



# Injury Experience in Sand and Gravel Mining, 2010

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

## CONTENTS

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

## ILLUSTRATIONS

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

## TABLES FOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010 (OPERATOR DATA)

1.	General statistics on injury experience and worktime	13
2.	Injury experience by degree and worktime for work location and employment size group	14
3.	Number of injuries, lost workdays, and average severity by degree for work location and employment size group	15
4.	Injury experience by degree and worktime for work location and State	16
5.	Number of injuries, lost workdays, and average severity by degree for work location and State	21
6.	Number of injuries, incidence rates, and severity measures by degree for work location and part of body injured	26
7.	Number of injuries, lost workdays, and average severity by degree for work location and part of body injured	30
8.	Number of injuries, incidence rates, and severity measures by degree for work location and nature of injury	34
9.	Number of injuries, lost workdays, and average severity by degree for work location and nature of injury	36
10.	Number of injuries, lost workdays, and average severity by degree for part of body injured and nature of injury	38
11.	Number of injuries by accident classification and degree for work location and State	44
12.	Number of lost workdays by accident classification and degree of injury for work location and State	52
13.	Number of injuries, lost workdays, and average severity by degree for work location and occupation at time of injury	60
14.	Number of injuries, lost workdays, and average severity by degree for work location and accident classification	62
15.	Number of injuries, lost workdays, and average severity by degree for accident classification and part of body injured	64
16.	Number of injuries, lost workdays, and average severity by degree for accident classification and nature of injury	69
17.	Occurrences report to MSHA as occupational illnesses	73

**TABLES FOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010  
(OPERATOR DATA) – Continued**

18.	Related noncoal mining summary reference tabulation, number of injuries, incidence rates, average number of employees, employee-hours, and production by mineral industry and work location	75
19.	Related coal mining summary reference tabulation, number of injuries, incidence rates, average number of employees, employee-hours, and production by type of coal mined and work location	76

**TABLES FOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010  
(CONTRACTOR DATA)**

	Table reference guide (contractor data)	78
1.	General statistics on injury experience and severity	80
5.	Number of injuries, lost workdays and average severity by degree for work location and State	81
7.	Number of injuries, lost workdays, and average severity by degree for work location and part of body injured	83
9.	Number of injuries, lost workdays, and average severity by degree for work location and nature of injury	84
10.	Number of injuries, lost workdays, and average severity by degree for part of body injured and nature of injury	85
11.	Number of injuries by accident classification and degree for work location and State	87
12.	Number of lost workdays by accident classification and degree of injury for work location and State	89
13.	Number of injuries, lost workdays, and average severity by degree for work location and occupation at time of injury	91
14.	Number of injuries, lost workdays, and average severity by degree for work location and accident classification	92
15.	Number of injuries, lost workdays, and average severity by degree for accident classification and part of body injured	93
16.	Number of injuries, lost workdays, and average severity by degree for accident classification and nature of injury	95
17.	Occurrences reported to MSHA as occupational illnesses	97
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	98
19.	Related coal mining summary reference tabulation, number of injuries, incidence rates, average number of workers, employee-hours, and production by type of coal mined and work location	99

# INJURY EXPERIENCE IN SAND AND GRAVEL MINING, 2010

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## 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 2010. 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 sand and gravel mining operations 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.<sup>1</sup>

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

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<sup>1</sup>Executive 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.

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> <sup>1</sup>
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

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<sup>1</sup> 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

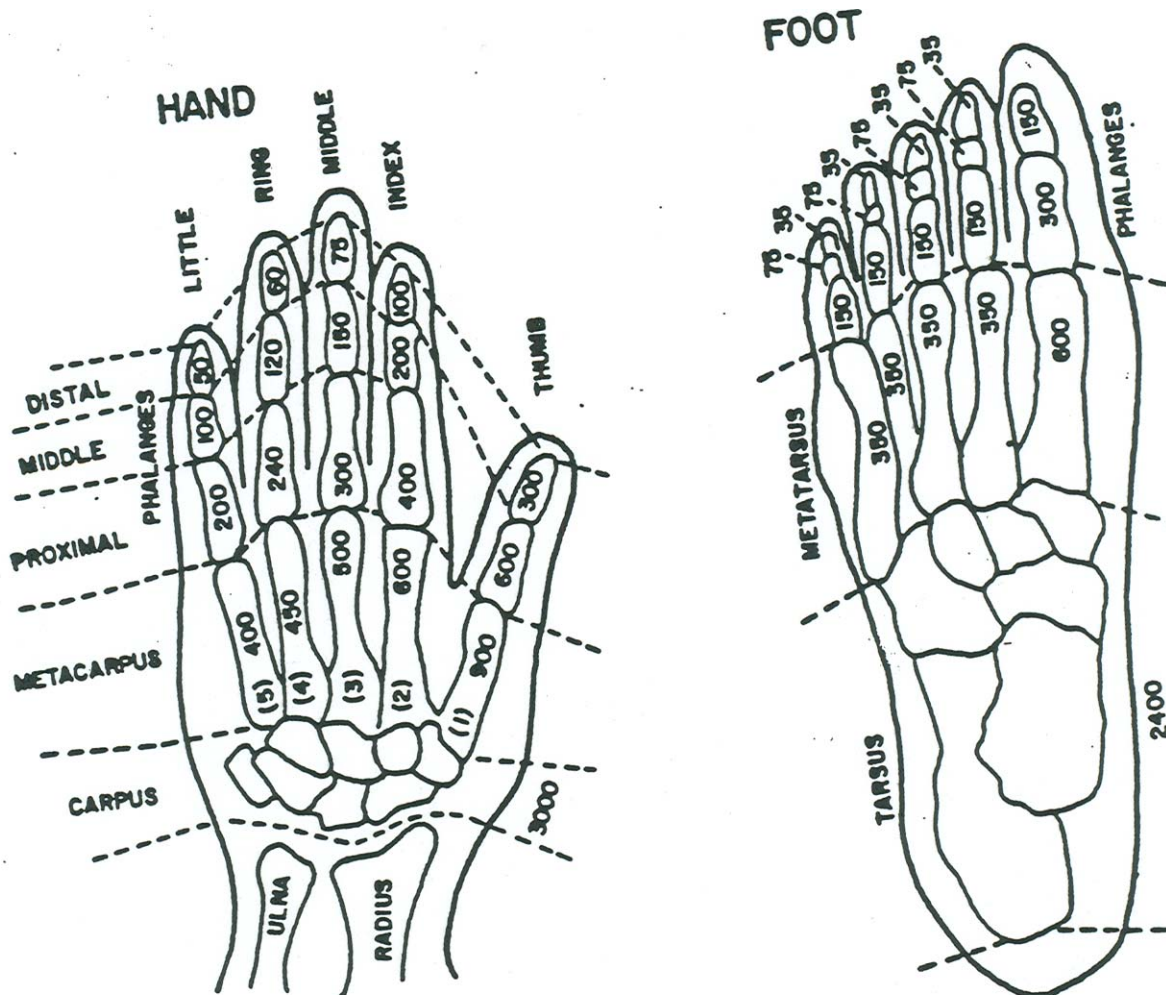
The following reference guide facilitates locating particular data elements contained in the annual statistical tables for operators. A comparable guide precedes the contractor section of this report. The number appearing in each cell indicates the table number in which that particular element may be 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) <sup>1</sup>
		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

<sup>1/</sup> 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)
<b>Underground Mine</b>	Underground	01		
	Surface Shops, Yards, etc.	02		
<b>Surface Mine</b>  (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		
<b>Independent Shops or Yards</b>		17		
<b>Mill Operations, Preparation Plants, or Breakers</b> (include associated shops and yards)		30		
<b>Office (professional and clerical employees at the mine or plant working in an office)</b>		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 _____	Title _____	Tel. No. (____) _____ - _____	
--	------------	-------------	-------------------------------	--

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)**

11

# 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 \_\_\_\_\_

Month	Day	Year
-------	-----	------

7
8

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
-------	-----	------

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).

