



Injury Experience in Sand and Gravel Mining, 2012

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

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

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INJURY EXPERIENCE IN SAND AND GRAVEL 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 sand and gravel 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 coal mines 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 Charged</u> ²
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 FOR OPERATOR SAND AND GRAVEL MINING

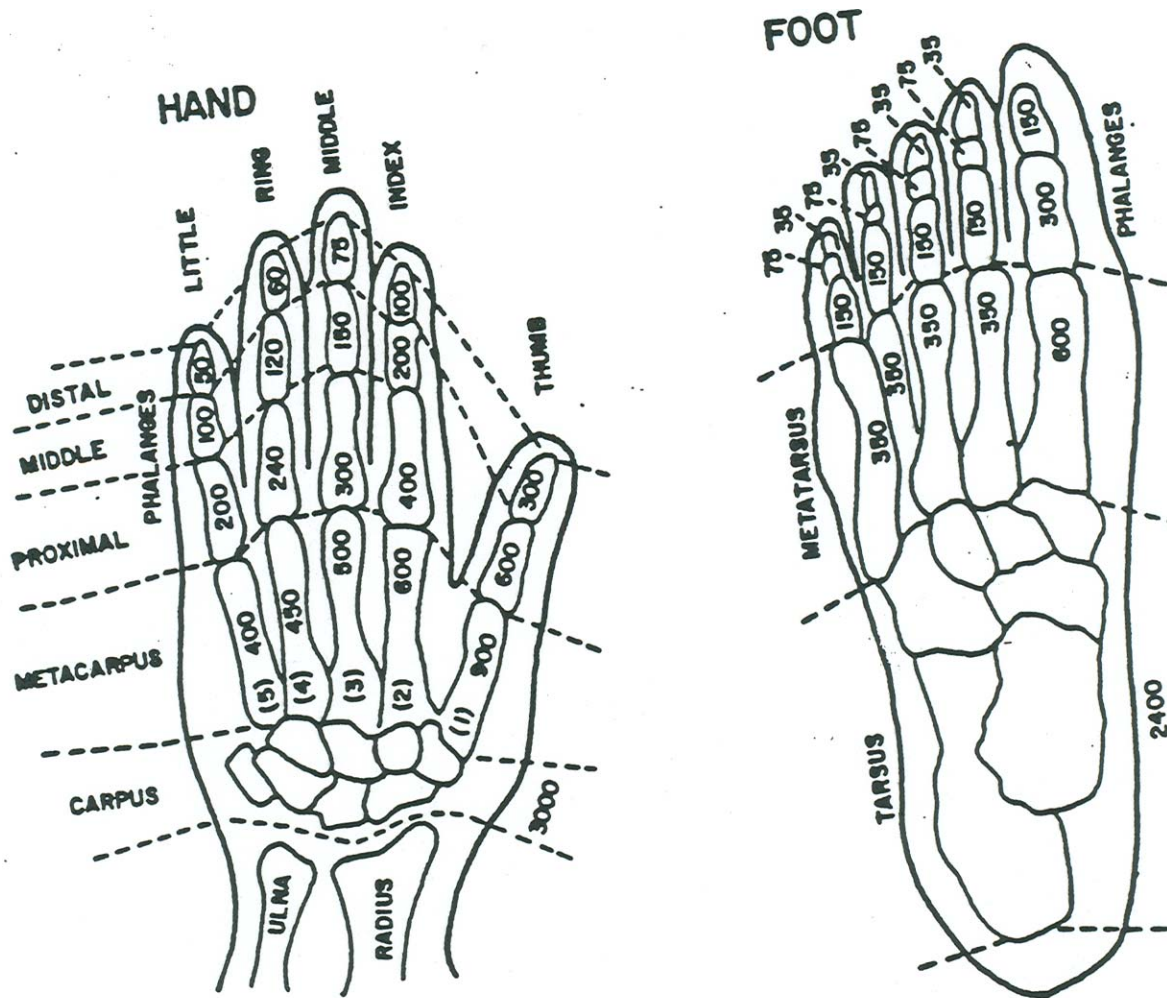
The following reference guide facilitates locating particular data elements contained in the annual statistical tables for operators. A comparable guide precedes the contractor section of this report. The number appearing in each cell indicates the table number in which that particular element may be 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 SAND AND GRAVEL OPERATOR 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
		1	1	1		1	1	1	1	1	1			
Prior year data with and without office	1/	1	1	1		1	1	1	1	1	1			
Work Location		2	2	2			2	2	2	2				
		3			3	3								
		4	4	4			4	4	4	4				
		5			5	5								
		6	6	6			6	6	6	6				
		7			7	7								
		8	8	8										
		9			9	9								
		11										11		
					12							12		
		13			13	13								
		14			14	14								
		18	18				18	18						
		19	19				19	19						19
Employment size group		2	2	2			2	2	2	2				
		3			3	3								
State		4	4	4			4	4	4	4				
		5			5	5								
		11										11		
					12							12		
												17		
Part of body injured		6	6	6										
		7			7	7								
		10			10	10								
		15			15	15								
Nature of injury		8	8	8										
		9			9	9								
		10			10	10								
	16			16	16									
Occupation at time of injury		13			13	13								
Accident Classification		14			14	14								
		15			15	15								
		16			16	16								
Mineral industry													17	
		18	18				18	18						
Type of Coal		19	19				19	19						19

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 (including associated shops and yards)	Strip, Open Pit, or Quarry	03		
	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. (_____) _____	-	_____
	Title _____	area code		

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)

Mine Accident, Injury and Illness Report



Approved For Use Through 07/31/2014 OMB Number 1219-0007

Section A - Identification D

MSHA ID Number _____ Contractor ID _____ Report Category
 Metal/Nonmetal Mining Coal Mining Check here if report pertains to contractor

Mine Name _____ Company Name _____

Section B - Complete for Each Reportable Accident Immediately Reported to MSHA

1. Accident Code (circle applicable code - see instructions)
 01 - Death 02 - Serious Injury 03 - Entrapment
 04 - Inundation 05 - Gas or Dust Ignition 06 - Mine Fire 07 - Explosives 08 - Roof Fall
 09 - Outburst 10 - Impounding Dam 11 - Hoisting 12 - Offsite injury

2. Name of Investigator _____ 3. Date Investigation Started _____ 4. Steps Taken to Prevent Recurrence of Accident _____

Month _____ Day _____ Year _____

Section C - Complete for Each Reportable Accident, Injury or Illness

5. Circle the Codes Which Best Describe Where Accident/Injury/Illness Occurred (see instructions)

(a) Surface Location: 02 Surface at Underground Mine 03 Strip/Open Pit Mine 04 Surface Auger Operation
 05 Culm Bank/Refuse Pile 06 Dredge Mining 12 Other Surface Mining 17 Independent Shops (with own MSHA ID) 99 Office Facilities

(b) Underground Location: 01 Vertical Shaft 02 Slope/Inclined Shaft 03 Face 04 Intersection 05 Underground Shop/Office 06 Other

(c) Underground Mining Method: 01 Longwall 02 Shortwall 03 Conventional Stopping 05 Continuous Mining 06 Hand 07 Caving 08 Other

6. Date of Accident _____ 7. Time of Accident • am _____ 8. Time Shift Started • am _____
 • pm _____ • pm _____

Month _____ Day _____ Year _____

9. Describe Fully the Conditions Contributing to the Accident/Injury/Illness, and Quantify the Damage or Impairment

10. Equipment Involved _____ Type _____ Manufacturer _____ Model Number _____ 10
MAN

11. Name of Witness to Accident/Injury/Illness _____ 12. Number of Reportable Injuries or Illnesses Resulting from This Occurrence _____

13. Name of Injured/III Employee _____ 14. Sex _____ 15. Date of Birth _____
 • Male _____
 • Female _____
 Month _____ Day _____ Year _____ 12
14

16. Last Four Digits of Social Security Number _____ 17. Regular Job Title _____ 18. Check if this Injury/Illness resulted in death. 19. Check if Injury/Illness resulted in permanent disability (include amputation, loss of use, & permanent total disability). 16
17
18
19

20. What Directly Inflicted Injury or Illness? _____ 21. Nature of Injury or Illness _____ 20
21

22. Part of Body Injured or Affected _____ 23. Occupational Illness (circle applicable code - see instructions) _____ 21 Occupational Skin Diseases _____ 22 _____ 24 Poisoning (toxic Materials) _____ 24 _____ 25 Disorders (physical agents) _____ 26 Disorders (repeated trauma) _____ 29 Other _____ 22
24

24. Employee's Work Activity When Injury or Illness Occurred

Experience	Years	Weeks
25. Experience in This Job Title		
26. Experience at This Mine		
27. Total Mining Experience		

For Official Use Only

Degree _____

Accident Type _____

Accident Class _____

Scheduled Charge _____

Keyword _____

Section D - Return to Duty Information

28. Permanently Transferred or Terminated (if checked, complete items 29,30, &31) 29. Date Returned to Regular Job at Full Capacity (or item 28) _____ 30. Number of Days Away from Work (if none, enter 0) _____ 31. Number of Days Restricted Work Activity (if none, enter 0) _____

Month _____ Day _____ Year _____

Person Completing Form (name) _____ Title _____

Date This Report Prepared (month, Day, year) _____ Area Code and Telephone Number _____

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

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
NUMBER OF INJURIES:										
FATAL-----	3	3	1	3	4	3	3	1	3	4
NFDL-----	550	371	412	371	379	554	378	416	379	380
TOTAL LWD INJURIES-----	553	374	413	374	383	557	381	417	382	384
NDL-----	281	211	202	216	205	284	212	202	218	207
TOTAL INJURIES-----	834	585	615	590	588	841	593	619	600	591
INCIDENCE RATES:										
FATAL-----	.01	.01	(*)	.01	.02	.01	.01	(*)	.01	.01
NFDL-----	1.91	1.57	1.79	1.57	1.54	1.66	1.37	1.55	1.39	1.34
ALL LWD INJURIES-----	1.92	1.58	1.79	1.58	1.56	1.67	1.38	1.56	1.40	1.36
NDL-----	.97	.89	.88	.91	.83	.85	.77	.76	.80	.73
ALL INJURIES-----	2.89	2.47	2.67	2.50	2.39	2.52	2.15	2.31	2.20	2.09
SEVERITY MEASURES:										
FATAL-----	62	76	26	76	98	54	65	22	66	85
NFDL-----	90	69	116	68	82	78	60	101	62	71
ALL LWD INJURIES-----	152	146	142	144	179	132	126	123	128	156
AVERAGE SEVERITY:										
PERMANENT PARTIAL-----	692	124	1,336	85	717	692	124	1,336	85	717
TEMPORARY NFDL-----	41	43	43	43	40	41	43	43	44	40
ALL LWD INJURIES-----	79	92	79	91	115	79	91	79	91	115
AVERAGE NUMBER OF EMPLOYEES----	35,158	30,813	29,545	29,773	30,571	42,307	37,510	35,993	36,131	37,067
EMPLOYEE-HOURS WORKED-----	57,685,466	47,305,536	46,096,692	47,280,230	49,191,892	66,686,120	55,205,544	53,508,979	54,495,415	56,606,479
AVERAGE HOURS PER EMPLOYEE										
PER YEAR-----	1,641	1,535	1,560	1,588	1,609	1,576	1,472	1,487	1,508	1,527
OPERATIONS REPORTED:										
NUMBER OF OPERATIONS-----	7,041	6,878	6,752	6,696	6,690	7,132	6,980	6,863	6,803	6,797
ASSOCIATED WORK LOCATIONS----	-	-	-	-	-	4,238	4,113	3,999	4,036	4,089

TABLE 2. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT SAND AND GRAVEL 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 OPERATIONS	ASSOCIATED WORK LOCATION		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL NJURIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPORARY	TOTAL NFDL																TOTAL	PARTIAL
		TOTAL	PARTIAL																			
SURFACE MINES:																						
OPEN PIT:																						
1 - 4	-	-	4	54	58	58	34	92	-	1.10	1.10	.64	1.74	-	134	134	9,641	10,588,379	4,244	-		
5 - 9	2	-	-	93	93	95	53	148	.03	1.55	1.58	.88	2.47	200	66	266	7,446	12,005,286	1,171	-		
10 - 19	2	-	2	82	84	86	38	124	.04	1.59	1.63	.72	2.35	227	74	301	5,503	10,551,455	423	-		
20 - 34	-	-	1	36	37	37	13	50	-	1.78	1.78	.62	2.40	-	66	66	2,035	4,166,202	80	-		
35 - 49	-	-	-	22	22	22	22	44	-	1.77	1.77	1.77	3.54	-	44	44	1,180	2,483,322	30	-		
50 - 99	-	-	-	17	17	17	8	25	-	2.24	2.24	1.05	3.29	-	68	68	742	1,518,158	11	-		
100 - 149	-	-	-	1	1	1	-	1	-	.97	.97	-	.97	-	29	29	100	205,837	1	-		
TOTAL OR AVERAGE	4	-	7	305	312	316	168	484	.02	1.50	1.52	.81	2.33	116	84	199	26,647	41,518,639	5,960	-		
DREDGE:																						
1 - 4	-	-	-	11	11	11	10	21	-	1.23	1.23	1.12	2.35	-	26	26	1,138	1,788,169	439	-		
5 - 9	-	-	-	30	30	30	14	44	-	2.32	2.32	1.08	3.40	-	114	114	1,299	2,590,362	202	-		
10 - 19	-	-	-	20	20	20	9	29	-	1.85	1.85	.83	2.69	-	71	71	992	2,158,819	74	-		
20 - 34	-	-	-	2	2	2	1	3	-	.68	.68	.34	1.02	-	3	3	255	590,990	10	-		
35 - 49	-	-	-	4	4	4	1	5	-	3.22	3.22	.81	4.03	-	149	149	119	248,441	3	-		
50 - 99	-	-	-	-	-	-	2	2	-	-	-	1.35	1.35	-	-	-	121	296,472	2	-		
TOTAL OR AVERAGE	-	-	-	67	67	67	37	104	-	1.75	1.75	.96	2.71	-	69	69	3,924	7,673,253	730	-		
TOTAL OR AVERAGE, MINING:																						
1 - 4	-	-	4	65	69	69	44	113	-	1.12	1.12	.71	1.83	-	119	119	10,779	12,376,548	4,683	-		
5 - 9	2	-	-	123	123	125	67	192	.03	1.69	1.71	.92	2.63	164	74	239	8,745	14,595,648	1,373	-		
10 - 19	2	-	2	102	104	106	47	153	.03	1.64	1.67	.74	2.41	189	73	262	6,495	12,710,274	497	-		
20 - 34	-	-	1	38	39	39	14	53	-	1.64	1.64	.59	2.23	-	58	58	2,290	4,757,192	90	-		
35 - 49	-	-	-	26	26	26	23	49	-	1.90	1.90	1.68	3.59	-	53	53	1,299	2,731,763	33	-		
50 - 99	-	-	-	17	17	17	10	27	-	1.87	1.87	1.10	2.98	-	57	57	863	1,814,630	13	-		
100 - 149	-	-	-	1	1	1	-	1	-	.97	.97	-	.97	-	29	29	100	205,837	1	-		
TOTAL OR AVERAGE	4	-	7	372	379	383	205	588	.02	1.54	1.56	.83	2.39	98	82	179	30,571	49,191,892	6,690	-		
OFFICE:																						
1 - 4	-	-	-	1	1	1	2	3	-	.04	.04	.07	.11	-	(*)	(*)	5,504	5,675,860	106	3,961		
5 - 9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	615	1,065,749	1	100		
10 - 19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	331	598,418	-	26		
20 - 34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	74,560	-	2		
TOTAL OR AVERAGE	-	-	-	1	1	1	2	3	-	.03	.03	.05	.08	-	(*)	(*)	6,496	7,414,587	107	4,089		
GRAND TOTAL OR AVERAGE:																						
1 - 4	-	-	4	66	70	70	46	116	-	.78	.78	.51	1.29	-	81	81	16,283	18,052,408	4,789	3,961		
5 - 9	2	-	-	123	123	125	67	192	.03	1.57	1.60	.86	2.45	153	69	222	9,360	15,661,397	1,374	100		
10 - 19	2	-	2	102	104	106	47	153	.03	1.56	1.59	.71	2.30	180	70	250	6,826	13,308,692	497	26		
20 - 34	-	-	1	38	39	39	14	53	-	1.61	1.61	.58	2.19	-	57	57	2,336	4,831,752	90	2		
35 - 49	-	-	-	26	26	26	23	49	-	1.90	1.90	1.68	3.59	-	53	53	1,299	2,731,763	33	-		
50 - 99	-	-	-	17	17	17	10	27	-	1.87	1.87	1.10	2.98	-	57	57	863	1,814,630	13	-		
100 - 149	-	-	-	1	1	1	-	1	-	.97	.97	-	.97	-	29	29	100	205,837	1	-		
TOTAL OR AVERAGE	4	-	7	373	380	384	207	591	.01	1.34	1.36	.73	2.09	85	71	156	37,067	56,606,479	6,797	4,089		

TABLE 3. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
1 - 4-----	-	-	4	54	58	58	34	92	-	-	4,860	2,253	7,113	7,113	1,215	42	123
5 - 9-----	2	-	-	93	93	95	53	148	12,000	-	-	3,943	3,943	15,943	-	42	168
10 - 19-----	2	-	2	82	84	86	38	124	12,000	-	110	3,779	3,889	15,889	55	46	185
20 - 34-----	-	-	1	36	37	37	13	50	-	-	50	1,369	1,369	1,369	50	37	37
35 - 49-----	-	-	-	22	22	22	22	44	-	-	-	545	545	545	-	25	25
50 - 99-----	-	-	-	17	17	17	8	25	-	-	-	517	517	517	-	30	30
100 - 149-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
TOTAL OR AVERAGE-----	4	-	7	305	312	316	168	484	24,000	-	5,020	12,386	17,406	41,406	717	41	131
DREDGE:																	
1 - 4-----	-	-	-	11	11	11	10	21	-	-	-	232	232	232	-	21	21
5 - 9-----	-	-	-	30	30	30	14	44	-	-	-	1,474	1,474	1,474	-	49	49
10 - 19-----	-	-	-	20	20	20	9	29	-	-	-	765	765	765	-	38	38
20 - 34-----	-	-	-	2	2	2	1	3	-	-	-	10	10	10	-	5	5
35 - 49-----	-	-	-	4	4	4	1	5	-	-	-	185	185	185	-	46	46
50 - 99-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	67	67	67	37	104	-	-	-	2,666	2,666	2,666	-	40	40
TOTAL OR AVERAGE, MINING:																	
1 - 4-----	-	-	4	65	69	69	44	113	-	-	4,860	2,485	7,345	7,345	1,215	38	106
5 - 9-----	2	-	-	123	123	125	67	192	12,000	-	-	5,417	5,417	17,417	-	44	139
10 - 19-----	2	-	2	102	104	106	47	153	12,000	-	110	4,544	4,654	16,654	55	45	157
20 - 34-----	-	-	1	38	39	39	14	53	-	-	50	1,329	1,379	1,379	50	35	35
35 - 49-----	-	-	-	26	26	26	23	49	-	-	-	730	730	730	-	28	28
50 - 99-----	-	-	-	17	17	17	10	27	-	-	-	517	517	517	-	30	30
100 - 149-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
TOTAL OR AVERAGE-----	4	-	7	372	379	383	205	588	24,000	-	5,020	15,052	20,072	44,072	717	40	115
OFFICE:																	
1 - 4-----	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3
5 - 9-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 - 19-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 - 34-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3
GRAND TOTAL OR AVERAGE:																	
1 - 4-----	-	-	4	66	70	70	46	116	-	-	4,860	2,488	7,348	7,348	1,215	38	105
5 - 9-----	2	-	-	123	123	125	67	192	12,000	-	-	5,417	5,417	17,417	-	44	139
10 - 19-----	2	-	2	102	104	106	47	153	12,000	-	110	4,544	4,654	16,654	55	45	157
20 - 34-----	-	-	1	38	39	39	14	53	-	-	50	1,329	1,379	1,379	50	35	35
35 - 49-----	-	-	-	26	26	26	23	49	-	-	-	730	730	730	-	28	28
50 - 99-----	-	-	-	17	17	17	10	27	-	-	-	517	517	517	-	30	30
100 - 149-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
TOTAL OR AVERAGE-----	4	-	7	373	380	384	207	591	24,000	-	5,020	15,055	20,075	44,075	717	40	115

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION AND STATE	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		TEMPORARY	TOTAL NFDL																TOTAL	
		TOTAL	PARTIAL																		FATAL	NFDL
OPEN PIT:	-	-	-	4	4	4	6	10	-	1.06	1.06	1.58	2.64	-	40	40	352	757,233	48	-		
ALABAMA-----	-	-	-	1	1	1	-	1	-	.80	.80	-	.80	-	6	6	310	249,781	74	-		
ALASKA-----	-	-	-	1	1	1	6	1	-	2.03	2.03	.55	2.58	-	60	60	1,305	2,171,290	183	-		
ARI ZONA-----	-	-	1	21	22	22	6	28	-	1.80	1.80	1.50	3.29	-	49	49	359	667,757	46	-		
ARKANSAS-----	-	-	-	6	6	6	5	11	-	1.68	1.72	.50	2.22	272	93	365	2,379	4,409,709	323	-		
CALI FORNI A-----	1	-	-	37	37	38	11	49	.05	1.78	1.78	1.33	3.11	-	69	69	1,097	1,349,753	257	-		
COLORADO-----	-	-	1	11	12	12	9	21	-	1.30	1.30	-	1.30	-	102	102	207	306,963	63	-		
CONNECTI CUT-----	-	-	-	2	2	2	-	2	-	-	-	8.87	8.87	-	-	-	12	22,545	4	-		
DELAWARE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	65	104,935	18	-		
FLORI DA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	155	313,662	14	-		
GEORGI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	57,573	22	-		
HAWAI I-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	57,573	22	-		
IDAHO-----	-	-	-	4	4	4	1	5	-	1.33	1.33	.33	1.67	-	53	53	577	600,327	143	-		
ILLI NOI S-----	-	-	-	5	5	5	4	9	-	1.97	1.97	1.58	3.55	-	67	67	309	506,506	72	-		
INDI ANA-----	-	-	-	5	5	5	5	17	-	3.90	3.90	1.62	5.52	-	148	148	358	615,975	96	-		
IOWA-----	-	-	1	11	12	12	5	17	-	1.25	1.25	.62	1.87	-	28	28	465	640,389	118	-		
KANSAS-----	-	-	-	4	4	4	2	6	-	-	-	-	-	-	-	-	128	112,895	42	-		
KENTUCKY-----	-	-	-	-	-	-	1	1	-	-	-	1.69	1.69	-	-	-	61	118,298	12	-		
LOUI SI ANA-----	-	-	-	3	3	3	-	3	-	2.02	2.02	-	2.02	-	219	219	178	296,354	47	-		
MAI NE-----	-	-	-	4	4	4	2	6	-	1.49	1.49	.74	2.23	-	20	20	431	538,380	164	-		
MARYLAND-----	-	-	-	3	3	3	-	3	-	1.44	1.44	-	1.44	-	97	97	214	415,305	21	-		
MASSACHUSETTS-----	-	-	-	-	-	-	1	1	-	-	-	.45	.45	-	-	-	346	444,400	107	-		
MI CHI GAN-----	-	-	-	4	4	4	4	8	-	.59	.59	.59	1.19	-	59	59	1,061	1,347,498	342	-		
MI NESOTA-----	1	-	-	7	7	8	12	20	.12	.85	.97	1.46	2.44	731	54	785	1,348	1,641,927	481	-		
MI SSI SSI PPI-----	-	-	-	8	8	8	4	12	-	2.20	2.20	1.10	3.29	-	151	151	391	728,647	55	-		
MI SSOURI-----	-	-	-	4	4	4	2	6	-	2.16	2.16	1.08	3.24	-	23	23	249	370,578	58	-		
MONTANA-----	-	-	-	4	4	4	2	6	-	1.39	1.39	.69	2.08	-	8	8	620	575,744	216	-		
NEBRASKA-----	-	-	-	3	3	3	-	3	-	1.90	1.90	-	1.90	-	75	75	187	315,734	31	-		
NEVADA-----	-	-	-	4	4	4	3	7	-	1.05	1.05	.79	1.83	-	7	7	540	763,784	108	-		
NEW HAMPSHI RE-----	-	-	-	-	-	-	1	1	-	-	-	.46	.46	-	-	-	348	430,968	103	-		
NEW JERSEY-----	-	-	-	5	5	5	1	6	-	2.37	2.37	.47	2.85	-	111	111	230	421,594	38	-		
NEW MEXI CO-----	-	-	-	6	6	6	1	7	-	1.84	1.84	.31	2.15	-	38	38	482	651,842	105	-		
NEW YORK-----	-	-	-	7	7	7	7	14	-	.82	.82	.82	1.63	-	10	10	1,219	1,715,606	383	-		
NORTH CAROLI NA-----	1	-	-	4	4	5	1	6	.21	.83	1.04	.21	1.25	1,252	30	1,282	568	958,612	79	-		
NORTH DAKOTA-----	-	-	-	11	11	11	6	17	-	1.75	1.75	.95	2.70	-	34	34	926	1,257,502	219	-		
OHIO-----	-	-	2	2	4	4	2	6	-	.71	.71	.36	1.07	-	813	813	612	1,121,876	129	-		
OKLAHOMA-----	1	-	-	5	5	6	3	9	.71	3.57	4.29	2.14	6.43	4,287	259	4,546	152	279,933	29	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	410	581,359	86	-		
PENNSYLVANI A-----	-	-	-	8	8	8	6	14	-	2.06	2.06	1.55	3.61	-	117	117	456	774,949	90	-		
PUERTO RI CO-----	-	-	-	5	5	5	1	6	-	3.69	3.69	.74	4.43	-	30	30	172	270,937	32	-		
RHODE I SLAND-----	-	-	-	1	1	1	-	1	-	1.00	1.00	-	1.00	-	66	66	117	200,279	22	-		
SOUTH CAROLI NA-----	-	-	-	1	1	1	1	2	-	.54	.54	.54	1.07	-	1	1	205	373,747	30	-		
SOUTH DAKOTA-----	-	-	-	8	8	8	6	14	-	2.52	2.52	1.89	4.41	-	127	127	436	634,784	141	-		
TENNESSEE-----	-	-	1	2	3	3	3	3	-	1.78	1.78	-	1.78	-	89	89	187	337,887	28	-		
TEXAS-----	-	-	-	31	31	31	18	49	-	1.24	1.24	.72	1.96	-	30	30	2,120	4,993,398	238	-		
UTAH-----	-	-	-	10	10	10	8	18	-	1.36	1.36	1.09	2.45	-	116	116	1,011	1,471,178	195	-		
VERMONT-----	-	-	-	4	4	4	-	4	-	3.36	3.36	-	3.36	-	107	107	242	238,072	94	-		
VI RGI NI A-----	-	-	-	3	3	3	1	4	-	1.71	1.71	.57	2.28	-	26	26	199	350,111	33	-		
WASHI NGTON-----	-	-	-	16	16	16	3	19	-	2.55	2.55	.48	3.03	-	150	150	830	1,254,483	190	-		
WEST VI RGI NI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4,034	2	-		
WI SCONSIN-----	-	-	1	19	20	20	15	35	-	1.83	1.83	1.38	3.21	-	81	81	1,497	2,180,551	407	-		
WYOMI NG-----	-	-	-	7	7	7	6	13	-	2.45	2.45	2.10	4.55	-	95	95	462	570,995	122	-		
TOTAL OR AVERAGE-----	4	-	7	305	312	316	168	484	.02	1.50	1.52	.81	2.33	116	84	199	26,647	41,518,639	5,960	-		

