655	-	109	109							
GEORGIA-----	-	-	10	10	10	3	13	-	-	-	-	653	653	653	-	65	65							
IDAHO-----	-	-	1	2	3	3	5	8	-	-	60	119	179	179	60	60	60							
IOWA-----	-	-	1	1	1	1	-	1	-	-	-	2	2	2	-	2	2							
KANSAS-----	-	-	1	1	1	1	-	1	-	-	-	5	5	5	-	5	5							
KENTUCKY-----	-	-	1	1	1	1	-	1	-	-	-	25	25	25	-	25	25							
LOUISIANA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-							
MISSOURI-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-							
MONTANA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-							
NEVADA-----	-	-	1	1	1	5	6	-	-	-	-	5	5	5	-	5	5							
NEW MEXICO-----	-	-	3	3	3	1	4	-	-	-	-	17	17	17	-	6	6							
NEW YORK-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000							
NORTH CAROLINA-----	-	-	2	2	2	2	4	-	-	-	-	218	218	218	-	109	109							
OREGON-----	-	-	1	1	1	1	-	1	-	-	-	152	152	152	-	152	152							
UTAH-----	-	-	2	2	2	2	-	2	-	-	-	160	160	160	-	80	80							
WYOMING-----	-	-	1	4	5	5	4	9	-	-	50	138	188	188	50	34	38							
TOTAL OR AVERAGE----	1	-	2	39	41	42	23	65	6,000	-	110	2,331	2,441	8,441	55	60	201							

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
UNDERGROUND MINES:																							
UNDERGROUND:																							
FINGER(S)-----	-	-	-	-	-	1	1	1	-	-	-	38	38	38	-	38	38						
BACK-----	-	-	-	1	1	1	1	-	1	-	-	5	5	5	-	5	5						
PELVIC REGION-----	-	-	-	1	1	1	1	-	1	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	43	43	43	-	22	22						
SURFACE AT UNDERGROUND:																							
HAND-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10						
FINGER(S)-----	-	-	-	1	1	1	2	3	-	-	-	2	2	2	-	2	2						
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6						
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
BODY SYSTEMS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
MULTIPLE PARTS OF BODY--	-	-	-	1	1	1	1	2	-	-	-	122	122	122	-	122	122						
TOTAL OR AVERAGE-----	-	-	-	4	4	4	5	9	-	-	-	140	140	140	-	35	35						
TOTAL OR AVERAGE, UG:																							
HAND-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10						
FINGER(S)-----	-	-	-	1	1	1	3	4	-	-	-	2	2	2	-	2	2						
BACK-----	-	-	-	1	1	1	-	1	-	-	-	38	38	38	-	38	38						
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5						
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6						
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
BODY SYSTEMS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
MULTIPLE PARTS OF BODY--	-	-	-	1	1	1	1	2	-	-	-	122	122	122	-	122	122						
TOTAL OR AVERAGE-----	-	-	-	6	6	6	6	12	-	-	-	183	183	183	-	30	30						
SURFACE MINES:																							
OPEN PIT:																							
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	2	2	2	1	1	-	94	94	94	-	47	47						
ELBOW-----	-	-	-	-	-	2	2	2	-	1	1	-	-	-	-	-	-						
FOREARM-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-						
WRIST-----	-	-	-	2	2	2	-	2	-	-	-	171	171	171	-	86	86						
HAND-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25						
FINGER(S)-----	-	1	2	3	3	2	-	5	-	-	-	60	26	86	60	13	29						
UPPER EXTREMITIES, NEC--	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
ABDOMEN-----	-	-	-	1	1	1	-	1	1	-	-	19	19	19	-	19	19						
BACK-----	-	-	-	2	2	2	1	3	-	-	-	446	446	446	-	223	223						
SHOULDER(S)-----	-	-	-	4	4	4	2	6	-	-	-	407	407	407	-	102	102						
TRUNK, NEC-----	-	-	-	2	2	2	-	2	-	-	-	143	143	143	-	72	72						
ANKLE-----	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49						
FOOT-----	-	-	-	1	1	1	1	2	-	-	-	50	50	50	-	50	50						
MULTIPLE PARTS OF BODY--	1	-	-	2	2	3	1	4	6,000	-	-	43	43	6,043	-	22	2,014						
TOTAL OR AVERAGE-----	1	-	1	20	21	22	10	32	6,000	-	-	60	1,473	1,533	7,533	60	74	342					

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	PERMA- NENT PARTIAL	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
DREDGE:																							
MULTIPLE PARTS OF BODY--	-	-	-	1	1	1	-	1	-	-	-	47	47	47	-	47	47						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	-	47	47						
TOTAL OR AVERAGE, SURFACE:																							
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	94	94	94	-	47	47						
ELBOW-----	-	-	-	2	2	2	-	2	-	-	-	94	94	94	-	47	47						
FOREARM-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	86	86						
Wrist-----	-	-	-	2	2	2	-	2	-	-	-	171	171	171	-	86	86						
HAND-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25						
FINGER(S)-----	-	1	2	3	3	2	-	5	-	-	-	60	26	86	60	13	29						
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19						
BACK-----	-	-	-	2	2	2	-	1	3	-	-	446	446	446	-	223	223						
SHOULDER(S)-----	-	-	-	4	4	4	-	2	6	-	-	407	407	407	-	102	102						
TRUNK, NEC-----	-	-	-	2	2	2	-	2	-	-	-	143	143	143	-	72	72						
ANKLE-----	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49						
FOOT-----	-	-	-	1	1	1	-	1	2	-	-	50	50	50	-	50	50						
MULTIPLE PARTS OF BODY-----	1	-	-	3	3	4	-	1	5	6,000	-	-	90	90	6,090	-	30	1,522					
TOTAL OR AVERAGE-----	1	-	1	21	22	23	10	33	6,000	-	60	1,520	1,580	7,580	60	72	330						
TOTAL OR AVERAGE, MINING:																							
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	94	94	94	-	47	47						
ELBOW-----	-	-	-	2	2	2	-	2	-	-	-	94	94	94	-	47	47						
FOREARM-----	-	-	-	-	-	-	1	1	-	-	-	171	171	171	-	86	86						
Wrist-----	-	-	-	2	2	2	-	2	-	-	-	35	35	35	-	18	18						
FINGER(S)-----	-	1	3	4	4	5	-	9	-	-	-	60	28	88	60	9	22						
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
ABDOMEN-----	-	-	-	1	1	1	-	1	1	-	-	19	19	19	-	19	19						
BACK-----	-	-	-	3	3	3	-	1	4	-	-	484	484	484	-	161	161						
PELVIC REGION-----	-	-	-	1	1	1	-	1	1	-	-	5	5	5	-	5	5						
SHOULDER(S)-----	-	-	-	5	5	5	-	2	7	-	-	413	413	413	-	83	83						
TRUNK, NEC-----	-	-	-	2	2	2	-	2	2	-	-	143	143	143	-	72	72						
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
ANKLE-----	-	-	-	1	1	1	-	1	1	-	-	49	49	49	-	49	49						
FOOT-----	-	-	-	1	1	1	-	1	2	-	-	50	50	50	-	50	50						
BODY SYSTEMS-----	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-						
MULTIPLE PARTS OF BODY-----	1	-	-	4	4	5	-	2	7	6,000	-	-	212	212	6,212	-	53	1,242					
TOTAL OR AVERAGE-----	1	-	1	27	28	29	16	45	6,000	-	60	1,703	1,763	7,763	60	63	268						

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES						FATAL	LOST WORKDAYS						AVERAGE SEVERITY									
	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY							
	PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY				TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY							
	TOTAL	PARTIAL	TOTAL NFDL	TOTAL				PARTIAL															
PROCESSING PLANTS:																							
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
FACE, NEC-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
HEAD, NEC-----	-	-	1	1	1	-	1	-	-	-	1	1	1	1	1	1	1						
ELBOW-----	-	-	1	1	1	-	1	-	-	-	82	82	82	82	82	82	82						
WRIST-----	-	-	1	1	1	-	1	-	-	-	14	14	14	14	14	14	14						
FINGER(S)-----	-	-	1	1	1	-	3	-	-	-	36	36	36	36	36	36	36						
BACK-----	-	-	1	1	1	-	1	-	-	-	5	5	5	5	5	5	5						
PELVIC REGION-----	-	-	1	-	1	-	1	-	-	50	-	50	50	50	50	50	50						
THIGH-----	-	-	1	1	1	-	1	-	-	-	11	11	11	11	11	11	11						
KNEE-----	-	-	1	1	1	-	1	-	-	-	22	22	22	22	22	22	22						
LOWER LEG-----	-	-	2	2	2	-	3	-	-	-	337	337	337	337	337	337	337						
ANKLE-----	-	-	2	2	2	-	2	-	-	-	86	86	86	86	86	86	86						
FOOT-----	-	-	1	1	1	-	1	-	-	-	34	34	34	34	34	34	34						
LOWER EXTREMITIES, NEC-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	1	12	13	13	6	19	-	-	50	628	678	678	50	52	52						