12
14
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)

22 Dust Diseases of the Lungs       23 Respiratory Conditions (toxic agents)       21 Occupational Skin Diseases  
 25 Disorders (physical agents)       26 Disorders (repeated trauma)       24 Poisoning (toxic Materials)       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, 2010

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	2006	2007	2008	2009	2010	2006	2007	2008	2009	2010
<b>NUMBER OF INJURIES:</b>										
FATAL-----	6	5	3	3	1	6	5	3	3	1
NFDL-----	795	657	550	371	412	799	661	554	378	416
TOTAL LWD INJURIES-----	801	662	553	374	413	805	666	557	381	417
NDL-----	373	302	281	211	202	374	308	284	212	202
TOTAL INJURIES-----	1,174	964	834	585	615	1,179	974	841	593	619
<b>INCIDENCE RATES:</b>										
FATAL-----	.02	.01	.01	.01	(*)	.02	.01	.01	.01	(*)
NFDL-----	2.28	1.97	1.91	1.57	1.79	2.01	1.72	1.66	1.37	1.55
ALL LWD INJURIES-----	2.30	1.98	1.92	1.58	1.79	2.02	1.74	1.67	1.38	1.56
NDL-----	1.07	.90	.97	.89	.88	.94	.80	.85	.77	.76
ALL INJURIES-----	3.37	2.89	2.89	2.47	2.67	2.96	2.54	2.52	2.15	2.31
<b>SEVERITY MEASURES:</b>										
FATAL-----	103	90	62	76	26	90	78	54	65	22
NFDL-----	120	91	90	69	116	106	80	78	60	101
ALL LWD INJURIES-----	223	181	152	146	142	196	158	132	126	123
<b>AVERAGE SEVERITY:</b>										
PERMANENT PARTIAL-----	494	101	692	124	1,336	494	101	692	124	1,336
TEMPORARY NFDL-----	41	36	41	43	43	41	36	41	43	43
ALL LWD INJURIES-----	97	91	79	92	79	97	91	79	91	79
<b>AVERAGE NUMBER OF EMPLOYEES----</b>	38,450	38,182	35,158	30,813	29,545	46,069	45,761	42,307	37,510	35,993
<b>EMPLOYEE-HOURS WORKED-----</b>	69,699,443	66,826,618	57,685,466	47,305,536	46,096,692	79,591,861	76,680,439	66,686,120	55,205,544	53,508,979
<b>AVERAGE HOURS PER EMPLOYEE</b>										
PER YEAR-----	1,813	1,750	1,641	1,535	1,560	1,728	1,676	1,576	1,472	1,487
<b>OPERATIONS REPORTED:</b>										
NUMBER OF OPERATIONS-----	7,099	7,125	7,041	6,878	6,752	7,178	7,199	7,132	6,980	6,863
ASSOCIATED WORK LOCATIONS----	-	-	-	-	-	4,283	4,293	4,238	4,113	3,999

TABLE 2. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010

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 NJU-RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPORARY	TOTAL NFDL																TOTAL	PARTIAL
		TOTAL	PARTIAL																			
<b>SURFACE MINES:</b>																						
<b>OPEN PIT:</b>																						
1 - 4	-	-	3	61	64	64	43	107	-	1.20	1.20	.81	2.01	-	229	229	9,907	10,625,168	4,359	-		
5 - 9	-	-	-	86	86	86	53	139	-	1.46	1.46	.90	2.36	-	65	65	7,348	11,772,900	1,152	-		
10 - 19	-	-	2	94	96	96	33	129	-	2.14	2.14	.74	2.87	-	83	83	4,775	8,976,190	370	-		
20 - 34	-	-	-	46	46	46	18	64	-	2.19	2.19	.86	3.05	-	100	100	2,118	4,201,350	86	-		
35 - 49	-	-	-	24	24	24	12	36	-	2.44	2.44	1.22	3.66	-	124	124	903	1,965,954	23	-		
50 - 99	-	-	-	17	17	17	8	25	-	3.94	3.94	1.85	5.79	-	121	121	397	863,661	6	-		
TOTAL OR AVERAGE	-	-	5	328	333	333	167	500	-	1.73	1.73	.87	2.60	-	123	123	25,448	38,405,223	5,996	-		
<b>DREDGE:</b>																						
1 - 4	-	-	1	16	17	17	8	25	-	1.81	1.81	.85	2.66	-	81	81	1,202	1,881,439	461	-		
5 - 9	1	-	1	27	28	29	15	44	.08	2.33	2.41	1.25	3.65	498	75	573	1,226	2,408,233	192	-		
10 - 19	-	-	-	17	17	17	9	26	-	1.59	1.59	.84	2.43	-	101	101	1,040	2,138,441	80	-		
20 - 34	-	-	-	17	17	17	3	20	-	3.31	3.31	.58	3.89	-	97	97	530	1,027,086	21	-		
35 - 49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	71,209	1	-		
50 - 99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	165,061	1	-		
TOTAL OR AVERAGE	1	-	2	77	79	80	35	115	.03	2.05	2.08	.91	2.99	156	84	240	4,097	7,691,469	756	-		
<b>TOTAL OR AVERAGE, MINING:</b>																						
1 - 4	-	-	4	77	81	81	51	132	-	1.30	1.30	.82	2.11	-	206	206	11,109	12,506,607	4,820	-		
5 - 9	1	-	1	113	114	115	68	183	.01	1.61	1.62	.96	2.58	85	67	152	8,574	14,181,133	1,344	-		
10 - 19	-	-	2	111	113	113	42	155	-	2.03	2.03	.76	2.79	-	87	87	5,815	11,114,631	450	-		
20 - 34	-	-	-	63	63	63	21	84	-	2.41	2.41	.80	3.21	-	100	100	2,648	5,228,436	107	-		
35 - 49	-	-	-	24	24	24	12	36	-	2.36	2.36	1.18	3.53	-	120	120	939	2,037,163	24	-		
50 - 99	-	-	-	17	17	17	8	25	-	3.31	3.31	1.56	4.86	-	101	101	460	1,028,722	7	-		
TOTAL OR AVERAGE	1	-	7	405	412	413	202	615	(*)	1.79	1.79	.88	2.67	26	116	142	29,545	46,096,692	6,752	-		
<b>OFFICE:</b>																						
1 - 4	-	-	-	2	2	2	-	2	-	.07	.07	-	.07	-	2	2	5,549	5,867,120	109	3,878		
5 - 9	-	-	-	2	2	2	-	2	-	.38	.38	-	.38	-	23	23	631	1,052,232	2	101		
10 - 19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	222	415,557	-	18		
20 - 34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	77,378	-	2		
TOTAL OR AVERAGE	-	-	-	4	4	4	-	4	-	.11	.11	-	.11	-	5	5	6,448	7,412,287	111	3,999		
<b>GRAND TOTAL OR AVERAGE:</b>																						
1 - 4	-	-	4	79	83	83	51	134	-	.90	.90	.56	1.46	-	141	141	16,658	18,373,727	4,929	3,878		
5 - 9	1	-	1	115	116	117	68	185	.01	1.52	1.54	.89	2.43	79	64	143	9,205	15,233,365	1,346	101		
10 - 19	-	-	2	111	113	113	42	155	-	1.96	1.96	.73	2.69	-	84	84	6,037	11,530,188	450	18		
20 - 34	-	-	-	63	63	63	21	84	-	2.37	2.37	.79	3.17	-	98	98	2,694	5,305,814	107	2		
35 - 49	-	-	-	24	24	24	12	36	-	2.36	2.36	1.18	3.53	-	120	120	939	2,037,163	24	-		
50 - 99	-	-	-	17	17	17	8	25	-	3.31	3.31	1.56	4.86	-	101	101	460	1,028,722	7	-		
TOTAL OR AVERAGE	1	-	7	409	416	417	202	619	(*)	1.55	1.56	.76	2.31	22	101	123	35,993	53,508,979	6,863	3,999		