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	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		TEMPORARY	TOTAL NFDL															
		TOTAL	PARTIAL																	
DREDGE:	-	-	-	5	5	5	-	5	-	10.47	10.47	-	10.47	-	84	84	60	95,474	16	-
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	10,744	2	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	379	1	-
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96	203,726	11	-
ARKANSAS-----	-	-	-	-	-	-	1	1	-	-	-	.98	.98	-	-	-	64	149,419	3	-
CALI FORNI A-----	-	-	-	-	-	-	1	1	-	-	-	1.34	1.34	-	-	-	23	76,614	3	-
COLORADO-----	-	-	-	4	4	4	-	4	-	10.44	10.44	-	10.44	-	305	305	26	52,840	5	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	402,343	32	-
FLORI DA-----	-	-	-	7	7	7	-	7	-	3.48	3.48	-	3.48	-	100	100	207	402,343	32	-
GEORGI A-----	-	-	-	1	1	1	-	1	-	1.01	1.01	-	1.01	-	2	2	109	197,797	28	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1,211	1	-
ILLINOIS-----	-	-	-	3	3	3	1	4	-	2.67	2.67	.89	3.56	-	56	56	120	224,834	29	-
INDIANA-----	-	-	-	4	4	4	2	6	-	1.99	1.99	1.00	2.99	-	43	43	189	401,318	29	-
IOWA-----	-	-	-	1	1	1	2	3	-	1.07	1.07	2.15	3.22	-	21	21	108	186,061	26	-
KANSAS-----	-	-	-	2	2	2	4	6	-	1.11	1.11	2.21	3.32	-	14	14	215	361,791	57	-
KENTUCKY-----	-	-	-	4	4	4	4	4	-	5.70	5.70	-	5.70	-	282	282	66	140,399	11	-
LOUISIANA-----	-	-	-	1	1	1	3	4	-	.25	.25	.74	.99	-	91	91	385	806,237	73	-
MARYLAND-----	-	-	-	1	1	1	-	1	-	6.50	6.50	-	6.50	-	59	59	19	30,753	3	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	972	1	-
MICHIGAN-----	-	-	-	2	2	2	-	2	-	2.80	2.80	-	2.80	-	42	42	73	142,833	8	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	47,879	8	-
MISSISSIPPI-----	-	-	-	-	-	-	4	4	-	-	-	4.49	4.49	-	-	-	84	178,370	16	-
MISSOURI-----	-	-	-	4	4	4	3	7	-	2.55	2.55	1.91	4.47	-	4	4	155	313,454	27	-
NEBRASKA-----	-	-	-	7	7	7	4	11	-	2.10	2.10	1.20	3.29	-	73	73	413	667,817	119	-
NEW JERSEY-----	-	-	-	7	7	7	3	10	-	3.62	3.62	1.55	5.17	-	113	113	183	386,695	18	-
NEW YORK-----	-	-	-	1	1	1	1	2	-	1.81	1.81	1.81	3.62	-	553	553	58	110,369	9	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	34,148	19	-
OHIO-----	-	-	-	2	2	2	2	4	-	.62	.62	.62	1.24	-	15	15	323	646,274	45	-
OKLAHOMA-----	-	-	-	3	3	3	1	4	-	1.39	1.39	.46	1.85	-	68	68	209	432,382	40	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1,033	1	-
PENNSYLVANIA-----	-	-	-	1	1	1	1	2	-	1.22	1.22	1.22	2.44	-	12	12	86	164,009	8	-
SOUTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	2.80	2.80	-	-	-	40	71,481	14	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,919	1	-
TENNESSEE-----	-	-	-	1	1	1	-	1	-	1.27	1.27	-	1.27	-	124	124	71	157,663	13	-
TEXAS-----	-	-	-	3	3	3	2	5	-	.72	.72	.48	1.20	-	98	98	358	833,283	28	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	15,804	6	-
WASHINGTON-----	-	-	-	2	2	2	1	3	-	7.65	7.65	3.82	11.47	-	46	46	29	52,300	7	-
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	19,313	1	-
WISCONSIN-----	-	-	-	1	1	1	-	1	-	4.29	4.29	-	4.29	-	43	43	35	46,643	10	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6,672	1	-
TOTAL OR AVERAGE-----	-	-	-	67	67	67	37	104	-	1.75	1.75	.96	2.71	-	69	69	3,924	7,673,253	730	-

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	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		TEMPORARY																TOTAL NFDL
		TOTAL	PARTIAL																	
TOTAL OR AVERAGE, MINING:	-	-	-	372	379	383	205	588	.02	1.54	1.56	.83	2.39	98	82	179	30,571	49,191,892	6,690	-
ALABAMA-----	-	-	-	9	9	9	6	15	-	2.11	2.11	1.41	3.52	-	45	45	412	852,707	64	-
ALASKA-----	-	-	-	1	1	1	-	1	-	.77	.77	-	.77	-	5	5	317	260,525	76	-
ARI ZONA-----	-	-	1	21	22	22	6	28	-	2.03	2.03	.55	2.58	-	60	60	1,307	2,171,669	184	-
ARKANSAS-----	-	-	-	6	6	6	6	12	-	1.38	1.38	1.38	2.75	-	37	37	455	871,483	57	-
CALI FORNI A-----	1	-	-	37	37	38	12	50	.04	1.62	1.67	.53	2.19	263	90	353	2,443	4,559,128	326	-
COLORADO-----	-	-	1	15	16	16	9	25	-	2.24	2.24	1.26	3.51	-	82	82	1,120	1,426,367	260	-
CONNECTI CUT-----	-	-	-	2	2	2	-	2	-	1.30	1.30	-	1.30	-	102	102	207	306,963	63	-
DELAWARE-----	-	-	-	-	-	-	1	1	-	-	-	2.65	2.65	-	-	-	38	75,385	9	-
FLORI DA-----	-	-	-	7	7	7	-	7	-	2.76	2.76	-	2.76	-	79	79	272	507,278	50	-
GEORGI A-----	-	-	-	1	1	1	-	1	-	.39	.39	-	.39	-	1	1	264	511,459	42	-
HAWAI I-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	57,573	22	-
I DAHO-----	-	-	-	4	4	4	1	5	-	1.33	1.33	.33	1.66	-	53	53	581	601,538	144	-
ILLINOI S-----	-	-	-	8	8	8	5	13	-	2.19	2.19	1.37	3.56	-	63	63	429	731,340	101	-
INDI ANA-----	-	-	1	15	16	16	7	23	-	3.15	3.15	1.38	4.52	-	107	107	547	1,017,293	125	-
IOWA-----	-	-	-	5	5	5	4	9	-	1.21	1.21	.97	2.18	-	27	27	573	826,450	144	-
KANSAS-----	-	-	-	2	2	2	4	6	-	.84	.84	1.69	2.53	-	11	11	343	474,686	99	-
KENTUCKY-----	-	-	-	4	4	4	1	5	-	3.09	3.09	.77	3.87	-	153	153	127	258,697	23	-
LOUI SI ANA-----	-	-	-	4	4	4	3	7	-	.73	.73	.54	1.27	-	125	125	563	1,102,591	120	-
MAI NE-----	-	-	-	4	4	4	2	6	-	1.49	1.49	.74	2.23	-	20	20	431	538,380	164	-
MARYLAND-----	-	-	-	4	4	4	-	4	-	1.79	1.79	-	1.79	-	95	95	233	446,058	24	-
MASSACHUSETTS-----	-	-	-	-	-	-	1	1	-	-	-	.45	.45	-	-	-	347	445,372	108	-
MI CHI GAN-----	-	-	-	6	6	6	4	10	-	.81	.81	.54	1.34	-	57	57	1,134	1,490,331	350	-
MI NESOTA-----	1	-	-	7	7	8	12	20	.12	.83	.95	1.42	2.37	710	52	763	1,382	1,689,806	489	-
MI SSI SSI PPI-----	-	-	-	8	8	8	8	16	-	1.76	1.76	1.76	3.53	-	121	121	475	907,017	71	-
MI SSOURI-----	-	-	-	8	8	8	5	13	-	2.34	2.34	1.46	3.80	-	15	15	404	684,032	85	-
MONTANA-----	-	-	-	4	4	4	2	6	-	1.39	1.39	.69	2.08	-	8	8	620	575,744	216	-
NEBRASKA-----	-	-	-	10	10	10	4	14	-	2.03	2.03	.81	2.85	-	74	74	600	983,551	150	-
NEVADA-----	-	-	-	4	4	4	3	7	-	1.05	1.05	.79	1.83	-	7	7	540	763,784	108	-
NEW HAMPSHI RE-----	-	-	-	-	-	-	1	1	-	-	-	.46	.46	-	-	-	348	430,968	103	-
NEW JERSEY-----	-	-	-	12	12	12	4	16	-	2.97	2.97	.99	3.96	-	112	112	413	808,289	56	-
NEW MEXI CO-----	-	-	-	6	6	6	1	7	-	1.84	1.84	.31	2.15	-	38	38	482	651,842	105	-
NEW YORK-----	-	-	-	8	8	8	8	16	-	.88	.88	.88	1.75	-	42	42	1,277	1,825,975	392	-
NORTH CAROLI NA-----	1	-	-	4	4	5	1	6	.20	.81	1.01	.20	1.21	1,209	29	1,238	606	992,760	98	-
NORTH DAKOTA-----	-	-	-	11	11	11	6	17	-	1.75	1.75	.95	2.70	-	34	34	926	1,257,502	219	-
OHI O-----	-	-	2	4	6	6	4	10	-	.68	.68	.45	1.13	-	521	521	935	1,768,150	174	-
OKLAHOMA-----	1	-	-	8	8	9	4	13	.28	2.25	2.53	1.12	3.65	1,685	143	1,828	361	712,315	69	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	415	582,392	87	-
PENNSYLVANI A-----	-	-	-	9	9	9	7	16	-	1.92	1.92	1.49	3.41	-	98	98	542	938,958	98	-
PUERTO RI CO-----	-	-	-	5	5	5	1	6	-	3.69	3.69	.74	4.43	-	30	30	172	270,937	32	-
RHODE I SLAND-----	-	-	-	1	1	1	-	1	-	1.00	1.00	-	1.00	-	66	66	117	200,279	22	-
SOUTH CAROLI NA-----	-	-	-	1	1	1	2	3	-	.45	.45	.90	1.35	-	1	1	245	445,228	44	-
SOUTH DAKOTA-----	-	-	-	8	8	8	6	14	-	2.51	2.51	1.88	4.40	-	126	126	438	636,703	142	-
TENNESSEE-----	-	-	1	3	4	4	-	4	-	1.61	1.61	-	1.61	-	100	100	258	495,550	41	-
TEXAS-----	-	-	-	34	34	34	20	54	-	1.17	1.17	.69	1.85	-	40	40	2,478	5,826,681	266	-
UTAH-----	-	-	-	10	10	10	8	18	-	1.36	1.36	1.09	2.45	-	116	116	1,011	1,471,178	195	-
VERMONT-----	-	-	-	4	4	4	-	4	-	3.36	3.36	-	3.36	-	107	107	242	238,072	94	-
VIRGI NI A-----	-	-	-	3	3	3	1	4	-	1.64	1.64	.55	2.19	-	25	25	212	365,915	39	-
WASHI NGTON-----	-	-	-	18	18	18	4	22	-	2.75	2.75	.61	3.37	-	146	146	859	1,306,783	197	-
WEST VIRGI NI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	23,347	3	-
WI SCONSIN-----	-	-	1	20	21	21	15	36	-	1.89	1.89	1.35	3.23	-	80	80	1,532	2,227,194	417	-
WYOMI NG-----	-	-	-	7	7	7	6	13	-	2.42	2.42	2.08	4.50	-	94	94	466	577,667	123	-

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	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		TEMPORARY	TOTAL NFDL																TOTAL	PARTIAL
		TOTAL	PARTIAL																			
OFFICE:-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	118,172	-	45		
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	21,514	-	33		
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225	297,890	3	104		
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91	155,805	-	44		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	516	800,510	2	214		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	178	175,538	1	135		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	84,067	-	51		
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	22,415	-	8		
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	137,667	-	41		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	58,162	-	23		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	9,256	-	16		
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	50,929	2	66		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	156,180	4	69		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153	226,446	1	100		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	177	158,961	15	110		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	90,568	-	54		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	57,454	-	12		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	151	189,454	-	101		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	146	53,663	4	121		
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	86,070	1	23		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98	90,589	1	77		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	354	286,616	8	254		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	376	131,437	17	317		
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93	117,098	-	51		
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	97	123,124	2	57		
MISSOURI-----	-	-	-	-	-	-	1	1	-	-	1.62	1.62	-	-	-	-	105	21,052	4	93		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92	99,852	2	61		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	56,834	1	44		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	88,562	1	70		
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125	229,816	-	45		
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	94	42,959	3	72		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	311	316,506	6	220		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104	149,908	-	60		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79	25,325	1	69		
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	242	421,577	1	137		
OHIO-----	-	-	1	1	1	-	1	-	.47	.47	-	.47	-	1	1	91	142,359	-	52			
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	74,821	2	44		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	117	173,598	-	73		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	73,438	-	29		
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	34,811	-	17		
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	92,471	1	33		
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	36,907	2	47		
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	109,317	-	33		
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	446	774,492	3	216		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	64,782	-	48		
UTAH-----	-	-	-	-	-	-	1	1	-	-	3.09	3.09	-	-	-	-	47	33,307	1	42		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	59,686	-	29		
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	246	243,889	5	148		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	7,518	-	2		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	388	315,430	12	236		
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	25,785	1	43		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	.03	.03	.05	.08	-	(*)	(*)	6,496	7,414,587	107	4,089		

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION AND STATE	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		TEMPORARY	TOTAL NFDL																TOTAL	PARTIAL
		TOTAL	PARTIAL																			
GRAND TOTAL OR AVERAGE:-----	-	-	-	9	9	9	6	15	-	1.85	1.85	1.24	3.09	-	39	39	480	970,879	64	45		
ALABAMA-----	-	-	-	1	1	1	-	1	-	.71	.71	-	.71	-	5	5	363	282,039	76	33		
ALASKA-----	-	-	-	1	1	1	-	1	-	1.78	1.78	.49	2.27	-	53	53	1,532	2,469,559	187	104		
ARI ZONA-----	-	-	1	21	22	22	6	28	-	1.17	1.17	1.17	2.34	-	32	32	546	1,027,288	57	44		
ARKANSAS-----	-	-	-	6	6	6	6	12	.04	1.38	1.42	.45	1.87	224	77	301	2,959	5,359,638	328	214		
CALI FORNI A-----	1	-	-	37	37	38	12	50	-	2.00	2.00	1.12	3.12	-	73	73	1,298	1,601,905	261	135		
COLORADO-----	-	-	1	15	16	16	9	25	-	1.02	1.02	-	1.02	-	80	80	281	391,030	63	51		
CONNECTI CUT-----	-	-	-	2	2	2	-	2	-	-	-	2.04	2.04	-	-	-	50	97,800	9	8		
DELAWARE-----	-	-	-	7	7	7	-	7	-	2.17	2.17	-	2.17	-	62	62	354	644,945	50	41		
FLORI DA-----	-	-	-	1	1	1	-	1	-	.35	.35	-	.35	-	1	1	301	569,621	42	23		
GEORGI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	66,829	22	16		
HAWAI I-----	-	-	-	4	4	4	1	5	-	1.23	1.23	.31	1.53	-	49	49	666	652,467	146	66		
IDAHO-----	-	-	-	8	8	8	5	13	-	1.80	1.80	1.13	2.93	-	52	52	544	887,520	105	69		
ILLI NOI S-----	-	-	-	8	8	8	7	15	-	2.57	2.57	1.13	3.70	-	87	87	700	1,243,739	126	100		
INDI ANA-----	-	-	1	15	16	16	7	23	-	1.01	1.01	.81	1.83	-	23	23	750	985,411	159	110		
IOWA-----	-	-	-	5	5	5	4	9	-	.71	.71	1.42	2.12	-	9	9	411	565,254	99	54		
KANSAS-----	-	-	-	2	2	2	4	6	-	2.53	2.53	.63	3.16	-	125	125	161	316,151	23	12		
KENTUCKY-----	-	-	-	4	4	4	1	5	-	.62	.62	.46	1.08	-	107	107	714	1,292,045	120	101		
LOUI SI ANA-----	-	-	-	4	4	4	3	7	-	1.35	1.35	.68	2.03	-	18	18	577	592,043	168	121		
MAI NE-----	-	-	-	4	4	4	4	8	-	1.50	1.50	-	1.50	-	79	79	279	532,128	25	23		
MARYLAND-----	-	-	-	4	4	4	-	4	-	-	-	.37	.37	-	-	-	445	535,961	109	77		
MASSACHUSETTS-----	-	-	-	6	6	6	4	10	-	.68	.68	.45	1.13	-	48	48	1,488	1,776,947	358	254		
MI CHI GAN-----	-	-	-	7	7	7	12	20	.11	.77	.88	1.32	2.20	659	49	708	1,758	1,821,243	506	317		
MI NESOTA-----	1	-	-	6	6	6	8	14	-	1.56	1.56	1.56	3.12	-	107	107	568	1,024,115	71	51		
MI SSI SSI PPI-----	-	-	-	8	8	8	8	16	-	1.98	1.98	1.49	3.47	-	12	12	501	807,156	87	57		
MI SSOURI-----	-	-	-	8	8	8	6	14	-	1.34	1.34	.67	2.01	-	8	8	725	596,796	220	93		
MONTANA-----	-	-	-	4	4	4	2	6	-	1.85	1.85	.74	2.58	-	67	67	692	1,083,403	152	61		
NEBRASKA-----	-	-	-	10	10	10	4	14	-	.97	.97	.73	1.71	-	6	6	610	820,618	109	44		
NEVADA-----	-	-	-	4	4	4	3	7	-	-	-	.38	3.08	-	-	-	435	519,530	104	70		
NEW HAMPSHI RE-----	-	-	-	-	-	-	1	1	-	2.31	2.31	.77	3.08	-	87	87	538	1,038,105	56	45		
NEW JERSEY-----	-	-	-	12	12	12	4	16	-	1.73	1.73	.29	2.01	-	35	35	576	694,801	108	72		
NEW MEXI CO-----	-	-	-	6	6	6	1	7	-	.75	.75	.75	1.49	-	36	36	1,588	2,142,481	398	220		
NEW YORK-----	-	-	-	8	8	8	8	16	-	.70	.88	.18	1.05	1,050	26	1,076	710	1,142,668	98	60		
NORTH CAROLI NA-----	1	-	-	4	4	5	1	6	.18	1.71	1.71	.94	2.65	-	33	33	1,005	1,282,827	220	69		
NORTH DAKOTA-----	-	-	-	11	11	11	6	17	-	.64	.64	.37	1.00	-	421	421	1,177	2,189,727	175	137		
OKI O-----	-	-	2	5	7	7	4	11	-	1.87	2.11	.94	3.04	1,404	120	1,524	452	854,674	69	52		
OKLAHOMA-----	1	-	-	8	8	9	4	13	.23	-	-	-	-	-	-	-	499	657,213	89	44		
OREGON-----	-	-	-	9	9	9	7	16	-	1.62	1.62	1.26	2.88	-	83	83	659	1,112,556	98	73		
PENNSYLVANI A-----	-	-	-	9	9	9	1	10	-	2.90	2.90	.58	3.48	-	23	23	223	344,375	32	29		
PUERTO RI CO-----	-	-	-	5	5	5	1	6	-	.85	.85	-	.85	-	56	56	146	235,090	22	17		
RHODE I SLAND-----	-	-	-	1	1	1	-	1	-	.37	.37	.74	1.12	-	1	1	306	537,699	45	33		
SOUTH CAROLI NA-----	-	-	-	1	1	1	2	3	-	2.38	2.38	1.78	4.16	-	119	119	493	673,610	144	47		
SOUTH DAKOTA-----	-	-	-	8	8	8	6	14	-	1.32	1.32	-	1.32	-	82	82	325	604,867	41	33		
TENNESSEE-----	-	-	1	3	4	4	-	4	-	1.03	1.03	.61	1.64	-	35	35	2,924	6,601,173	269	216		
TEXAS-----	-	-	-	34	34	34	20	54	-	1.30	1.30	1.17	2.47	-	111	111	1,076	1,535,960	195	48		
UTAH-----	-	-	-	10	10	10	9	19	-	2.95	2.95	-	2.95	-	94	94	289	271,379	95	42		
VERMONT-----	-	-	-	4	4	4	-	4	-	1.41	1.41	.47	1.88	-	22	22	253	425,601	39	29		
VI RGI NI A-----	-	-	-	3	3	3	1	4	-	2.32	2.32	.52	2.84	-	123	123	1,105	1,550,672	202	148		
WASHI NGTON-----	-	-	-	18	18	18	4	22	-	-	-	-	-	-	-	-	19	30,865	3	2		
WEST VI RGI NI A-----	-	-	-	-	-	-	-	-	-	1.65	1.65	1.18	2.83	-	70	70	1,920	2,542,624	429	236		
WI SCONSIN-----	-	-	1	20	21	21	15	36	-	2.32	2.32	1.99	4.31	-	90	90	520	603,452	124	43		
WYOMI NG-----	-	-	-	7	7	7	6	13	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL OR AVERAGE-----	4	-	7	373	380	384	207	591	.01	1.34	1.36	.73	2.09	85	71	156	37,067	56,606,479	6,797	4,089		

TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012

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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
OPEN PIT:																	
ALABAMA-----	-	-	-	4	4	4	6	10	-	-	-	151	151	151	-	38	38
ALASKA-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
ARIZONA-----	-	-	1	21	22	22	6	28	-	-	185	465	650	185	22	30	30
ARKANSAS-----	-	-	-	6	6	6	5	11	-	-	-	162	162	162	-	27	27
CALIFORNIA-----	1	-	-	37	37	38	11	49	6,000	-	-	2,053	2,053	8,053	-	55	212
COLORADO-----	-	-	1	11	12	12	9	21	-	-	50	417	467	50	38	39	39
CONNECTICUT-----	-	-	-	2	2	2	-	2	-	-	-	156	156	156	-	78	78
DELAWARE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
IDAHO-----	-	-	-	4	4	4	1	5	-	-	-	159	159	159	-	40	40
ILLINOIS-----	-	-	-	5	5	5	4	9	-	-	-	169	169	169	-	34	34
INDIANA-----	-	-	1	11	12	12	5	17	-	-	100	357	457	100	32	38	38
IOWA-----	-	-	-	4	4	4	2	6	-	-	-	91	91	91	-	23	23
KENTUCKY-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
LOUISIANA-----	-	-	-	3	3	3	-	3	-	-	-	324	324	324	-	108	108
MAINE-----	-	-	-	4	4	4	2	6	-	-	-	53	53	53	-	13	13
MARYLAND-----	-	-	-	3	3	3	-	3	-	-	-	202	202	202	-	67	67
MASSACHUSETTS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	4	4	4	4	8	-	-	-	396	396	396	-	99	99
MINNESOTA-----	1	-	-	7	7	8	12	20	6,000	-	-	443	443	6,443	-	63	805
MISSISSIPPI-----	-	-	-	8	8	8	4	12	-	-	-	549	549	549	-	69	69
MISSOURI-----	-	-	-	4	4	4	2	6	-	-	-	43	43	43	-	11	11
MONTANA-----	-	-	-	4	4	4	2	6	-	-	-	23	23	23	-	6	6
NEBRASKA-----	-	-	-	3	3	3	-	3	-	-	-	119	119	119	-	40	40
NEVADA-----	-	-	-	4	4	4	3	7	-	-	-	26	26	26	-	6	6
NEW HAMPSHIRE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	5	5	5	1	6	-	-	-	233	233	233	-	47	47
NEW MEXICO-----	-	-	-	6	6	6	1	7	-	-	-	123	123	123	-	20	20
NEW YORK-----	-	-	-	7	7	7	7	14	-	-	-	83	83	83	-	12	12
NORTH CAROLINA-----	1	-	-	4	4	5	1	6	6,000	-	-	146	146	6,146	-	36	1,229
NORTH DAKOTA-----	-	-	-	11	11	11	6	17	-	-	-	214	214	214	-	19	19
OHIO-----	-	-	2	2	4	4	2	6	-	-	4,550	11	4,561	4,561	2,275	6	1,140
OKLAHOMA-----	1	-	-	5	5	6	3	9	6,000	-	-	363	363	6,363	-	73	1,060
PENNSYLVANIA-----	-	-	-	8	8	8	6	14	-	-	-	452	452	452	-	56	56
PUERTO RICO-----	-	-	-	5	5	5	1	6	-	-	-	40	40	40	-	8	8
RHODE ISLAND-----	-	-	-	1	1	1	-	1	-	-	-	66	66	66	-	66	66
SOUTH CAROLINA-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
SOUTH DAKOTA-----	-	-	-	8	8	8	6	14	-	-	-	402	402	402	-	50	50
TENNESSEE-----	-	-	1	2	3	3	-	3	-	-	60	91	151	60	46	50	50
TEXAS-----	-	-	-	31	31	31	18	49	-	-	-	752	752	752	-	24	24
UTAH-----	-	-	-	10	10	10	8	18	-	-	-	853	853	853	-	85	85
VERMONT-----	-	-	-	4	4	4	-	4	-	-	-	127	127	127	-	32	32
VIRGINIA-----	-	-	-	3	3	3	-	3	-	-	-	46	46	46	-	15	15
WASHINGTON-----	-	-	-	16	16	16	3	19	-	-	-	939	939	939	-	59	59
WISCONSIN-----	-	-	1	19	20	20	15	35	-	-	75	807	882	75	42	44	44
WYOMING-----	-	-	-	7	7	7	6	13	-	-	-	271	271	271	-	39	39
TOTAL OR AVERAGE-----	4	-	7	305	312	316	168	484	24,000	-	5,020	12,386	17,406	41,406	717	41	131

TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
DREDGE:																	
ALABAMA-----	-	-	-	5	5	5	-	5	-	-	-	40	40	40	-	8	8
ARKANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
COLORADO-----	-	-	-	4	4	4	-	4	-	-	-	117	117	117	-	29	29
FLORIDA-----	-	-	-	7	7	7	-	7	-	-	-	201	201	201	-	29	29
GEORGIA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
ILLINOIS-----	-	-	-	3	3	3	1	4	-	-	-	63	63	63	-	21	21
INDIANA-----	-	-	-	4	4	4	2	6	-	-	-	86	86	86	-	22	22
IOWA-----	-	-	-	1	1	1	2	3	-	-	-	20	20	20	-	20	20
KANSAS-----	-	-	-	2	2	2	4	6	-	-	-	26	26	26	-	13	13
KENTUCKY-----	-	-	-	4	4	4	-	4	-	-	-	198	198	198	-	50	50
LOUISIANA-----	-	-	-	1	1	1	3	4	-	-	-	365	365	365	-	365	365
MARYLAND-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
MICHIGAN-----	-	-	-	2	2	2	-	2	-	-	-	30	30	30	-	15	15
MISSISSIPPI-----	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	4	4	4	3	7	-	-	-	7	7	7	-	2	2
NEBRASKA-----	-	-	-	7	7	7	4	11	-	-	-	245	245	245	-	35	35
NEW JERSEY-----	-	-	-	7	7	7	3	10	-	-	-	219	219	219	-	31	31
NEW YORK-----	-	-	-	1	1	1	1	2	-	-	-	305	305	305	-	305	305
OHIO-----	-	-	-	2	2	2	2	4	-	-	-	48	48	48	-	24	24
OKLAHOMA-----	-	-	-	3	3	3	1	4	-	-	-	148	148	148	-	49	49
PENNSYLVANIA-----	-	-	-	1	1	1	1	2	-	-	-	10	10	10	-	10	10
SOUTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	1	1	1	-	1	-	-	-	98	98	98	-	98	98
TEXAS-----	-	-	-	3	3	3	2	5	-	-	-	407	407	407	-	136	136
WASHINGTON-----	-	-	-	2	2	2	1	3	-	-	-	12	12	12	-	6	6
WISCONSIN-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
TOTAL OR AVERAGE-----	-	-	-	67	67	67	37	104	-	-	-	2,666	2,666	2,666	-	40	40

TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:																	
ALABAMA-----	-	-	-	9	9	9	6	15	-	-	-	191	191	191	-	21	21
ALASKA-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
ARIZONA-----	-	-	1	21	22	22	6	28	-	-	185	465	650	650	185	22	30
ARKANSAS-----	-	-	-	6	6	6	-	12	-	-	-	162	162	162	-	27	27
CALIFORNIA-----	1	-	-	37	37	38	12	50	6,000	-	-	2,053	2,053	8,053	-	55	212
COLORADO-----	-	-	1	15	16	16	9	25	-	-	50	534	584	584	50	36	36
CONNECTICUT-----	-	-	-	2	2	2	-	2	-	-	-	156	156	156	-	78	78
DELAWARE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FLORIDA-----	-	-	-	7	7	7	-	7	-	-	-	201	201	201	-	29	29
GEORGIA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
IDAHO-----	-	-	-	4	4	4	1	5	-	-	-	159	159	159	-	40	40
ILLINOIS-----	-	-	-	8	8	8	5	13	-	-	-	232	232	232	-	29	29
INDIANA-----	-	-	1	15	16	16	7	23	-	-	100	443	543	543	100	30	34
IOWA-----	-	-	-	5	5	5	4	9	-	-	-	111	111	111	-	22	22
KANSAS-----	-	-	-	2	2	2	4	6	-	-	-	26	26	26	-	13	13
KENTUCKY-----	-	-	-	4	4	4	1	5	-	-	-	198	198	198	-	50	50
LOUISIANA-----	-	-	-	4	4	4	3	7	-	-	-	689	689	689	-	172	172
MAINE-----	-	-	-	4	4	4	2	6	-	-	-	53	53	53	-	13	13
MARYLAND-----	-	-	-	4	4	4	-	4	-	-	-	211	211	211	-	53	53
MASSACHUSETTS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	6	6	6	4	10	-	-	-	426	426	426	-	71	71
MINNESOTA-----	1	-	-	7	7	8	12	20	6,000	-	-	443	443	6,443	-	63	805
MISSISSIPPI-----	-	-	-	8	8	8	8	16	-	-	-	549	549	549	-	69	69
MISSOURI-----	-	-	-	8	8	8	5	13	-	-	-	50	50	50	-	6	6
MONTANA-----	-	-	-	4	4	4	2	6	-	-	-	23	23	23	-	6	6
NEBRASKA-----	-	-	-	10	10	10	4	14	-	-	-	364	364	364	-	36	36
NEVADA-----	-	-	-	4	4	4	3	7	-	-	-	26	26	26	-	6	6
NEW HAMPSHIRE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	12	12	12	4	16	-	-	-	452	452	452	-	38	38
NEW MEXICO-----	-	-	-	6	6	6	1	7	-	-	-	123	123	123	-	20	20
NEW YORK-----	-	-	-	8	8	8	8	16	-	-	-	388	388	388	-	48	48
NORTH CAROLINA-----	1	-	-	4	4	5	1	6	6,000	-	-	146	146	6,146	-	36	1,229
NORTH DAKOTA-----	-	-	-	11	11	11	6	17	-	-	-	214	214	214	-	19	19
OHIO-----	-	-	2	4	6	6	4	10	-	-	4,550	59	4,609	4,609	2,275	15	768
OKLAHOMA-----	1	-	-	8	8	9	4	13	6,000	-	-	511	511	6,511	-	64	723
PENNSYLVANIA-----	-	-	-	9	9	9	7	16	-	-	-	462	462	462	-	51	51
Puerto Rico-----	-	-	-	5	5	5	1	6	-	-	-	40	40	40	-	8	8
RHODE ISLAND-----	-	-	-	1	1	1	-	1	-	-	-	66	66	66	-	66	66
SOUTH CAROLINA-----	-	-	-	1	1	1	2	3	-	-	-	2	2	2	-	2	2
SOUTH DAKOTA-----	-	-	-	8	8	8	6	14	-	-	-	402	402	402	-	50	50
TENNESSEE-----	-	-	1	3	4	4	-	4	-	-	60	189	249	249	60	63	62
TEXAS-----	-	-	-	34	34	34	20	54	-	-	-	1,159	1,159	1,159	-	34	34
UTAH-----	-	-	-	10	10	10	8	18	-	-	-	853	853	853	-	85	85
VERMONT-----	-	-	-	4	4	4	-	4	-	-	-	127	127	127	-	32	32
VIRGINIA-----	-	-	-	3	3	3	1	4	-	-	-	46	46	46	-	15	15
WASHINGTON-----	-	-	-	18	18	18	4	22	-	-	-	951	951	951	-	53	53
WISCONSIN-----	-	-	1	20	21	21	15	36	-	-	75	817	892	892	75	41	42
WYOMING-----	-	-	-	7	7	7	6	13	-	-	-	271	271	271	-	39	39
TOTAL OR AVERAGE-----	4	-	7	372	379	383	205	588	24,000	-	5,020	15,052	20,072	44,072	717	40	115

TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
OFFICE:																	
MISSOURI-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	1	-	1	-	1	-	-	-	3	-	3	-	-	3
UTAH-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3

TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:																	
ALABAMA-----	-	-	-	9	9	9	6	15	-	-	-	191	191	191	-	21	21
ALASKA-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
ARIZONA-----	-	-	1	21	22	22	6	28	-	-	185	465	650	650	185	22	30
ARKANSAS-----	-	-	-	6	6	6	6	12	-	-	-	162	162	162	-	27	27
CALIFORNIA-----	1	-	-	37	37	38	12	50	6,000	-	-	2,053	2,053	8,053	-	55	212
COLORADO-----	-	-	1	15	16	16	9	25	-	-	50	534	584	584	50	36	36
CONNECTICUT-----	-	-	-	2	2	2	-	2	-	-	-	156	156	156	-	78	78
DELAWARE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FLORIDA-----	-	-	-	7	7	7	-	7	-	-	-	201	201	201	-	29	29
GEORGIA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
IDAHO-----	-	-	-	4	4	4	1	5	-	-	-	159	159	159	-	40	40
ILLINOIS-----	-	-	-	8	8	8	5	13	-	-	-	232	232	232	-	29	29
INDIANA-----	-	-	1	15	16	16	7	23	-	-	100	443	543	543	100	30	34
IOWA-----	-	-	-	5	5	5	4	9	-	-	-	111	111	111	-	22	22
KANSAS-----	-	-	-	2	2	2	4	6	-	-	-	26	26	26	-	13	13
KENTUCKY-----	-	-	-	4	4	4	1	5	-	-	-	198	198	198	-	50	50
LOUISIANA-----	-	-	-	4	4	4	3	7	-	-	-	689	689	689	-	172	172
MAINE-----	-	-	-	4	4	4	2	6	-	-	-	53	53	53	-	13	13
MARYLAND-----	-	-	-	4	4	4	-	4	-	-	-	211	211	211	-	53	53
MASSACHUSETTS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	6	6	6	4	10	-	-	-	426	426	426	-	71	71
MINNESOTA-----	1	-	-	7	7	8	12	20	6,000	-	-	443	443	6,443	-	63	805
MISSISSIPPI-----	-	-	-	8	8	8	8	16	-	-	-	549	549	549	-	69	69
MISSOURI-----	-	-	-	8	8	8	6	14	-	-	-	50	50	50	-	6	6
MONTANA-----	-	-	-	4	4	4	2	6	-	-	-	23	23	23	-	6	6
NEBRASKA-----	-	-	-	10	10	10	4	14	-	-	-	364	364	364	-	36	36
NEVADA-----	-	-	-	4	4	4	3	7	-	-	-	26	26	26	-	6	6
NEW HAMPSHIRE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	12	12	12	4	16	-	-	-	452	452	452	-	38	38
NEW MEXICO-----	-	-	-	6	6	6	1	7	-	-	-	123	123	123	-	20	20
NEW YORK-----	-	-	-	8	8	8	8	16	-	-	-	388	388	388	-	48	48
NORTH CAROLINA-----	1	-	-	4	4	5	1	6	6,000	-	-	146	146	6,146	-	36	1,229
NORTH DAKOTA-----	-	-	-	11	11	11	6	17	-	-	-	214	214	214	-	19	19
OHIO-----	-	-	2	5	7	7	4	11	-	-	4,550	62	4,612	4,612	2,275	12	659
OKLAHOMA-----	1	-	-	8	8	9	4	13	6,000	-	-	511	511	6,511	-	64	723
PENNSYLVANIA-----	-	-	-	9	9	9	7	16	-	-	-	462	462	462	-	51	51
Puerto Rico-----	-	-	-	5	5	5	1	6	-	-	-	40	40	40	-	8	8
RHODE ISLAND-----	-	-	-	1	1	1	1	1	-	-	-	66	66	66	-	66	66
SOUTH CAROLINA-----	-	-	-	1	1	1	2	3	-	-	-	2	2	2	-	2	2
SOUTH DAKOTA-----	-	-	-	8	8	8	6	14	-	-	-	402	402	402	-	50	50
TENNESSEE-----	-	-	1	3	4	4	-	4	-	-	60	189	249	249	60	63	62
TEXAS-----	-	-	-	34	34	34	20	54	-	-	-	1,159	1,159	1,159	-	34	34
UTAH-----	-	-	-	10	10	10	9	19	-	-	-	853	853	853	-	85	85
VERMONT-----	-	-	-	4	4	4	-	4	-	-	-	127	127	127	-	32	32
VIRGINIA-----	-	-	-	3	3	3	1	4	-	-	-	46	46	46	-	15	15
WASHINGTON-----	-	-	-	18	18	18	4	22	-	-	-	951	951	951	-	53	53
WISCONSIN-----	-	-	1	20	21	21	15	36	-	-	75	817	892	892	75	41	42
WYOMING-----	-	-	-	7	7	7	6	13	-	-	-	271	271	271	-	39	39
TOTAL OR AVERAGE-----	4	-	7	373	380	384	207	591	24,000	-	5,020	15,055	20,075	44,075	717	40	115

TABLE 6. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT SAND AND GRAVEL 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	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
SURFACE MINES:																
OPEN PIT:																
EAR-----	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
EYE-----	-	-	-	8	8	8	18	26	-	.04	.04	.09	.13	-	(*)	(*)
JAW-----	-	-	-	-	-	-	7	7	-	-	-	.01	.01	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	7	7	-	-	-	.03	.03	-	-	-
NOSE-----	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	.01	-	(*)	(*)
FACE, NEC-----	-	-	-	3	3	3	1	4	-	.01	.01	.02	.02	-	(*)	(*)
HEAD, NEC-----	1	-	-	9	9	10	7	17	(*)	.04	.05	.03	.08	29	1	30
UPPER ARM-----	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
ELBOW-----	-	-	-	4	4	4	3	7	-	.02	.02	.01	.03	-	1	1
FOREARM-----	-	-	-	4	4	4	7	11	-	.02	.02	.03	.05	-	1	1
WRIST-----	-	-	-	12	12	12	5	17	-	.06	.06	.02	.08	-	4	4
HAND-----	-	-	-	9	9	9	8	17	-	.04	.04	.04	.08	-	1	1
FINGER(S)-----	-	-	3	38	41	41	48	89	-	.20	.20	.23	.43	-	4	4
UPPER EXTREMITIES, NEC--	-	-	1	7	8	8	6	14	-	.04	.04	.03	.07	-	22	22
ABDOMEN-----	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	.01	-	(*)	(*)
BACK-----	-	-	-	57	57	57	8	65	-	.27	.27	.04	.31	-	11	11
CHEST-----	-	-	-	7	7	7	1	8	-	.03	.03	(*)	.04	-	(*)	(*)
PELVIC REGION-----	-	-	2	6	8	8	-	8	-	.04	.04	-	.04	-	2	2
SHOULDER(S)-----	-	-	-	20	20	20	9	29	-	.10	.10	.04	.14	-	6	6
TRUNK, NEC-----	1	-	-	2	2	3	-	3	(*)	.01	.01	-	.01	29	(*)	29
THIGH-----	-	-	-	-	-	-	6	6	-	-	-	.03	.03	-	-	-
KNEE-----	-	-	-	39	39	39	6	45	-	.19	.19	.03	.22	-	8	8
LOWER LEG-----	-	-	-	10	10	10	1	11	-	.05	.05	(*)	.05	-	2	2
ANKLE-----	-	-	-	16	16	16	5	21	-	.08	.08	.02	.10	-	3	3
FOOT-----	-	-	-	10	10	10	5	15	-	.05	.05	.02	.07	-	1	1
TOE(S)-----	-	-	1	2	3	3	1	4	-	.01	.01	(*)	.02	-	1	1
LOWER EXTREMITIES, NEC--	-	-	-	9	9	9	7	16	-	.04	.04	.03	.08	-	2	2
BODY SYSTEMS-----	1	-	-	1	1	2	-	2	(*)	(*)	.01	-	.01	29	(*)	29
MULTIPLE PARTS OF BODY--	1	-	-	28	28	29	4	33	(*)	.13	.14	.02	.16	29	11	40
TOTAL OR AVERAGE-----	4	-	7	305	312	316	168	484	.02	1.50	1.52	.81	2.33	116	84	199

TABLE 6. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT SAND AND GRAVEL 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	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
DREDGE:																
EYE-----	-	-	-	2	2	2	5	7	-	.05	.05	.13	.18	-	(*)	(*)
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	2	2	-	-	-	.05	.05	-	-	-
NOSE-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
FACE, NEC-----	-	-	-	-	-	-	2	2	-	-	-	.05	.05	-	-	-
HEAD, NEC-----	-	-	-	2	2	2	2	4	-	.05	.05	.05	.10	-	1	1
NECK-----	-	-	-	2	2	2	-	2	-	.05	.05	-	.05	-	2	2
UPPER ARM-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
ELBOW-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	1	1
FOREARM-----	-	-	-	1	1	1	1	2	-	.03	.03	.03	.05	-	5	5
WRIST-----	-	-	-	2	2	2	1	3	-	.05	.05	.03	.08	-	(*)	(*)
HAND-----	-	-	-	2	2	2	2	4	-	.05	.05	.05	.10	-	(*)	(*)
FINGER(S)-----	-	-	-	4	4	4	11	15	-	.10	.10	.29	.39	-	1	1
ABDOMEN-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
BACK-----	-	-	-	13	13	13	1	14	-	.34	.34	.03	.36	-	15	15
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	1	1
SHOULDER(S)-----	-	-	-	8	8	8	1	9	-	.21	.21	.03	.23	-	10	10
TRUNK, NEC-----	-	-	-	2	2	2	-	2	-	.05	.05	-	.05	-	1	1
THIGH-----	-	-	-	4	4	4	-	4	-	.10	.10	-	.10	-	11	11
KNEE-----	-	-	-	8	8	8	1	9	-	.21	.21	.03	.23	-	11	11
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
ANKLE-----	-	-	-	2	2	2	1	3	-	.05	.05	.03	.08	-	(*)	(*)
FOOT-----	-	-	-	5	5	5	1	6	-	.13	.13	.03	.16	-	4	4
LOWER EXTREMITIES, NEC--	-	-	-	2	2	2	1	3	-	.05	.05	.03	.08	-	3	3
BODY SYSTEMS-----	-	-	-	2	2	2	-	2	-	.05	.05	-	.05	-	(*)	(*)
MULTIPLE PARTS OF BODY--	-	-	-	4	4	4	-	4	-	.10	.10	-	.10	-	3	3
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
TOTAL OR AVERAGE-----	-	-	-	67	67	67	37	104	-	1.75	1.75	.96	2.71	-	69	69

TABLE 6. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT SAND AND GRAVEL 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	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
TOTAL OR AVERAGE, MINING:																
EAR-----	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
EYE-----	-	-	-	10	10	10	23	33	-	.04	.04	.09	.13	-	(*)	(*)
JAW-----	-	-	-	-	-	-	2	2	-	-	-	.01	.01	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	9	9	-	-	-	.04	.04	-	-	-
NOSE-----	-	-	-	1	1	1	2	3	-	(*)	(*)	.01	.01	-	(*)	(*)
FACE, NEC-----	-	-	-	3	3	3	3	6	-	.01	.01	.01	.02	-	(*)	(*)
HEAD, NEC-----	1	-	-	11	11	12	9	21	(*)	.04	.05	.04	.09	24	(*)	25
NECK-----	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
UPPER ARM-----	-	-	-	2	2	2	1	3	-	.01	.01	(*)	.01	-	(*)	(*)
ELBOW-----	-	-	-	5	5	5	3	8	-	.02	.02	.01	.03	-	1	1
FOREARM-----	-	-	-	5	5	5	8	13	-	.02	.02	.03	.05	-	2	2
WRIST-----	-	-	-	14	14	14	6	20	-	.06	.06	.02	.08	-	3	3
HAND-----	-	-	-	11	11	11	10	21	-	.04	.04	.04	.09	-	1	1
FINGER(S)-----	-	-	3	42	45	45	59	104	-	.18	.18	.24	.42	-	4	4
UPPER EXTREMITIES, NEC-----	-	-	-	7	8	8	6	14	-	.03	.03	.02	.06	-	19	19
ABDOMEN-----	-	-	-	1	1	1	2	3	-	(*)	(*)	.01	.01	-	(*)	(*)
BACK-----	-	-	-	70	70	70	9	79	-	.28	.28	.04	.32	-	(*)	(*)
CHEST-----	-	-	-	7	7	7	1	8	-	.03	.03	(*)	.03	-	(*)	(*)
PELVIC REGION-----	-	-	2	7	9	9	-	9	-	.04	.04	-	.04	-	2	2
SHOULDER(S)-----	-	-	-	28	28	28	10	38	-	.11	.11	.04	.15	-	6	6
TRUNK, NEC-----	1	-	-	4	4	5	-	5	(*)	.02	.02	-	.02	24	(*)	25
THIGH-----	-	-	-	4	4	4	6	10	-	.02	.02	.02	.04	-	2	2
KNEE-----	-	-	-	47	47	47	7	54	-	.19	.19	.03	.22	-	9	9
LOWER LEG-----	-	-	-	10	10	10	2	12	-	.04	.04	.01	.05	-	1	1
ANKLE-----	-	-	-	18	18	18	6	24	-	.07	.07	.02	.10	-	2	2
FOOT-----	-	-	-	15	15	15	6	21	-	.06	.06	.02	.09	-	2	2
TOE(S)-----	-	-	1	2	3	3	1	4	-	.01	.01	(*)	.02	-	1	1
LOWER EXTREMITIES, NEC-----	-	-	-	11	11	11	8	19	-	.04	.04	.03	.08	-	2	2
BODY SYSTEMS-----	1	-	-	3	3	4	-	4	(*)	.01	.02	-	.02	24	(*)	24
MULTIPLE PARTS OF BODY-----	1	-	-	32	32	33	4	37	(*)	.13	.13	.02	.15	24	10	34
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
TOTAL OR AVERAGE-----	4	-	7	372	379	383	205	588	.02	1.54	1.56	.83	2.39	98	82	179
OFFICE:																
ANKLE-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
MULTIPLE PARTS OF BODY-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	.03	.03	.05	.08	-	(*)	(*)

TABLE 6. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT SAND AND GRAVEL 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	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
GRAND TOTAL OR AVERAGE:																
EAR-----	-	-	-	-	-	1	1	-	.04	.04	(*)	(*)	-	-	-	
EYE-----	-	-	-	10	10	10	23	33	-	-	-	.08	.12	-	(*)	(*)
JAW-----	-	-	-	-	-	-	2	2	-	-	-	.01	.01	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	2	9	-	-	-	.03	.03	-	-	-
NOSE-----	-	-	-	1	1	1	2	3	-	(*)	(*)	.01	.01	-	(*)	(*)
FACE, NEC-----	-	-	-	3	3	3	3	6	-	.01	.01	.01	.02	-	(*)	(*)
HEAD, NEC-----	1	-	-	11	11	12	9	21	(*)	.04	.04	.03	.07	21	(*)	22
NECK-----	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
UPPER ARM-----	-	-	-	2	2	2	1	3	-	.01	.01	(*)	.01	-	(*)	(*)
ELBOW-----	-	-	-	5	5	5	3	8	-	.02	.02	.01	.03	-	-	-
FOREARM-----	-	-	-	5	5	5	8	13	-	.02	.02	.03	.05	-	1	1
WRIST-----	-	-	-	14	14	14	6	20	-	.05	.05	.02	.07	-	3	3
HAND-----	-	-	-	11	11	11	10	21	-	.04	.04	.04	.07	-	1	1
FINGER(S)-----	-	-	3	42	45	45	59	104	-	.16	.16	.21	.37	-	3	3
UPPER EXTREMITIES, NEC-----	-	-	-	7	8	8	6	14	-	.03	.03	.02	.05	-	16	16
ABDOMEN-----	-	-	-	1	1	1	2	3	-	(*)	(*)	.01	.01	-	(*)	(*)
BACK-----	-	-	-	70	70	70	9	79	-	.25	.25	.03	.28	-	(*)	(*)
CHEST-----	-	-	-	7	7	7	1	8	-	.02	.02	(*)	.03	-	2	2
PELVIC REGION-----	-	-	2	7	9	9	-	9	-	.03	.03	-	.03	-	5	5
SHOULDER(S)-----	-	-	-	28	28	28	10	38	-	.10	.10	.04	.13	-	1	1
TRUNK, NEC-----	1	-	-	4	4	5	-	5	(*)	.01	.02	-	.02	21	(*)	22
THIGH-----	-	-	-	4	4	4	6	10	-	.01	.01	.02	.04	-	1	1
KNEE-----	-	-	-	47	47	47	7	54	-	.17	.17	.02	.19	-	8	8
LOWER LEG-----	-	-	-	10	10	10	2	12	-	.04	.04	.01	.04	-	1	1
ANKLE-----	-	-	-	18	18	18	7	25	-	.06	.06	.02	.09	-	2	2
FOOT-----	-	-	-	15	15	15	6	21	-	.05	.05	.02	.07	-	2	2
TOE(S)-----	-	-	1	2	3	3	1	4	-	.01	.01	(*)	.01	-	1	1
LOWER EXTREMITIES, NEC-----	-	-	-	12	12	12	8	20	-	.04	.04	.03	.07	-	2	2
BODY SYSTEMS-----	1	-	-	3	3	4	-	4	(*)	.01	.01	-	.01	21	(*)	21
MULTIPLE PARTS OF BODY-----	1	-	-	32	32	33	5	38	(*)	.11	.12	.02	.13	21	-	30
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
TOTAL OR AVERAGE-----	4	-	7	373	380	384	207	591	.01	1.34	1.36	.73	2.09	85	71	156