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES						FATAL	LOST WORKDAYS						AVERAGE SEVERITY			
	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL			
	PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY							
	TOTAL	PARTIAL	TOTAL NFDL			TOTAL		PARTIAL									
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	
FACE, NEC-----	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	
HEAD, NEC-----	-	-	3	3	3	-	1	-	1	-	1	1	1	1	1	1	
ELBOW-----	-	-	-	3	3	3	-	1	1	-	-	-	-	-	59	59	
FOREARM-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WRIST-----	-	-	3	3	3	-	3	-	-	-	185	185	185	-	62	62	
HAND-----	-	-	2	2	2	-	2	-	-	-	35	35	35	-	18	18	
FINGER(S)-----	1	4	5	5	7	12	-	-	-	60	64	124	124	60	16	25	
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ABDOMEN-----	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19	
BACK-----	-	-	4	4	4	-	5	-	-	-	489	489	489	-	122	122	
PELVIC REGION-----	1	1	2	2	2	-	2	-	-	50	5	55	55	50	5	28	
SHOULDER(S)-----	-	-	5	5	5	-	2	-	-	-	413	413	413	-	83	83	
TRUNK, NEC-----	-	-	2	2	2	-	2	-	-	-	143	143	143	-	72	72	
THIGH-----	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11	
KNEE-----	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22	
LOWER LEG-----	-	-	2	2	2	-	4	-	-	-	337	337	337	-	168	168	
ANKLE-----	-	-	3	3	3	-	3	-	-	-	135	135	135	-	45	45	
FOOT-----	-	-	2	2	2	-	3	-	-	-	84	84	84	-	42	42	
LOWER EXTREMITIES, NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BODY SYSTEMS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MULTIPLE PARTS OF BODY-----	1	-	-	4	4	5	2	7	6,000	-	-	212	212	6,212	-	53	1,242
TOTAL OR AVERAGE-----	1	-	2	39	41	42	22	64	6,000	-	110	2,331	2,441	8,441	55	60	201
OFFICE:																	
FINGER(S)-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
GRAND TOTAL OR AVERAGE:																							
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
FACE, NEC-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-						
HEAD, NEC-----	-	-	1	1	1	-	1	1	-	-	1	1	1	1	1	1	1						
ELBOW-----	-	-	3	3	3	-	3	3	-	-	176	176	176	-	59	59	-						
FOREARM-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
WRIST-----	-	-	3	3	3	-	3	3	-	-	185	185	185	-	62	62	-						
HAND-----	-	-	-	-	-	-	2	2	-	-	35	35	35	-	18	18	-						
FINGER(S)-----	-	1	4	5	5	8	13	13	-	60	64	124	124	60	16	25	-						
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-						
ABDOMEN-----	-	-	1	1	1	1	1	1	-	-	19	19	19	-	19	19	-						
BACK-----	-	-	4	4	4	1	5	5	-	-	489	489	489	-	122	122	-						
PELVIC REGION-----	-	1	1	2	2	2	2	2	-	50	5	55	55	50	5	28	-						
SHOULDER(S)-----	-	-	5	5	5	2	7	7	-	-	413	413	413	-	83	83	-						
TRUNK, NEC-----	-	-	2	2	2	2	2	2	-	-	143	143	143	-	72	72	-						
THIGH-----	-	-	1	1	1	1	1	1	-	-	11	11	11	-	11	11	-						
KNEE-----	-	-	1	1	1	1	1	1	-	-	22	22	22	-	22	22	-						
LOWER LEG-----	-	-	2	2	2	2	2	4	-	-	337	337	337	-	168	168	-						
ANKLE-----	-	-	3	3	3	3	3	3	-	-	135	135	135	-	45	45	-						
FOOT-----	-	-	2	2	2	2	1	3	-	-	84	84	84	-	42	42	-						
LOWER EXTREMITIES, NEC-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-						
BODY SYSTEMS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
MULTIPLE PARTS OF BODY-----	1	-	-	4	4	5	2	7	6,000	-	212	212	6,212	-	53	1,242	-						
TOTAL OR AVERAGE-----	1	-	2	39	41	42	23	65	6,000	-	110	2,331	2,441	8,441	55	60	201	-					

TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
UNDERGROUND MINES:																							
UNDERGROUND:																							
CUT OR PUNCTURE-----	-	-	-	-	2	2	2	1	1	-	-	43	43	43	-	22	22						
STRAIN/SPRAIN-----	-	-	-	-	2	2	2	-	2	-	-	43	43	43	-	22	22						
TOTAL OR AVERAGE-----	-	-	-	-	2	2	2	1	3	-	-	43	43	43	-	22	22						
SURFACE AT UNDERGROUND:																							
CUT OR PUNCTURE-----	-	-	-	-	1	1	1	2	3	-	-	10	10	10	-	10	10						
ELECTRIC SHOCK-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-						
STRAIN/SPRAIN-----	-	-	-	-	2	2	2	-	2	-	-	8	8	8	-	4	4						
MULTIPLE INJURIES-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-						
UNCLASSIFIED (NO DATA)---	-	-	-	-	1	1	1	-	1	-	-	122	122	122	-	122	122						
TOTAL OR AVERAGE-----	-	-	-	-	4	4	4	5	9	-	-	140	140	140	-	35	35						
TOTAL OR AVERAGE, UG:																							
CUT OR PUNCTURE-----	-	-	-	-	1	1	1	3	4	-	-	10	10	10	-	10	10						
ELECTRIC SHOCK-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-						
STRAIN/SPRAIN-----	-	-	-	-	4	4	4	-	4	-	-	51	51	51	-	13	13						
MULTIPLE INJURIES-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-						
UNCLASSIFIED (NO DATA)---	-	-	-	-	1	1	1	-	1	-	-	122	122	122	-	122	122						
TOTAL OR AVERAGE-----	-	-	-	-	6	6	6	6	12	-	-	183	183	183	-	30	30						
SURFACE MINES:																							
OPEN PIT:																							
AMPUTATION/ENUCLEATION--	-	-	1	-	1	1	1	-	1	-	60	-	60	60	60	-	60						
BURN/SCALD (NOT CHEM.)--	-	-	-	1	1	1	1	-	1	-	3	3	3	3	3	3	3						
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	1	2	-	47	47	47	47	47	47	47						
CUT OR PUNCTURE-----	-	-	-	3	3	3	3	3	6	-	-	67	67	67	67	22	22						
FRACTURE-----	-	-	-	4	4	4	4	2	6	-	-	334	334	334	334	84	84						
STRAIN/SPRAIN-----	-	-	-	8	8	8	8	3	11	-	-	924	924	924	924	116	116						
MULTIPLE INJURIES-----	1	-	-	1	1	2	2	1	2	6,000	-	-	2	2	6,002	2	3,001						
UNCLASSIFIED (NO DATA)---	-	-	-	2	2	2	2	1	3	-	-	96	96	96	96	48	48						
TOTAL OR AVERAGE-----	1	-	1	20	21	22	10	32	6,000	-	60	1,473	1,533	7,533	60	74	342						
DREDGE:																							
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	47	47	47						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	47	47	47						

TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	PERMA- NENT PARTIAL	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, SURFACE:																							
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	60	-	60	60	-	60	60						
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	3	3	3	3	-	3	3						
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	-	-	47	47	47	47	-	47	47						
CUT OR PUNCTURE-----	-	-	-	3	3	3	3	6	-	-	67	67	67	67	-	22	22						
FRACTURE-----	-	-	-	4	4	4	2	6	-	-	334	334	334	334	-	84	84						
STRAIN/SPRAIN-----	-	-	-	8	8	8	3	11	-	-	924	924	924	924	-	116	116						
MULTIPLE INJURIES-----	1	-	-	8	2	2	3	-	3	-	49	49	6,049	-	-	24	2,016						
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	1	3	-	-	96	96	-	-	-	48	48						
TOTAL OR AVERAGE-----	1	-	1	21	22	23	10	33	6,000	-	60	1,520	1,580	7,580	60	72	330						
TOTAL OR AVERAGE, MINING:																							
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	60	-	60	60	-	-	60						
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	3	3	3	3	-	3	3						
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	-	-	47	47	47	47	-	47	47						
CUT OR PUNCTURE-----	-	-	-	4	4	4	6	10	-	-	77	77	77	77	-	19	19						
ELECTRIC SHOCK-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	-	4	4	4	3	7	-	-	334	334	334	334	-	84	84						
STRAIN/SPRAIN-----	-	-	-	12	12	12	3	15	-	-	975	975	975	975	-	81	81						
MULTIPLE INJURIES-----	1	-	-	2	2	3	1	4	6,000	-	-	49	49	6,049	-	24	2,016						
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	1	4	-	-	218	218	218	218	-	73	73						
TOTAL OR AVERAGE-----	1	-	1	27	28	29	16	45	6,000	-	60	1,703	1,763	7,763	60	63	268						
PROCESSING PLANTS:																							
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	-	1	-	-	1	1	1	1	-	1	1						
CONTUSION OR BRUISE-----	-	-	-	-	1	1	1	4	5	-	-	11	11	11	-	11	11						
CUT OR PUNCTURE-----	-	-	-	5	5	5	-	5	-	-	483	483	483	483	-	97	97						
FRACTURE-----	-	-	-	1	-	1	-	1	-	-	50	-	50	50	50	-	50						
HERNIA (NOT DISC)-----	-	-	-	5	5	5	-	5	-	-	133	133	133	133	-	27	27						
SCRATCH/ABRASION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
STRAIN/SPRAIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	1	12	13	13	6	19	-	-	50	628	678	678	50	52	52						