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, 2010

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						
<b>SURFACE MINES:</b>																	
<b>OPEN PIT:</b>																	
1 - 4	-	-	3	61	64	64	43	107	-	-	9,050	3,101	12,151	12,151	3,017	51	190
5 - 9	-	-	-	86	86	86	53	139	-	-	-	3,846	3,846	3,846	-	45	45
10 - 19	-	-	2	94	96	96	33	129	-	-	150	3,595	3,745	3,745	75	38	39
20 - 34	-	-	-	46	46	46	18	64	-	-	-	2,106	2,106	2,106	-	46	46
35 - 49	-	-	-	24	24	24	12	36	-	-	-	1,218	1,218	1,218	-	51	51
50 - 99	-	-	-	17	17	17	8	25	-	-	-	522	522	522	-	31	31
TOTAL OR AVERAGE	-	-	5	328	333	333	167	500	-	-	9,200	14,388	23,588	23,588	1,840	44	71
<b>DREDGE:</b>																	
1 - 4	-	-	1	16	17	17	8	25	-	-	100	662	762	762	100	41	45
5 - 9	1	-	1	27	28	29	15	44	6,000	-	50	851	901	6,901	50	32	238
10 - 19	-	-	-	17	17	17	9	26	-	-	-	1,080	1,080	1,080	-	64	64
20 - 34	-	-	-	17	17	17	3	20	-	-	-	498	498	498	-	29	29
35 - 49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 - 99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	1	-	2	77	79	80	35	115	6,000	-	150	3,091	3,241	9,241	75	40	116
<b>TOTAL OR AVERAGE, MINING:</b>																	
1 - 4	-	-	4	77	81	81	51	132	-	-	9,150	3,763	12,913	12,913	2,288	49	159
5 - 9	1	-	1	113	114	115	68	183	6,000	-	50	4,697	4,747	10,747	50	42	93
10 - 19	-	-	2	111	113	113	42	155	-	-	150	4,675	4,825	4,825	75	42	43
20 - 34	-	-	-	63	63	63	21	84	-	-	-	2,604	2,604	2,604	-	41	41
35 - 49	-	-	-	24	24	24	12	36	-	-	-	1,218	1,218	1,218	-	51	51
50 - 99	-	-	-	17	17	17	8	25	-	-	-	522	522	522	-	31	31
TOTAL OR AVERAGE	1	-	7	405	412	413	202	615	6,000	-	9,350	17,479	26,829	32,829	1,336	43	79
<b>OFFICE:</b>																	
1 - 4	-	-	-	2	2	2	-	2	-	-	-	46	46	46	-	23	23
5 - 9	-	-	-	2	2	2	-	2	-	-	-	123	123	123	-	62	62
10 - 19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 - 34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE	-	-	-	4	4	4	-	4	-	-	-	169	169	169	-	42	42
<b>GRAND TOTAL OR AVERAGE:</b>																	
1 - 4	-	-	4	79	83	83	51	134	-	-	9,150	3,809	12,959	12,959	2,288	48	156
5 - 9	1	-	1	115	116	117	68	185	6,000	-	50	4,820	4,870	10,870	50	42	93
10 - 19	-	-	2	111	113	113	42	155	-	-	150	4,675	4,825	4,825	75	42	43
20 - 34	-	-	-	63	63	63	21	84	-	-	-	2,604	2,604	2,604	-	41	41
35 - 49	-	-	-	24	24	24	12	36	-	-	-	1,218	1,218	1,218	-	51	51
50 - 99	-	-	-	17	17	17	8	25	-	-	-	522	522	522	-	31	31
TOTAL OR AVERAGE	1	-	7	409	416	417	202	619	6,000	-	9,350	17,648	26,998	32,998	1,336	43	79