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
SURFACE MINES: OPEN PIT:																	
EAR-----	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
EYE-----	-	-	8	8	8	18	-	-	-	52	52	52	-	-	6	6	-
JAW-----	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE--	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-
NOSE-----	-	-	1	1	1	1	-	-	-	10	10	10	-	-	10	10	-
FACE, NEC-----	-	-	3	3	3	1	-	-	-	6	6	6	-	-	2	2	-
HEAD, NEC-----	1	-	9	9	10	7	17	6,000	-	195	195	6,195	-	-	22	620	-
UPPER ARM-----	-	-	2	2	2	-	2	-	-	101	101	101	-	-	50	50	-
ELBOW-----	-	-	4	4	4	3	7	-	-	208	208	208	-	-	52	52	-
FOREARM-----	-	-	4	4	4	7	11	-	-	184	184	184	-	-	46	46	-
WRIST-----	-	-	12	12	12	5	17	-	-	750	750	750	-	-	62	62	-
HAND-----	-	-	9	9	9	8	17	-	-	265	265	265	-	-	29	29	-
FINGER(S)-----	-	-	3	38	41	48	89	-	-	669	904	904	78	-	18	22	-
UPPER EXTREMITIES, NEC--	-	-	1	7	8	6	14	-	235	4,500	94	4,594	4,594	4,500	13	574	-
ABDOMEN-----	-	-	1	1	1	1	2	-	-	7	7	7	-	-	7	7	-
BACK-----	-	-	57	57	57	8	65	-	-	2,381	2,381	2,381	-	-	42	42	-
CHEST-----	-	-	7	7	7	1	8	-	-	84	84	84	-	-	12	12	-
PELVIC REGION-----	-	-	2	6	8	-	8	-	100	395	495	495	50	-	66	62	-
SHOULDER(S)-----	-	-	20	20	20	9	29	-	-	1,145	1,145	1,145	-	-	57	57	-
TRUNK, NEC-----	1	-	2	2	3	-	3	6,000	-	78	78	6,078	-	-	39	2,026	-
THIGH-----	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-	-
KNEE-----	-	-	39	39	39	6	45	-	-	1,724	1,724	1,724	-	-	44	44	-
LOWER LEG-----	-	-	10	10	10	1	11	-	-	349	349	349	-	-	35	35	-
ANKLE-----	-	-	16	16	16	5	21	-	-	546	546	546	-	-	34	34	-
FOOT-----	-	-	10	10	10	5	15	-	-	285	285	285	-	-	28	28	-
TOE(S)-----	-	-	1	2	3	1	4	-	185	62	247	185	185	31	82	-	
LOWER EXTREMITIES, NEC--	-	-	9	9	9	7	16	-	-	438	438	438	-	-	49	49	-
BODY SYSTEMS-----	1	-	1	1	2	-	2	6,000	-	3	3	6,003	-	-	3	3,002	-
MULTIPLE PARTS OF BODY--	1	-	-	28	28	29	4	33	6,000	-	2,355	2,355	8,355	-	84	288	-
TOTAL OR AVERAGE-----	4	-	7	305	312	316	168	484	24,000	-	5,020	12,386	17,406	41,406	717	41	131

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
DREDGE:																	
EYE-----	-	-	-	2	2	2	5	7	-	-	-	14	14	14	-	7	7
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
NOSE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	2	2	2	2	4	-	-	-	38	38	38	-	19	19
NECK-----	-	-	-	2	2	2	-	2	-	-	-	75	75	75	-	38	38
UPPER ARM-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ELBOW-----	-	-	-	1	1	1	-	1	-	-	-	54	54	54	-	54	54
FOREARM-----	-	-	-	1	1	1	1	2	-	-	-	187	187	187	-	187	187
WRIST-----	-	-	-	2	2	2	1	3	-	-	-	17	17	17	-	8	8
HAND-----	-	-	-	2	2	2	2	4	-	-	-	3	3	3	-	2	2
FINGER(S)-----	-	-	-	4	4	4	11	15	-	-	-	37	37	37	-	9	9
ABDOMEN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BACK-----	-	-	-	13	13	13	1	14	-	-	-	585	585	585	-	45	45
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
SHOULDER(S)-----	-	-	-	8	8	8	1	9	-	-	-	394	394	394	-	49	49
TRUNK, NEC-----	-	-	-	2	2	2	-	2	-	-	-	23	23	23	-	12	12
THIGH-----	-	-	-	4	4	4	-	4	-	-	-	413	413	413	-	103	103
KNEE-----	-	-	-	8	8	8	1	9	-	-	-	404	404	404	-	50	50
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ANKLE-----	-	-	-	2	2	2	1	3	-	-	-	4	4	4	-	2	2
FOOT-----	-	-	-	5	5	5	1	6	-	-	-	146	146	146	-	29	29
LOWER EXTREMITIES, NEC-----	-	-	-	2	2	2	1	3	-	-	-	115	115	115	-	58	58
BODY SYSTEMS-----	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	4	4
MULTIPLE PARTS OF BODY-----	-	-	-	4	4	4	-	4	-	-	-	119	119	119	-	30	30
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	67	67	67	37	104	-	-	-	2,666	2,666	2,666	-	40	40

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
TOTAL OR AVERAGE, MINING:																	
EAR-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
EYE-----	-	-	-	10	10	23	33	-	-	-	66	66	66	-	-	7	7
JAW-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	9	9	-	-	-	-	-	-	-	-	-	-
NOSE-----	-	-	-	1	1	2	3	-	-	-	10	10	10	-	-	10	10
FACE, NEC-----	-	-	-	3	3	3	6	-	-	-	6	6	6	-	-	2	2
HEAD, NEC-----	1	-	-	11	11	12	9	6,000	-	-	233	233	6,233	-	-	21	519
NECK-----	-	-	-	2	2	2	2	-	-	-	75	75	75	-	-	38	38
UPPER ARM-----	-	-	-	2	2	2	1	-	-	-	101	101	101	-	-	50	50
ELBOW-----	-	-	-	5	5	5	3	-	-	-	262	262	262	-	-	52	52
FOREARM-----	-	-	-	5	5	5	8	-	-	-	371	371	371	-	-	74	74
WRIST-----	-	-	-	14	14	14	6	-	-	-	767	767	767	-	-	55	55
HAND-----	-	-	-	11	11	11	10	-	-	-	268	268	268	-	-	24	24
FINGER(S)-----	-	-	3	42	45	45	59	-	-	-	706	941	941	-	78	17	21
UPPER EXTREMITIES, NEC-----	-	-	1	7	8	8	6	-	-	4,500	94	4,594	4,594	4,500	13	574	
ABDOMEN-----	-	-	-	1	1	1	2	-	-	-	7	7	7	-	-	7	7
BACK-----	-	-	-	70	70	70	9	-	-	-	2,966	2,966	2,966	-	-	42	42
CHEST-----	-	-	-	7	7	7	1	-	-	-	84	84	84	-	-	12	12
PELVIC REGION-----	-	-	2	7	9	9	-	-	-	100	425	525	525	50	61	58	
SHOULDER(S)-----	-	-	-	28	28	28	10	-	-	-	1,539	1,539	1,539	-	-	55	55
TRUNK, NEC-----	1	-	-	4	4	5	-	-	-	-	101	101	6,101	-	-	25	1,220
THIGH-----	-	-	-	4	4	4	6	-	-	-	413	413	413	-	-	103	103
KNEE-----	-	-	-	47	47	47	7	-	-	-	2,128	2,128	2,128	-	-	45	45
LOWER LEG-----	-	-	-	10	10	10	2	-	-	-	349	349	349	-	-	35	35
ANKLE-----	-	-	-	18	18	18	6	-	-	-	550	550	550	-	-	31	31
FOOT-----	-	-	-	15	15	15	6	-	-	-	431	431	431	-	-	29	29
TOE(S)-----	-	-	1	2	3	3	1	-	-	185	62	247	247	185	31	82	
LOWER EXTREMITIES, NEC-----	-	-	-	11	11	11	8	-	-	-	553	553	553	-	-	50	50
BODY SYSTEMS-----	1	-	-	3	3	4	-	-	-	-	11	11	6,011	-	-	4	1,503
MULTIPLE PARTS OF BODY-----	1	-	-	32	32	33	4	6,000	-	-	2,474	2,474	8,474	-	-	77	257
UNCLASSIFIED-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	4	-	7	372	379	383	205	24,000	-	5,020	15,052	20,072	44,072	717	40	115	
OFFICE:																	
ANKLE-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	-	-	-	3	3	3	-	-	3	3
MULTIPLE PARTS OF BODY-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	-	-	-	3	3	3	-	3	3	

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
GRAND TOTAL OR AVERAGE:-----	4	-	7	373	380	384	207	591	24,000	-	5,020	15,055	20,075	44,075	717	40	115
EAR-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
EYE-----	-	-	-	10	10	10	23	33	-	-	-	66	66	66	-	7	7
JAW-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	9	9	-	-	-	-	-	-	-	-	-
NOSE-----	-	-	-	1	1	1	2	3	-	-	10	10	10	-	10	10	-
FACE, NEC-----	-	-	-	3	3	3	3	6	-	-	6	6	6	-	2	2	-
HEAD, NEC-----	1	-	-	11	11	12	9	21	6,000	-	233	233	6,233	-	21	519	-
NECK-----	-	-	-	2	2	2	-	2	-	-	75	75	75	-	38	38	-
UPPER ARM-----	-	-	-	2	2	2	1	3	-	-	101	101	101	-	50	50	-
ELBOW-----	-	-	-	5	5	5	3	8	-	-	262	262	262	-	52	52	-
FOREARM-----	-	-	-	5	5	5	8	13	-	-	371	371	371	-	74	74	-
WRIST-----	-	-	-	14	14	14	6	20	-	-	767	767	767	-	55	55	-
HAND-----	-	-	-	11	11	11	10	21	-	-	268	268	268	-	24	24	-
FINGER(S)-----	-	-	3	42	45	45	59	104	-	-	706	941	941	78	17	21	-
UPPER EXTREMITIES, NEC-----	-	-	1	7	8	8	6	14	-	4,500	94	4,594	4,594	4,500	13	574	-
ABDOMEN-----	-	-	-	1	1	1	2	3	-	-	7	7	7	-	7	7	-
BACK-----	-	-	-	70	70	70	9	79	-	-	2,966	2,966	2,966	-	42	42	-
CHEST-----	-	-	-	7	7	7	1	8	-	-	84	84	84	-	12	12	-
PELVIC REGION-----	-	-	2	7	9	9	-	9	-	100	425	525	525	50	61	58	-
SHOULDER(S)-----	-	-	-	28	28	28	10	38	-	-	1,539	1,539	1,539	-	55	55	-
TRUNK, NEC-----	1	-	-	4	4	5	-	5	6,000	-	101	101	6,101	-	25	1,220	-
THIGH-----	-	-	-	4	4	4	6	10	-	-	413	413	413	-	103	103	-
KNEE-----	-	-	-	47	47	47	7	54	-	-	2,128	2,128	2,128	-	45	45	-
LOWER LEG-----	-	-	-	10	10	10	2	12	-	-	349	349	349	-	35	35	-
ANKLE-----	-	-	-	18	18	18	7	25	-	-	550	550	550	-	31	31	-
FOOT-----	-	-	-	15	15	15	6	21	-	-	431	431	431	-	29	29	-
TOE(S)-----	-	-	1	2	3	3	1	4	-	185	62	247	247	185	31	82	-
LOWER EXTREMITIES, NEC-----	-	-	-	12	12	12	8	20	-	-	556	556	556	-	46	46	-
BODY SYSTEMS-----	1	-	-	3	3	4	-	4	6,000	-	11	11	6,011	-	4	1,503	-
MULTIPLE PARTS OF BODY-----	1	-	-	32	32	33	5	38	6,000	-	2,474	2,474	8,474	-	77	257	-
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-

TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT SAND AND GRAVEL 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	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPO-RARY	TOTAL NFDL											
		TOTAL	PARTIAL													
SURFACE MINES:																
OPEN PIT:																
AMPUTATION/ENUCLEATION--	-	-	5	-	5	5	-	5	-	.02	.02	-	.02	-	24	24
ASPHYXIATION/DROWNING--	1	-	-	-	-	1	-	1	-	(*)	-	(*)	(*)	29	-	29
BURN/SCALD (NOT CHEM.)--	-	-	-	-	5	5	4	9	-	.02	.02	.02	.04	-	(*)	(*)
CHEMICAL BURN--	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	.01	-	(*)	(*)
CONCUSSION (CEREBRAL)--	-	-	-	5	5	5	2	7	-	.02	.02	.01	.03	-	1	1
CONTUSION OR BRUISE--	1	-	-	30	30	31	17	48	(*)	.14	.15	.08	.23	29	2	31
CUT OR PUNCTURE--	-	-	-	39	39	39	79	118	-	.19	.19	.38	.57	-	5	5
DISLOCATION--	-	-	-	3	3	3	1	4	-	.01	.01	(*)	.02	-	1	1
DUST IN EYE--	-	-	-	4	4	4	8	12	-	.02	.02	.04	.06	-	(*)	(*)
FRACTURE--	-	-	-	41	41	41	21	62	-	.20	.20	.10	.30	-	11	11
HERNIA (NOT DI SC)--	-	-	2	4	6	6	-	6	-	.03	.03	-	.03	-	1	1
POISONING (SYSTEMIC)--	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
RADIATION/ULTRA VIOLET--	-	-	-	-	-	-	2	2	-	-	-	.01	.01	-	-	-
SCRATCH/ABRASION--	-	-	-	3	3	3	2	5	-	.01	.01	.01	.02	-	(*)	(*)
STRAIN/SPRAIN--	-	-	-	121	121	121	21	142	-	.58	.58	.10	.68	-	25	25
MULTIPLE INJURIES--	1	-	-	6	6	7	3	10	(*)	.03	.03	.01	.05	29	3	32
OTHER INJURY, NEC--	1	-	-	4	4	5	-	5	(*)	.02	.02	-	.02	29	(*)	29
UNCLASSIFIED (NO DATA)--	-	-	-	38	38	38	7	45	-	.18	.18	.03	.22	-	10	10
TOTAL OR AVERAGE----	4	-	7	305	312	316	168	484	.02	1.50	1.52	.81	2.33	116	84	199
DREDGE:																
BURN/SCALD (NOT CHEM.)--	-	-	-	1	1	1	2	3	-	.03	.03	.05	.08	-	3	3
CONCUSSION (CEREBRAL)--	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	1	1
CONTUSION OR BRUISE--	-	-	-	9	9	9	4	13	-	.23	.23	.10	.34	-	1	1
CUT OR PUNCTURE--	-	-	-	4	4	4	19	23	-	.10	.10	.50	.60	-	1	1
DISLOCATION--	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
DUST IN EYE--	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
FRACTURE--	-	-	-	7	7	7	4	11	-	.18	.18	.10	.29	-	17	17
HERNIA (NOT DI SC)--	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	1	1
POISONING (SYSTEMIC)--	-	-	-	2	2	2	-	2	-	.05	.05	-	.05	-	(*)	(*)
RADIATION/ULTRA VIOLET--	-	-	-	1	1	1	1	2	-	.03	.03	.03	.05	-	(*)	(*)
SCRATCH/ABRASION--	-	-	-	1	1	1	1	2	-	.03	.03	.03	.05	-	(*)	(*)
STRAIN/SPRAIN--	-	-	-	31	31	31	1	32	-	.81	.81	.03	.83	-	37	37
MULTIPLE INJURIES--	-	-	-	1	1	1	2	3	-	.03	.03	.05	.08	-	(*)	(*)
UNCLASSIFIED (NO DATA)--	-	-	-	7	7	7	2	9	-	.18	.18	.05	.23	-	8	8
TOTAL OR AVERAGE----	-	-	-	67	67	67	37	104	-	1.75	1.75	.96	2.71	-	69	69

TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT SAND AND GRAVEL 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	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	
		PERMANENT		TEMPO-RARY	TOTAL NFDL												
		TOTAL	PARTIAL														
TOTAL OR AVERAGE, MINING:	-	-	5	-	5	5	-	5	-	.02	1.54	1.56	.83	2.39	98	82	179
AMPUTATION/ENUCLEATION-----	-	-	-	-	5	5	-	5	-	.02	.02	-	.02	-	-	20	20
ASPHYXIATION/DROWNING-----	1	-	-	-	1	1	-	1	(*)	-	(*)	-	(*)	-	24	-	24
BURN/SCALD (NOT CHEM.)-----	-	-	-	6	6	6	6	12	(*)	.02	.02	.02	.05	-	-	1	1
CHEMICAL BURN-----	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	.01	-	(*)	(*)	(*)
CONCUSSION (CEREBRAL)-----	-	-	-	6	6	6	2	8	-	.02	.02	.01	.03	-	-	1	1
CONTUSION OR BRUISE-----	1	-	-	39	39	40	21	61	(*)	.16	.16	.09	.25	24	2	2	27
CUT OR PUNCTURE-----	-	-	-	43	43	43	98	141	-	.17	.17	.40	.57	-	4	4	4
DISLOCATION-----	-	-	-	4	4	4	1	5	-	.02	.02	(*)	.02	-	(*)	(*)	(*)
DUST IN EYE-----	-	-	-	4	4	4	9	13	-	.02	.02	.04	.05	-	(*)	(*)	(*)
FRACTURE-----	-	-	-	48	48	48	25	73	-	.20	.20	.10	.30	-	12	12	12
HERNIA (NOT DISC)-----	-	-	2	5	7	7	-	7	-	.03	.03	-	.03	-	-	1	1
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	-	3	-	.01	.01	-	.01	-	(*)	(*)	(*)
RADIATION/ULTRA VIOLET-----	-	-	-	1	1	1	3	4	-	(*)	(*)	.01	.02	-	(*)	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	4	4	4	3	7	-	.02	.02	.01	.03	-	(*)	(*)	(*)
STRAIN/SPRAIN-----	-	-	-	152	152	152	22	174	-	.62	.62	.09	.71	-	27	27	27
MULTIPLE INJURIES-----	1	-	-	7	7	8	5	13	(*)	.03	.03	.02	.05	24	3	27	27
OTHER INJURY, NEC-----	1	-	-	4	4	5	-	5	(*)	.02	.02	-	.02	24	(*)	25	25
UNCLASSIFIED (NO DATA)-----	-	-	-	45	45	45	9	54	-	.18	.18	.04	.22	-	10	10	10
TOTAL OR AVERAGE-----	4	-	7	372	379	383	205	588	.02	1.54	1.56	.83	2.39	98	82	179	
OFFICE:																	
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)	(*)
STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	.03	.03	.05	.08	-	(*)	(*)	(*)
GRAND TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION-----	-	-	5	-	5	5	-	5	-	.02	.02	-	.02	-	-	17	17
ASPHYXIATION/DROWNING-----	1	-	-	-	1	1	-	1	(*)	-	(*)	-	(*)	21	-	21	21
BURN/SCALD (NOT CHEM.)-----	-	-	-	6	6	6	6	12	-	.02	.02	.02	.04	-	1	1	1
CHEMICAL BURN-----	-	-	-	2	2	2	1	3	-	.01	.01	(*)	.01	-	(*)	(*)	(*)
CONCUSSION (CEREBRAL)-----	-	-	-	6	6	6	2	8	-	.02	.02	.01	.03	-	1	1	1
CONTUSION OR BRUISE-----	1	-	-	39	39	40	21	61	(*)	.14	.14	.07	.22	21	2	23	23
CUT OR PUNCTURE-----	-	-	-	43	43	43	98	141	-	.15	.15	.35	.50	-	3	3	3
DISLOCATION-----	-	-	-	4	4	4	1	5	-	.01	.01	(*)	.02	-	(*)	(*)	(*)
DUST IN EYE-----	-	-	-	4	4	4	9	13	-	.01	.01	.03	.05	-	(*)	(*)	(*)
FRACTURE-----	-	-	-	48	48	48	25	73	-	.17	.17	.09	.26	-	10	10	10
HERNIA (NOT DISC)-----	-	-	2	5	7	7	-	7	-	.02	.02	-	.02	-	-	1	1
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	-	3	-	.01	.01	-	.01	-	(*)	(*)	(*)
RADIATION/ULTRA VIOLET-----	-	-	-	1	1	1	3	4	-	(*)	(*)	.01	.01	-	(*)	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	4	4	4	3	7	-	.01	.01	.01	.02	-	(*)	(*)	(*)
STRAIN/SPRAIN-----	-	-	-	152	152	152	23	175	-	.54	.54	.08	.62	-	24	24	24
MULTIPLE INJURIES-----	1	-	-	7	7	8	5	13	(*)	.02	.03	.02	.05	21	2	24	24
OTHER INJURY, NEC-----	1	-	-	4	4	5	-	5	(*)	.01	.02	-	.02	21	(*)	21	21
UNCLASSIFIED (NO DATA)-----	-	-	-	45	45	45	10	55	-	.16	.16	.04	.19	-	9	9	9
TOTAL OR AVERAGE-----	4	-	7	373	380	384	207	591	.01	1.34	1.36	.73	2.09	85	71	156	

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
AMPUTATION/ENUCLEATION	-	-	5	-	5	5	-	5	-	-	4,920	-	4,920	4,920	984	-	984
ASPHYXIATION/DROWNING	1	-	-	-	-	1	-	-	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)	-	-	-	5	5	5	4	9	-	-	-	55	55	55	-	11	11
CHEMICAL BURN	-	-	-	1	1	1	1	2	-	-	-	6	6	6	-	6	6
CONCUSSION (CEREBRAL)	-	-	-	5	5	5	2	7	-	-	-	155	155	155	-	31	31
CONTUSION OR BRUISE	1	-	-	30	30	31	17	48	6,000	-	-	489	489	6,489	-	16	209
CUT OR PUNCTURE	-	-	-	39	39	39	79	118	-	-	-	941	941	941	-	24	24
DISLOCATION	-	-	-	3	3	3	1	4	-	-	-	108	108	108	-	36	36
DUST IN EYE	-	-	-	4	4	4	8	12	-	-	-	38	38	38	-	10	10
FRACTURE	-	-	-	41	41	41	21	62	-	-	-	2,272	2,272	2,272	-	55	55
HERNIA (NOT DISC)	-	-	2	4	6	6	-	6	-	-	100	186	286	286	50	46	48
POISONING (SYSTEMIC)	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
RADIATION/ULTRA VIOLET	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
SCRATCH/ABRASION	-	-	-	3	3	3	2	5	-	-	-	13	13	13	-	4	4
STRAIN/SPRAIN	-	-	-	121	121	121	21	142	-	-	-	5,280	5,280	5,280	-	44	44
MULTIPLE INJURIES	1	-	-	6	6	7	3	10	6,000	-	-	662	662	6,662	-	110	952
OTHER INJURY, NEC	1	-	-	4	4	5	-	5	6,000	-	-	36	36	6,036	-	9	1,207
UNCLASSIFIED (NO DATA)	-	-	-	38	38	38	7	45	-	-	-	2,142	2,142	2,142	-	56	56
TOTAL OR AVERAGE	4	-	7	305	312	316	168	484	24,000	-	5,020	12,386	17,406	41,406	717	41	131
DREDGE:																	
BURN/SCALD (NOT CHEM.)	-	-	-	1	1	1	2	3	-	-	-	98	98	98	-	98	98
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25
CONTUSION OR BRUISE	-	-	-	9	9	9	4	13	-	-	-	51	51	51	-	6	6
CUT OR PUNCTURE	-	-	-	4	4	4	19	23	-	-	-	31	31	31	-	8	8
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
DUST IN EYE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	7	7	7	4	11	-	-	-	664	664	664	-	95	95
HERNIA (NOT DISC)	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
POISONING (SYSTEMIC)	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	4	4
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
SCRATCH/ABRASION	-	-	-	1	1	1	1	2	-	-	-	13	13	13	-	13	13
STRAIN/SPRAIN	-	-	-	31	31	31	1	32	-	-	-	1,425	1,425	1,425	-	46	46
MULTIPLE INJURIES	-	-	-	1	1	1	2	3	-	-	-	6	6	6	-	6	6
UNCLASSIFIED (NO DATA)	-	-	-	7	7	7	2	9	-	-	-	304	304	304	-	43	43
TOTAL OR AVERAGE	-	-	-	67	67	67	37	104	-	-	-	2,666	2,666	2,666	-	40	40

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:	-	-	5	-	5	5	-	5	-	-	4,920	-	4,920	4,920	984	-	984
AMPUTATION/ENUCLEATION----	-	-	-	-	-	1	-	1	-	-	-	-	-	6,000	-	-	6,000
ASPHYXIATION/DROWNING----	1	-	-	-	6	6	6	12	6,000	-	-	153	153	6,000	-	26	6,000
BURN/SCALD (NOT CHEM.)----	-	-	-	-	1	1	1	2	-	-	-	6	6	-	-	6	6
CHEMICAL BURN-----	-	-	-	-	6	6	2	8	-	-	-	180	180	180	-	30	30
CONCUSSION (CEREBRAL)----	-	-	-	-	39	39	21	61	6,000	-	-	540	540	6,540	-	14	164
CONTUSION OR BRUISE-----	1	-	-	-	43	43	98	141	-	-	-	972	972	-	-	23	23
CUT OR PUNCTURE-----	-	-	-	-	4	4	1	5	-	-	-	118	118	-	-	30	30
DISLOCATION-----	-	-	-	-	4	4	9	13	-	-	-	38	38	-	-	10	10
DUST IN EYE-----	-	-	-	-	48	48	25	73	-	-	-	2,936	2,936	2,936	-	61	61
FRACTURE-----	-	-	-	-	5	7	-	7	-	-	100	216	316	50	43	45	
HERNIA (NOT DISC)-----	-	2	-	-	3	3	-	3	-	-	-	11	11	-	4	4	
POISONING (SYSTEMIC)-----	-	-	-	-	1	1	3	4	-	-	-	1	1	-	1	1	
RADIATION/ULTRA VIOLET----	-	-	-	-	4	4	3	7	-	-	-	26	26	-	6	6	
SCRATCH/ABRASION-----	-	-	-	-	152	152	22	174	-	-	-	6,705	6,705	6,705	-	44	44
STRAIN/SPRAIN-----	-	-	-	-	7	7	8	13	6,000	-	-	668	668	6,668	-	95	834
MULTIPLE INJURIES-----	1	-	-	-	4	4	5	5	6,000	-	-	36	36	6,036	-	9	1,207
OTHER INJURY, NEC-----	1	-	-	-	45	45	9	54	6,000	-	-	2,446	2,446	2,446	-	54	54
UNCLASSIFIED (NO DATA)----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	4	-	7	372	379	383	205	588	24,000	-	5,020	15,052	20,072	44,072	717	40	115
OFFICE:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHEMICAL BURN-----	-	-	-	-	1	1	-	1	-	-	-	3	3	3	-	3	3
STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3
GRAND TOTAL OR AVERAGE:	-	-	5	-	5	5	-	5	-	-	4,920	-	4,920	4,920	984	-	984
AMPUTATION/ENUCLEATION----	1	-	-	-	6	6	6	12	6,000	-	-	153	153	6,000	-	26	6,000
ASPHYXIATION/DROWNING----	-	-	-	-	2	2	1	3	-	-	-	9	9	-	-	4	4
BURN/SCALD (NOT CHEM.)----	-	-	-	-	6	6	2	8	-	-	-	180	180	180	-	30	30
CHEMICAL BURN-----	-	-	-	-	39	39	21	61	6,000	-	-	540	540	6,540	-	14	164
CONCUSSION (CEREBRAL)----	1	-	-	-	43	43	98	141	-	-	-	972	972	-	-	23	23
CONTUSION OR BRUISE-----	-	-	-	-	4	4	1	5	-	-	-	118	118	-	-	30	30
CUT OR PUNCTURE-----	-	-	-	-	4	4	9	13	-	-	-	38	38	-	-	10	10
DISLOCATION-----	-	-	-	-	48	48	25	73	-	-	-	2,936	2,936	2,936	-	61	61
DUST IN EYE-----	-	-	-	-	5	7	-	7	-	-	100	216	316	50	43	45	
FRACTURE-----	-	2	-	-	3	3	-	3	-	-	-	11	11	-	4	4	
HERNIA (NOT DISC)-----	-	-	-	-	1	1	3	4	-	-	-	1	1	-	1	1	
POISONING (SYSTEMIC)-----	-	-	-	-	4	4	3	7	-	-	-	26	26	-	6	6	
RADIATION/ULTRA VIOLET----	-	-	-	-	152	152	23	175	-	-	-	6,705	6,705	6,705	-	44	44
SCRATCH/ABRASION-----	-	-	-	-	7	7	8	13	6,000	-	-	668	668	6,668	-	95	834
STRAIN/SPRAIN-----	1	-	-	-	4	4	5	5	6,000	-	-	36	36	6,036	-	9	1,207
MULTIPLE INJURIES-----	1	-	-	-	45	45	10	55	6,000	-	-	2,446	2,446	2,446	-	54	54
OTHER INJURY, NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	4	-	7	373	380	384	207	591	24,000	-	5,020	15,055	20,075	44,075	717	40	115