TABLE 11. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	60	-	60	60	-	60	60						
BURN/SCALD (NOT CHEM.)-----	-	-	1	1	1	1	-	1	-	-	3	3	3	3	3	3	3						
CONCUSSION (CEREBRAL)-----	-	-	1	1	1	1	-	1	-	-	1	1	1	1	1	1	1						
CONTUSION OR BRUISE-----	-	-	1	1	1	1	2	3	-	-	47	47	47	47	47	47	47						
CUT OR PUNCTURE-----	-	-	5	5	5	10	15	-	-	-	88	88	88	88	88	18	18						
ELECTRIC SHOCK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	9	9	9	3	12	-	-	-	817	817	817	817	817	91	91						
HERNIA (NOT DISC)-----	-	1	-	1	1	1	-	1	-	-	50	-	50	50	50	-	50						
SCRATCH/ABRASION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
STRAIN/SPRAIN-----	-	-	17	17	17	3	20	-	-	-	1,108	1,108	1,108	1,108	1,108	65	65						
MULTIPLE INJURIES-----	1	-	2	2	3	1	4	6,000	-	-	49	49	6,049	-	-	24	2,016						
UNCLASSIFIED (NO DATA)-----	-	-	3	3	3	1	4	-	-	-	218	218	218	218	-	73	73						
TOTAL OR AVERAGE-----	1	-	2	39	41	42	22	64	6,000	-	110	2,331	2,441	8,441	55	60	201						
OFFICE:																							
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
GRAND TOTAL OR AVERAGE:																							
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	60	-	60	60	-	60	60						
BURN/SCALD (NOT CHEM.)-----	-	-	1	1	1	1	-	1	-	-	3	3	3	3	3	3	3						
CONCUSSION (CEREBRAL)-----	-	-	1	1	1	1	-	1	-	-	1	1	1	1	1	1	1						
CONTUSION OR BRUISE-----	-	-	1	1	1	1	2	3	-	-	47	47	47	47	47	47	47						
CUT OR PUNCTURE-----	-	-	5	5	5	10	15	-	-	-	88	88	88	88	88	18	18						
ELECTRIC SHOCK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	9	9	9	4	13	-	-	-	817	817	817	817	817	91	91						
HERNIA (NOT DISC)-----	-	1	-	1	1	1	-	1	-	-	50	-	50	50	50	-	50						
SCRATCH/ABRASION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
STRAIN/SPRAIN-----	-	-	17	17	17	3	20	-	-	-	1,108	1,108	1,108	1,108	1,108	65	65						
MULTIPLE INJURIES-----	1	-	2	2	3	1	4	6,000	-	-	49	49	6,049	-	-	24	2,016						
UNCLASSIFIED (NO DATA)-----	-	-	3	3	3	1	4	-	-	-	218	218	218	218	-	73	73						
TOTAL OR AVERAGE-----	1	-	2	39	41	42	23	65	6,000	-	110	2,331	2,441	8,441	55	60	201						

TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES							FATAL	LOST WORKDAYS							AVERAGE SEVERITY									
	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES		NFDL				TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL									
	PERMANENT		TEMPO- RARY	TOTAL NFDL					PERMANENT		TEMPO- RARY	TOTAL NFDL													
	TOTAL	PARTIAL							TOTAL	PARTIAL															
MOUTH/TEETH/TONGUE: CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-							
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-							
TOTAL OR AVERAGE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-							
FACE, NEC: CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-							
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-							
HEAD, NEC: CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1	1							
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1	1							
ELBOW: STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	110	110	110	-	55	55	55							
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	66	66	66	-	66	66	66							
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	176	176	176	-	59	59	59							
FOREARM: CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-							
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-							
WRIST: FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	171	171	171	-	86	86	86							
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14	14							
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	185	185	185	-	62	62	62							
HAND: CUT OR PUNCTURE-----	-	-	-	2	2	2	-	2	-	-	-	35	35	35	-	18	18	18							
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	35	35	35	-	18	18	18							
FINGER(S): AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	60	-	60	60	-	60	60	60							
BURN/SCALD (NOT CHEM.)-----	-	-	1	1	1	1	-	1	-	-	3	3	3	-	3	3	3	3							
CUT OR PUNCTURE-----	-	-	1	1	1	1	-	6	7	-	-	23	23	23	-	23	23	23							
FRACTURE-----	-	-	1	1	1	1	-	2	3	-	-	36	36	36	-	36	36	36							
STRAIN/SPRAIN-----	-	-	1	1	1	1	-	1	-	-	2	2	2	-	2	2	2	2							
TOTAL OR AVERAGE-----	-	-	1	4	5	5	8	13	-	-	60	64	124	124	60	16	25								

TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
UPPER EXTREMITIES, NEC: CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
ABDOMEN: CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19						
BACK: STRAIN/SPRAIN-----	-	-	-	4	4	4	-	4	-	-	-	489	489	489	-	122	122						
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	122	122						
TOTAL OR AVERAGE-----	-	-	-	4	4	4	1	5	-	-	-	489	489	489	-	122	122						
PELVIC REGION: HERNIA (NOT DISC)-----	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50						
STRAIN/SPRAIN-----	-	-	1	1	1	1	-	1	-	-	5	5	5	5	5	-	5						
TOTAL OR AVERAGE-----	-	-	1	1	2	2	-	2	-	-	50	5	55	55	50	5	28						
SHOULDER(S): CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	-	47	47						
STRAIN/SPRAIN-----	-	-	-	4	4	4	2	6	-	-	366	366	366	-	92	92							
TOTAL OR AVERAGE-----	-	-	-	5	5	5	2	7	-	-	-	413	413	413	-	83	83						
TRUNK, NEC: FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	113	113	113	-	113	113						
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	143	143	143	-	72	72						
THIGH: CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11						
KNEE: STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22						

TABLE 12. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
LOWER LEG:																							
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	337	337	337	-	-	168	168					
FRACTURE-----	-	-	-	2	2	2	2	2	-	-	-	-	-	-	-	-	168	168					
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	168	168					
TOTAL OR AVERAGE-----	-	-	-	2	2	2	2	4	-	-	-	337	337	337	-	-	168	168					
ANKLE:																							
FRACTURE-----	-	-	-	1	1	1	2	2	-	-	-	76	76	76	-	-	76	76					
STRAIN/SPRAIN-----	-	-	-	2	2	2	2	2	-	-	-	59	59	59	-	-	30	30					
TOTAL OR AVERAGE-----	-	-	-	3	3	3	3	3	-	-	-	135	135	135	-	-	45	45					
FOOT:																							
FRACTURE-----	-	-	-	2	2	2	2	3	-	-	-	84	84	84	-	-	42	42					
TOTAL OR AVERAGE-----	-	-	-	2	2	2	2	3	-	-	-	84	84	84	-	-	42	42					
LOWER EXTREMITIES, NEC:																							
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-					
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-					
BODY SYSTEMS:																							
ELECTRIC SHOCK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-					
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-					
MULTIPLE PARTS OF BODY:																							
STRAIN/SPRAIN-----	-	-	-	1	1	1	1	2	-	-	-	41	41	41	-	-	41	41					
MULTIPLE INJURIES-----	1	-	-	2	2	3	1	1	-	-	-	49	49	49	6,049	-	24	2,016					
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	1	1	-	-	-	122	122	122	122	-	122	122					
TOTAL OR AVERAGE-----	1	-	-	4	4	5	2	7	6,000	-	-	212	212	212	6,212	-	53	1,242					
TOTAL OR AVERAGE:																							
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	1	1	-	-	60	-	60	60	60	-	-	60					
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	1	1	-	1	3	3	3	3	3	-	3	3					
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	1	1	-	-	1	1	1	1	1	-	1	1					
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	3	-	47	47	47	47	47	-	47	47					
CUT OR PUNCTURE-----	-	-	-	5	5	5	10	15	-	-	88	88	88	88	88	-	18	18					
ELECTRIC SHOCK-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-					
FRACTURE-----	-	-	-	9	9	9	4	13	-	-	817	817	817	817	817	-	91	91					
HERNIA (NOT DISC)-----	-	-	1	-	1	1	1	1	-	-	50	50	50	50	50	-	50	50					
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-					
STRAIN/SPRAIN-----	-	-	-	17	17	17	3	20	-	-	1,108	1,108	1,108	1,108	1,108	-	65	65					
MULTIPLE INJURIES-----	1	-	-	2	2	3	1	4	6,000	-	-	49	49	49	6,049	-	24	2,016					
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	1	4	-	-	218	218	218	218	218	-	73	73					
TOTAL OR AVERAGE-----	1	-	2	39	41	42	23	65	6,000	-	110	2,331	2,441	8,441	55	60	201						

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE						
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
UNDERGROUND MINES:																											
UNDERGROUND:																											
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-		
SURFACE AT UG:																											
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-		
WYOMING-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	
TOTAL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	1	1	-	-		
TOTAL UNDERGROUND:																											
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	
WYOMING-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	1	1	-	-		
TOTAL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	1	1	-	-		
SURFACE MINES:																											
OPEN PIT:																											
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	3	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5	-	4	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5	-	4	-	-	-	
DREDGE:																											
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL SURFACE:																											
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	3	-	-	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5	-	4	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5	-	4	-	-	-	-

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL	
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL
UNDERGROUND MINES:																																
UNDERGROUND:																																
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	
SURFACE AT UG:																																
NEW MEXICO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	
TOTAL-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	
TOTAL UNDERGROUND:																																
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
NEW MEXICO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	
TOTAL-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	
SURFACE MINES:																																
OPEN PIT:																																
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	
GEORGIA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
WYOMING-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
TOTAL-----	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	10	
DREDGE:																																
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
TOTAL SURFACE:																																
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	
GEORGIA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
TOTAL-----	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	10	

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE			
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL				
TOTAL MINING:																																		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
IDAHOD-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PROCESSING PLANTS:																																		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL MINES AND PLANTS:																																		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
OFFICE:																																		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL	
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL
TOTAL MINING:																																
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-				
IDAHOD-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5				
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-				
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-				
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-				
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4				
TOTAL-----	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	28	16			
PROCESSING PLANTS:																															1	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-					
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1					
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-					
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-					
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-					
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-					
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-					
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	6				
TOTAL MINES AND PLANTS:																															5	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-				
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	3					
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5					
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-					
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-					
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-					
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-					
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-					
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-					
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4					
TOTAL-----	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	22					
OFFICE:																															1	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
GRAND TOTAL:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WYOMING-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	11	-	2	6	

TABLE 13. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL	
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL
GRAND TOTAL:																																
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	
TOTAL-----	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	8	2	-	10	3	-	-	-	-	-	-	1	41	23	