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010

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																				
OPEN PIT:	-	-	-	3	3	3	-	3	-	.83	.83	-	.83	-	13	13	350	720,675	57	-			
ALABAMA-----	-	-	-	-	-	-	1	1	-	-	-	.69	.69	-	-	-	370	290,634	81	-			
ALASKA-----	-	-	-	-	-	-	6	20	-	1.49	1.49	.64	2.13	-	28	28	1,284	1,880,525	232	-			
ARI ZONA-----	-	1	-	13	14	14	2	15	-	3.47	3.47	.53	4.00	-	95	95	379	749,085	49	-			
ARKANSAS-----	-	-	-	13	13	13	2	15	-	2.72	2.72	.92	3.64	-	126	126	2,504	4,342,053	346	-			
CALI FORNI A-----	-	1	-	58	59	59	20	79	-	1.14	1.14	.29	1.43	-	92	92	1,014	1,398,280	258	-			
COLORADO-----	-	-	-	8	8	8	2	10	-	2.02	2.02	-	2.02	-	8	8	214	297,607	63	-			
CONNECTI CUT-----	-	-	-	3	3	3	-	3	-	-	-	-	-	-	-	-	12	17,931	3	-			
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	149,064	23	-			
FLORI DA-----	-	-	-	1	1	1	-	1	-	1.34	1.34	-	1.34	-	408	408	166	313,731	14	-			
GEORGI A-----	-	-	-	3	3	3	1	4	-	1.91	1.91	.64	2.55	-	75	75	80	61,567	32	-			
HAWAI I-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	594	682,857	162	-			
I DAHO-----	-	-	-	7	7	7	2	9	-	2.05	2.05	.59	2.64	-	108	108	329	557,306	80	-			
ILLI NOI S-----	-	-	-	6	6	6	4	10	-	2.15	2.15	1.44	3.59	-	53	53	87	621,863	100	-			
INDI ANA-----	-	-	-	6	6	6	1	7	-	1.93	1.93	.32	2.25	-	87	87	453	588,880	124	-			
I OWA-----	-	-	-	1	1	1	-	1	-	.34	.34	-	.34	-	18	18	115	132,879	38	-			
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	109	108,607	13	-			
KENTUCKY-----	-	-	-	3	3	3	2	5	-	5.52	5.52	3.68	9.21	-	109	109	175	154	284,156	36	-		
LOUI SI ANA-----	-	-	-	4	4	4	1	5	-	2.82	2.82	.70	3.52	-	175	175	126	496,106	158	-			
MAI NE-----	-	-	-	3	3	3	1	4	-	1.21	1.21	.40	1.61	-	126	126	152	199	379,931	20	-		
MARYLAND-----	-	-	-	7	7	7	1	8	-	3.68	3.68	.53	4.21	-	152	152	151	297	389,735	90	-		
MASSACHUSETTS-----	-	-	-	5	5	5	1	6	-	2.57	2.57	.51	3.08	-	151	151	35	35	1,134	1,357,144	368	-	
MI CHI GAN-----	-	-	-	9	9	9	4	13	-	1.33	1.33	.59	1.92	-	759	759	1,152	1,254,583	459	-			
MI NNESOTA-----	-	1	-	6	7	7	6	13	-	1.12	1.12	.96	2.07	-	30	30	28	250	388,867	58	-		
MI SSI SSI PPI-----	-	-	-	8	8	8	2	10	-	2.24	2.24	.56	2.80	-	30	30	559	465,929	198	-			
MI SSOURI-----	-	-	-	6	6	6	4	10	-	3.09	3.09	2.06	5.14	-	28	28	113	138	223,245	29	-		
MONTANA-----	-	-	-	2	2	2	3	5	-	.86	.86	1.29	2.15	-	3	3	35	535	718,277	114	-		
NEBRASKA-----	-	-	-	5	5	5	4	9	-	4.48	4.48	3.58	8.06	-	113	113	35	35	535	718,277	114	-	
NEVADA-----	-	-	-	5	5	5	2	7	-	1.39	1.39	.56	1.95	-	36	36	313	405,530	91	-			
NEW HAMPSHI RE-----	-	-	-	3	3	3	-	3	-	1.48	1.48	-	1.48	-	73	73	228	424,406	42	-			
NEW JERSEY-----	-	-	-	8	8	8	5	13	-	3.77	3.77	2.36	6.13	-	85	85	526	747,844	113	-			
NEW MEXI CO-----	-	-	-	6	6	6	2	8	-	1.60	1.60	.53	2.14	-	43	43	1,174	1,625,810	389	-			
NEW YORK-----	-	-	-	7	7	7	8	15	-	.86	.86	.98	1.85	-	18	18	532	887,960	76	-			
NORTH CAROLI NA-----	-	-	-	7	7	7	7	14	-	1.58	1.58	1.58	3.15	-	86	86	473	614,375	134	-			
NORTH DAKOTA-----	-	-	-	5	5	5	2	7	-	1.63	1.63	.65	2.28	-	60	60	167	168	295,025	35	-		
OHI O-----	-	-	-	7	7	7	5	12	-	1.27	1.27	.91	2.18	-	60	60	653	1,103,319	149	-			
OKLAHOMA-----	-	-	-	4	4	4	3	7	-	2.71	2.71	2.03	4.75	-	167	167	43	43	427	751,655	92	-	
OREGON-----	-	-	-	4	4	4	2	6	-	1.29	1.29	.65	1.94	-	30	30	290	290	183	270,841	31	-	
PENNSYLVANI A-----	-	-	-	6	6	6	4	10	-	1.60	1.60	1.06	2.66	-	43	43	5	5	86	151,946	18	-	
PUERTO RI CO-----	-	-	-	4	4	4	-	4	-	2.95	2.95	-	2.95	-	290	290	183	270,841	31	-			
RHODE I SLAND-----	-	-	-	1	1	1	1	2	-	1.32	1.32	1.32	2.63	-	5	5	206	344,113	31	-			
SOUTH CAROLI NA-----	-	-	-	2	2	2	2	4	-	1.16	1.16	1.16	2.32	-	145	145	438	566,160	141	-			
SOUTH DAKOTA-----	-	-	-	7	7	7	4	11	-	2.47	2.47	1.41	3.89	-	148	148	199	329,293	32	-			
TENNESSEE-----	-	-	-	8	8	8	2	10	-	4.86	4.86	1.21	6.07	-	126	126	2,040	4,480,337	240	-			
TEXAS-----	-	1	-	27	28	28	15	43	-	1.25	1.25	.67	1.92	-	83	83	1,051	1,448,727	207	-			
UTAH-----	-	-	-	9	9	9	13	22	-	1.24	1.24	1.79	3.04	-	66	66	199	206,428	85	-			
VERMONT-----	-	-	-	-	-	-	1	1	-	-	-	.97	.97	-	-	-	219	436,215	35	-			
VI RGI NI A-----	-	-	-	2	2	2	1	3	-	.92	.92	.46	1.38	-	37	37	912	1,351,659	193	-			
WASHI NGTON-----	-	1	-	14	15	15	13	28	-	2.22	2.22	1.92	4.14	-	835	835	2	2	1,072	1,072	1	-	
WEST VI RGI NI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	904	1,141,233	366	-			
WI SCONSIN-----	-	-	-	9	9	9	4	13	-	1.58	1.58	.70	2.28	-	38	38	479	616,398	133	-			
WYOMI NG-----	-	-	-	3	3	3	3	6	-	.97	.97	.97	1.95	-	6	6	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	5	328	333	333	167	500	-	1.73	1.73	.87	2.60	-	123	123	25,448	38,405,223	5,996	-			

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010 (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																			
DREDGE:	-	-	-	2	2	2	1	3	-	3.11	3.11	1.55	4.66	-	34	34	73	128,820	18	-		
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,244	1	-		
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	973	2	-		
ARI ZONA-----	-	-	-	-	-	-	1	1	-	-	-	1.09	1.09	-	-	-	95	184,042	11	-		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	125,242	3	-		
CALI FORNI A-----	-	-	-	4	4	4	-	4	-	6.39	6.39	-	6.39	-	169	169	25	75,278	4	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	53,044	5	-		
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	244	463,891	34	-		
FLORI DA-----	-	-	-	5	5	5	1	6	-	2.16	2.16	.43	2.59	-	163	163	124	220,175	28	-		
GEORGI A-----	-	-	-	-	-	-	1	1	-	-	-	.91	.91	-	-	-	3	988	1	-		
I DAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	254,549	31	-		
I LLI NOI S-----	-	-	1	1	2	2	-	2	-	1.57	1.57	-	1.57	-	41	41	131	396,364	32	-		
I NDI ANA-----	-	-	-	7	7	7	3	10	-	3.53	3.53	1.51	5.05	-	131	131	422	168,778	28	-		
I OWA-----	-	-	-	2	2	2	2	4	-	2.37	2.37	2.37	4.74	-	422	422	180	353,209	57	-		
KANSAS-----	-	-	-	6	6	6	3	9	-	3.40	3.40	1.70	5.10	-	180	180	200	116,316	11	-		
KENTUCKY-----	-	-	1	2	3	3	1	4	-	5.16	5.16	1.72	6.88	-	681	681	11	909,481	75	-		
LOUI SI ANA-----	-	-	-	3	3	3	2	5	-	.66	.66	.44	1.10	-	11	11	24	47,731	3	-		
MARYLAND-----	-	-	-	3	3	3	-	3	-	12.57	12.57	-	12.57	-	293	293	1	311	1	-		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	116,654	9	-		
MI CHI GAN-----	-	-	-	1	1	1	-	1	-	1.71	1.71	-	1.71	-	86	86	20	26,484	6	-		
MI NNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89	151,389	19	-		
MI SSI SSI PPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	337,545	32	-		
MI SSOURI-----	-	-	-	2	2	2	3	5	-	1.19	1.19	1.78	2.96	-	41	41	13	404,657,399	121	-		
NEBRASKA-----	-	-	-	3	3	3	2	5	-	.91	.91	.61	1.52	-	13	13	185	386,666	19	-		
NEW JERSEY-----	-	-	-	8	8	8	2	10	-	4.14	4.14	1.03	5.17	-	141	141	58	119,610	8	-		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	630	77,462	16	-		
NORTH CAROLI NA-----	-	-	-	1	1	1	-	1	-	2.58	2.58	-	2.58	-	49	49	297	570,903	42	-		
OHI O-----	-	-	-	9	9	9	7	16	-	3.15	3.15	2.45	5.61	-	45	45	220	449,794	40	-		
OKLAHOMA-----	1	-	-	7	7	8	2	10	.44	3.11	3.56	.89	4.45	2,668	45	2,713	11	1,884	1	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	116	176,488	11	-		
PENNSYLVANI A-----	-	-	-	3	3	3	1	4	-	3.40	3.40	1.13	4.53	-	80	80	8	3,768	2	-		
PUERTO RI CO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	62,876	15	-		
SOUTH CAROLI NA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3,197	2	-		
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	114	160,250	13	-		
TENNESSEE-----	-	-	-	3	3	3	-	3	-	3.74	3.74	-	3.74	-	114	114	77	788,969	35	-		
TEXAS-----	-	-	-	4	4	4	3	7	-	1.01	1.01	.76	1.77	-	34	34	11	16,515	5	-		
VI RGI NI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	33,511	6	-		
WASHI NGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	20,188	1	-		
WEST VI RGI NI A-----	-	-	-	1	1	1	-	1	-	9.91	9.91	-	9.91	-	149	149	14	20,208	7	-		
WI SCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3,273	1	-		
WYOMI NG-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	1	-	2	77	79	80	35	115	.03	2.05	2.08	.91	2.99	156	84	240	4,097	7,691,469	756	-		