TABLE 10. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
EAR:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
EYE:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	1	1	1	6	7	-	-	-	1	1	1	-	-	1
DUST IN EYE-----	-	-	-	4	4	4	9	13	-	-	-	38	38	38	-	10	10
RADIATION/ULTRA VIOLET-----	-	-	-	1	1	1	3	4	-	-	-	1	1	1	-	1	1
SCRATCH/ABRASION-----	-	-	-	4	4	4	2	6	-	-	-	26	26	26	-	6	6
TOTAL OR AVERAGE-----	-	-	-	10	10	10	23	33	-	-	-	66	66	66	-	7	7
JAW:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE:																	
FRACTURE-----	-	-	-	-	-	-	8	8	-	-	-	-	-	-	-	-	-
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	9	9	-	-	-	-	-	-	-	-	-
NOSE:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	-	10	10	10	-	10	10
FACE, NEC:																	
CUT OR PUNCTURE-----	-	-	-	2	2	2	3	5	-	-	-	5	5	5	-	2	2
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE-----	-	-	-	3	3	3	3	6	-	-	-	6	6	6	-	2	2
HEAD, NEC:																	
CONCUSSION (CEREBRAL)-----	-	-	-	6	6	6	2	8	-	-	-	180	180	180	-	30	30
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	2	2	2	5	7	-	-	-	12	12	12	-	6	6
OTHER INJURY, NEC-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	1	4	-	-	-	41	41	41	-	14	14
TOTAL OR AVERAGE-----	1	-	-	11	11	12	9	21	6,000	-	-	233	233	6,233	-	21	519

TABLE 10. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
NECK:																	
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	73	73	73	-	73	73
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	75	75	75	-	38	38
UPPER ARM:																	
CUT OR PUNCTURE-----	-	-	-	2	2	2	1	3	-	-	-	101	101	101	-	50	50
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	101	101	101	-	50	50
ELBOW:																	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	74	74	74	-	37	37
FRACTURE-----	-	-	-	1	1	1	1	2	-	-	-	54	54	54	-	54	54
STRAIN/SPRAIN-----	-	-	-	1	1	1	1	2	-	-	-	131	131	131	-	131	131
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	5	5	5	3	8	-	-	-	262	262	262	-	52	52
FOREARM:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
CHEMICAL BURN-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	2	2	2	6	8	-	-	-	159	159	159	-	80	80
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	187	187	187	-	187	187
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
TOTAL OR AVERAGE-----	-	-	-	5	5	5	8	13	-	-	-	371	371	371	-	74	74
WRIST:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	35	35	35	-	35	35
CUT OR PUNCTURE-----	-	-	-	3	3	3	3	6	-	-	-	114	114	114	-	38	38
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	281	281	281	-	94	94
STRAIN/SPRAIN-----	-	-	-	7	7	7	2	9	-	-	-	337	337	337	-	48	48
UNCLASSIFIED (NO DATA)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	14	14	14	6	20	-	-	-	767	767	767	-	55	55
HAND:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
CONTUSION OR BRUISE-----	-	-	-	2	2	2	1	3	-	-	-	2	2	2	-	1	1
CUT OR PUNCTURE-----	-	-	-	3	3	3	8	11	-	-	-	44	44	44	-	15	15
FRACTURE-----	-	-	-	2	2	2	1	3	-	-	-	160	160	160	-	80	80
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	41	41	41	-	20	20
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
TOTAL OR AVERAGE-----	-	-	-	11	11	11	10	21	-	-	-	268	268	268	-	24	24

TABLE 10. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
FINGER(S):																	
AMPUTATION/ENUCLEATION-----	-	-	3	-	3	3	-	3	-	-	235	-	235	235	78	-	78
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	6	6	6	8	14	-	-	68	68	68	68	-	11	11
CUT OR PUNCTURE-----	-	-	-	23	23	23	38	61	-	-	449	449	449	449	-	20	20
FRACTURE-----	-	-	-	8	8	8	11	19	-	-	112	112	112	112	-	14	14
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	5	5	5	-	5	-	-	77	77	77	77	-	15	15
TOTAL OR AVERAGE-----	-	-	3	42	45	45	59	104	-	-	235	706	941	941	78	17	21
UPPER EXTREMITIES, NEC:																	
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	4,500	-	4,500	4,500	4,500	-	4,500
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	2	2	2	2	-	2	2
CUT OR PUNCTURE-----	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	25	25	25	25	-	25	25
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	37	37	37	37	-	18	18
STRAIN/SPRAIN-----	-	-	-	3	3	3	1	4	-	-	30	30	30	30	-	10	10
TOTAL OR AVERAGE-----	-	-	1	7	8	8	6	14	-	-	4,500	94	4,594	4,594	4,500	13	574
ABDOMEN:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	1	1	1	1	2	-	-	7	7	7	7	-	7	7
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	7	7	7	7	-	7	7
BACK:																	
CONTUSION OR BRUISE-----	-	-	-	4	4	4	2	6	-	-	61	61	61	61	-	15	15
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	81	81	81	81	-	81	81
STRAIN/SPRAIN-----	-	-	-	48	48	48	5	53	-	-	1,826	1,826	1,826	1,826	-	38	38
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	105	105	105	105	-	105	105
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	8	8	8	8	-	8	8
UNCLASSIFIED (NO DATA)-----	-	-	-	15	15	15	2	17	-	-	885	885	885	885	-	59	59
TOTAL OR AVERAGE-----	-	-	-	70	70	70	9	79	-	-	2,966	2,966	2,966	2,966	-	42	42
CHEST:																	
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	6	6	6	6	-	6	6
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	23	23	23	23	-	8	8
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	38	38	38	38	-	38	38
OTHER INJURY, NEC-----	-	-	-	2	2	2	-	2	-	-	17	17	17	17	-	8	8
TOTAL OR AVERAGE-----	-	-	-	7	7	7	1	8	-	-	84	84	84	84	-	12	12

TABLE 10. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
PELVIC REGION:																	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	201	201	201	-	201	201
HERNIA (NOT DISC)-----	-	-	2	5	7	7	-	7	-	-	100	216	316	316	50	43	45
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
TOTAL OR AVERAGE-----	-	-	2	7	9	9	-	9	-	-	100	425	525	525	50	61	58
SHOULDER(S):																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
DISLOCATION-----	-	-	-	2	2	2	1	3	-	-	-	15	15	15	-	8	8
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
STRAIN/SPRAIN-----	-	-	-	19	19	19	5	24	-	-	-	1,062	1,062	1,062	-	56	56
MULTIPLE INJURIES-----	-	-	-	1	1	1	1	2	-	-	-	181	181	181	-	181	181
UNCLASSIFIED (NO DATA)-----	-	-	-	4	4	4	1	5	-	-	-	257	257	257	-	64	64
TOTAL OR AVERAGE-----	-	-	-	28	28	28	10	38	-	-	-	1,539	1,539	1,539	-	55	55
TRUNK, NEC:																	
CONTUSION OR BRUISE-----	1	-	-	2	2	3	-	3	6,000	-	-	30	30	6,030	-	15	2,010
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	71	71	71	-	36	36
TOTAL OR AVERAGE-----	1	-	-	4	4	5	-	5	6,000	-	-	101	101	6,101	-	25	1,220
THIGH:																	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	12	12	12	-	6	6
CUT OR PUNCTURE-----	-	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	365	365	365	-	365	365
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	36	36	36	-	36	36
TOTAL OR AVERAGE-----	-	-	-	4	4	4	6	10	-	-	-	413	413	413	-	103	103
KNEE:																	
CONTUSION OR BRUISE-----	-	-	-	6	6	6	2	8	-	-	-	67	67	67	-	11	11
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
STRAIN/SPRAIN-----	-	-	-	34	34	34	2	36	-	-	-	1,600	1,600	1,600	-	47	47
MULTIPLE INJURIES-----	-	-	-	1	1	1	1	1	-	-	-	1	1	1	-	1	1
UNCLASSIFIED (NO DATA)-----	-	-	-	5	5	5	2	7	-	-	-	439	439	439	-	88	88
TOTAL OR AVERAGE-----	-	-	-	47	47	47	7	54	-	-	-	2,128	2,128	2,128	-	45	45
LOWER LEG:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25
CONTUSION OR BRUISE-----	-	-	-	3	3	3	-	3	-	-	-	72	72	72	-	24	24
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	26	26	26	-	26	26
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	179	179	179	-	90	90
STRAIN/SPRAIN-----	-	-	-	3	3	3	1	4	-	-	-	47	47	47	-	16	16
TOTAL OR AVERAGE-----	-	-	-	10	10	10	2	12	-	-	-	349	349	349	-	35	35

TABLE 10. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ANKLE:																	
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	78	78	78	-	78	78
FRACTURE-----	-	-	-	2	2	2	1	3	-	-	-	75	75	75	-	38	38
STRAIN/SPRAIN-----	-	-	-	14	14	14	5	19	-	-	-	278	278	278	-	20	20
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	119	119	119	-	119	119
TOTAL OR AVERAGE-----	-	-	-	18	18	18	7	25	-	-	-	550	550	550	-	31	31
FOOT:																	
CONTUSION OR BRUISE-----	-	-	-	4	4	4	2	6	-	-	-	41	41	41	-	10	10
CUT OR PUNCTURE-----	-	-	-	1	1	1	2	3	-	-	-	4	4	4	-	4	4
FRACTURE-----	-	-	-	6	6	6	2	8	-	-	-	270	270	270	-	45	45
STRAIN/SPRAIN-----	-	-	-	4	4	4	-	4	-	-	-	116	116	116	-	29	29
TOTAL OR AVERAGE-----	-	-	-	15	15	15	6	21	-	-	-	431	431	431	-	29	29
TOE(S):																	
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	185	-	185	185	185	-	185
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	52	52	52	-	52	52
TOTAL OR AVERAGE-----	-	-	1	2	3	3	1	4	-	-	185	62	247	247	185	31	82
LOWER EXTREMITIES, NEC:																	
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	2	-	-	-	6	6	6	-	6	6
CUT OR PUNCTURE-----	-	-	-	3	3	3	7	10	-	-	-	57	57	57	-	19	19
FRACTURE-----	-	-	-	4	4	4	-	4	-	-	-	326	326	326	-	82	82
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	153	153	153	-	76	76
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11
TOTAL OR AVERAGE-----	-	-	-	12	12	12	8	20	-	-	-	556	556	556	-	46	46
BODY SYSTEMS:																	
ASPHYXIATION/DROWNING-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	-	3	-	-	-	11	11	11	-	4	4
TOTAL OR AVERAGE-----	1	-	-	3	3	4	-	4	6,000	-	-	11	11	6,011	-	4	1,503
MULTIPLE PARTS OF BODY:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	3	3	3	-	3	-	-	-	106	106	106	-	35	35
CONTUSION OR BRUISE-----	-	-	-	4	4	4	1	5	-	-	-	60	60	60	-	15	15
FRACTURE-----	-	-	-	6	6	6	-	6	-	-	-	646	646	646	-	108	108
STRAIN/SPRAIN-----	-	-	-	9	9	9	-	9	-	-	-	806	806	806	-	90	90
MULTIPLE INJURIES-----	1	-	-	3	3	4	2	6	6,000	-	-	380	380	6,380	-	127	1,595
UNCLASSIFIED (NO DATA)-----	-	-	-	7	7	7	2	9	-	-	-	476	476	476	-	68	68
TOTAL OR AVERAGE-----	1	-	-	32	32	33	5	38	6,000	-	-	2,474	2,474	8,474	-	77	257

TABLE 10. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
UNCLASSIFIED:																	
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION----	-	-	5	-	5	5	-	5	-	-	4,920	-	4,920	4,920	984	-	984
ASPHYXIATION/DROWNING----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)----	-	-	6	-	6	6	6	12	-	-	-	153	153	-	26	26	
CHEMICAL BURN-----	-	-	2	-	2	2	1	3	-	-	-	9	9	-	4	4	
CONCUSSION (CEREBRAL)-----	-	-	6	-	6	6	2	8	-	-	-	180	180	-	30	30	
CONTUSION OR BRUISE-----	1	-	-	39	39	40	21	61	6,000	-	-	540	540	-	14	164	
CUT OR PUNCTURE-----	-	-	43	-	43	43	98	141	-	-	-	972	972	-	23	23	
DISLOCATION-----	-	-	4	-	4	4	1	5	-	-	-	118	118	-	30	30	
DUST IN EYE-----	-	-	4	-	4	4	9	13	-	-	-	38	38	-	10	10	
FRACTURE-----	-	-	48	-	48	48	25	73	-	-	-	2,936	2,936	-	61	61	
HERNIA (NOT DISC)-----	-	-	2	-	2	2	-	2	-	-	100	216	316	50	43	45	
POISONING (SYSTEMIC)-----	-	-	3	-	3	3	-	3	-	-	-	11	11	-	4	4	
RADIATION/ULTRAVIOLET-----	-	-	1	-	1	1	3	4	-	-	-	1	1	-	1	1	
SCRATCH/ABRASION-----	-	-	4	-	4	4	3	7	-	-	-	26	26	-	6	6	
STRAIN/SPRAIN-----	-	-	152	-	152	152	23	175	-	-	-	6,705	6,705	-	44	44	
MULTIPLE INJURIES-----	1	-	-	7	7	8	5	13	6,000	-	-	668	668	-	95	834	
OTHER INJURY, NEC-----	1	-	-	4	4	5	-	5	6,000	-	-	36	36	-	9	1,207	
UNCLASSIFIED (NO DATA)-----	-	-	-	45	45	45	10	55	-	-	-	2,446	2,446	-	54	54	
TOTAL OR AVERAGE-----	4	-	7	373	380	384	207	591	24,000	-	5,020	15,055	20,075	44,075	717	40	115

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL 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					
OPEN PIT:																																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	4	6			
ALASKA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
ARIZONA-----	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	5			
ARKANSAS-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	3	-	-	1	-	-	-	-	-	-	-	-	-	-	6	5			
CALIFORNIA-----	-	3	2	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	12	3	-	-	1	-	-	1	-	-	-	-	-	1	2	1	37	11		
COLORADO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	1	-	-	-	-	-	-	-	-	-	-	12	9			
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-			
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
IDaho-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1		
ILLINOIS-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4		
INDIANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	5			
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3	2		
MAINE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	4	2		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3	-		
MASSACHUSETTS-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
MICHIGAN-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	4	
MINNESOTA-----	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	1	-	-	-	-	-	-	-	-	-	-	1	7	12		
MISSISSIPPI-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	4		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	4	2		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	4	3		
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1		
NEW YORK-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	7	7		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4		
NORTH DAKOTA-----	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	6		
OHIO-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	5	3		
PENNSYLVANIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	8	6		
PUERTO RICO-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1		
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	
TENNESSEE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
TEXAS-----	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	7	3	-	-	2	-	-	-	-	-	-	-	-	-	2	2	31	18		
UTAH-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	10	8		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	
VIRGINIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	3		
WISCONSIN-----	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	6	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	20	15		
WYOMING-----	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	7	6		
TOTAL-----	1	33	13	-	-	-	-	-	-	-	-	-	-	-	2	15	17	-	88	31	-	12	3	-	1	-	-	10	5	4	312	168						

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL 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					
DREDGE:																																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-			
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-		
FLORIDA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	3	1		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	2		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	4	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7	4	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	
WASHINGTON-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
TOTAL-----	-	3	-	-	-	-	-	1	-	-	-	-	-	-	-	3	6	-	22	5	-	1	-	-	1	1	-	3	-	-	-	-	-	67	37			

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL 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	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:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	1	1	-	-	-	-	
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	2	-	2	1	-	-	-	-	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	4	1	-	-	-	-	-	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	7	-	3	3	-	-	-	-	-	
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	1	1	-	-	-	-	-	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	-	1	1	-	-	-	-	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	-	-	-	-	-	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	-	-	-	-	-	-	-	-	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	1	2	-	-	-	-	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	-	1	-	-	-	-	-	-	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	-	-	-	-	-	-	-	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	1	-	-	-	-	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	-	-	-	-	-	-	-	-	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	-	1	2	-	-	-	-	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	-	-	-	-	-	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	-	-	-	-	-	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	1	-	-	-	-	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	3	1	-	-	-	-	-	
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	-	1	-	-	-	-	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	4	-	5	7	-	-	-	-	-	
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	-	1	2	-	-	-	-	-	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	1	3	-	-	-	-	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	6	-	3	3	-	-	-	-	-	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	139	81	-	41	40	-	-	-

TABLE 12. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT SAND AND GRAVEL 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
OPEN PIT:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	111	-	-	-	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	139	-	32	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	17	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249	-	205	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	263	-	5	-	-
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	3	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	79	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	147	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	198	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	414	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	543	-	1	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	209	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	4	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	66	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-	1	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	274	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	159	-	40	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	238	-	7	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	33	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	290	-	47	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	12	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	220	-	36	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	229	-	3	-	-
-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	120	-	-
TOTAL-----	-	-	-	49	-	55	-	-	6,000	-	-	-	-	-	-	-	-	4,628	-	845	-	-

TABLE 12. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT SAND AND GRAVEL 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
OPEN PIT:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	2	-	151
ALASKA-----	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
ARIZONA-----	-	282	-	-	-	-	-	-	-	-	-	-	189	-	-	-	-	-	8	-	-	650
ARKANSAS-----	-	13	-	-	-	-	-	-	-	-	81	2	-	-	-	-	-	-	-	-	-	162
CALIFORNIA-----	-	30	-	-	-	-	-	-	-	-	6,000	25	-	1,181	-	5	36	-	295	6,000	-	2,053
COLORADO-----	-	62	-	-	-	-	-	-	-	-	-	-	50	-	24	-	-	-	63	-	-	467
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	156	-	-	-	-	-	-	-	-	156
IDAHO-----	-	17	-	-	-	-	-	-	-	-	-	-	140	-	-	-	-	-	-	-	-	159
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	56	-	-	-	-	-	-	-	-	169
INDIANA-----	-	46	-	-	-	-	-	-	-	-	-	5	216	-	-	-	-	-	11	-	-	457
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-	-	-	-	-	-	-	91
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	9	-	303	-	-	-	-	-	-	324
MAINE-----	-	28	-	-	-	-	-	-	-	-	-	17	-	-	6	-	-	-	-	-	-	53
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-	-	-	-	-	-	202
MICHIGAN-----	-	1	-	-	-	-	-	-	-	-	-	-	-	197	-	-	-	-	-	-	-	396
MINNESOTA-----	6,000	26	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	6,000	-	443
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	549
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43
MONTANA-----	-	-	-	-	-	-	-	-	-	-	2	-	15	-	-	-	-	-	-	-	-	23
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	-	-	-	119
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	233
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-	-	-	123
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	83
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	-	-	-	6,000	-	146
NORTH DAKOTA-----	-	81	-	-	-	-	-	-	-	-	-	-	67	-	-	-	-	-	-	-	-	214
OHIO-----	4,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,561
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	6,000	-	85	-	-	-	-	-	-	4	6,000	363
PENNSYLVANIA-----	-	163	-	-	-	-	-	-	-	-	-	-	21	-	20	-	-	-	-	-	-	452
PUERTO RICO-----	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	124	-	33	-	-	-	-	-	-	-	402
TENNESSEE-----	-	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	151
TEXAS-----	-	81	-	-	-	-	-	-	-	-	-	43	-	255	-	21	-	-	11	-	-	752
UTAH-----	-	41	-	-	-	-	-	-	-	-	-	354	-	344	-	56	-	-	-	-	-	853
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	127	-	-	-	-	-	-	-	127
VIRGINIA-----	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	86	-	517	-	24	-	-	89	-	-	939
WISCONSIN-----	-	20	-	-	-	-	-	-	-	-	-	113	-	355	-	45	-	-	-	-	-	882
WYOMING-----	-	4	-	-	-	-	-	-	-	-	-	6	-	61	-	-	-	-	-	-	-	271
TOTAL-----	6,000	5,494	-	-	-	-	-	-	-	-	12,000	856	-	4,398	-	562	-	36	-	483	24,000	17,406

TABLE 12. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT SAND AND GRAVEL 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	
DREDGE:																							
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	105	-	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	36	-	-	-	13	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	2	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	365	-	-	-	-	-	-	-	-	-	-	-	9	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	1	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	181	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	84	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	305	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-	-	26	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	187	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	365	-	-	-	-	-	6	-	1,013	-	-	161	-	-

TABLE 12. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT SAND AND GRAVEL 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
DREDGE:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	-	40
COLORADO-----	-	-	-	-	-	-	-	-	-	-	2	10	-	-	-	-	-	-	-	-	-	117
FLORIDA-----	-	30	-	-	-	-	-	-	-	-	-	13	-	103	-	-	-	-	-	-	-	201
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	21	-	-	-	63
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-	-	-	-	-	-	-	86
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	134	-	-	-	-	-	38	-	198
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	365
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-	-	30
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	7
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	62	-	2	-	-	-	-	-	-	245
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	119	-	-	-	-	-	11	-	-	219
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	305
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	48
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-	148
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	98	-	-	-	-	-	-	-	-	98
TEXAS-----	-	-	-	-	-	98	-	-	-	-	-	-	122	-	-	-	-	-	-	-	-	407
WASHINGTON-----	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
TOTAL-----	-	42	-	-	-	98	-	-	-	-	16	-	821	-	2	-	21	-	121	-	2,666	

TABLE 12. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT SAND AND GRAVEL 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 MINING:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	111	-	16	-	-	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	139	-	32	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	17	-	-	-
CALIFORNIA-----	-	-	-	-	-	27	-	-	-	-	-	-	-	-	-	-	249	-	205	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	368	-	5	-	-	-
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	36	-	13	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	117	-	3	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	130	-	79	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	2	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	365	-	-	-	-	-	-	-	12	-	-	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	147	-	9	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	198	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	414	-	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	543	-	1	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	1	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	22	-	-	-	-	-	-	-	-	-	-	265	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	214	-	84	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	359	-	4	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	71	-	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	324	-	1	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83	-	26	-	-	-
PENNSYLVANIA-----	-	-	-	49	-	-	-	-	-	-	-	-	-	-	-	-	159	-	50	-	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	238	-	7	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	33	-	-	-
TEXAS-----	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	477	-	47	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	12	-	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	220	-	3	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	239	-	120	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-
TOTAL-----	-	-	-	49	-	55	-	-	6,000	365	-	-	-	-	6	-	5,641	-	1,006	-	-	-
OFFICE:																						
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-

TABLE 12. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT SAND AND GRAVEL 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:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-	-	-	-	-	2	-	191
ALASKA-----	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
ARIZONA-----	282	-	-	-	-	-	-	-	-	-	-	-	189	-	-	-	-	-	8	-	-	650
ARKANSAS-----	13	-	-	-	-	-	-	-	-	-	81	2	-	-	-	-	-	-	-	-	-	162
CALIFORNIA-----	30	-	-	-	-	-	-	-	-	-	6,000	25	1,181	-	5	36	-	295	6,000	-	2,053	
COLORADO-----	62	-	-	-	-	-	-	-	-	-	-	2	60	-	-	-	-	63	-	-	584	
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	156	-	24	-	-	-	-	-	-	156
FLORIDA-----	30	-	-	-	-	-	-	-	-	-	-	13	103	-	-	-	-	-	-	-	-	201
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2
IDAHO-----	17	-	-	-	-	-	-	-	-	-	-	-	140	-	-	-	-	-	-	-	-	159
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	91	-	-	-	21	-	-	-	-	232
INDIANA-----	46	-	-	-	-	-	-	-	-	-	-	5	272	-	-	-	-	-	11	-	-	543
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-	-	-	-	-	-	-	111
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	134	-	-	-	-	-	38	-	-	198
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	9	-	303	-	-	-	-	-	-	689
MAINE-----	-	28	-	-	-	-	-	-	-	-	-	17	-	-	6	-	-	-	-	-	-	53
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-	-	-	-	-	-	211
MICHIGAN-----	-	1	-	-	-	-	-	-	-	-	-	-	227	-	-	-	-	-	-	-	-	426
MINNESOTA-----	6,000	26	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	6,000	443
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	549
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	50
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	2	15	-	-	-	-	-	-	-	-	23
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	97	-	-	2	-	-	-	-	-	364
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	143	-	-	-	-	-	11	-	-	452
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-	-	-	-	123
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	388
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	-	-	-	-	6,000	146
NORTH DAKOTA-----	-	81	-	-	-	-	-	-	-	-	-	-	67	-	-	-	-	-	-	-	-	214
OHIO-----	4,500	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	4,609
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	6,000	-	85	-	-	-	-	76	6,000	-	-	511
PENNSYLVANIA-----	-	163	-	-	-	-	-	-	-	-	-	-	21	-	20	-	-	-	-	-	-	462
PUERTO RICO-----	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	124	33	-	-	-	-	-	-	-	-	402
TENNESSEE-----	-	60	-	-	-	-	-	-	-	-	-	-	98	-	-	-	-	-	-	-	-	249
TEXAS-----	-	81	-	-	-	98	-	-	-	-	-	43	377	-	21	-	-	11	-	-	-	1,159
UTAH-----	-	41	-	-	-	-	-	-	-	-	-	354	344	-	56	-	-	-	-	-	-	853
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	127	-	-	-	-	-	-	-	-	127
VIRGINIA-----	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
WASHINGTON-----	-	12	-	-	-	-	-	-	-	-	-	86	517	-	24	-	-	89	-	-	-	951
WISCONSIN-----	-	20	-	-	-	-	-	-	-	-	-	113	355	-	45	-	-	-	-	-	-	892
WYOMING-----	-	4	-	-	-	-	-	-	-	-	-	6	61	-	-	-	-	-	-	-	-	271
TOTAL-----	6,000	5,536	-	-	-	98	-	-	-	-	12,000	872	5,219	-	564	-	57	-	604	24,000	20,072	
OFFICE:																						
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3