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
UNDERGROUND MINES:																						
UNDERGROUND:																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-
SURFACE AT UG:																						
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	122	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132	-	2	-
TOTAL UNDERGROUND:																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	122	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	137	-	2	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SURFACE MINES:																						
OPEN PIT:																						
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	167	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	506	-	-	-
DREDGE:																						
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL SURFACE:																						
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	167	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	506	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
UNDERGROUND MINES:																						
UNDERGROUND:																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	38
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	-	43
SURFACE AT UG:																						
NEW MEXICO-----	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
TOTAL-----	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140
TOTAL UNDERGROUND:																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
NEW MEXICO-----	-	6	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	16
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
TOTAL-----	-	6	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	-	183
SURFACE MINES:																						
OPEN PIT:																						
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	-	-	146
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	376	-	156	-	-	-	-	-	-	-	532
GEORGIA-----	-	103	-	-	-	-	-	-	-	-	-	113	-	-	-	-	-	-	-	-	-	383
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-	-	-	179
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	-	25
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	152	-	-	-	-	-	-	-	6,000
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152
WYOMING-----	-	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	114
TOTAL-----	-	167	-	-	-	-	-	-	-	-	-	6,000	550	-	310	-	-	-	-	-	-	6,000
TOTAL-----	-	167	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,533
DREDGE:																						
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-	-	-	-	-	-	47
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-	-	-	-	-	-	47
TOTAL SURFACE:																						
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	-	-	146
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	376	-	203	-	-	-	-	-	-	-	579
GEORGIA-----	-	103	-	-	-	-	-	-	-	-	-	113	-	-	-	-	-	-	-	-	-	383
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-	-	-	179
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	-	25
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	152	-	-	-	-	-	-	-	6,000
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152
WYOMING-----	-	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	114
TOTAL-----	-	167	-	-	-	-	-	-	-	-	-	6,000	550	-	357	-	-	-	-	-	-	6,000
TOTAL-----	-	167	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,580

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLL- ING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL MINING:																						
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	167	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	2	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	643	-	2	-
PROCESSING PLANTS:																						
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	76	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	218	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	360	-	76	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL MINES AND PLANTS:																						
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	151	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	201	-	76	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	218	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	2	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,003	-	78	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL		
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	
TOTAL MINING:																							
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	-	-	-	146	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	376	-	-	-	-	-	-	-	-	-	-	579	
GEORGIA-----	-	103	-	-	-	-	-	-	-	-	113	-	-	-	-	-	-	-	-	-	-	383	
IDAHOD-----	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-	-	-	-	179	
IAWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	
NEW MEXICO-----	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152	
UTAH-----	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	-	-	160	
WYOMING-----	-	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	116	
TOTAL-----	-	173	-	-	-	-	-	-	-	-	6,000	588	-	357	-	-	-	-	-	-	-	6,000	1,763
PROCESSING PLANTS:																							
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	11	-	225	-	-	-	-	-	-	-	-	270	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	5	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	218	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	11	-	231	-	-	-	-	-	-	-	-	678	
TOTAL MINES AND PLANTS:																							
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	-	-	-	182	
FLORIDA-----	-	103	-	-	-	-	-	-	-	-	376	-	203	-	-	-	-	-	-	-	-	655	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	124	-	225	-	-	-	-	-	-	-	-	653	
IDAHOD-----	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-	-	-	-	179	
IAWA-----	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	5	
NEW MEXICO-----	-	6	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	17	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	38	-	152	-	-	-	-	-	-	-	-	218	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160	
WYOMING-----	-	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	188	
TOTAL-----	-	173	-	-	-	-	-	-	-	-	6,000	599	-	588	-	-	-	-	-	-	-	6,000	2,441

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLL- ING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	151	-	76	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	201	-	76	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	-	76	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	76	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	76	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	76	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	218	-	76	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	76	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	76	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	76	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,003	-	78	-	-

TABLE 14. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	-	-	-	182
FLORIDA-----											376	-	203	-	-	-	-	-	-	-	-	655
GEORGIA-----		103									124	-	225	-	-	-	-	-	-	-	-	653
IDAHO-----	-	-	-	-	-	-	-	-	-	-	30	-	2	-	-	-	-	-	-	-	-	179
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
NEW MEXICO-----	-	6	-	-	-	-	-	-	-	-	6,000	-	5	-	-	-	-	-	-	-	-	17
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	6,000
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	152	-	-	-	-	-	-	-	-	218
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152
UTAH-----	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	-	-	160
WYOMING-----	-	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	188
TOTAL-----	-	173	-	-	-	-	-	-	-	-	6,000	599	-	588	-	-	-	-	-	-	-	6,000
																						2,441

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE				
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL					
UNDERGROUND MINES:																																			
UNDERGROUND:																																			
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
SURFACE AT UG:																																			
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
SODIUM COMPOUNDS-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
TOTAL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	1	1	-				
TOTAL UNDERGROUND:																																			
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-				
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-				
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-				
SODIUM COMPOUNDS-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	1	1	-				
SURFACE MINES:																																			
OPEN PIT:																																			
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	1	-	-			
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-				
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-				
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-				
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	3	-	-	-				
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-				
WOLASTNI TE-STAU LIT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-				
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5	-	-	4	-	-				
DREDGE:																																			
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL SURFACE:																																			
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-			
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-				
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-				
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	3	-	-	-				
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	3	-	-	-				
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-				
WOLASTNI TE-STAU LIT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-				
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5	-	-	4	-	-				

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
UNDERGROUND MINES:																																	
UNDERGROUND:																																	
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	
SURFACE AT UG:																																	
GILSONITE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4	
TOTAL-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	5	
TOTAL UNDERGROUND:																																	
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	
POTASH-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4	
TOTAL-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	
SURFACE MINES:																																	
OPEN PIT:																																	
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	3	
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	
CLAY-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	1	
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	6	6	
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
WOLASTNI TE-STAUPLIT-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	
TOTAL-----	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	21	10	
DREDGE:																																	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
TOTAL SURFACE:																																	
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	3	
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	
CLAY-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1	
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	6	6	
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
WOLASTNI TE-STAUPLIT-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	
TOTAL-----	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	22	10	

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
TOTAL MINING:																																	
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-		
BORON-----																																	
CLAY-----																																	
GI LSONI TE-----																																	
MICA-----																																	
PHOSPHATE-----																																3	
POTASH-----																																1	
SALT-----																																	
SHALE-----																																	
SODIUM COMPOUNDS-----																																	
WOLASTNI TE-STAU LIT-----			1																														
OTHER NONMETAL NEC-----			-																														
TOTAL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	8	-	1	5	-	-			
PROCESSING PLANTS:																																	
BARI TE-----																																	
CLAY-----																																	
PHOSPHATE-----																																1	
POTASH-----																																	
SODIUM COMPOUNDS-----																																	
TALC-SOAPSTONE-----																																	
WOLASTNI TE-STAU LIT-----																																	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	1	1	-	-			
TOTAL, MINES AND PLANTS:																																	
BARI TE-----																																	
BORON-----																																	
CLAY-----																																	
GI LSONI TE-----																																	
MICA-----																																	
PHOSPHATE-----																																3	
POTASH-----																																1	
SALT-----																																	
SHALE-----																																	
SODIUM COMPOUNDS-----			1																														
TALC-SOAPSTONE-----			-																														
WOLASTNI TE-STAU LIT-----			-																														
OTHER NONMETAL NEC-----			-																														
TOTAL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	10	-	2	6	-	-			
OFFICE:																																	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-			
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-			

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL	
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL
TOTAL MINING:																															1	3
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	
BORON-----																														2	-	
CLAY-----		2																												4	1	
GI LSONITE-----																														2	-	
MICA-----																														1	-	
PHOSPHATE-----																														8	6	
POTASH-----		1																												2	1	
SALT-----																														1	1	
SHALE-----																														1	-	
SODIUM COMPOUNDS-----																														1	4	
WOLASTNITE-STAUlIT-----		1																												3	-	
OTHER NONMETAL NEC-----																														3	-	
TOTAL-----		4															1	7	1	-	5	1	-						1	28	16	
PROCESSING PLANTS:																																
BARI TE-----																														1	2	
CLAY-----																														1	1	
PHOSPHATE-----																														3	-	
POTASH-----																														1	-	
SODIUM COMPOUNDS-----																														1	-	
TALC-SOAPSTONE-----																														1	2	
WOLASTNITE-STAUlIT-----																														6	2	
TOTAL-----																														13	6	
TOTAL MINES AND PLANTS:																																
BARI TE-----																														2	5	
BORON-----																														2	-	
CLAY-----		2																												5	2	
GI LSONITE-----																														2	-	
MICA-----																														1	-	
PHOSPHATE-----																														11	6	
POTASH-----		1																												3	1	
SALT-----																														1	1	
SHALE-----																														1	-	
SODIUM COMPOUNDS-----																														2	4	
TALC-SOAPSTONE-----		1																												9	1	
WOLASTNITE-STAUlIT-----																														3	-	
TOTAL-----		4																												1	22	
OFFICE:																																
PHOSPHATE-----																															1	
TOTAL-----																															1	

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
GRAND TOTAL:																																	
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-		
BORON-----																																	
CLAY-----																																	
GLASSONITE-----																																	
MICA-----																																	
PHOSPHATE-----																																	
POTASH-----																																	
SALT-----																																	
SHALE-----																																	
SODIUM COMPOUNDS-----																																	
TALC-SOAPSTONE-----																																	
WOLASTNITE-STAUROLITE-----																																	
OTHER NONMETAL NEC-----																																	
TOTAL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	11	-	2	6	-	-			

TABLE 15. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
GRAND TOTAL:																																	
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	-	-	-	-	-	-	-	-	-	2	5		
BORON-----																															2	2	
CLAY-----		2																													5	2	
GILSONITE-----																															2	-	
MICA-----																															1	-	
PHOSPHATE-----																															11	7	
POTASH-----			1																												3	1	
SALT-----																															1	1	
SHALE-----																															1	1	
SODIUM COMPOUNDS-----																	1														2	4	
TALC-SOAPSTONE-----																															9	2	
WOLASTONITE-STAUlIT-----		1																													3	-	
OTHER NONMETAL NEC-----																																	
TOTAL-----		4															1	8	2	-	10	3	-	-	-	-	-	-	-	1	41	23	