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010 (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																			
TOTAL OR AVERAGE, MINING:	-	-	-	5	5	5	1	6	-	1.18	1.18	.24	1.41	-	16	16	423	849,495	75	-		
ALABAMA-----	-	-	-	5	5	5	1	6	-	1.18	1.18	.24	1.41	-	16	16	423	849,495	75	-		
ALASKA-----	-	-	-	-	-	-	1	1	-	-	-	.67	2.67	-	-	-	374	297,878	82	-		
ARI ZONA-----	-	-	1	13	14	14	6	20	-	1.49	1.49	.64	2.13	-	28	28	1,287	1,881,498	234	-		
ARKANSAS-----	-	-	-	13	13	13	3	16	-	2.79	2.79	.64	3.43	-	76	76	474	933,127	60	-		
CALI FORNI A-----	-	1	-	62	63	63	20	83	-	2.82	2.82	.90	3.72	-	127	127	2,577	4,467,295	349	-		
COLORADO-----	-	-	-	8	8	8	2	10	-	1.09	1.09	.27	1.36	-	88	88	1,039	1,473,558	262	-		
CONNECTI CUT-----	-	-	-	3	3	3	-	3	-	2.02	2.02	-	2.02	-	8	8	214	297,607	63	-		
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	70,975	8	-		
FLORI DA-----	-	-	-	6	6	6	1	7	-	1.96	1.96	.33	2.28	-	223	223	326	612,955	57	-		
GEORGI A-----	-	-	-	3	3	3	2	5	-	1.12	1.12	.75	1.87	-	44	44	290	533,906	42	-		
HAWAI I-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	61,567	32	-		
I DAHO-----	-	-	-	7	7	7	2	9	-	2.05	2.05	.58	2.63	-	108	108	597	683,845	163	-		
ILLI NOI S-----	-	-	1	7	8	8	4	12	-	1.97	1.97	.99	2.96	-	49	49	461	811,855	111	-		
INDI ANA-----	-	-	-	13	13	13	4	17	-	2.55	2.55	.79	3.34	-	104	104	550	1,018,227	132	-		
I OWA-----	-	-	-	3	3	3	2	5	-	.79	.79	.53	1.32	-	108	108	546	757,658	152	-		
KANSAS-----	-	-	-	6	6	6	3	9	-	2.47	2.47	1.23	3.70	-	131	131	315	486,088	95	-		
KENTUCKY-----	-	1	-	5	6	6	3	9	-	5.34	5.34	2.67	8.00	-	405	405	142	224,923	24	-		
LOUI SI ANA-----	-	-	-	7	7	7	3	10	-	1.17	1.17	.50	1.68	-	50	50	596	1,193,637	111	-		
MAI NE-----	-	-	-	3	3	3	1	4	-	1.21	1.21	.40	1.61	-	126	126	403	496,106	158	-		
MARYLAND-----	-	-	-	10	10	10	1	11	-	4.68	4.68	.47	5.14	-	167	167	223	427,662	23	-		
MASSACHUSETTS-----	-	-	-	5	5	5	1	6	-	2.56	2.56	.51	3.08	-	151	151	298	390,046	91	-		
MI CHI GAN-----	-	-	-	10	10	10	4	14	-	1.36	1.36	.54	1.90	-	39	39	1,193	1,473,798	377	-		
MI NNESOTA-----	-	1	-	6	7	7	6	13	-	1.09	1.09	.94	2.03	-	743	743	1,172	1,281,067	465	-		
MI SSI SSI PPI-----	-	-	-	8	8	8	2	10	-	1.85	1.85	.46	2.31	-	25	25	502	866,789	81	-		
MI SSOURI-----	-	-	-	8	8	8	7	15	-	2.20	2.20	1.93	4.13	-	34	34	436	726,412	90	-		
MONTANA-----	-	-	-	2	2	2	3	5	-	.86	.86	1.29	2.15	-	3	3	559	465,929	198	-		
NEBRASKA-----	-	-	-	8	8	8	6	14	-	1.82	1.82	1.36	3.18	-	38	38	542	880,644	150	-		
NEVADA-----	-	-	-	5	5	5	2	7	-	1.39	1.39	.56	1.95	-	35	35	535	718,277	114	-		
NEW HAMPSHI RE-----	-	-	-	3	3	3	-	3	-	1.48	1.48	-	1.48	-	36	36	313	405,530	91	-		
NEW JERSEY-----	-	-	-	16	16	16	7	23	-	3.95	3.95	1.73	5.67	-	105	105	413	811,072	61	-		
NEW MEXI CO-----	-	-	-	6	6	6	2	8	-	1.60	1.60	.53	2.14	-	85	85	526	747,844	113	-		
NEW YORK-----	-	-	-	7	7	7	8	15	-	.80	.80	.92	1.72	-	40	40	1,232	1,745,420	397	-		
NORTH CAROLI NA-----	-	-	-	8	8	8	7	15	-	1.66	1.66	1.45	3.11	-	67	67	586	965,422	92	-		
NORTH DAKOTA-----	-	-	-	5	5	5	2	7	-	1.63	1.63	.65	2.28	-	86	86	473	614,375	134	-		
OHI O-----	-	-	-	16	16	16	12	28	-	1.91	1.91	1.43	3.34	-	56	56	950	1,674,222	191	-		
OKLAHOMA-----	1	-	-	11	11	12	5	17	.27	2.95	3.22	1.34	4.56	1,611	93	1,704	388	744,819	75	-		
OREGON-----	-	-	-	4	4	4	2	6	-	1.29	1.29	.65	1.94	-	30	30	447	619,844	96	-		
PENNSYLVANI A-----	-	-	-	9	9	9	5	14	-	1.94	1.94	1.08	3.02	-	50	50	543	928,143	103	-		
PUERTO RI CO-----	-	-	-	4	4	4	-	4	-	2.91	2.91	-	2.91	-	286	286	191	274,609	33	-		
RHODE I SLAND-----	-	-	-	1	1	1	1	2	-	1.32	1.32	1.32	2.63	-	5	5	86	151,946	18	-		
SOUTH CAROLI NA-----	-	-	-	2	2	2	2	4	-	.98	.98	.98	1.97	-	122	122	250	406,989	46	-		
SOUTH DAKOTA-----	-	-	-	7	7	7	4	11	-	2.46	2.46	1.41	3.86	-	148	148	442	569,357	143	-		
TENNESSEE-----	-	-	-	11	11	11	2	13	-	4.49	4.49	.82	5.31	-	122	122	276	489,543	45	-		
TEXAS-----	-	1	-	31	32	32	18	50	-	1.21	1.21	.68	1.90	-	76	76	2,410	5,269,306	275	-		
UTAH-----	-	-	-	9	9	9	13	22	-	1.24	1.24	1.79	3.04	-	66	66	1,051	1,448,727	207	-		
VERMONT-----	-	-	-	-	-	-	1	1	-	-	-	.97	.97	-	-	-	199	206,428	85	-		
VI RGI NI A-----	-	-	-	2	2	2	1	3	-	.88	.88	.44	1.33	-	35	35	230	452,730	40	-		
WASHI NGTON-----	-	1	-	14	15	15	13	28	-	2.17	2.17	1.88	4.04	-	814	814	931	1,385,170	199	-		
WEST VI RGI NI A-----	-	-	-	1	1	1	-	1	-	9.41	9.41	-	9.41	-	141	141	13	21,260	2	-		
WI SCONSIN-----	-	-	-	9	9	9	4	13	-	1.55	1.55	.69	2.24	-	38	38	918	1,161,441	373	-		
WYOMI NG-----	-	-	-	3	3	3	3	6	-	.97	.97	.97	1.94	-	6	6	484	619,671	134	-		
TOTAL OR AVERAGE-----	1	-	7	405	412	413	202	615	(*)	1.79	1.79	.88	2.67	26	116	142	29,545	46,096,692	6,752	-		