TABLE 12. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT SAND AND GRAVEL 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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	111	-	16	-	-	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	139	-	32	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	17	-	-	-
CALIFORNIA-----	-	-	-	-	-	27	-	-	-	-	-	-	-	-	-	-	249	-	205	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	368	-	5	-	-	-
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	36	-	13	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	117	-	3	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	130	-	79	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	2	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	365	-	-	-	-	-	-	12	-	-	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	147	-	9	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	198	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	414	-	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	543	-	1	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	1	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	22	-	-	-	-	-	-	-	-	-	-	265	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	214	-	84	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	359	-	4	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	71	-	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86	-	1	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	324	-	26	-	-	-
PENNSYLVANIA-----	-	-	-	49	-	-	-	-	-	-	-	-	-	-	-	-	159	-	50	-	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	238	-	7	-	-	-
TEXAS-----	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	58	-	33	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	477	-	47	-	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	12	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	220	-	3	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	239	-	120	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-
TOTAL-----	-	-	-	49	-	55	-	-	6,000	365	-	-	-	-	6	-	5,644	-	1,006	-	-	-

TABLE 12. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT SAND AND GRAVEL 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-----	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-	-	-	-	-	2	-	191
ALASKA-----	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
ARIZONA-----	282	-	-	-	-	-	-	-	-	-	-	-	189	-	-	-	-	-	8	-	-	650
ARKANSAS-----	13	-	-	-	-	-	-	-	-	-	81	2	-	-	-	-	-	-	-	-	-	162
CALIFORNIA-----	30	-	-	-	-	-	-	-	-	-	6,000	25	1,181	-	5	36	-	295	6,000	-	2,053	
COLORADO-----	62	-	-	-	-	-	-	-	-	-	-	2	60	-	-	-	-	63	-	-	584	
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	156	-	24	-	-	-	-	-	-	156
FLORIDA-----	30	-	-	-	-	-	-	-	-	-	-	13	103	-	-	-	-	-	-	-	-	201
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2
IDAHO-----	17	-	-	-	-	-	-	-	-	-	-	-	140	-	-	-	-	-	-	-	-	159
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	91	-	-	-	21	-	-	-	-	232
INDIANA-----	46	-	-	-	-	-	-	-	-	-	-	5	272	-	-	-	-	-	11	-	-	543
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-	-	-	-	-	-	-	111
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	134	-	-	-	-	-	38	-	-	198
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	9	-	303	-	-	-	-	-	-	689
MAINE-----	-	28	-	-	-	-	-	-	-	-	-	17	-	-	6	-	-	-	-	-	-	53
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-	-	-	-	-	-	211
MICHIGAN-----	1	-	-	-	-	-	-	-	-	-	-	-	227	-	-	-	-	-	-	-	-	426
MINNESOTA-----	6,000	26	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	6,000	443
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	549
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	50
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	2	15	-	-	-	-	-	-	-	-	23
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	97	-	2	-	-	-	-	-	-	364
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	143	-	-	-	-	-	11	-	-	452
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-	-	-	-	123
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	388
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	-	-	-	-	6,000	146
NORTH DAKOTA-----	-	81	-	-	-	-	-	-	-	-	-	-	67	-	-	-	-	-	-	-	-	214
OHIO-----	4,500	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	4,612
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	6,000	-	85	-	-	-	-	76	6,000	-	-	511
PENNSYLVANIA-----	-	163	-	-	-	-	-	-	-	-	-	-	21	-	20	-	-	-	-	-	-	462
PUERTO RICO-----	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	124	33	-	-	-	-	-	-	-	-	402
TENNESSEE-----	-	60	-	-	-	-	-	-	-	-	-	-	98	-	-	-	-	-	-	-	-	249
TEXAS-----	-	81	-	-	-	98	-	-	-	-	-	43	377	-	21	-	-	11	-	-	-	1,159
UTAH-----	-	41	-	-	-	-	-	-	-	-	-	354	344	-	56	-	-	-	-	-	-	853
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	127	-	-	-	-	-	-	-	-	127
VIRGINIA-----	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
WASHINGTON-----	-	12	-	-	-	-	-	-	-	-	-	86	517	-	24	-	-	89	-	-	-	951
WISCONSIN-----	-	20	-	-	-	-	-	-	-	-	-	113	355	-	45	-	-	-	-	-	-	892
WYOMING-----	-	4	-	-	-	-	-	-	-	-	-	6	61	-	-	-	-	-	-	-	-	271
TOTAL-----	6,000	5,536	-	-	-	98	-	-	-	-	12,000	872	5,219	-	564	-	57	-	604	24,000	20,075	

TABLE 13. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
SURFACE MINES:																	
OPEN PIT:																	
BULLDOZER/MOBILE EQUIP. -	2	-	-	50	50	52	19	71	12,000	-	-	1,749	1,749	13,749	-	35	264
CAR DUMP/GRIZZLY/SCREEN-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DRAG/CRANE/SHOVEL OPR. -	-	-	-	4	4	4	1	5	-	-	378	378	378	-	94	94	
DREDGE/BARGE/BOAT-----	-	-	-	2	2	2	1	3	-	-	387	387	387	-	194	194	
DRI LL OPERATOR-----	-	-	-	1	1	1	-	1	-	-	330	330	330	-	330	330	
ELECTRI CI AN-----	-	-	-	3	3	3	-	3	-	-	53	53	53	-	18	18	
FRONT END LOADER-----	-	-	3	33	36	36	12	48	-	-	1,566	1,911	1,911	115	47	53	
LABORER-----	-	-	3	53	56	56	37	93	-	345	1,759	6,384	6,384	1,542	33	114	
MECHANI C/MAI NTENANCE----	-	-	-	39	39	39	29	68	-	-	983	983	983	-	25	25	
MI NER-----	-	-	1	42	43	43	17	60	-	50	1,370	1,420	1,420	50	33	33	
PREP. PLANT OPR.-----	-	-	-	24	24	24	17	41	-	-	1,448	1,448	1,448	-	60	60	
SUPERVI SOR/FOREMAN-----	2	-	-	26	26	28	18	46	12,000	-	1,343	1,343	13,343	-	52	477	
TECH. /PROF. /CLERI CAL----	-	-	-	5	5	5	3	8	-	-	244	244	244	-	49	49	
TRUCK DRI VER-----	-	-	-	21	21	21	8	29	-	-	671	671	671	-	32	32	
WELDER/MACHI NI ST-----	-	-	-	2	2	2	5	7	-	-	105	105	105	-	52	52	
TOTAL OR AVERAGE-----	4	-	7	305	312	316	168	484	24,000	-	5,020	12,386	17,406	41,406	717	41	131
DREDGE:																	
BELTMAN/BOOM OPR.-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BULLDOZER/MOBILE EQUIP. -	-	-	-	8	8	8	1	9	-	-	497	497	497	-	62	62	
DRAG/CRANE/SHOVEL OPR. -	-	-	-	2	2	2	-	2	-	-	8	8	8	-	4	4	
DREDGE/BARGE/BOAT-----	-	-	-	15	15	15	6	21	-	-	561	561	561	-	37	37	
ELECTRI CI AN-----	-	-	-	1	1	1	1	2	-	-	2	2	2	-	2	2	
FRONT END LOADER-----	-	-	-	3	3	3	3	6	-	-	227	227	227	-	76	76	
LABORER-----	-	-	-	10	10	10	5	15	-	-	296	296	296	-	30	30	
MECHANI C/MAI NTENANCE----	-	-	-	11	11	11	2	13	-	-	576	576	576	-	52	52	
MI NER-----	-	-	-	3	3	3	5	8	-	-	128	128	128	-	43	43	
PREP. PLANT OPR.-----	-	-	-	5	5	5	4	9	-	-	33	33	33	-	7	7	
SUPERVI SOR/FOREMAN-----	-	-	-	3	3	3	4	7	-	-	201	201	201	-	67	67	
TECH. /PROF. /CLERI CAL----	-	-	-	2	2	2	-	2	-	-	129	129	129	-	64	64	
TRUCK DRI VER-----	-	-	-	2	2	2	2	4	-	-	4	4	4	-	2	2	
WELDER/MACHI NI ST-----	-	-	-	1	1	1	3	4	-	-	2	2	2	-	2	2	
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	-	1	-	-	2	2	2	-	2	2	
TOTAL OR AVERAGE-----	-	-	-	67	67	67	37	104	-	-	2,666	2,666	2,666	-	40	40	

TABLE 13. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:																	
BELTMAN/BOOM OPR.-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BULLDOZER/MOBILE EQUIP.---	2	-	-	58	58	60	20	80	12,000	-	-	2,246	2,246	14,246	-	39	237
CAR DUMP/GRIZZLY/SCREEN---	-	-	-	-	-	-	1	7	-	-	-	-	-	-	-	-	-
DRAG/CRANE/SHOVEL OPR.---	-	-	-	6	6	6	1	7	-	-	386	386	386	-	64	64	
DREDGE/BARGE/BOAT---	-	-	-	17	17	17	7	24	-	-	948	948	948	-	56	56	
DRI LL OPERATOR-----	-	-	-	1	1	1	-	1	-	-	330	330	330	-	330	330	
ELECTRICIAN-----	-	-	-	4	4	4	1	5	-	-	55	55	55	-	14	14	
FRONT END LOADER-----	-	-	3	36	39	39	15	54	-	-	1,793	2,138	2,138	-	50	55	
LABORER-----	-	-	3	63	66	66	42	108	-	4,625	2,055	6,680	6,680	1,542	33	101	
MECHANIC/MAINTENANCE---	-	-	-	50	50	50	31	81	-	-	1,559	1,559	1,559	-	31	31	
MINER-----	-	-	1	45	46	46	22	68	-	50	1,498	1,548	1,548	50	33	34	
PREP. PLANT OPR.-----	-	-	-	29	29	29	21	50	-	-	1,481	1,481	1,481	-	51	51	
SUPERVISOR/FOREMAN---	2	-	-	29	29	31	22	53	12,000	-	1,544	1,544	13,544	-	53	437	
TECH./PROF./CLERICAL---	-	-	-	7	7	7	3	10	-	-	373	373	373	-	53	53	
TRUCK DRIVER-----	-	-	-	23	23	23	10	33	-	-	675	675	675	-	29	29	
WELDER/MACHINIST-----	-	-	-	3	3	3	8	11	-	-	107	107	107	-	36	36	
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	-	1	-	-	2	2	2	-	2	2	
TOTAL OR AVERAGE-----	4	-	7	372	379	383	205	588	24,000	-	5,020	15,052	20,072	44,072	717	40	115
OFFICE:																	
DREDGE/BARGE/BOAT---	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MINER-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3	-
TECH./PROF./CLERICAL---	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	3	3	3	3	-	3	3
GRAND TOTAL OR AVERAGE:																	
BELTMAN/BOOM OPR.-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BULLDOZER/MOBILE EQUIP.---	2	-	-	58	58	60	20	80	12,000	-	-	2,246	2,246	14,246	-	39	237
CAR DUMP/GRIZZLY/SCREEN---	-	-	-	-	-	-	1	7	-	-	-	-	-	-	-	-	-
DRAG/CRANE/SHOVEL OPR.---	-	-	-	6	6	6	1	7	-	-	386	386	386	-	64	64	
DREDGE/BARGE/BOAT---	-	-	-	17	17	17	8	25	-	-	948	948	948	-	56	56	
DRI LL OPERATOR-----	-	-	-	1	1	1	-	1	-	-	330	330	330	-	330	330	
ELECTRICIAN-----	-	-	-	4	4	4	1	5	-	-	55	55	55	-	14	14	
FRONT END LOADER-----	-	-	3	36	39	39	15	54	-	-	1,793	2,138	2,138	-	50	55	
LABORER-----	-	-	3	63	66	66	42	108	-	4,625	2,055	6,680	6,680	1,542	33	101	
MECHANIC/MAINTENANCE---	-	-	-	50	50	50	31	81	-	-	1,559	1,559	1,559	-	31	31	
MINER-----	-	-	1	46	47	47	22	69	-	50	1,501	1,551	1,551	50	33	33	
PREP. PLANT OPR.-----	-	-	-	29	29	29	21	50	-	-	1,481	1,481	1,481	-	51	51	
SUPERVISOR/FOREMAN---	2	-	-	29	29	31	22	53	12,000	-	1,544	1,544	13,544	-	53	437	
TECH./PROF./CLERICAL---	-	-	-	7	7	7	4	11	-	-	373	373	373	-	53	53	
TRUCK DRIVER-----	-	-	-	23	23	23	10	33	-	-	675	675	675	-	29	29	
WELDER/MACHINIST-----	-	-	-	3	3	3	8	11	-	-	107	107	107	-	36	36	
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	-	1	-	-	2	2	2	-	2	2	
TOTAL OR AVERAGE-----	4	-	7	373	380	384	207	591	24,000	-	5,020	15,055	20,075	44,075	717	40	115

TABLE 14. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
ENTRAPMENT-----	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	4	4	4	-	4	-	-	-	55	55	55	-	14	14
FALLING, ROLLING, OR SLIDING MATERIAL-----	1	-	-	-	-	1	2	3	6,000	-	-	-	-	6,000	-	-	6,000
HANDLING MATERIAL-----	-	-	3	113	116	116	62	178	-	-	200	4,428	4,628	4,628	67	39	40
HAND TOOL-----	-	-	1	31	32	32	35	67	-	-	75	770	845	845	75	25	26
POWERED HAULAGE-----	1	-	3	30	33	34	13	47	6,000	-	4,745	749	5,494	11,494	1,582	25	338
MACHINERY-----	2	-	-	15	15	17	17	34	12,000	-	-	856	856	12,856	-	57	756
SLIP OR FALL OF PERSON-----	-	-	-	88	88	88	31	119	-	-	-	4,398	4,398	4,398	-	50	50
STEPPING OR KNEELING ON OBJECT-----	-	-	-	12	12	12	3	15	-	-	-	562	562	562	-	47	47
STRIKING OR BUMPING-----	-	-	-	1	1	1	-	1	-	-	-	36	36	36	-	36	36
OTHER INJURIES-----	-	-	-	10	10	10	5	15	-	-	-	483	483	483	-	48	48
TOTAL OR AVERAGE-----	4	-	7	305	312	316	168	484	24,000	-	5,020	12,386	17,406	41,406	717	41	131
DREDGE:																	
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	1	1	1	-	1	-	-	-	365	365	365	-	365	365
FIRE-----	-	-	-	1	1	1	1	2	-	-	-	6	6	6	-	6	6
HANDLING MATERIAL-----	-	-	-	22	22	22	19	41	-	-	-	1,013	1,013	1,013	-	46	46
HAND TOOL-----	-	-	-	9	9	9	5	14	-	-	-	161	161	161	-	18	18
POWERED HAULAGE-----	-	-	-	3	3	3	-	3	-	-	-	42	42	42	-	14	14
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	1	1	1	-	1	-	-	-	98	98	98	-	98	98
MACHINERY-----	-	-	-	3	3	3	6	9	-	-	-	16	16	16	-	5	5
SLIP OR FALL OF PERSON-----	-	-	-	22	22	22	5	27	-	-	-	821	821	821	-	37	37
STEPPING OR KNEELING ON OBJECT-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
STRIKING OR BUMPING-----	-	-	-	1	1	1	1	2	-	-	-	21	21	21	-	21	21
OTHER INJURIES-----	-	-	-	3	3	3	-	3	-	-	-	121	121	121	-	40	40
TOTAL OR AVERAGE-----	-	-	-	67	67	67	37	104	-	-	-	2,666	2,666	2,666	-	40	40

TABLE 14. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:																	
ENTRAPMENT-----	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	4	4	4	-	4	-	-	-	55	55	55	-	14	14
FALLING, ROLLING, OR SLIDING MATERIAL-----	1	-	-	1	1	2	2	4	6,000	-	-	365	365	6,365	-	365	3,182
FIRE-----	-	-	-	1	1	1	1	2	-	-	6	6	6	6	-	6	6
HANDLING MATERIAL-----	-	-	3	135	138	138	81	219	-	-	200	5,441	5,641	5,641	67	40	41
HAND TOOL-----	-	-	1	40	41	41	40	81	-	-	75	931	1,006	1,006	75	23	25
POWERED HAULAGE-----	1	-	3	33	36	37	13	50	6,000	-	4,745	791	5,536	11,536	1,582	24	312
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	1	1	1	-	1	-	-	-	98	98	98	-	98	98
MACHINERY-----	2	-	-	18	18	20	23	43	12,000	-	-	872	872	12,872	-	48	644
SLIP OR FALL OF PERSON-----	-	-	-	110	110	110	36	146	-	-	-	5,219	5,219	5,219	-	47	47
STEPPING OR KNEELING ON OBJECT-----	-	-	-	13	13	13	3	16	-	-	-	564	564	564	-	43	43
STRIKING OR BUMPING-----	-	-	-	2	2	2	1	3	-	-	-	57	57	57	-	28	28
OTHER INJURIES-----	-	-	-	13	13	13	5	18	-	-	-	604	604	604	-	46	46
TOTAL OR AVERAGE-----	4	-	7	372	379	383	205	588	24,000	-	5,020	15,052	20,072	44,072	717	40	115
OFFICE:																	
HANDLING MATERIAL-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
SLIP OR FALL OF PERSON-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3
GRAND TOTAL OR AVERAGE:																	
ENTRAPMENT-----	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	4	4	4	-	4	-	-	-	55	55	55	-	14	14
FALLING, ROLLING, OR SLIDING MATERIAL-----	1	-	-	1	1	2	2	4	6,000	-	-	365	365	6,365	-	365	3,182
FIRE-----	-	-	-	1	1	1	1	2	-	-	6	6	6	6	-	6	6
HANDLING MATERIAL-----	-	-	3	136	139	139	81	220	-	-	200	5,444	5,644	5,644	67	40	41
HAND TOOL-----	-	-	1	40	41	41	40	81	-	-	75	931	1,006	1,006	75	23	25
POWERED HAULAGE-----	1	-	3	33	36	37	13	50	6,000	-	4,745	791	5,536	11,536	1,582	24	312
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	1	1	1	-	1	-	-	-	98	98	98	-	98	98
MACHINERY-----	2	-	-	18	18	20	23	43	12,000	-	-	872	872	12,872	-	48	644
SLIP OR FALL OF PERSON-----	-	-	-	110	110	110	38	148	-	-	-	5,219	5,219	5,219	-	47	47
STEPPING OR KNEELING ON OBJECT-----	-	-	-	13	13	13	3	16	-	-	-	564	564	564	-	43	43
STRIKING OR BUMPING-----	-	-	-	2	2	2	1	3	-	-	-	57	57	57	-	28	28
OTHER INJURIES-----	-	-	-	13	13	13	5	18	-	-	-	604	604	604	-	46	46
TOTAL OR AVERAGE-----	4	-	7	373	380	384	207	591	24,000	-	5,020	15,055	20,075	44,075	717	40	115

TABLE 15. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ENTRAPMENT:																	
TRUNK, NEC-----	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49
EXPLODING VESSEL UNDER PRESSURE:																	
HEAD, NEC-----	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
FINGER(S)-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
MULTIPLE PARTS OF BODY----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE-----	-	-	-	4	4	4	-	4	-	-	-	55	55	55	-	14	14
FALLING, ROLLING, OR SLIDING MATERIAL:																	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
FINGER(S)-----	-	-	-	1	1	1	-	1	-	-	-	365	365	365	-	365	365
THIGH-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	1	-	-	1	1	2	2	4	6,000	-	-	365	365	6,365	-	365	3,182
FIRE:																	
ABDOMEN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BODY SYSTEMS-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	6	6	6	-	6	6

TABLE 15. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL												
HANDLING MATERIAL:															
EAR-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
EYE-----	-	-	3	3	3	6	9	-	-	41	41	41	-	14	14
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	1	1	1	1	2	-	-	-	3	3	-	3	3
HEAD, NEC-----	-	-	2	2	2	3	5	-	-	33	33	33	-	16	16
ELBOW-----	-	-	3	3	3	1	4	-	-	135	135	135	-	45	45
FOREARM-----	-	-	1	1	1	3	4	-	-	187	187	187	-	187	187
WRIST-----	-	-	4	4	4	1	5	-	-	345	345	345	-	86	86
HAND-----	-	-	5	5	5	5	10	-	-	171	171	171	-	34	34
FINGER(S)-----	-	-	1	29	30	37	67	-	100	439	539	539	100	15	18
UPPER EXTREMITIES, NEC-----	-	-	2	2	2	2	4	-	-	22	22	22	-	11	11
ABDOMEN-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
BACK-----	-	-	37	37	37	6	43	-	-	1,665	1,665	1,665	-	45	45
CHEST-----	-	-	1	1	1	-	1	-	-	38	38	38	-	38	38
PELVIC REGION-----	-	-	2	5	7	-	7	-	100	174	274	274	50	35	39
SHOULDER(S)-----	-	-	11	11	11	2	13	-	-	764	764	764	-	69	69
THIGH-----	-	-	1	1	1	-	1	-	-	36	36	36	-	36	36
KNEE-----	-	-	9	9	9	2	11	-	-	462	462	462	-	51	51
LOWER LEG-----	-	-	5	5	5	1	6	-	-	251	251	251	-	50	50
ANKLE-----	-	-	2	2	2	-	2	-	-	87	87	87	-	44	44
FOOT-----	-	-	7	7	7	2	9	-	-	220	220	220	-	31	31
TOE(S)-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
LOWER EXTREMITIES, NEC-----	-	-	3	3	3	4	7	-	-	13	13	13	-	4	4
MULTIPLE PARTS OF BODY-----	-	-	5	5	5	-	5	-	-	358	358	358	-	72	72
UNCLASSIFIED-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	3	136	139	81	220	-	200	5,444	5,644	5,644	67	40	41
HAND TOOL:															
EYE-----	-	-	-	1	1	1	2	-	-	1	1	1	-	1	1
JAW-----	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-
NOSE-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	1	1	1	-	1	-	-	2	2	2	-	2	2
HEAD, NEC-----	-	-	2	2	2	2	4	-	-	17	17	17	-	8	8
UPPER ARM-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
FOREARM-----	-	-	2	2	2	2	4	-	-	162	162	162	-	81	81
WRIST-----	-	-	4	4	4	2	6	-	-	33	33	33	-	8	8
HAND-----	-	-	3	3	3	3	6	-	-	38	38	38	-	13	13
FINGER(S)-----	-	-	1	7	8	12	20	-	75	69	144	144	75	10	18
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-
BACK-----	-	-	10	10	10	-	10	-	-	313	313	313	-	31	31
CHEST-----	-	-	1	1	1	-	1	-	-	9	9	9	-	9	9
PELVIC REGION-----	-	-	-	1	1	-	1	-	-	50	50	50	-	50	50
SHOULDER(S)-----	-	-	2	2	2	1	3	-	-	85	85	85	-	42	42
THIGH-----	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-
KNEE-----	-	-	1	1	1	1	2	-	-	25	25	25	-	25	25
TOE(S)-----	-	-	-	1	1	-	1	-	-	52	52	52	-	52	52
LOWER EXTREMITIES, NEC-----	-	-	2	2	2	4	6	-	-	53	53	53	-	26	26
MULTIPLE PARTS OF BODY-----	-	-	2	2	2	-	2	-	-	22	22	22	-	11	11
TOTAL OR AVERAGE-----	-	-	1	40	41	40	81	-	75	931	1,006	1,006	75	23	25

TABLE 15. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
POWERED HAULAGE:																	
EYE-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
NOSE-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
HEAD, NEC-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
NECK-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
FOREARM-----	-	-	-	1	1	1	-	1	-	-	-	13	13	13	-	13	13
WRI ST-----	-	-	-	1	1	1	-	1	-	-	-	35	35	35	-	35	35
FINGER(S)-----	-	-	1	1	1	1	5	6	-	-	-	60	60	60	60	60	60
UPPER EXTREMITIES, NEC-----	-	-	1	2	3	3	-	3	-	-	4,500	11	4,511	4,511	4,500	6	1,504
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
BACK-----	-	-	-	6	6	6	1	7	-	-	-	176	176	176	-	29	29
CHEST-----	-	-	-	2	2	2	-	2	-	-	-	16	16	16	-	8	8
SHOULDER(S)-----	-	-	-	2	2	2	2	4	-	-	-	49	49	49	-	24	24
TRUNK, NEC-----	-	-	-	1	1	1	-	1	-	-	-	29	29	29	-	29	29
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
FOOT-----	-	-	-	3	3	3	2	5	-	-	-	37	37	37	-	12	12
TOE(S)-----	-	-	1	1	2	2	-	2	-	-	185	10	195	195	185	10	98
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11
MULTIPLE PARTS OF BODY-----	1	-	-	7	7	8	-	8	6,000	-	-	378	378	6,378	-	54	797
TOTAL OR AVERAGE-----	1	-	3	33	36	37	13	50	6,000	-	4,745	791	5,536	11,536	1,582	24	312
IGNITION OR EXPLOSION OF GAS OR DUST:																	
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	98	98	98	-	98	98
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	98	98	98	-	98	98
MACHINERY:																	
EYE-----	-	-	-	3	3	3	13	16	-	-	-	15	15	15	-	5	5
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
UPPER ARM-----	-	-	-	1	1	1	-	1	-	-	-	86	86	86	-	86	86
FOREARM-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
HAND-----	-	-	-	1	1	1	1	2	-	-	-	6	6	6	-	6	6
FINGER(S)-----	-	-	-	4	4	4	3	7	-	-	-	173	173	173	-	43	43
BACK-----	-	-	-	1	1	1	1	2	-	-	-	81	81	81	-	81	81
TRUNK, NEC-----	1	-	-	-	-	-	-	1	6,000	-	-	-	-	6,000	-	-	6,000
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	113	113	113	-	113	113
BODY SYSTEMS-----	1	-	-	2	2	3	-	3	6,000	-	-	5	5	6,005	-	2	2,002
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	-	2	-	-	-	360	360	360	-	180	180
TOTAL OR AVERAGE-----	2	-	-	18	18	20	23	43	12,000	-	-	872	872	12,872	-	48	644