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLL- ING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE				
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL			
UNDERGROUND MINES:																									
UNDERGROUND:																									
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-			
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-			
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-	-	-			
SURFACE AT UG:																			10	-	-	-	-		
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-	-	-		
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-			
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132	-	2	-	-			
TOTAL UNDERGROUND:																			122	-	-	-	-		
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-			
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-			
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	137	-	2	-	-			
SURFACE MINES:																									
OPEN PIT:																									
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	-	-	-	-	-		
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	144	-	-	-	-	-		
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-		
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	-	-	-	-	-		
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	-	-	-	-	-	
WOLASTNI TE-STAUHL T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	506	-	-	-	-	-		
DREDGE:																									
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL SURFACE:																									
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	-	-	-	-	-		
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	144	-	-	-	-	-		
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-		
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	-	-	-	-	-		
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	-	-	-	-	-	
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	506	-	-	-	-	-
WOLASTNI TE-STAUHL T-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	506	-	-	-	-	-	

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL		
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	
UNDERGROUND MINES:																							
UNDERGROUND:																							
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	38	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	5	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	43	
SURFACE AT UG:																							
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	
POTASH-----	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
TOTAL-----	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140	
TOTAL UNDERGROUND:																							
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	160	
POTASH-----	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
TOTAL-----	-	6	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	183	
SURFACE MINES:																							
OPEN PIT:																							
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	113	-	-	-	-	-	-	-	-	113	
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	
CLAY-----	-	103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249	
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	406	-	156	-	-	-	-	-	-	711	
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	6,000	
WOLASTNI TE-STAUHLIT	-	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	137	
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	152	-	-	-	-	-	183	
TOTAL-----	-	167	-	-	-	-	-	-	-	-	-	-	6,000	550	-	310	-	-	-	-	-	-	1,533
DREDGE:																							
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	
TOTAL SURFACE:																							
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	113	-	-	-	-	-	-	-	-	113	
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	
CLAY-----	-	103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249	
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	406	-	203	-	-	-	-	-	-	25	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	758	
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	152	-	-	-	-	-	6,000	
WOLASTNI TE-STAUHLIT	-	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	137	
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	152	-	-	-	-	-	183	
TOTAL-----	-	167	-	-	-	-	-	-	-	-	-	-	6,000	550	-	357	-	-	-	-	-	-	1,580

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLL- ING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
TOTAL MINING:																						
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	-	-	
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	144	-	-	
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-	
GI LSONI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	-	-	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
WOLASTNI TE-STAU LT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	-	-	
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	643	-	2	-	
PROCESSING PLANTS:																						
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	218	-	76	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-	
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-	-	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	360	-	76	
TALC-SOAPSTONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WOLASTNI TE-STAU LT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	360	-	76	
TOTAL, MINES AND PLANTS:																						
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	-	-	
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180	-	-	
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-	
GI LSONI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	367	-	76	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	2	
TALC-SOAPSTONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	129	-	-	
WOLASTNI TE-STAU LT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,003	-	78	
OFFICE:																						
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL		
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	
TOTAL MINING:																							
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	113	-	-	-	-	-	-	-	-	113	
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	
CLAY-----	-	-	103	-	-	-	-	-	-	-	-	-	38	-	-	2	-	-	-	-	-	249	
GI LSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160	
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	406	-	203	-	-	-	-	-	-	758	
POTASH-----	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WOLASTNITE-STAUlIT-----	-	64	-	-	-	-	-	-	-	-	-	-	31	-	152	-	-	-	-	-	-	2	
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	137	
TOTAL-----	-	173	-	-	-	-	-	-	-	-	-	6,000	588	-	357	-	-	-	-	-	-	6,000	1,763
PROCESSING PLANTS:																							
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	294	
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	
TALC-SOAPSTONE-----	-	-	-	-	-	-	-	-	-	-	-	-	11	-	225	-	-	-	-	-	-	292	
WOLASTNITE-STAUlIT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	11	-	231	-	-	-	-	-	-	678	
TOTAL, MINES AND PLNTS:																							
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	113	-	5	-	-	-	-	-	-	118	
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	
CLAY-----	-	103	-	-	-	-	-	-	-	-	-	-	38	-	-	2	-	-	-	-	-	285	
GI LSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160	
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	406	-	203	-	-	-	-	-	-	25	
PHOSPHATE-----	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,052	
POTASH-----	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	6,000	
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	
TALC-SOAPSTONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	225	-	-	-	-	-	429	
WOLASTNITE-STAUlIT-----	-	64	-	-	-	-	-	-	-	-	-	-	31	-	152	-	-	-	-	-	-	183	
TOTAL-----	-	173	-	-	-	-	-	-	-	-	-	6,000	599	-	588	-	-	-	-	-	-	6,000	2,441
OFFICE:																							
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLL- ING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
BARI TE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BORON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLAY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POTASH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SALT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHALE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TALC-SOAPSTONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WOLASTNI TE-STAUERITE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,003	-	78	-	-

TABLE 16. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND TYPE OF MINERAL AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND TYPE OF MINERAL	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
BARI TE-----	-	-	-	-	-	-	-	-	-	-	113	-	5	-	-	-	-	-	-	-	-	118
BORON-----																						115
CLAY-----			103																			285
GILSONITE-----	-	-	-	-	-	-	-	-	-	-	38	-	-									160
MICA-----	-	-	-	-	-	-	-	-	-	-	406	-	203	-	-	-	-	-	-	-	-	25
PHOSPHATE-----	-	-	-	-	-	-	-	-	-	-	-											1,052
POTASH-----	-	6	-	-	-	-	-	-	-	-	-											17
SALT-----	-	-	-	-	-	-	-	-	-	-	-											5
SHALE-----	-	-	-	-	-	-	-	-	-	-	6,000	-	-									6,000
SODIUM COMPOUNDS-----	-	-	-	-	-	-	-	-	-	-	-											52
TALC-SOAPSTONE-----	-	-	-	-	-	-	-	-	-	-	-											-
WOLASTONITE-STAUROLITE-----	-	64	-	-	-	-	-	-	-	-	-	11	-	225	-	-	-	-	-	-	-	429
OTHER NONMETAL NEC-----	-	-	-	-	-	-	-	-	-	-	-	31	-	152	-	-	-	-	-	-	-	183
TOTAL-----	-	173	-	-	-	-	-	-	-	-	6,000	599	-	588	-	-	-	-	-	-	6,000	2,441

TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
UNDERGROUND MINES:																							
UNDERGROUND:																							
MINER-----	-	-	-	2	2	2	1	3	-	-	-	43	43	43	-	22	22						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	43	43	43	-	22	22						
SURFACE AT UNDERGROUND:																							
BULLDOZER/MOBILE EQUIP.-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6						
DRILL OPERATOR-----	-	-	-	1	1	1	-	1	-	-	-	122	122	122	-	122	122						
LABORER-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
MECHANIC/MAINTENANCE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
MINER-----	-	-	-	1	1	1	1	2	-	-	-	10	10	10	-	10	10						
TECH./PROF./CLERICAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2						
TOTAL OR AVERAGE-----	-	-	-	4	4	4	5	9	-	-	-	140	140	140	-	35	35						
TOTAL OR AVERAGE, UG:																							
BULLDOZER/MOBILE EQUIP.-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6						
DRILL OPERATOR-----	-	-	-	1	1	1	-	1	-	-	-	122	122	122	-	122	122						
LABORER-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
MECHANIC/MAINTENANCE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
MINER-----	-	-	-	3	3	3	2	5	-	-	-	53	53	53	-	18	18						
TECH./PROF./CLERICAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2						
TOTAL OR AVERAGE-----	-	-	-	6	6	6	6	12	-	-	-	183	183	183	-	30	30						
SURFACE MINES:																							
OPEN PIT:																							
BULLDOZER/MOBILE EQUIP.-----	-	-	-	3	3	3	1	4	-	-	-	423	423	423	-	141	141						
DRILL OPERATOR-----	1	-	-	-	-	1	-	1	-	-	-	-	-	6,000	-	6,000	6,000						
FRONT END LOADER-----	-	-	-	2	2	2	1	2	-	-	-	115	115	115	-	58	58						
LABORER-----	-	-	-	4	4	4	1	5	-	-	-	342	342	342	-	86	86						
MECHANIC/MAINTENANCE-----	-	-	-	1	4	5	5	3	8	-	-	60	127	187	187	32	37						
TRUCK DRIVER-----	-	-	-	5	5	5	2	7	-	-	-	422	422	422	-	84	84						
WELDER/MACHINIST-----	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3						
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	1	2	-	-	-	41	41	41	-	41	41						
TOTAL OR AVERAGE-----	1	-	1	20	21	22	10	32	6,000	-	60	1,473	1,533	7,533	60	74	342						
DREDGE:																							
SUPERVISOR/FOREMAN-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	-	47	47						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	-	47	47						

TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, SURFACE:																							
BULLDOZER/MOBILE EQUIP.	-	-	-	3	3	3	1	4	-	-	423	423	423	-	141	141							
DRILL OPERATOR	1	-	-	-	1	1	-	1	-	-	-	-	6,000	-	-	-	6,000						
FRONT END LOADER	-	-	-	2	2	2	-	2	-	-	115	115	115	-	58	58							
LABORER	-	-	-	4	4	4	1	5	-	-	342	342	342	-	86	86							
MECHANIC/MAINTENANCE	-	-	1	4	5	5	3	8	-	-	127	187	187	60	32	37							
SUPERVISOR/FOREMAN	-	-	1	1	1	1	-	1	-	-	47	47	47	-	47	47							
TRUCK DRIVER	-	-	-	5	5	5	2	7	-	-	422	422	422	-	84	84							
WELDER/MACHINIST	-	-	-	1	1	1	2	3	-	-	3	3	3	-	3	3							
N. E. C. OR UNKNOWN	-	-	-	1	1	1	1	2	-	-	41	41	41	-	41	41							
TOTAL OR AVERAGE-----	1	-	1	21	22	23	10	33	6,000	-	60	1,520	1,580	7,580	60	72	330						
TOTAL OR AVERAGE, MINING:																							
BULLDOZER/MOBILE EQUIP.	-	-	-	4	4	4	1	5	-	-	429	429	429	-	107	107							
DRILL OPERATOR	1	-	-	1	1	2	-	2	-	-	122	122	6,122	-	122	3,061							
FRONT END LOADER	-	-	-	2	2	2	-	2	-	-	115	115	115	-	58	58							
LABORER	-	-	-	4	4	4	3	7	-	-	342	342	342	-	86	86							
MECHANIC/MAINTENANCE	-	-	1	4	5	5	4	9	-	-	127	187	187	60	32	37							
MINE	-	-	3	3	3	3	2	5	-	-	53	53	53	-	18	18							
SUPERVISOR/FOREMAN	-	-	-	1	1	1	-	1	-	-	47	47	47	-	47	47							
TECH./PROF./CLERICAL	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-							
TRUCK DRIVER	-	-	-	5	5	5	2	7	-	-	422	422	422	-	84	84							
WELDER/MACHINIST	-	-	-	1	1	1	2	3	-	-	3	3	3	-	3	3							
N. E. C. OR UNKNOWN	-	-	-	2	2	2	1	3	-	-	43	43	43	-	22	22							
TOTAL OR AVERAGE-----	1	-	1	27	28	29	16	45	6,000	-	60	1,703	1,763	7,763	60	63	268						
PROCESSING PLANTS:																							
BULLDOZER/MOBILE EQUIP.	-	-	-	1	1	1	1	2	-	-	34	34	34	-	34	34							
ELECTRICIAN	-	-	-	1	1	1	1	1	-	-	10	10	10	-	10	10							
LABORER	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-							
MINE	-	-	-	1	1	1	1	2	-	-	11	11	11	-	11	11							
PREP. PLANT OPR.	-	-	-	1	1	1	1	1	-	-	14	14	14	-	14	14							
SUPERVISOR/FOREMAN	-	-	-	1	1	1	1	1	-	-	1	1	1	-	1	1							
TRUCK DRIVER	-	-	-	1	1	1	1	1	-	-	5	5	5	-	5	5							
WELDER/MACHINIST	-	-	-	3	3	3	1	4	-	-	140	140	140	-	47	47							
N. E. C. OR UNKNOWN	-	-	1	3	4	4	-	4	-	-	50	413	463	463	50	138	116						
TOTAL OR AVERAGE-----	-	-	1	12	13	13	6	19	-	-	50	628	678	678	50	52	52						

TABLE 17. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
BULLDOZER/MOBILE EQUIP.	-	-	-	5	5	5	2	7	-	-	-	463	463	463	-	93	93						
DRILL OPERATOR	1	-	-	1	1	2	-	2	6,000	-	-	122	122	6,122	-	122	3,061						
ELECTRICIAN	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10						
FRONT END LOADER	-	-	-	2	2	2	-	2	-	-	-	115	115	115	-	58	58						
LABORER	-	-	-	4	4	4	5	9	-	-	-	342	342	342	-	86	86						
MECHANIC/MAINTENANCE	-	-	1	4	5	5	4	9	-	-	60	127	187	187	60	32	37						
MINE	-	-	-	4	4	4	4	8	-	-	-	64	64	64	-	16	16						
PREP. PLANT OPR.	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14						
SUPERVISOR/FOREMAN	-	-	-	2	2	2	-	2	-	-	-	48	48	48	-	24	24						
TECH./PROF./CLERICAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TRUCK DRIVER	-	-	-	6	6	6	2	8	-	-	-	427	427	427	-	71	71						
WELDER/MACHINIST	-	-	-	4	4	4	3	7	-	-	-	143	143	143	-	36	36						
N.E.C. OR UNKNOWN	-	-	1	5	6	6	1	7	-	-	50	456	506	506	50	91	84						
TOTAL OR AVERAGE-----	1	-	2	39	41	42	22	64	6,000	-	110	2,331	2,441	8,441	55	60	201						
OFFICE:																							
LABORER	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
GRAND TOTAL OR AVERAGE:																							
BULLDOZER/MOBILE EQUIP.	-	-	-	5	5	5	2	7	-	-	-	463	463	463	-	93	93						
DRILL OPERATOR	1	-	-	1	1	2	-	2	6,000	-	-	122	122	6,122	-	122	3,061						
ELECTRICIAN	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10						
FRONT END LOADER	-	-	-	2	2	2	-	2	-	-	-	115	115	115	-	58	58						
LABORER	-	-	-	4	4	4	6	10	-	-	-	342	342	342	-	86	86						
MECHANIC/MAINTENANCE	-	-	1	4	5	5	4	9	-	-	60	127	187	187	60	32	37						
MINE	-	-	-	4	4	4	4	8	-	-	-	64	64	64	-	16	16						
PREP. PLANT OPR.	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14						
SUPERVISOR/FOREMAN	-	-	-	2	2	2	-	2	-	-	-	48	48	48	-	24	24						
TECH./PROF./CLERICAL	-	-	-	6	6	6	2	8	-	-	-	427	427	427	-	71	71						
TRUCK DRIVER	-	-	-	4	4	4	3	7	-	-	-	143	143	143	-	36	36						
N.E.C. OR UNKNOWN	-	-	1	5	6	6	1	7	-	-	50	456	506	506	50	91	84						
TOTAL OR AVERAGE-----	1	-	2	39	41	42	23	65	6,000	-	110	2,331	2,441	8,441	55	60	201						

TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
UNDERGROUND MINES:																							
UNDERGROUND:																							
HANDLING MATERIAL-----	-	-	-	1	1	1	1	-	2	-	-	5	5	-	5	38	5						
MACHINERY-----	-	-	-	1	1	1	1	-	1	-	-	38	38	-	38	38	38						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	-	3	-	-	43	43	-	22	22	22						
SURFACE AT UNDERGROUND:																							
ELECTRICAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
HANDLING MATERIAL-----	-	-	-	2	2	2	2	-	4	-	-	132	132	-	66	66	66						
HAND TOOL-----	-	-	-	1	1	1	1	-	2	-	-	2	2	-	2	2	2						
POWERED HAULAGE-----	-	-	-	1	1	1	1	-	1	-	-	6	6	-	6	6	6						
SLIP OR FALL OF PERSON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	4	4	4	5	-	9	-	-	140	140	-	35	35	35						
TOTAL OR AVERAGE, UG:																							
ELECTRICAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
HANDLING MATERIAL-----	-	-	-	3	3	3	3	-	6	-	-	137	137	-	46	46	46						
HAND TOOL-----	-	-	-	1	1	1	1	-	2	-	-	2	2	-	2	2	2						
POWERED HAULAGE-----	-	-	-	1	1	1	1	-	1	-	-	6	6	-	6	6	6						
MACHINERY-----	-	-	-	1	1	1	1	-	1	-	-	38	38	-	38	38	38						
SLIP OR FALL OF PERSON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	6	6	6	6	-	12	-	-	183	183	-	30	30	30						
SURFACE MINES:																							
OPEN PIT:																							
HANDLING MATERIAL-----	-	-	1	7	8	8	5	13	-	-	60	446	506	506	60	64	63						
HAND TOOL-----	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-						
POWERED HAULAGE-----	-	-	-	3	3	3	3	3	-	-	-	167	167	167	-	56	56						
MACHINERY-----	1	-	-	6	6	7	1	8	6,000	-	-	550	550	6,550	-	92	936						
SLIP OR FALL OF PERSON-----	-	-	-	4	4	4	-	4	-	-	-	310	310	310	-	78	78						
TOTAL OR AVERAGE-----	1	-	1	20	21	22	10	32	6,000	-	60	1,473	1,533	7,533	60	74	342						
DREDGE:																							
SLIP OR FALL OF PERSON-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	-	47	47						
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	-	47	47						

TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE, SURFACE:																							
HANDLING MATERIAL-----	-	-	1	7	8	8	5	13	-	-	60	446	506	506	60	64	63						
HAND TOOL-----	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-						
POWERED HAULAGE-----	-	-	-	3	3	3	-	3	-	-	-	167	167	167	-	56	56						
MACHINERY-----	1	-	-	6	6	7	1	8	6,000	-	-	550	550	6,550	-	92	936						
SLIP OR FALL OF PERSON-----	-	-	-	5	5	5	-	5	-	-	-	357	357	357	-	71	71						
TOTAL OR AVERAGE-----	1	-	1	21	22	23	10	33	6,000	-	60	1,520	1,580	7,580	60	72	330						
TOTAL OR AVERAGE, MINING:																							
ELECTRICAL-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-						
HANDLING MATERIAL-----	-	-	1	10	11	11	8	19	-	-	60	583	643	643	60	58	58						
HAND TOOL-----	-	-	-	4	4	4	5	6	-	-	-	2	2	2	-	2	43						
POWERED HAULAGE-----	-	-	-	7	7	8	1	9	6,000	-	-	173	173	173	-	84	824						
MACHINERY-----	1	-	-	5	5	5	1	6	-	-	-	588	588	6,588	-	-	-						
SLIP OR FALL OF PERSON-----	-	-	-	5	5	5	1	6	-	-	-	357	357	357	-	71	71						
TOTAL OR AVERAGE-----	1	-	1	27	28	29	16	45	6,000	-	60	1,703	1,763	7,763	60	63	268						
PROCESSING PLANTS:																							
HANDLING MATERIAL-----	-	-	1	5	6	6	2	8	-	-	50	310	360	360	50	62	60						
HAND TOOL-----	-	-	-	1	1	1	1	2	-	-	-	76	76	76	-	76	76						
MACHINERY-----	-	-	-	1	1	1	1	2	-	-	-	11	11	11	-	11	11						
SLIP OR FALL OF PERSON-----	-	-	-	5	5	5	2	7	-	-	-	231	231	231	-	46	46						
TOTAL OR AVERAGE-----	-	-	1	12	13	13	6	19	-	-	50	628	678	678	50	52	52						
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																							
ELECTRICAL-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-						
HANDLING MATERIAL-----	-	-	2	15	17	17	10	27	-	-	110	893	1,003	1,003	55	60	59						
HAND TOOL-----	-	-	-	2	2	2	6	8	-	-	-	78	78	78	-	39	39						
POWERED HAULAGE-----	-	-	-	4	4	4	-	4	-	-	-	173	173	173	-	43	43						
MACHINERY-----	1	-	-	8	8	9	2	11	6,000	-	-	599	599	6,599	-	75	733						
SLIP OR FALL OF PERSON-----	-	-	-	10	10	10	3	13	-	-	-	588	588	588	-	59	59						
TOTAL OR AVERAGE-----	1	-	2	39	41	42	22	64	6,000	-	110	2,331	2,441	8,441	55	60	201						
OFFICE:																							
HANDLING MATERIAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						