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010 (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:-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	128,007	-	49		
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	41,982	2	25		
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	271	352,595	3	137		
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90	147,041	1	48		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	574	876,030	1	224		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	185	188,407	2	136		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	80,640	2	47		
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	24,672	-	8		
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	111,886	-	35		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	47,938	-	21		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	12,497	1	20		
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	46,974	2	63		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	124	184,791	-	70		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140	224,126	1	100		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	178	153,369	7	119		
IOWA-----	-	-	1	1	1	-	1	-	1.30	1.30	-	1.30	-	-	63	63	59	91,371	-	44		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	55,547	2	12		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154	209,979	1	91		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	141	54,533	4	112		
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	89,412	1	22		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	89,449	-	61		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	343	276,393	17	249		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	336	85,836	23	280		
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	97	136,510	-	55		
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	102	140,611	-	55		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	123	33,663	5	96		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	76,084	4	62		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	62,437	-	49		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93	95,601	2	70		
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	135	239,527	-	50		
NEW JERSEY-----	-	-	1	1	1	-	1	-	.83	.83	-	.83	-	-	8	8	105	56,425	5	77		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	291	339,200	1	204		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	105	133,575	2	58		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	13,518	-	40		
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	261	422,653	1	152		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	97	154,319	-	56		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93	83,272	1	49		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	114	181,097	-	75		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	66,624	-	27		
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	32,987	-	14		
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	96,954	1	39		
SOUTH CAROLINA-----	-	-	1	1	1	-	1	-	2.06	2.06	-	2.06	-	-	74	74	52	34,567	2	43		
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	112,971	-	38		
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	421	693,078	3	214		
TEXAS-----	-	-	1	1	1	-	1	-	.29	.29	-	.29	-	-	22	22	74	63,323	-	57		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	33,309	1	29		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	74,721	1	32		
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	236	258,247	-	139		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6,973	-	1		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	273	164,345	11	209		
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	32,221	1	36		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL OR AVERAGE-----	-	-	-	4	4	4	-	4	-	.11	.11	-	.11	-	5	5	6,448	7,412,287	111	3,999		

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010 (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	
		TOTAL	PARTIAL																		FATAL	NFDL
GRAND TOTAL OR AVERAGE:-----	-	-	-	5	5	5	1	6	-	1.02	1.02	.20	1.23	-	14	14	497	977,502	75	49		
ALABAMA-----	-	-	-	-	-	-	1	1	-	-	-	.59	.59	-	-	-	417	339,860	84	25		
ALASKA-----	-	-	-	-	-	-	1	1	-	-	-	.59	.59	-	-	-	417	339,860	84	25		
ARI ZONA-----	-	-	1	13	14	14	6	20	-	1.25	1.25	.54	1.79	-	24	24	1,558	2,234,093	237	137		
ARKANSAS-----	-	-	-	13	13	13	3	16	-	2.41	2.41	.56	2.96	-	66	66	564	1,080,168	61	48		
CALI FORNI A-----	-	-	1	62	63	63	20	83	-	2.36	2.36	.75	3.11	-	106	106	3,151	5,343,325	350	224		
COLORADO-----	-	-	-	8	8	8	2	10	-	.96	.96	.24	1.20	-	78	78	1,224	1,661,965	264	136		
CONNECTI CUT-----	-	-	-	3	3	3	-	3	-	1.59	1.59	-	1.59	-	6	6	292	378,247	65	47		
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	95,647	8	8		
FLORI DA-----	-	-	-	6	6	6	1	7	-	1.66	1.66	.28	1.93	-	188	188	397	724,841	57	35		
GEORGI A-----	-	-	-	3	3	3	2	5	-	1.03	1.03	.69	1.72	-	41	41	324	581,844	42	21		
HAWAI I-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	103	74,064	33	20		
I DAHO-----	-	-	-	7	7	7	2	9	-	1.92	1.92	.55	2.46	-	101	101	679	730,819	165	63		
ILLI NOI S-----	-	-	1	7	8	8	4	12	-	1.61	1.61	.80	2.41	-	40	40	585	996,646	111	70		
INDI ANA-----	-	-	-	13	13	13	4	17	-	2.09	2.09	.64	2.74	-	85	85	690	1,242,353	133	100		
IOWA-----	-	-	-	4	4	4	2	6	-	.88	.88	.44	1.32	-	100	100	724	911,027	159	119		
KANSAS-----	-	-	-	6	6	6	3	9	-	2.08	2.08	1.04	3.12	-	110	110	374	577,459	95	44		
KENTUCKY-----	-	-	1	5	6	6	3	9	-	4.28	4.28	2.14	6.42	-	324	324	176	280,470	26	12		
LOUI SI ANA-----	-	-	-	7	7	7	3	10	-	1.00	1.00	.43	1.42	-	43	43	750	1,403,616	112	91		
MAI NE-----	-	-	-	3	3	3	1	4	-	1.09	1.09	.36	1.45	-	113	113	544	550,639	162	112		
MARYLAND-----	-	-	-	10	10	10	1	11	-	3.87	3.87	.39	4.25	-	138	138	267	517,074	24	22		
MASSACHUSETTS-----	-	-	-	5	5	5	1	6	-	2.09	2.09	.42	2.50	-	123	123	382	479,495	91	61		
MI CHI GAN-----	-	-	-	10	10	10	4	14	-	1.14	1.14	.46	1.60	-	33	33	1,536	1,750,191	394	249		
MI NNESOTA-----	-	-	1	6	7	7	6	13	-	1.02	1.02	.88	1.90	-	696	696	1,508	1,366,903	488	280		
MI SSI SSI PPI-----	-	-	-	8	8	8	2	10	-	1.59	1.59	.40	1.99	-	21	21	599	1,003,299	81	55		
MI SSOURI-----	-	-	-	8	8	8	7	15	-	1.85	1.85	1.61	3.46	-	29	29	538	867,023	90	55		
MONTANA-----	-	-	-	2	2	2	3	5	-	.80	.80	1.20	2.00	-	3	3	682	499,592	203	96		
NEBRASKA-----	-	-	-	8	8	8	6	14	-	1.67	1.67	1.25	2.93	-	35	35	662	956,728	154	62		
NEVADA-----	-	-	-	5	5	5	2	7	-	1.28	1.28	.51	1.79	-	32	32	609	780,714	114	49		
NEW HAMPSHI RE-----	-	-	-	3	3	3	-	3	-	1.20	1.20	-	1.20	-	29	29	406	501,131	93	70		
NEW JERSEY-----	-	-	-	17	17	17	7	24	-	3.24	3.24	1.33	4.57	-	83	83	548	1,050,599	61	50		
NEW MEXI CO-----	-	-	-	6	6	6	2	8	-	1.49	1.49	.50	1.99	-	79	79	631	804,269	118	77		
NEW YORK-----	-	-	-	7	7	7	8	15	-	.67	.67	.77	1.44	-	33	33	1,523	2,084,620	398	204		
NORTH CAROLI NA-----	-	-	-	8	8	8	7	15	-	1.46	1.46	1.27	2.73	-	59	59	691	1,098,997	94	58		
NORTH DAKOTA-----	-	-	-	5	5	5	2	7	-	1.59	1.59	.64	2.23	-	84	84	523	627,893	134	40		
OHI O-----	-	-	-	16	16	16	12	28	-	1.53	1.53	1.14	2.67	-	45	45	1,211	2,096,875	192	152		
OKLAHOMA-----	1	-	-	11	11	12	5	17	.22	2.45	2.67	1.11	3.78	1,335	45	45	1,412	899,138	75	56		
OREGON-----	-	-	-	4	4	4	2	6	-	1.14	1.14	.57	1.71	-	27	27	540	703,116	97	49		
PENNSYLVANI A-----	-	-	-	9	9	9	5	14	-	1.62	1.62	.90	2.52	-	42	42	657	1,109,240	103	75		
PUERTO RI CO-----	-	-	-	4	4	4	-	4	-	2.34	2.34	-	2.34	-	230	230	236	341,233	33	27		
RHODE I SLAND-----	-	-	-	1	1	1	1	2	-	1.08	1.08	1.08	2.16	-	4	4	110	184,933	18	14		
SOUTH CAROLI NA-----	-	-	-	3	3	3	2	5	-	1.19	1.19	.79	1.98	-	113	113	320	503,943	47	39		
SOUTH DAKOTA-----	-	-	-	7	7	7	4	11	-	2.32	2.32	1.32	3.64	-	139	139	494	603,924	145	43		
TENNESSEE-----	-	-	-	11	11	11	2	13	-	3.65	3.65	.66	4.32	-	99	99	349	602,514	45	38		
TEXAS-----	-	-	1	32	33	33	18	51	-	1.11	1.11	.60	1.71	-	70	70	2,831	5,962,384	278	214		
UTAH-----	-	-	-	9	9	9	13	22	-	1.19	1.19	1.72	2.91	-	63	63	1,125	1,512,050	207	57		
VERMONT-----	-	-	-	-	-	-	1	1	-	-	-	.83	.83	-	-	-	236	239,737	86	29		
VIRGI NI A-----	-	-	-	2	2	2	1	3	-	.76	.76	.38	1.14	-	30	30	281	527,451	41	32		
WASHI NGTON-----	-	-	1	14	15	15	13	28	-	1.83	1.83	1.58	3.41	-	686	686	1,167	1,643,417	199	139		
WEST VIRGI NI A-----	-	-	-	1	1	1	-	1	-	7.08	7.08	-	7.08	-	106	106	17	28,233	2	1		
WI SCONSIN-----	-	-	-	9	9	9	4	13	-	1.36	1.36	.60	1.96	-	33	33	1,191	1,325,786	384	209		
WYOMI NG-----	-	-	-	3	3	3	3	6	-	.92	.92	.92	1.84	-	6	6	535	651,892	135	36		
TOTAL OR AVERAGE-----	1	-	7	409	416	417	202	619	(*)	1.55	1.56	.76	2.31	-	22	101	123	35,993	53,508,979	6,863	3,999	