TABLE 15. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL					
		TOTAL	PARTIAL													TOTAL
SLIP OR FALL OF PERSON:																
JAW-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	4	4	4	2	-	-	-	153	153	153	-	38	38
NECK-----	-	-	-	1	1	1	-	-	-	-	73	73	73	-	73	73
UPPER ARM-----	-	-	-	1	1	1	-	-	-	-	15	15	15	-	15	15
ELBOW-----	-	-	-	2	2	2	2	-	-	-	127	127	127	-	64	64
FOREARM-----	-	-	-	1	1	1	1	-	-	-	9	9	9	-	9	9
WRIST-----	-	-	-	5	5	5	3	-	-	-	354	354	354	-	71	71
HAND-----	-	-	-	2	2	2	1	-	-	-	53	53	53	-	26	26
FINGER(S)-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
UPPER EXTREMITIES, NEC-----	-	-	-	3	3	3	-	-	-	-	61	61	61	-	20	20
BACK-----	-	-	-	16	16	16	1	-	-	-	731	731	731	-	46	46
CHEST-----	-	-	-	2	2	2	1	-	-	-	11	11	11	-	6	6
PELVIC REGION-----	-	-	-	1	1	1	-	-	-	-	201	201	201	-	201	201
SHOULDER(S)-----	-	-	-	12	12	12	5	-	-	-	569	569	569	-	47	47
TRUNK, NEC-----	-	-	-	2	2	2	-	-	-	-	23	23	23	-	12	12
THIGH-----	-	-	-	1	1	1	2	-	-	-	1	1	1	-	1	1
KNEE-----	-	-	-	22	22	22	2	-	-	-	1,221	1,221	1,221	-	56	56
LOWER LEG-----	-	-	-	3	3	3	1	-	-	-	69	69	69	-	23	23
ANKLE-----	-	-	-	12	12	12	5	-	-	-	396	396	396	-	33	33
FOOT-----	-	-	-	4	4	4	2	-	-	-	136	136	136	-	34	34
LOWER EXTREMITIES, NEC-----	-	-	-	4	4	4	4	-	-	-	358	358	358	-	90	90
MULTIPLE PARTS OF BODY-----	-	-	-	12	12	12	5	-	-	-	658	658	658	-	55	55
TOTAL OR AVERAGE-----	-	-	-	110	110	110	38	148	-	-	5,219	5,219	5,219	-	47	47
STEPPING OR KNEELING ON OBJECT:																
KNEE-----	-	-	-	8	8	8	1	9	-	-	194	194	194	-	24	24
ANKLE-----	-	-	-	4	4	4	2	6	-	-	67	67	67	-	17	17
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	303	303	303	-	303	303
TOTAL OR AVERAGE-----	-	-	-	13	13	13	3	16	-	-	564	564	564	-	43	43
STRIKING OR BUMPING:																
NOSE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
KNEE-----	-	-	-	2	2	2	-	2	-	-	57	57	57	-	28	28
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	57	57	57	-	28	28

TABLE 15. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
OTHER INJURIES:																	
EYE-----	-	-	-	2	2	2	2	4	-	-	-	6	6	6	-	3	3
FACE, NEC-----	-	-	-	1	1	1	1	1	-	-	-	1	1	1	-	1	1
HEAD, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FINGER(S)-----	-	-	-	1	1	1	1	1	-	-	-	3	3	3	-	3	3
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CHEST-----	-	-	-	1	1	1	1	1	-	-	-	10	10	10	-	10	10
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	72	72	72	-	72	72
THIGH-----	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11
KNEE-----	-	-	-	3	3	3	1	4	-	-	-	160	160	160	-	53	53
FOOT-----	-	-	-	1	1	1	-	1	-	-	-	38	38	38	-	38	38
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	295	295	295	-	295	295
TOTAL OR AVERAGE-----	-	-	-	13	13	13	5	18	-	-	-	604	604	604	-	46	46
TOTAL OR AVERAGE:																	
EAR-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
EYE-----	-	-	-	10	10	10	23	33	-	-	-	66	66	66	-	7	7
JAW-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	9	9	-	-	-	-	-	-	-	-	-
NOSE-----	-	-	-	1	1	1	2	3	-	-	-	10	10	10	-	10	10
FACE, NEC-----	-	-	-	3	3	3	3	6	-	-	-	6	6	6	-	2	2
HEAD, NEC-----	1	-	-	11	11	12	9	21	6,000	-	-	233	233	6,233	-	21	519
NECK-----	-	-	-	2	2	2	2	2	-	-	-	75	75	75	-	38	38
UPPER ARM-----	-	-	-	2	2	2	1	3	-	-	-	101	101	101	-	50	50
ELBOW-----	-	-	-	5	5	5	3	8	-	-	-	262	262	262	-	52	52
FOREARM-----	-	-	-	5	5	5	8	13	-	-	-	371	371	371	-	74	74
WRIST-----	-	-	-	14	14	14	6	20	-	-	-	767	767	767	-	55	55
HAND-----	-	-	-	11	11	11	10	21	-	-	-	268	268	268	-	24	24
FINGER(S)-----	-	-	3	42	45	45	59	104	-	-	-	706	941	941	78	17	21
UPPER EXTREMITIES, NEC-----	-	-	1	7	8	8	6	14	-	-	4,500	94	4,594	4,594	4,500	13	574
ABDOMEN-----	-	-	-	1	1	1	2	3	-	-	-	7	7	7	-	7	7
BACK-----	-	-	-	70	70	70	9	79	-	-	-	2,966	2,966	2,966	-	42	42
CHEST-----	-	-	-	7	7	7	1	8	-	-	-	84	84	84	-	12	12
PELVIC REGION-----	-	-	2	7	9	9	1	9	-	-	-	425	525	525	50	61	58
SHOULDER(S)-----	-	-	-	28	28	28	10	38	-	-	100	1,539	1,539	1,539	-	55	55
TRUNK, NEC-----	1	-	-	4	4	5	5	5	6,000	-	-	101	101	6,101	-	25	1,220
THIGH-----	-	-	-	4	4	4	6	10	-	-	-	413	413	413	-	103	103
KNEE-----	-	-	-	47	47	47	7	54	-	-	-	2,128	2,128	2,128	-	45	45
LOWER LEG-----	-	-	-	10	10	10	2	12	-	-	-	349	349	349	-	35	35
ANKLE-----	-	-	-	18	18	18	7	25	-	-	-	550	550	550	-	31	31
FOOT-----	-	-	-	15	15	15	6	21	-	-	-	431	431	431	-	29	29
TOE(S)-----	-	-	1	2	3	3	1	4	-	-	-	62	247	247	185	31	82
LOWER EXTREMITIES, NEC-----	-	-	-	12	12	12	8	20	-	-	185	556	556	556	-	46	46
BODY SYSTEMS-----	1	-	-	3	3	4	-	4	6,000	-	-	11	11	6,011	-	4	1,503
MULTIPLE PARTS OF BODY-----	1	-	-	32	32	33	5	38	6,000	-	-	2,474	2,474	8,474	-	77	257
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	4	-	7	373	380	384	207	591	24,000	-	5,020	15,055	20,075	44,075	717	40	115

TABLE 16. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ENTRAPMENT:																	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	49	49	49	-	49	49
EXPLODING VESSEL UNDER PRESSURE:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
UNCLASSIFIED (NO DATA)----	-	-	-	2	2	2	-	2	-	-	-	49	49	49	-	24	24
TOTAL OR AVERAGE-----	-	-	-	4	4	4	-	4	-	-	-	55	55	55	-	14	14
FALLING, ROLLING, OR SLIDING MATERIAL:																	
FRACTURE-----	-	-	-	1	1	1	2	3	-	-	-	365	365	365	-	365	365
OTHER INJURY, NEC-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	1	1	2	2	4	6,000	-	-	365	365	6,365	-	365	3,182
FIRE:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	6	6	6	-	6	6
HANDLING MATERIAL:																	
AMPUTATION/ENUCLEATION----	-	-	1	-	1	1	-	1	-	-	100	-	100	100	100	-	100
BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CHEMICAL BURN-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25
CONTUSION OR BRUISE-----	-	-	-	15	15	15	13	28	-	-	-	188	188	188	-	13	13
CUT OR PUNCTURE-----	-	-	-	23	23	23	41	64	-	-	-	426	426	426	-	19	19
DUST IN EYE-----	-	-	-	2	2	2	5	7	-	-	-	35	35	35	-	18	18
FRACTURE-----	-	-	-	13	13	13	6	19	-	-	-	820	820	820	-	63	63
HERNIA (NOT DISC)-----	-	-	2	4	6	6	2	6	-	-	100	166	266	266	50	42	44
SCRATCH/ABRASION-----	-	-	-	1	1	1	2	3	-	-	-	6	6	6	-	6	6
STRAIN/SPRAIN-----	-	-	-	63	63	63	8	71	-	-	-	3,215	3,215	3,215	-	51	51
MULTIPLE INJURIES-----	-	-	-	2	2	2	2	4	-	-	-	182	182	182	-	91	91
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
UNCLASSIFIED (NO DATA)----	-	-	-	10	10	10	2	12	-	-	-	370	370	370	-	37	37
TOTAL OR AVERAGE-----	-	-	3	136	139	139	81	220	-	-	200	5,444	5,644	5,644	67	40	41

TABLE 16. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
HAND TOOL:																	
AMPUTATION/ENUCLEATION----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	75
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
CONTUSION OR BRUISE----	-	-	-	3	3	3	1	4	-	-	-	27	27	27	-	9	9
CUT OR PUNCTURE----	-	-	-	14	14	14	33	47	-	-	-	296	296	296	-	21	21
FRACTURE----	-	-	-	4	4	4	5	9	-	-	-	60	60	60	-	15	15
HERNIA (NOT DISC)----	-	-	-	1	1	1	-	1	-	-	-	50	50	50	-	50	50
STRAIN/SPRAIN----	-	-	-	10	10	10	1	11	-	-	-	261	261	261	-	26	26
MULTIPLE INJURIES----	-	-	-	1	1	1	-	1	-	-	-	105	105	105	-	105	105
UNCLASSIFIED (NO DATA)----	-	-	-	6	6	6	-	6	-	-	-	116	116	116	-	19	19
TOTAL OR AVERAGE-----	-	-	1	40	41	41	40	81	-	-	75	931	1,006	1,006	75	23	25
POWERED HAULAGE:																	
AMPUTATION/ENUCLEATION----	-	-	3	-	3	3	-	3	-	-	4,745	-	4,745	4,745	1,582	-	1,582
CHEMICAL BURN----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
CONCUSSION (CEREBRAL)----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CONTUSION OR BRUISE----	-	-	-	7	7	7	3	10	-	-	-	124	124	124	-	18	18
CUT OR PUNCTURE----	-	-	-	1	1	1	6	7	-	-	-	13	13	13	-	13	13
FRACTURE----	-	-	-	5	5	5	2	7	-	-	-	200	200	200	-	40	40
SCRATCH/ABRASION----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
STRAIN/SPRAIN----	-	-	-	9	9	9	2	11	-	-	-	192	192	192	-	21	21
MULTIPLE INJURIES----	1	-	-	-	1	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
OTHER INJURY, NEC----	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11
UNCLASSIFIED (NO DATA)----	-	-	-	7	7	7	-	7	-	-	-	241	241	241	-	34	34
TOTAL OR AVERAGE-----	1	-	3	33	36	37	13	50	6,000	-	4,745	791	5,536	11,536	1,582	24	312
IGNITION OR EXPLOSION OF GAS OR DUST:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	-	1	-	-	-	98	98	98	-	98	98
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	98	98	98	-	98	98
MACHINERY:																	
ASPHYXIATION/DROWNING----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)----	-	-	-	3	3	3	4	7	-	-	-	37	37	37	-	12	12
CONCUSSION (CEREBRAL)----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CONTUSION OR BRUISE----	1	-	-	-	-	-	-	-	6,000	-	-	-	-	6,000	-	-	6,000
CUT OR PUNCTURE----	-	-	-	4	4	4	10	14	-	-	-	222	222	222	-	56	56
DUST IN EYE----	-	-	-	1	1	1	3	4	-	-	-	1	1	1	-	1	1
FRACTURE----	-	-	-	3	3	3	2	5	-	-	-	231	231	231	-	77	77
POISONING (SYSTEMIC)----	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
RADIATION/ULTRAVIOLET----	-	-	-	1	1	1	3	4	-	-	-	1	1	1	-	1	1
SCRATCH/ABRASION----	-	-	-	1	1	1	-	1	-	-	-	13	13	13	-	13	13
STRAIN/SPRAIN----	-	-	-	1	1	1	1	2	-	-	-	6	6	6	-	6	6
MULTIPLE INJURIES----	-	-	-	1	1	1	-	1	-	-	-	354	354	354	-	354	354
TOTAL OR AVERAGE-----	2	-	-	18	18	20	23	43	12,000	-	-	872	872	12,872	-	48	644

TABLE 16. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					TOTAL PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL														
SLIP OR FALL OF PERSON:																	
CONCUSSION (CEREBRAL)-----	-	-	-	3	3	3	1	4	-	-	-	152	152	152	-	51	51
CONTUSION OR BRUISE-----	-	-	-	12	12	12	4	16	-	-	-	186	186	186	-	16	16
CUT OR PUNCTURE-----	-	-	-	1	1	1	6	7	-	-	-	15	15	15	-	15	15
DISLOCATION-----	-	-	-	4	4	4	1	5	-	-	-	118	118	118	-	30	30
FRACTURE-----	-	-	-	20	20	20	8	28	-	-	-	1,190	1,190	1,190	-	60	60
STRAIN/SPRAIN-----	-	-	-	50	50	50	9	59	-	-	-	2,239	2,239	2,239	-	45	45
MULTIPLE INJURIES-----	-	-	-	2	2	2	3	5	-	-	-	26	26	26	-	13	13
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
UNCLASSIFIED (NO DATA)-----	-	-	-	17	17	17	6	23	-	-	-	1,286	1,286	1,286	-	76	76
TOTAL OR AVERAGE-----	-	-	-	110	110	110	38	148	-	-	-	5,219	5,219	5,219	-	47	47
STEPPING OR KNEELING ON OBJECT:																	
STRAIN/SPRAIN-----	-	-	-	13	13	13	2	15	-	-	-	564	564	564	-	43	43
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	13	13	13	3	16	-	-	-	564	564	564	-	43	43
STRIKING OR BUMPING:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	36	36	36	-	36	36
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	57	57	57	-	28	28
OTHER INJURIES:																	
CONCUSSION (CEREBRAL)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DUST IN EYE-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
SCRATCH/ABRASION-----	-	-	-	1	1	1	1	1	-	-	-	4	4	4	-	4	4
STRAIN/SPRAIN-----	-	-	-	5	5	5	-	5	-	-	-	192	192	192	-	38	38
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	1	4	-	-	-	384	384	384	-	128	128
TOTAL OR AVERAGE-----	-	-	-	13	13	13	5	18	-	-	-	604	604	604	-	46	46

TABLE 16. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE:	-	-	5	-	5	5	-	5	-	-	4,920	-	4,920	4,920	984	-	984
AMPUTATION/ENUCLEATION----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ASPHYXIATION/DROWNING----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)----	-	-	-	6	6	6	6	12	-	-	-	153	153	-	26	26	26
CHEMICAL BURN-----	-	-	-	2	2	2	1	3	-	-	-	9	9	-	4	4	4
CONCUSSION (CEREBRAL)-----	-	-	-	6	6	6	2	8	-	-	-	180	180	-	30	30	30
CONTUSION OR BRUISE-----	1	-	-	39	39	40	21	61	6,000	-	-	540	540	-	14	164	164
CUT OR PUNCTURE-----	-	-	-	43	43	43	98	141	-	-	-	972	972	-	23	23	23
DISLOCATION-----	-	-	-	4	4	4	1	5	-	-	-	118	118	-	30	30	30
DUST IN EYE-----	-	-	-	4	4	4	9	13	-	-	-	38	38	-	10	10	10
FRACTURE-----	-	-	-	48	48	48	25	73	-	-	-	2,936	2,936	-	61	61	61
HERNIA (NOT DISC)-----	-	-	2	5	7	7	-	7	-	-	100	216	316	50	43	45	45
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	-	3	-	-	-	11	11	-	4	4	4
RADIATION/ULTRAVIOLET-----	-	-	-	1	1	1	3	4	-	-	-	1	1	-	1	1	1
SCRATCH/ABRASION-----	-	-	-	4	4	4	3	7	-	-	-	26	26	-	6	6	6
STRAIN/SPRAIN-----	-	-	-	152	152	152	23	175	-	-	-	6,705	6,705	-	44	44	44
MULTIPLE INJURIES-----	1	-	-	7	7	8	5	13	6,000	-	-	668	668	-	95	834	834
OTHER INJURY, NEC-----	1	-	-	4	4	5	-	5	6,000	-	-	36	36	-	9	1,207	1,207
UNCLASSIFIED (NO DATA)-----	-	-	-	45	45	45	10	55	-	-	-	2,446	2,446	-	54	54	54
TOTAL OR AVERAGE-----	4	-	7	373	380	384	207	591	24,000	-	5,020	15,055	20,075	44,075	717	40	115

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012

WORK LOCATION 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:								
SAND AND GRAVEL:								
ARKANSAS-----	-	-	-	-	2	-	-	2
CALIFORNIA-----	-	-	-	-	-	1	-	1
IOWA-----	-	-	-	-	1	-	-	1
MICHIGAN-----	-	-	-	-	-	1	-	1
MINNESOTA-----	-	-	-	-	-	2	-	2
OHIO-----	-	-	-	-	-	1	-	1
OKLAHOMA-----	-	-	-	-	-	1	-	1
PENNSYLVANIA-----	-	-	-	-	-	1	-	1
TEXAS-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	3	9	-	12
SURFACE MINES:								
DREDGE:								
SAND AND GRAVEL:								
NEW JERSEY-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	1	-	1
TOTAL SURFACE:								
SAND AND GRAVEL:								
ARKANSAS-----	-	-	-	-	2	-	-	2
CALIFORNIA-----	-	-	-	-	-	1	-	1
IOWA-----	-	-	-	-	1	-	-	1
MICHIGAN-----	-	-	-	-	-	1	-	1
MINNESOTA-----	-	-	-	-	-	2	-	2
NEW JERSEY-----	-	-	-	-	-	1	-	1
OHIO-----	-	-	-	-	-	1	-	1
OKLAHOMA-----	-	-	-	-	-	1	-	1
PENNSYLVANIA-----	-	-	-	-	-	1	-	1
TEXAS-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	3	10	-	13
TOTAL MINING:								
SAND AND GRAVEL:								
ARKANSAS-----	-	-	-	-	2	-	-	2
CALIFORNIA-----	-	-	-	-	-	1	-	1
IOWA-----	-	-	-	-	1	-	-	1
MICHIGAN-----	-	-	-	-	-	1	-	1
MINNESOTA-----	-	-	-	-	-	2	-	2
NEW JERSEY-----	-	-	-	-	-	1	-	1
OHIO-----	-	-	-	-	-	1	-	1
OKLAHOMA-----	-	-	-	-	-	1	-	1
PENNSYLVANIA-----	-	-	-	-	-	1	-	1
TEXAS-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	3	10	-	13

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

WORK LOCATION 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: SAND AND GRAVEL:								
ARKANSAS-----	-	-	-	-	2	-	-	2
CALIFORNIA-----	-	-	-	-	-	1	-	1
IOWA-----	-	-	-	-	1	-	-	1
MICHIGAN-----	-	-	-	-	-	1	-	1
MINNESOTA-----	-	-	-	-	-	2	-	2
NEW JERSEY-----	-	-	-	-	-	1	-	1
OHIO-----	-	-	-	-	-	1	-	1
OKLAHOMA-----	-	-	-	-	-	1	-	1
PENNSYLVANIA-----	-	-	-	-	-	1	-	1
TEXAS-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	3	10	-	13
GRAND TOTAL: SAND AND GRAVEL:								
ARKANSAS-----	-	-	-	-	2	-	-	2
CALIFORNIA-----	-	-	-	-	-	1	-	1
IOWA-----	-	-	-	-	1	-	-	1
MICHIGAN-----	-	-	-	-	-	1	-	1
MINNESOTA-----	-	-	-	-	-	2	-	2
NEW JERSEY-----	-	-	-	-	-	1	-	1
OHIO-----	-	-	-	-	-	1	-	1
OKLAHOMA-----	-	-	-	-	-	1	-	1
PENNSYLVANIA-----	-	-	-	-	-	1	-	1
TEXAS-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	3	10	-	13
TOTAL OR AVERAGE-----	-	-	-	-	3	10	-	13

TABLE 18- 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 19 - 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, PRODUCTION 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, PRODUCTION 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, PRODUCTION 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 (SAND AND GRAVEL 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 location appear in six different tables, numbers 5, 7, 9, 12, 13, and 14. However, only one of these, table 9, provides a further division by nature of injury as well. The occupation of the injured is found in table 13 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 SAND AND GRAVEL 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		5		5	5				
		7		7	7				
		9		9	9				
		11					11		
				12			12		
		13		13	13				
		14		14	14				
								17	
		18	18			18	18		
	19	19			19	19		19	
State		5		5	5				
		11					11		
				12			12		
								17	
Part of body injured		7		7	7				
		10		10	10				
		15		15	15				
Nature of injury		9		9	9				
		10		10	10				
		16		16	16				
Occupation at time of injury		13		13	13				
Accident Classification		14		14	14				
		15		15	15				
		16		16	16				
Mineral-industry							17		
Type of Coal		18	18			18	18		
		19	19			19	19		19

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 18 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 SAND AND GRAVEL 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	1	-	-	1	2	1	-	-
NFDL-----	14	9	24	23	26	14	9	24	23	27
TOTAL LWD INJURIES-----	15	11	25	23	26	15	11	25	23	27
NDL-----	12	2	3	9	13	12	2	3	9	14
TOTAL INJURIES-----	27	13	28	32	39	27	13	28	32	41
AVERAGE SEVERITY:										
PERMANENT PARTIAL-----	-	75	380	-	-	-	75	380	-	-
TEMPORARY NFDL-----	50	46	41	75	31	50	46	41	75	33
ALL LWD INJURIES-----	447	1,131	306	75	31	447	1,131	306	75	33

TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012

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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
OPEN PIT:																	
ALASKA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
IOWA-----	-	-	-	-	1	-	-	1	-	-	-	5	5	-	5	5	
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	120	120	120	-	120	
MICHIGAN-----	-	-	-	1	1	1	-	1	-	-	-	7	7	-	7	7	
NEVADA-----	-	-	-	1	1	1	1	2	-	-	-	16	16	-	16	16	
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	-	-	36	36	-	36	36	
OKLAHOMA-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
SOUTH DAKOTA-----	-	-	-	1	1	1	-	1	-	-	-	69	69	-	69	69	
TEXAS-----	-	-	-	6	6	6	3	9	-	-	-	130	130	-	22	22	
UTAH-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
VIRGINIA-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
WISCONSIN-----	-	-	-	6	6	6	3	9	-	-	-	127	127	-	21	21	
WYOMING-----	-	-	-	1	1	1	-	1	-	-	-	10	10	-	10	10	
TOTAL OR AVERAGE-----	-	-	-	19	19	19	11	30	-	-	-	520	520	520	-	27	27
DREDGE:																	
FLORIDA-----	-	-	-	1	1	1	-	1	-	-	-	53	53	-	53	53	
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	-	-	80	80	-	80	80	
OHIO-----	-	-	-	1	1	1	1	2	-	-	-	10	10	-	10	10	
TEXAS-----	-	-	-	1	1	1	-	1	-	-	-	5	5	-	5	5	
WISCONSIN-----	-	-	-	3	3	3	1	4	-	-	-	129	129	-	43	43	
TOTAL OR AVERAGE-----	-	-	-	7	7	7	2	9	-	-	-	277	277	277	-	40	40
TOTAL OR AVERAGE, SURFACE:																	
ALASKA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
FLORIDA-----	-	-	-	1	1	1	-	1	-	-	-	53	53	-	53	53	
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	5	5	-	5	5	
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	120	120	120	-	120	
MICHIGAN-----	-	-	-	1	1	1	-	1	-	-	-	7	7	-	7	7	
NEVADA-----	-	-	-	1	1	1	1	2	-	-	-	16	16	-	16	16	
NEW JERSEY-----	-	-	-	2	2	2	-	2	-	-	-	116	116	-	58	58	
OHIO-----	-	-	-	1	1	1	1	2	-	-	-	10	10	-	10	10	
OKLAHOMA-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
SOUTH DAKOTA-----	-	-	-	1	1	1	-	1	-	-	-	69	69	-	69	69	
TEXAS-----	-	-	-	7	7	7	3	10	-	-	-	135	135	-	19	19	
UTAH-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
VIRGINIA-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
WISCONSIN-----	-	-	-	9	9	9	4	13	-	-	-	256	256	-	28	28	
WYOMING-----	-	-	-	1	1	1	-	1	-	-	-	10	10	-	10	10	
TOTAL OR AVERAGE-----	-	-	-	26	26	26	13	39	-	-	-	797	797	797	-	31	31

TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					TOTAL	PERMANENT						TEMPORARY	TOTAL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:	-	-	-	26	26	26	13	39	-	-	-	797	797	797	-	31	31
ALASKA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FLORIDA-----	-	-	-	1	1	1	-	1	-	-	-	53	53	53	-	53	53
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	120	120	120	-	120	120
MICHIGAN-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
NEVADA-----	-	-	-	1	1	1	1	2	-	-	-	16	16	16	-	16	16
NEW JERSEY-----	-	-	-	2	2	2	-	2	-	-	-	116	116	116	-	58	58
OHIO-----	-	-	-	1	1	1	1	2	-	-	-	10	10	10	-	10	10
OKLAHOMA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	1	1	1	-	1	-	-	-	69	69	69	-	69	69
TEXAS-----	-	-	-	7	7	7	3	10	-	-	-	135	135	135	-	19	19
UTAH-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	9	9	9	4	13	-	-	-	256	256	256	-	28	28
WYOMING-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
TOTAL OR AVERAGE-----	-	-	-	26	26	26	13	39	-	-	-	797	797	797	-	31	31
TOTAL OR AVERAGE, ALL MINES AND PLANTS:	-	-	-	26	26	26	13	39	-	-	-	797	797	797	-	31	31
ALASKA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FLORIDA-----	-	-	-	1	1	1	-	1	-	-	-	53	53	53	-	53	53
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	120	120	120	-	120	120
MICHIGAN-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
NEVADA-----	-	-	-	1	1	1	1	2	-	-	-	16	16	16	-	16	16
NEW JERSEY-----	-	-	-	2	2	2	-	2	-	-	-	116	116	116	-	58	58
OHIO-----	-	-	-	1	1	1	1	2	-	-	-	10	10	10	-	10	10
OKLAHOMA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	1	1	1	-	1	-	-	-	69	69	69	-	69	69
TEXAS-----	-	-	-	7	7	7	3	10	-	-	-	135	135	135	-	19	19
UTAH-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	9	9	9	4	13	-	-	-	256	256	256	-	28	28
WYOMING-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
TOTAL OR AVERAGE-----	-	-	-	26	26	26	13	39	-	-	-	797	797	797	-	31	31
OFFICE:	-	-	-	1	1	1	1	2	-	-	-	92	92	92	-	92	92
LOUISIANA-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	-	92	92
OKLAHOMA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	92	92	92	-	92	92

TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2012 (CONTINUED)

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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					TOTAL	PERMANENT						TEMPORARY	TOTAL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:	-	-	-	27	27	27	14	41	-	-	-	889	889	889	-	33	33
ALASKA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FLORIDA-----	-	-	-	1	1	1	-	1	-	-	-	53	53	53	-	53	53
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	120	120	120	-	120	120
LOUISIANA-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	-	92	92
MICHIGAN-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
NEVADA-----	-	-	-	1	1	1	1	2	-	-	-	16	16	16	-	16	16
NEW JERSEY-----	-	-	-	2	2	2	-	2	-	-	-	116	116	116	-	58	58
OHIO-----	-	-	-	1	1	1	1	2	-	-	-	10	10	10	-	10	10
OKLAHOMA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	1	1	1	-	1	-	-	-	69	69	69	-	69	69
TEXAS-----	-	-	-	7	7	7	3	10	-	-	-	135	135	135	-	19	19
UTAH-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	9	9	9	4	13	-	-	-	256	256	256	-	28	28
WYOMING-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT CONTRACTOR SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
HEAD, NEC-----	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	4	4
UPPER ARM-----	-	-	-	2	2	2	-	1	-	-	-	-	-	-	-	-	-
ELBOW-----	-	-	-	2	2	2	-	2	-	-	-	46	46	46	-	23	23
HAND-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
FINGER(S)-----	-	-	-	2	2	2	3	5	-	-	-	133	133	133	-	66	66
BACK-----	-	-	-	3	3	3	1	4	-	-	-	22	22	22	-	7	7
CHEST-----	-	-	-	1	1	1	1	2	-	-	-	16	16	16	-	16	16
PELVIC REGION-----	-	-	-	2	2	2	-	2	-	-	-	6	6	6	-	3	3
SHOULDER(S)-----	-	-	-	3	3	3	1	4	-	-	-	88	88	88	-	29	29
KNEE-----	-	-	-	1	1	1	1	2	-	-	-	37	37	37	-	37	37
ANKLE-----	-	-	-	2	2	2	-	2	-	-	-	95	95	95	-	48	48
MULTIPLE PARTS OF BODY--	-	-	-	1	1	1	-	1	-	-	-	69	69	69	-	69	69
TOTAL OR AVERAGE-----	-	-	-	19	19	19	11	30	-	-	-	520	520	520	-	27	27
DREDGE:																	
NECK-----	-	-	-	1	1	1	1	2	-	-	-	80	80	80	-	80	80
ELBOW-----	-	-	-	1	1	1	-	1	-	-	-	53	53	53	-	53	53
HAND-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
FINGER(S)-----	-	-	-	1	1	1	-	1	-	-	-	36	36	36	-	36	36
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	-	20	20
KNEE-----	-	-	-	2	2	2	-	2	-	-	-	83	83	83	-	42	42
ANKLE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	7	7	7	2	9	-	-	-	277	277	277	-	40	40
TOTAL OR AVERAGE, MINING:																	
HEAD, NEC-----	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	4	4
NECK-----	-	-	-	1	1	1	1	2	-	-	-	80	80	80	-	80	80
UPPER ARM-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ELBOW-----	-	-	-	3	3	3	-	3	-	-	-	99	99	99	-	33	33
HAND-----	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
FINGER(S)-----	-	-	-	3	3	3	3	6	-	-	-	169	169	169	-	56	56
BACK-----	-	-	-	3	3	3	1	4	-	-	-	22	22	22	-	7	7
CHEST-----	-	-	-	1	1	1	1	2	-	-	-	16	16	16	-	16	16
PELVIC REGION-----	-	-	-	3	3	3	-	3	-	-	-	26	26	26	-	9	9
SHOULDER(S)-----	-	-	-	3	3	3	1	4	-	-	-	88	88	88	-	29	29
KNEE-----	-	-	-	3	3	3	1	4	-	-	-	120	120	120	-	40	40
ANKLE-----	-	-	-	2	2	2	1	3	-	-	-	95	95	95	-	48	48
MULTIPLE PARTS OF BODY--	-	-	-	1	1	1	-	1	-	-	-	69	69	69	-	69	69
TOTAL OR AVERAGE-----	-	-	-	26	26	26	13	39	-	-	-	797	797	797	-	31	31
OFFICE:																	
FINGER(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
LOWER EXTREMITIES, NEC----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	-	92	92
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	92	92	92	-	92	92

TABLE 7. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT CONTRACTOR SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:-----	-	-	-	27	27	27	14	41	-	-	-	889	889	889	-	33	33
HEAD, NEC-----	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	4	4
NECK-----	-	-	-	1	1	1	1	1	-	-	-	80	80	80	-	80	80
UPPER ARM-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
ELBOW-----	-	-	-	3	3	3	-	3	-	-	-	99	99	99	-	33	33
HAND-----	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
FINGER(S)-----	-	-	-	3	3	3	4	7	-	-	-	169	169	169	-	56	56
BACK-----	-	-	-	3	3	3	1	4	-	-	-	22	22	22	-	7	7
CHEST-----	-	-	-	1	1	1	1	2	-	-	-	16	16	16	-	16	16
PELVIC REGION-----	-	-	-	3	3	3	-	3	-	-	-	26	26	26	-	9	9
SHOULDER(S)-----	-	-	-	3	3	3	1	4	-	-	-	88	88	88	-	29	29
KNEE-----	-	-	-	3	3	3	1	4	-	-	-	120	120	120	-	40	40
ANKLE-----	-	-	-	2	2	2	1	3	-	-	-	95	95	95	-	48	48
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	-	92	92
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	69	69	69	-	69	69

TABLE 9. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT CONTRACTOR SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CUT OR PUNCTURE-----	-	-	-	3	3	3	6	7	-	-	-	140	140	140	-	47	47
FRACTURE-----	-	-	-	5	5	5	2	9	-	-	-	205	205	205	-	41	41
STRAIN/SPRAIN-----	-	-	-	9	9	9	3	12	-	-	-	171	171	171	-	19	19
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	19	19	19	11	30	-	-	-	520	520	520	-	27	27
DREDGE:																	
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	116	116	116	-	58	58
STRAIN/SPRAIN-----	-	-	-	4	4	4	1	5	-	-	-	156	156	156	-	39	39
TOTAL OR AVERAGE-----	-	-	-	7	7	7	2	9	-	-	-	277	277	277	-	40	40
TOTAL OR AVERAGE, MINING:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CUT OR PUNCTURE-----	-	-	-	4	4	4	7	11	-	-	-	145	145	145	-	36	36
FRACTURE-----	-	-	-	7	7	7	2	9	-	-	-	321	321	321	-	46	46
STRAIN/SPRAIN-----	-	-	-	13	13	13	4	17	-	-	-	327	327	327	-	25	25
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	26	26	26	13	39	-	-	-	797	797	797	-	31	31
OFFICE:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	-	92	92
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	92	92	92	-	92	92
GRAND TOTAL OR AVERAGE:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CUT OR PUNCTURE-----	-	-	-	4	4	4	8	12	-	-	-	145	145	145	-	36	36
FRACTURE-----	-	-	-	8	8	8	2	10	-	-	-	413	413	413	-	52	52
STRAIN/SPRAIN-----	-	-	-	13	13	13	4	17	-	-	-	327	327	327	-	25	25
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	27	27	27	14	41	-	-	-	889	889	889	-	33	33

TABLE 10. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY AT CONTRACTOR SAND AND GRAVEL 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	TOTAL NFDL					PERMANENT		TEMPO- RARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
HEAD, NEC:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	4	4
NECK:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	80	80	80	-	80	80
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	80	80	80	-	80	80
UPPER ARM:																	
STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ELBOW:																	
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	46	46	46	-	23	23
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	53	53	53	-	53	53
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	99	99	99	-	33	33
HAND:																	
CUT OR PUNCTURE-----	-	-	-	1	1	1	2	3	-	-	-	5	5	5	-	5	5
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
FINGER(S):																	
CUT OR PUNCTURE-----	-	-	-	2	2	2	4	6	-	-	-	133	133	133	-	66	66
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	36	36	36	-	36	36
TOTAL OR AVERAGE-----	-	-	-	3	3	3	4	7	-	-	-	169	169	169	-	56	56
BACK:																	
STRAIN/SPRAIN-----	-	-	-	3	3	3	1	4	-	-	-	22	22	22	-	7	7
TOTAL OR AVERAGE-----	-	-	-	3	3	3	1	4	-	-	-	22	22	22	-	7	7
CHEST:																	
FRACTURE-----	-	-	-	1	1	1	1	2	-	-	-	16	16	16	-	16	16
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	16	16	16	-	16	16

TABLE 10. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY AT CONTRACTOR SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
PELVIC REGION:																	
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	23	23	23	-	12	12
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	26	26	26	-	9	9
SHOULDER(S):																	
STRAIN/SPRAIN-----	-	-	-	3	3	3	1	4	-	-	-	88	88	88	-	29	29
TOTAL OR AVERAGE-----	-	-	-	3	3	3	1	4	-	-	-	88	88	88	-	29	29
KNEE:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	120	120	120	-	40	40
TOTAL OR AVERAGE-----	-	-	-	3	3	3	1	4	-	-	-	120	120	120	-	40	40
ANKLE:																	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	74	74	74	-	74	74
STRAIN/SPRAIN-----	-	-	-	1	1	1	1	2	-	-	-	21	21	21	-	21	21
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	95	95	95	-	48	48
LOWER EXTREMITIES, NEC:																	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	-	92	92
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	-	92	92
MULTIPLE PARTS OF BODY:																	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	69	69	69	-	69	69
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	69	69	69	-	69	69
TOTAL OR AVERAGE:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CUT OR PUNCTURE-----	-	-	-	4	4	4	8	12	-	-	-	145	145	145	-	36	36
FRACTURE-----	-	-	-	8	8	8	2	10	-	-	-	413	413	413	-	52	52
STRAIN/SPRAIN-----	-	-	-	13	13	13	4	17	-	-	-	327	327	327	-	25	25
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	27	27	27	14	41	-	-	-	889	889	889	-	33	33

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR SAND AND GRAVEL 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	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:																																					
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR SAND AND GRAVEL 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		
GRAND TOTAL:																																			
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
MICHIGAN-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
OHIO-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TEXAS-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL-----	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	9	2	-	-	1	-	-	-	-	-	-	-	-	-	27	14

TABLE 12. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR SAND AND GRAVEL 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
OPEN PIT:																						
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-	146	-
DREDGE:																						
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93	-	-	36	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	161	-	-	36	-
TOTAL MICHIGAN:																						
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	-	36	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	203	-	-	182	-
OFFICE:																						
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL:																						
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	-	36	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	203	-	-	182	-

TABLE 12. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT CONTRACTOR SAND AND GRAVEL 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
OPEN PIT:																						
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	5
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120
MICHIGAN-----	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	36
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	-	-	-	-	-	-	69
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	130
WISCONSIN-----	-	74	-	-	-	-	-	-	-	-	-	-	-	120	-	-	-	-	-	-	-	127
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
TOTAL-----	-	81	-	-	-	-	-	-	-	-	-	-	-	251	-	-	-	-	-	-	-	520
DREDGE:																						
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	80	-	-	-	-	-	-	-	80
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	129
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	80	-	-	-	-	-	-	-	277
TOTAL MICHIGAN:																						
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	5
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120
MICHIGAN-----	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	116	-	-	-	-	-	-	-	116
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	-	-	-	-	-	-	69
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	135
WISCONSIN-----	-	74	-	-	-	-	-	-	-	-	-	-	-	120	-	-	-	-	-	-	-	256
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
TOTAL-----	-	81	-	-	-	-	-	-	-	-	-	-	-	331	-	-	-	-	-	-	-	797
OFFICE:																						
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	92	-	-	-	-	-	-	-	92
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	92	-	-	-	-	-	-	-	92
GRAND TOTAL:																						
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	5
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	92	-	-	-	-	-	-	-	92
MICHIGAN-----	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	116	-	-	-	-	-	-	-	116
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	-	-	-	-	-	-	69
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	135
WISCONSIN-----	-	74	-	-	-	-	-	-	-	-	-	-	-	120	-	-	-	-	-	-	-	256
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
TOTAL-----	-	81	-	-	-	-	-	-	-	-	-	-	-	423	-	-	-	-	-	-	-	889

TABLE 13. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT CONTRACTOR SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
DRI LL OPERATOR-----	-	-	-	2	2	2	-	2	-	-	-	23	23	23	-	12	12
ELECTRI CI AN-----	-	-	-	1	1	1	2	2	-	-	-	-	-	-	-	-	-
FRONT END LOADER-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
LABORER-----	-	-	-	2	2	2	-	2	-	-	-	70	70	70	-	35	35
MECHANI C/MAI NTE NANCE-----	-	-	-	7	7	7	5	12	-	-	-	173	173	173	-	25	25
MI NER-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
PREP. PLANT OPR.-----	-	-	-	2	2	2	1	3	-	-	-	77	77	77	-	38	38
SUPERVI SOR/FOREMAN-----	-	-	-	1	1	1	-	1	-	-	-	80	80	80	-	80	80
TRUCK DRI VER-----	-	-	-	3	3	3	-	3	-	-	-	80	80	80	-	27	27
WELDER/MACHI NI ST-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE-----	-	-	-	19	19	19	11	30	-	-	-	520	520	520	-	27	27
DREDGE:																	
DRI LL OPERATOR-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
ELECTRI CI AN-----	-	-	-	2	2	2	-	2	-	-	-	56	56	56	-	28	28
FRONT END LOADER-----	-	-	-	1	1	1	1	2	-	-	-	53	53	53	-	53	53
LABORER-----	-	-	-	2	2	2	-	2	-	-	-	90	90	90	-	45	45
MECHANI C/MAI NTE NANCE-----	-	-	-	1	1	1	-	1	-	-	-	73	73	73	-	73	73
MI NER-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PREP. PLANT OPR.-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-
N. E. C. OR UNKNOWN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	7	7	7	2	9	-	-	-	277	277	277	-	40	40
TOTAL OR AVERAGE, MI NING:																	
DRI LL OPERATOR-----	-	-	-	3	3	3	-	3	-	-	-	28	28	28	-	9	9
ELECTRI CI AN-----	-	-	-	2	2	2	2	4	-	-	-	56	56	56	-	28	28
FRONT END LOADER-----	-	-	-	2	2	2	1	3	-	-	-	69	69	69	-	34	34
LABORER-----	-	-	-	2	2	2	-	2	-	-	-	70	70	70	-	35	35
MECHANI C/MAI NTE NANCE-----	-	-	-	7	7	7	5	12	-	-	-	173	173	173	-	25	25
MI NER-----	-	-	-	2	2	2	2	4	-	-	-	90	90	90	-	45	45
PREP. PLANT OPR.-----	-	-	-	3	3	3	1	4	-	-	-	150	150	150	-	50	50
SUPERVI SOR/FOREMAN-----	-	-	-	1	1	1	-	1	-	-	-	80	80	80	-	80	80
TRUCK DRI VER-----	-	-	-	3	3	3	-	3	-	-	-	80	80	80	-	27	27
WELDER/MACHI NI ST-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE-----	-	-	-	26	26	26	13	39	-	-	-	797	797	797	-	31	31
OFFI CE:																	
TECH./PROF./CLERI CAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	-	92	92
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	92	92	92	-	92	92

TABLE 13. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND OCCUPATION AT TIME OF INJURY AT CONTRACTOR SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:-----	-	-	-	27	27	27	14	41	-	-	-	889	889	889	-	33	33
DRI LL OPERATOR-----	-	-	-	3	3	3	-	3	-	-	-	28	28	28	-	9	9
ELECTRI CI AN-----	-	-	-	2	2	2	2	4	-	-	-	56	56	56	-	28	28
FRONT END LOADER-----	-	-	-	2	2	2	1	3	-	-	-	69	69	69	-	34	34
LABORER-----	-	-	-	2	2	2	-	2	-	-	-	70	70	70	-	35	35
MECHANIC/MAINTENANCE-----	-	-	-	7	7	7	5	12	-	-	-	173	173	173	-	25	25
MINER-----	-	-	-	2	2	2	2	4	-	-	-	90	90	90	-	45	45
PREP. PLANT OPR.-----	-	-	-	3	3	3	1	4	-	-	-	150	150	150	-	50	50
SUPERVISOR/FOREMAN-----	-	-	-	1	1	1	-	1	-	-	-	80	80	80	-	80	80
TECH./PROF./CLERICAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TRUCK DRIVER-----	-	-	-	3	3	3	-	3	-	-	-	80	80	80	-	27	27
WELDER/MACHINIST-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
N. E. C. OR UNKNOWN-----	-	-	-	2	2	2	1	3	-	-	-	93	93	93	-	46	46

TABLE 14. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND ACCIDENT CLASSIFICATION AT CONTRACTOR SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
SURFACE MINES:																	
OPEN PIT:																	
HANDLING MATERIAL-----	-	-	-	7	7	7	4	11	-	-	-	42	42	42	-	6	6
HAND TOOL-----	-	-	-	3	3	3	2	5	-	-	-	146	146	146	-	49	49
POWERED HAULAGE-----	-	-	-	2	2	2	-	2	-	-	-	81	81	81	-	40	40
MACHINERY-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
SLIP OR FALL OF PERSON-----	-	-	-	7	7	7	2	9	-	-	-	251	251	251	-	36	36
STEPPING OR KNEELING ON OBJECT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	19	19	19	11	30	-	-	-	520	520	520	-	27	27
DREDGE:																	
HANDLING MATERIAL-----	-	-	-	5	5	5	1	6	-	-	-	161	161	161	-	32	32
HAND TOOL-----	-	-	-	1	1	1	-	1	-	-	-	36	36	36	-	36	36
POWERED HAULAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SLIP OR FALL OF PERSON-----	-	-	-	1	1	1	-	1	-	-	-	80	80	80	-	80	80
TOTAL OR AVERAGE-----	-	-	-	7	7	7	2	9	-	-	-	277	277	277	-	40	40
TOTAL OR AVERAGE, MINING:																	
HANDLING MATERIAL-----	-	-	-	12	12	12	5	17	-	-	-	203	203	203	-	17	17
HAND TOOL-----	-	-	-	4	4	4	2	6	-	-	-	182	182	182	-	46	46
POWERED HAULAGE-----	-	-	-	2	2	2	1	3	-	-	-	81	81	81	-	40	40
MACHINERY-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
SLIP OR FALL OF PERSON-----	-	-	-	8	8	8	2	10	-	-	-	331	331	331	-	41	41
STEPPING OR KNEELING ON OBJECT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	26	26	26	13	39	-	-	-	797	797	797	-	31	31
OFFICE:																	
HANDLING MATERIAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SLIP OR FALL OF PERSON-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	-	92	92
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	92	92	92	-	92	92
GRAND TOTAL OR AVERAGE:																	
HANDLING MATERIAL-----	-	-	-	12	12	12	6	18	-	-	-	203	203	203	-	17	17
HAND TOOL-----	-	-	-	4	4	4	2	6	-	-	-	182	182	182	-	46	46
POWERED HAULAGE-----	-	-	-	2	2	2	1	3	-	-	-	81	81	81	-	40	40
MACHINERY-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
SLIP OR FALL OF PERSON-----	-	-	-	9	9	9	2	11	-	-	-	423	423	423	-	47	47
STEPPING OR KNEELING ON OBJECT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	27	27	27	14	41	-	-	-	889	889	889	-	33	33

TABLE 15. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED AT CONTRACTOR SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
HANDLING MATERIAL:																	
HEAD, NEC-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
NECK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UPPER ARM-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ELBOW-----	-	-	-	1	1	1	-	1	-	-	-	53	53	53	-	53	53
HAND-----	-	-	-	1	1	1	2	3	-	-	-	5	5	5	-	5	5
FINGER(S)-----	-	-	-	1	1	1	2	3	-	-	-	13	13	13	-	13	13
BACK-----	-	-	-	3	3	3	-	3	-	-	-	22	22	22	-	7	7
PELVIC REGION-----	-	-	-	2	2	2	-	2	-	-	-	23	23	23	-	12	12
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
KNEE-----	-	-	-	2	2	2	-	2	-	-	-	83	83	83	-	42	42
TOTAL OR AVERAGE-----	-	-	-	12	12	12	6	18	-	-	-	203	203	203	-	17	17
HAND TOOL:																	
ELBOW-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
FINGER(S)-----	-	-	-	2	2	2	1	3	-	-	-	156	156	156	-	78	78
CHEST-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
KNEE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	4	4	4	2	6	-	-	-	182	182	182	-	46	46
POWERED HAULAGE:																	
HEAD, NEC-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
ANKLE-----	-	-	-	1	1	1	1	2	-	-	-	74	74	74	-	74	74
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	81	81	81	-	40	40
MACHINERY:																	
HAND-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FINGER(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
SLIP OR FALL OF PERSON:																	
NECK-----	-	-	-	1	1	1	-	1	-	-	-	80	80	80	-	80	80
ELBOW-----	-	-	-	1	1	1	-	1	-	-	-	36	36	36	-	36	36
CHEST-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
SHOULDER(S)-----	-	-	-	2	2	2	1	3	-	-	-	85	85	85	-	42	42
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	37	37	37	-	37	37
ANKLE-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	-	92	92
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	69	69	69	-	69	69
TOTAL OR AVERAGE-----	-	-	-	9	9	9	2	11	-	-	-	423	423	423	-	47	47

TABLE 15. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED AT CONTRACTOR SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
STEPPING OR KNEELING ON OBJECT:																	
BACK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE:																	
HEAD, NEC-----	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	4	4
NECK-----	-	-	-	1	1	1	1	2	-	-	-	80	80	80	-	80	80
UPPER ARM-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ELBOW-----	-	-	-	3	3	3	-	3	-	-	-	99	99	99	-	33	33
HAND-----	-	-	-	1	1	1	3	4	-	-	-	5	5	5	-	5	5
FINGER(S)-----	-	-	-	3	3	3	4	7	-	-	-	169	169	169	-	56	56
BACK-----	-	-	-	3	3	3	1	4	-	-	-	22	22	22	-	7	7
CHEST-----	-	-	-	1	1	1	1	2	-	-	-	16	16	16	-	16	16
PELVIC REGION-----	-	-	-	3	3	3	-	3	-	-	-	26	26	26	-	9	9
SHOULDER(S)-----	-	-	-	3	3	3	1	4	-	-	-	88	88	88	-	29	29
KNEE-----	-	-	-	3	3	3	1	4	-	-	-	120	120	120	-	40	40
ANKLE-----	-	-	-	2	2	2	1	3	-	-	-	95	95	95	-	48	48
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	-	92	92
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	69	69	69	-	69	69
TOTAL OR AVERAGE-----	-	-	-	27	27	27	14	41	-	-	-	889	889	889	-	33	33

TABLE 16. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT CONTRACTOR SAND AND GRAVEL 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	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
HANDLING MATERIAL:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CUT OR PUNCTURE-----	-	-	-	2	2	2	4	6	-	-	-	18	18	18	-	9	9
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	9	9	9	1	10	-	-	-	184	184	184	-	20	20
TOTAL OR AVERAGE-----	-	-	-	12	12	12	6	18	-	-	-	203	203	203	-	17	17
HAND TOOL:																	
CUT OR PUNCTURE-----	-	-	-	1	1	1	2	3	-	-	-	120	120	120	-	120	120
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	62	62	62	-	21	21
TOTAL OR AVERAGE-----	-	-	-	4	4	4	2	6	-	-	-	182	182	182	-	46	46
POWERED HAULAGE:																	
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	74	74	74	-	74	74
STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	81	81	81	-	40	40
MACHINERY:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
SLIP OR FALL OF PERSON:																	
FRACTURE-----	-	-	-	4	4	4	1	5	-	-	-	277	277	277	-	69	69
STRAIN/SPRAIN-----	-	-	-	4	4	4	1	5	-	-	-	143	143	143	-	36	36
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	9	9	9	2	11	-	-	-	423	423	423	-	47	47
STEPPING OR KNEELING ON OBJECT:																	
STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CUT OR PUNCTURE-----	-	-	-	4	4	4	8	12	-	-	-	145	145	145	-	36	36
FRACTURE-----	-	-	-	8	8	8	2	10	-	-	-	413	413	413	-	52	52
STRAIN/SPRAIN-----	-	-	-	13	13	13	4	17	-	-	-	327	327	327	-	25	25
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	27	27	27	14	41	-	-	-	889	889	889	-	33	33

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT CONTRACTOR SAND AND GRAVEL 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:								
SAND AND GRAVEL:								
WISCONSIN-----	-	-	1	-	-	-	-	1
TOTAL-----	-	-	1	-	-	-	-	1
TOTAL SURFACE:								
SAND AND GRAVEL:								
WISCONSIN-----	-	-	1	-	-	-	-	1
TOTAL-----	-	-	1	-	-	-	-	1
TOTAL MINING:								
SAND AND GRAVEL:								
WISCONSIN-----	-	-	1	-	-	-	-	1
TOTAL-----	-	-	1	-	-	-	-	1
TOTAL, MINES AND PLANTS:								
SAND AND GRAVEL:								
WISCONSIN-----	-	-	1	-	-	-	-	1
TOTAL-----	-	-	1	-	-	-	-	1
GRAND TOTAL:								
SAND AND GRAVEL:								
WISCONSIN-----	-	-	1	-	-	-	-	1
TOTAL-----	-	-	1	-	-	-	-	1
TOTAL OR AVERAGE-----	-	-	1	-	-	-	-	1

TABLE 18 - 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 OFFICE- WORKERS):										
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 19- RELATED COAL MINING SUMMARY REFERENCE TABLULATION, 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)
BI TUMINOUS 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, BI TUMINOUS 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:											
BI TUMINOUS-----	-		1		3		4				
ANTHRACITE-----	-		-		-		-				
TOTAL, OFFICEWORKERS-----	-		1	.07	3	.20	4	.27	2,337	2,942,413	-
GRAND TOTAL-----	2	.01	346	1.34	169	.65	517	2.00	45,178	51,810,407	936,005