TABLE 18. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
GRAND TOTAL OR AVERAGE:																							
ELECTRICAL-----	-	-	-	-	-	1	1	-	-	-	110	893	1,003	1,003	55	60	59						
HANDLING MATERIAL-----	-	-	2	15	17	17	28	-	-	-	78	78	78	78	39	39	39						
HAND TOOL-----	-	-	-	2	2	2	8	-	-	-	173	173	173	173	-	43	43						
POWERED HAULAGE-----	-	-	-	4	4	4	4	-	-	-	599	599	6,599	6,599	-	75	733						
MACHINERY-----	1	-	-	-	8	8	9	2	11	6,000	-	-	-	-	-	-	-						
SLIP OR FALL OF PERSON-----	-	-	-	10	10	10	13	-	-	-	588	588	588	588	-	59	59						
TOTAL OR AVERAGE-----	1	-	2	39	41	42	65	6,000	-	110	2,331	2,441	8,441	8,441	55	60	201						

TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
ELECTRICAL:																							
BODY SYSTEMS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
HANDLING MATERIAL:																							
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
ELBOW-----	-	-	2	2	2	2	-	2	-	-	-	148	148	148	-	74	74						
HAND-----	-	-	2	2	2	2	-	2	-	-	-	35	35	35	-	18	18						
FINGER(S)-----	-	1	2	3	3	4	-	7	-	-	60	59	119	119	60	30	40						
BACK-----	-	-	1	1	1	1	-	2	-	-	-	89	89	89	-	89	89						
PELVIC REGION-----	-	-	1	1	2	2	-	2	-	-	-	50	5	55	55	50	5						
SHOULDER(S)-----	-	-	1	1	1	1	-	2	-	-	-	144	144	144	-	144	144						
KNEE-----	-	-	1	1	1	1	-	1	-	-	-	22	22	22	-	22	22						
LOWER LEG-----	-	-	1	1	1	1	-	2	-	-	-	136	136	136	-	136	136						
ANKLE-----	-	-	1	1	1	1	-	1	-	-	-	49	49	49	-	49	49						
FOOT-----	-	-	2	2	2	1	-	3	-	-	-	84	84	84	-	42	42						
MULTIPLE PARTS OF BODY-----	-	-	1	1	1	-	-	1	-	-	-	122	122	122	-	122	122						
TOTAL OR AVERAGE-----	-	-	2	15	17	17	11	28	-	-	110	893	1,003	1,003	55	60	59						
HAND TOOL:																							
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
FOREARM-----	-	-	-	-	-	-	1	1	2	3	-	-	-	-	-	-	-						
FINGER(S)-----	-	-	-	-	-	-	1	1	1	-	-	2	2	2	-	2	2						
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	76	76						
ANKLE-----	-	-	-	-	-	-	1	1	-	-	-	76	76	76	-	76	76						
MULTIPLE PARTS OF BODY-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	6	8	-	-	-	78	78	78	-	39	39						
POWERED HAULAGE:																							
WRIST-----	-	-	-	1	1	1	-	1	-	-	-	56	56	56	-	56	56						
SHOULDER(S)-----	-	-	-	3	3	3	-	3	-	-	-	117	117	117	-	39	39						
TOTAL OR AVERAGE-----	-	-	-	4	4	4	-	4	-	-	-	173	173	173	-	43	43						
MACHINERY:																							
ELBOW-----	-	-	-	1	1	1	-	1	-	-	-	28	28	28	-	28	28						
FINGER(S)-----	-	-	-	1	1	1	-	2	3	-	-	3	3	3	-	3	3						
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19						
BACK-----	-	-	-	2	2	2	-	2	-	-	-	395	395	395	-	198	198						
TRUNK, NEC-----	-	-	-	2	2	2	-	2	-	-	-	143	143	143	-	72	72						
THIGH-----	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11						
MULTIPLE PARTS OF BODY-----	1	-	-	-	-	-	1	1	-	6,000	-	-	-	-	6,000	-	6,000						
TOTAL OR AVERAGE-----	1	-	-	8	8	9	2	11	6,000	-	-	599	599	6,599	-	75	733						

TABLE 19. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
SLIP OR FALL OF PERSON:																							
HEAD, NEC-----	-	-	-	1	1	1	-	1	-	-	-	1	1	-	1	1	1						
WRIST-----	-	-	2	2	2	-	2	-	-	-	-	129	129	129	64	64	64						
BACK-----	-	-	1	1	1	-	1	-	-	-	-	5	5	5	5	5	5						
SHOULDER(S)-----	-	-	1	1	1	-	1	-	-	-	-	152	152	152	152	152	152						
LOWER LEG-----	-	-	1	1	1	-	2	-	-	-	-	201	201	201	201	201	201						
ANKLE-----	-	-	1	1	1	-	1	-	-	-	-	10	10	10	10	10	10						
LOWER EXTREMITIES, NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
MULTIPLE PARTS OF BODY-----	-	-	-	3	3	3	-	1	4	-	-	90	90	90	-	30	30						
TOTAL OR AVERAGE-----	-	-	-	10	10	10	3	13	-	-	-	588	588	588	-	59	59						
TOTAL OR AVERAGE:																							
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-						
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
HEAD, NEC-----	-	-	1	1	1	-	1	-	-	-	-	1	1	1	1	1	1						
ELBOW-----	-	-	3	3	3	-	3	-	-	-	-	176	176	176	59	59	59						
FOREARM-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
WRIST-----	-	-	3	3	3	-	3	-	-	-	-	185	185	185	62	62	62						
HAND-----	-	-	3	2	2	-	2	-	-	-	-	35	35	35	18	18	18						
FINGER(S)-----	-	-	1	4	5	5	8	13	-	-	-	60	64	124	60	16	25						
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
ABDOMEN-----	-	-	1	1	1	-	1	-	-	-	-	19	19	19	19	19	19						
BACK-----	-	-	4	4	4	-	1	5	-	-	-	489	489	489	122	122	122						
PELVIC REGION-----	-	-	1	1	2	-	2	-	-	-	-	50	5	55	50	5	28						
SHOULDER(S)-----	-	-	5	5	5	-	2	7	-	-	-	413	413	413	83	83	83						
TRUNK, NEC-----	-	-	2	2	2	-	2	-	-	-	-	143	143	143	72	72	72						
THIGH-----	-	-	1	1	1	-	1	1	-	-	-	11	11	11	11	11	11						
KNEE-----	-	-	1	1	1	-	1	1	-	-	-	22	22	22	22	22	22						
LOWER LEG-----	-	-	2	2	2	-	2	4	-	-	-	337	337	337	168	168	168						
ANKLE-----	-	-	3	3	3	-	3	3	-	-	-	135	135	135	45	45	45						
FOOT-----	-	-	2	2	2	-	1	3	-	-	-	84	84	84	42	42	42						
LOWER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
BODY SYSTEMS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
MULTIPLE PARTS OF BODY-----	1	-	-	4	4	5	2	7	6,000	-	-	212	212	6,212	-	53	1,242						
TOTAL OR AVERAGE-----	1	-	2	39	41	42	23	65	6,000	-	110	2,331	2,441	8,441	55	60	201						

TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	PERMA- NENT PARTIAL	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
ELECTRICAL:																							
ELECTRIC SHOCK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
HANDLING MATERIAL:																							
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	60	-	60	60	60	-	60						
CUT OR PUNCTURE-----	-	-	-	3	3	3	5	8	-	-	58	58	58	58	58	19	19						
FRACTURE-----	-	-	-	4	4	4	3	7	-	-	256	256	256	256	256	64	64						
HERNIA (NOT DISC)-----	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	50	50						
STRAIN/SPRAIN-----	-	-	-	6	6	6	2	8	-	-	391	391	391	391	391	65	65						
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	1	3	-	-	188	188	188	188	188	94	94						
TOTAL OR AVERAGE-----	-	-	2	15	17	17	11	28	-	-	110	893	1,003	1,003	55	60	59						
HAND TOOL:																							
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-						
CUT OR PUNCTURE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	-	1	1	1	1	2	-	-	76	76	76	76	76	76	76						
STRAIN/SPRAIN-----	-	-	-	1	1	1	1	2	-	-	2	2	2	2	2	2	2						
TOTAL OR AVERAGE-----	-	-	-	2	2	2	6	8	-	-	78	78	78	78	-	39	39						
POWERED HAULAGE:																							
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	47	47	47	47	-	47	47						
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	56	56	56	56	-	56	56						
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	70	70	70	70	-	35	35						
TOTAL OR AVERAGE-----	-	-	-	4	4	4	-	4	-	-	173	173	173	173	-	43	43						
MACHINERY:																							
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	3	3	3	3	-	3	3						
CUT OR PUNCTURE-----	-	-	-	2	2	2	2	4	-	-	30	30	30	30	-	15	15						
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	113	113	113	113	-	113	113						
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	423	423	423	423	-	141	141						
MULTIPLE INJURIES-----	1	-	-	-	1	1	-	1	6,000	-	-	-	6,000	6,000	-	6,000	6,000						
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	30	30	30	30	-	30	30						
TOTAL OR AVERAGE-----	1	-	-	8	8	9	2	11	6,000	-	-	599	599	6,599	-	75	733						
SLIP OR FALL OF PERSON:																							
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	-	1	-	-	1	1	1	1	-	1	1						
CONTUSION OR BRUISE-----	-	-	-	2	2	2	1	1	-	-	316	316	316	316	-	158	158						
FRACTURE-----	-	-	-	5	5	5	-	5	-	-	222	222	222	222	-	44	44						
SCRATCH/ABRASION-----	-	-	-	2	2	2	1	3	-	-	49	49	49	49	-	24	24						
STRAIN/SPRAIN-----	-	-	-	5	5	5	-	5	-	-	222	222	222	222	-	44	44						
MULTIPLE INJURIES-----	-	-	-	2	2	2	1	3	-	-	49	49	49	49	-	24	24						
TOTAL OR AVERAGE-----	-	-	-	10	10	10	3	13	-	-	588	588	588	588	-	59	59						