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, 2010

WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS					AVERAGE SEVERITY				
	FATAL	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-----	-	-	-	3	3	3	-	3	-	-	48	48	48	-	16	16	-
ALASKA-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	1	13	14	14	6	20	-	-	100	166	266	100	13	19	-
ARKANSAS-----	-	-	-	13	13	13	-	15	-	-	356	356	356	-	27	27	-
CALIFORNIA-----	-	-	1	58	59	59	20	79	-	-	50	2,681	2,731	50	46	46	-
COLORADO-----	-	-	-	8	8	8	2	10	-	-	-	646	646	-	81	81	-
CONNECTICUT-----	-	-	-	3	3	3	-	3	-	-	-	12	12	-	4	4	-
FLORIDA-----	-	-	-	1	1	1	-	1	-	-	304	304	304	-	304	304	-
GEORGIA-----	-	-	-	3	3	3	1	4	-	-	-	118	118	-	39	39	-
IDAHO-----	-	-	-	7	7	7	2	9	-	-	-	370	370	-	53	53	-
ILLINOIS-----	-	-	-	6	6	6	4	10	-	-	-	148	148	-	25	25	-
INDIANA-----	-	-	-	6	6	6	1	7	-	-	-	272	272	-	45	45	-
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	53	53	-	53	53	-
KENTUCKY-----	-	-	-	3	3	3	2	5	-	-	-	59	59	-	20	20	-
LOUISIANA-----	-	-	-	4	4	4	1	5	-	-	-	249	249	-	62	62	-
MAINE-----	-	-	-	3	3	3	1	4	-	-	-	312	312	-	104	104	-
MARYLAND-----	-	-	-	7	7	7	1	8	-	-	-	288	288	-	41	41	-
MASSACHUSETTS-----	-	-	-	5	5	5	1	6	-	-	-	294	294	-	59	59	-
MICHIGAN-----	-	-	-	9	9	9	4	13	-	-	-	240	240	-	27	27	-
MINNESOTA-----	-	-	1	6	7	7	6	13	-	-	4,500	260	4,760	4,500	43	680	-
MISSISSIPPI-----	-	-	-	8	8	8	2	10	-	-	-	107	107	-	13	13	-
MISSOURI-----	-	-	-	6	6	6	4	10	-	-	-	55	55	-	9	9	-
MONTANA-----	-	-	-	2	2	2	3	5	-	-	-	7	7	-	4	4	-
NEBRASKA-----	-	-	-	5	5	5	4	9	-	-	-	126	126	-	25	25	-
NEVADA-----	-	-	-	5	5	5	2	7	-	-	-	125	125	-	25	25	-
NEW HAMPSHIRE-----	-	-	-	3	3	3	-	3	-	-	-	73	73	-	24	24	-
NEW JERSEY-----	-	-	-	8	8	8	5	13	-	-	-	154	154	-	19	19	-
NEW MEXICO-----	-	-	-	6	6	6	2	8	-	-	-	319	319	-	53	53	-
NEW YORK-----	-	-	-	7	7	7	8	15	-	-	-	347	347	-	50	50	-
NORTH CAROLINA-----	-	-	-	7	7	7	7	14	-	-	-	79	79	-	11	11	-
NORTH DAKOTA-----	-	-	-	5	5	5	2	7	-	-	-	265	265	-	53	53	-
OHIO-----	-	-	-	7	7	7	5	12	-	-	-	329	329	-	47	47	-
OKLAHOMA-----	-	-	-	4	4	4	3	7	-	-	-	246	246	-	62	62	-
OREGON-----	-	-	-	4	4	4	2	6	-	-	-	94	94	-	24	24	-
PENNSYLVANIA-----	-	-	-	6	6	6	4	10	-	-	-	162	162	-	27	27	-
Puerto Rico-----	-	-	-	4	4	4	-	4	-	-	-	393	393	-	98	98	-
RHODE ISLAND-----	-	-	-	1	1	1	1	2	-	-	-	4	4	-	4	4	-
SOUTH CAROLINA-----	-	-	-	2	2	2	2	4	-	-	-	249	249	-	124	124	-
SOUTH DAKOTA-----	-	-	-	7	7	7	4	11	-	-	-	420	420	-	60	60	-
TENNESSEE-----	-	-	-	8	8	8	2	10	-	-	-	208	208	-	26	26	-
TEXAS-----	-	-	1	27	28	28	15	43	-	-	50	1,813	1,863	50	67	67	-
UTAH-----	-	-	-	9	9	9	13	22	-	-	-	478	478	-	53	53	-
VERMONT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	2	2	2	-	3	-	-	-	80	80	-	40	40	-
WASHINGTON-----	-	-	1	14	15	15	13	28	-	-	4,500	1,140	5,640	4,500	81	376	-
WISCONSIN-----	-	-	-	9	9	9	4	13	-	-	-	219	219	-	24	24	-
WYOMING-----	-	-	-	3	3	3	3	6	-	-	-	20	20	-	7	7	-
TOTAL OR AVERAGE-----	-	-	5	328	333	333	167	500	-	-	9,200	14,388	23,588	1,840	44	71	-