TABLE 20. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY
AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS							AVERAGE SEVERITY								
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL								
		PERMANENT		TEMPO- RARY					PERMANENT		TEMPO- RARY	TOTAL NFDL											
		TOTAL	PARTIAL						TOTAL	PARTIAL													
TOTAL OR AVERAGE:																							
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	60	-	60	60	-	3	60						
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	3	3	3	3	-	3	3						
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	-	1	-	-	1	1	1	1	-	1	1						
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	2	3	-	-	47	47	47	-	47	47						
CUT OR PUNCTURE-----	-	-	-	5	5	5	-	10	15	-	-	88	88	88	-	18	18						
ELECTRIC SHOCK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
FRACTURE-----	-	-	-	9	9	9	4	13	-	-	817	817	817	-	91	91	-						
HERNIA (NOT DISC)-----	-	-	1	-	1	1	-	1	-	-	50	-	50	50	50	-	50						
SCRATCH/ABRASION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
STRAIN/SPRAIN-----	-	-	-	17	17	17	3	20	-	-	-	1,108	1,108	1,108	-	65	65						
MULTIPLE INJURIES-----	1	-	-	2	2	3	1	4	6,000	-	-	49	49	6,049	-	24	2,016						
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	1	4	-	-	218	218	218	-	73	73	-						
TOTAL OR AVERAGE-----	1	-	2	39	41	42	23	65	6,000	-	110	2,331	2,441	8,441	55	60	201						

TABLE 21. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT CONTRACTOR NONMETALLIC MINERAL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION, TYPE OF MINERAL AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
SURFACE MINES:								
STRIP:								
BORON:								
CALIFORNIA-----	-	-	-	-	1	-	-	1
TOTAL-----	-	-	-	-	1	-	-	1
TOTAL SURFACE:								
BORON:								
CALIFORNIA-----	-	-	-	-	1	-	-	1
TOTAL-----	-	-	-	-	1	-	-	1
TOTAL MINING:								
BORON:								
CALIFORNIA-----	-	-	-	-	1	-	-	1
TOTAL-----	-	-	-	-	1	-	-	1
TOTAL, MINES AND PLANTS:								
BORON:								
CALIFORNIA-----	-	-	-	-	1	-	-	1
TOTAL-----	-	-	-	-	1	-	-	1
GRAND TOTAL:								
BORON:								
CALIFORNIA-----	-	-	-	-	1	-	-	1
TOTAL-----	-	-	-	-	1	-	-	1
TOTAL OR AVERAGE-----	-	-	-	-	1	-	-	1

TABLE 22 – RELATED NONCOAL MINING SUMMARY REFERENCE TABULATION, NUMBER OF INJURIES, INCIDENCE RATES,
AVERAGE NUMBER OF WORKERS, AND EMPLOYEE-HOURS BY MINERAL INDUSTRY AND WORK LOCATION, 2012
(CONTRACTOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED
UNDERGROUND MINES:										
METAL-----	-		58		32		90			
NONMETAL-----	-		6		6		12			
STONE-----	-		4		1		5			
TOTAL, UNDERGROUND MINES-----	-		68	1.39	39	.80	107	2.19	9,494	9,752,863
SURFACE MINES:										
METAL-----	1		71		64		136			
NONMETAL-----	1		22		10		33			
STONE-----	1		50		15		66			
SUBTOTAL, SURFACE MINES-----	3		143		89		235			
SAND AND GRAVEL-----	-		26		13		39			
TOTAL, SURFACE MINES-----	3	.01	169	.73	102	.44	274	1.18	46,856	46,366,702
TOTAL, MINES-----	3	.01	237	.84	141	.50	381	1.36	56,350	56,119,565
MILLS:										
METAL-----	-		60		56		116			
NONMETAL-----	-		13		6		19			
STONE-----	-		73		31		104			
TOTAL, MILLS-----	-		146	1.29	93	.82	239	2.11	20,772	22,636,822
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-		-		-		-			
NONMETAL-----	-		-		-		-			
STONE-----	-		1		-		1			
TOTAL, SHOPS AND YARDS-----	-		1	9.13	-		1	9.13	65	21,916
ALL MINES, MILLS AND SHOPS:										
METAL-----	1		189		152		342			
NONMETAL-----	1		41		22		64			
STONE-----	1		128		47		176			
SUBTOTAL-----	3		358		221		582			
SAND AND GRAVEL-----	-		26		13		39			
TOTAL, MINES/MILLS/SHOPS-----	3	.01	384	.97	234	.59	621	1.58	77,187	78,778,303
OFFICEWORKERS:										
METAL-----	-		-		4		4			
NONMETAL-----	-		-		1		1			
STONE-----	-		1		2		3			
SAND AND GRAVEL-----	-		1		1		2			
TOTAL, OFFICEWORKERS-----	-		2	.08	8	.31	10	.39	3,729	5,129,368
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	1		189		156		346			
NONMETAL-----	1		41		23		65			
STONE-----	1		129		49		179			
SUBTOTAL-----	3		359		228		590			
SAND AND GRAVEL-----	-		27		14		41			
GRAND TOTAL-----	3	.01	386	.92	242	.58	631	1.50	80,916	83,907,671

TABLE 23 - RELATED COAL MINING SUMMARY REFERENCE TABULATION, NUMBER OF INJURIES, INCIDENCE RATES, AVERAGE NUMBER OF WORKERS, EMPLOYEE-HOURS AND PRODUCTION BY TYPE COAL MINED AND WORK LOCATION, 2012
(CONTRACTOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED	PRODUCTION REPORTED (SHORT TONS)
BITUMINOUS COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	1		143		48		192				
SURFACE-----	1		57		21		79				
TOTAL, UNDERGROUND MINES--	2		200		69		271				
SURFACE MINES:											
STRIP MINES-----	-		86		69		155				
AUGER MINES-----	-		4		-		4				
OTHER SURFACE MINES-----	-		1		1		2				
TOTAL, SURFACE MINES-----	-		91		70		161				
TOTAL, PRODUCTION MINING--	2		291		139		432				
PREPARATION PLANTS-----	-		52		25		77				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS--	-		52		25		77				
TOTAL, BITUMINOUS MINING--	2		343		164		509				
PENNSYLVANIA ANTHRACITE COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-		-		-		-				
SURFACE-----	-		-		-		-				
TOTAL, UNDERGROUND MINES--	-		-		-		-				
SURFACE MINES:											
STRIP MINES-----	-		1		1		2				
CULM BANK-----	-		-		-		-				
DREDGE-----	-		-		-		-				
TOTAL, SURFACE MINES-----	-		1		1		2				
TOTAL, PRODUCTION MINING--	-		1		1		2				
PREPARATION PLANTS-----	-		1		1		2				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS--	-		1		1		2				
TOTAL, ANTHRACITE MINING--	-		2		2		4				
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	1	.02	143	3.53	48	1.18	192	4.74	6,244	8,103,894	46,634
SURFACE-----	1	.02	57	1.25	21	.46	79	1.73	9,760	9,148,285	-
TOTAL, UNDERGROUND MINES--	2	.02	200	2.32	69	.80	271	3.14	16,004	17,252,179	46,634
SURFACE MINES:											
STRIP MINES-----	-		87	.84	70	.68	157	1.52	17,875	20,615,105	889,371
AUGER MINES-----	-		4	2.72	-	-	4	2.72	505	293,795	-
CULM BANK-----	-		1	.42	1	.42	2	.85	575	471,576	-
DREDGE-----	-		-	-	-	-	-	-	32	15,896	-
TOTAL, SURFACE MINES-----	-		92	.86	71	.66	163	1.52	18,987	21,396,372	889,371
TOTAL, PRODUCTION MINING--	2	.01	292	1.51	140	.72	434	2.25	34,991	38,648,551	936,005
PREPARATION PLANTS-----	-		53	1.08	26	.53	79	1.61	7,603	9,825,733	-
INDEPENDENT SHOPS/YARDS-----	-		-	-	-	-	-	-	247	393,710	-
TOTAL, OTHER OPERATIONS--	-		53	1.04	26	.51	79	1.55	7,850	10,219,443	-
TOTAL, ALL COAL-----	2	.01	345	1.41	166	.68	513	2.10	42,841	48,867,994	936,005
OFFICEWORKERS:											
BITUMINOUS-----	-		1		3		4				
ANTHRACITE-----	-		1	.07	3	.20	4	.27	2,337	2,942,413	-
TOTAL, OFFICEWORKERS-----	-		-	-	-	-	-	-	-	-	-
GRAND TOTAL-----	2	.01	346	1.34	169	.65	517	2.00	45,178	51,810,407	936,005