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, 2010 (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-----	-	-	-	2	2	2	1	3	-	-	-	22	22	22	-	11	11
ARKANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CALIFORNIA-----	-	-	-	4	4	4	-	4	-	-	-	106	106	106	-	26	26
FLORIDA-----	-	-	-	5	5	5	1	6	-	-	-	379	379	379	-	76	76
GEORGIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ILLINOIS-----	-	-	1	1	2	2	-	2	-	-	50	2	52	52	50	2	26
INDIANA-----	-	-	-	7	7	7	3	10	-	-	-	259	259	259	-	37	37
IOWA-----	-	-	-	2	2	2	2	4	-	-	-	356	356	356	-	178	178
KANSAS-----	-	-	-	6	6	6	3	9	-	-	-	318	318	318	-	53	53
KENTUCKY-----	-	-	1	2	3	3	1	4	-	-	100	296	396	396	100	148	132
LOUISIANA-----	-	-	-	3	3	3	2	5	-	-	-	51	51	51	-	17	17
MARYLAND-----	-	-	-	3	3	3	-	3	-	-	-	70	70	70	-	23	23
MICHIGAN-----	-	-	-	1	1	1	-	1	-	-	-	50	50	50	-	50	50
MISSOURI-----	-	-	-	2	2	2	3	5	-	-	-	69	69	69	-	34	34
NEBRASKA-----	-	-	-	3	3	3	2	5	-	-	-	42	42	42	-	14	14
NEW JERSEY-----	-	-	-	8	8	8	2	10	-	-	-	273	273	273	-	34	34
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	-	244	244	244	-	244	244
OHIO-----	-	-	-	9	9	9	7	16	-	-	-	140	140	140	-	16	16
OKLAHOMA-----	1	-	-	7	7	8	2	10	6,000	-	-	101	101	6,101	-	14	763
PENNSYLVANIA-----	-	-	-	3	3	3	1	4	-	-	-	71	71	71	-	24	24
TENNESSEE-----	-	-	-	3	3	3	-	3	-	-	-	91	91	91	-	30	30
TEXAS-----	-	-	-	4	4	4	3	7	-	-	-	136	136	136	-	34	34
WEST VIRGINIA-----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
TOTAL OR AVERAGE-----	1	-	2	77	79	80	35	115	6,000	-	150	3,091	3,241	9,241	75	40	116

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, 2010 (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-----	-	-	-	5	5	5	1	6	-	-	-	70	70	-	14	14	
ALASKA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
ARIZONA-----	-	-	1	13	14	14	6	20	-	-	100	166	266	100	13	19	
ARKANSAS-----	-	-	-	13	13	13	3	16	-	-	-	356	356	-	27	27	
CALIFORNIA-----	-	-	1	62	63	63	20	83	-	-	50	2,787	2,837	50	45	45	
COLORADO-----	-	-	-	8	8	8	2	10	-	-	-	646	646	-	81	81	
CONNECTICUT-----	-	-	-	3	3	3	-	3	-	-	-	12	12	-	4	4	
FLORIDA-----	-	-	-	6	6	6	1	7	-	-	-	683	683	-	114	114	
GEORGIA-----	-	-	-	3	3	3	2	5	-	-	-	118	118	-	39	39	
IDAHO-----	-	-	-	7	7	7	2	9	-	-	-	370	370	-	53	53	
ILLINOIS-----	-	-	1	7	8	8	4	12	-	-	50	150	200	50	21	25	
INDIANA-----	-	-	-	13	13	13	4	17	-	-	-	531	531	-	41	41	
IOWA-----	-	-	-	3	3	3	2	5	-	-	-	409	409	-	136	136	
KANSAS-----	-	-	-	6	6	6	3	9	-	-	-	318	318	-	53	53	
KENTUCKY-----	-	-	1	5	6	6	3	9	-	-	100	355	455	100	71	76	
LOUISIANA-----	-	-	-	7	7	7	3	10	-	-	-	300	300	-	43	43	
MAINE-----	-	-	-	3	3	3	1	4	-	-	-	312	312	-	104	104	
MARYLAND-----	-	-	-	10	10	10	1	11	-	-	-	358	358	-	36	36	
MASSACHUSETTS-----	-	-	-	5	5	5	1	6	-	-	-	294	294	-	59	59	
MICHIGAN-----	-	-	-	10	10	10	4	14	-	-	-	290	290	-	29	29	
MINNESOTA-----	-	-	1	6	7	7	7	13	-	-	4,500	260	4,760	4,500	43	680	
MISSISSIPPI-----	-	-	-	8	8	8	2	10	-	-	-	107	107	-	13	13	
MISSOURI-----	-	-	-	8	8	8	7	15	-	-	-	124	124	-	16	16	
MONTANA-----	-	-	-	2	2	2	3	5	-	-	-	7	7	-	4	4	
NEBRASKA-----	-	-	-	8	8	8	6	14	-	-	-	168	168	-	21	21	
NEVADA-----	-	-	-	5	5	5	2	7	-	-	-	125	125	-	25	25	
NEW HAMPSHIRE-----	-	-	-	3	3	3	-	3	-	-	-	73	73	-	24	24	
NEW JERSEY-----	-	-	-	16	16	16	7	23	-	-	-	427	427	-	27	27	
NEW MEXICO-----	-	-	-	6	6	6	2	8	-	-	-	319	319	-	53	53	
NEW YORK-----	-	-	-	7	7	7	8	15	-	-	-	347	347	-	50	50	
NORTH CAROLINA-----	-	-	-	8	8	8	7	15	-	-	-	323	323	-	40	40	
NORTH DAKOTA-----	-	-	-	5	5	5	2	7	-	-	-	265	265	-	53	53	
OHIO-----	-	-	-	16	16	16	12	28	-	-	-	469	469	-	29	29	
OKLAHOMA-----	1	-	-	11	11	12	5	17	6,000	-	-	347	347	6,347	32	529	
OREGON-----	-	-	-	4	4	4	2	6	-	-	-	94	94	-	24	24	
PENNSYLVANIA-----	-	-	-	9	9	9	5	14	-	-	-	233	233	-	26	26	
PUERTO RICO-----	-	-	-	4	4	4	4	4	-	-	-	393	393	-	98	98	
RHODE ISLAND-----	-	-	-	1	1	1	1	2	-	-	-	4	4	-	4	4	
SOUTH CAROLINA-----	-	-	-	2	2	2	2	4	-	-	-	249	249	-	124	124	
SOUTH DAKOTA-----	-	-	-	7	7	7	4	11	-	-	-	420	420	-	60	60	
TENNESSEE-----	-	-	-	11	11	11	2	13	-	-	-	299	299	-	27	27	
TEXAS-----	-	-	1	31	32	32	18	50	-	-	50	1,949	1,999	50	63	62	
UTAH-----	-	-	-	9	9	9	13	22	-	-	-	478	478	-	53	53	
VERMONT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
VIRGINIA-----	-	-	-	2	2	2	1	3	-	-	-	80	80	-	40	40	
WASHINGTON-----	-	-	1	14	15	15	13	28	-	-	4,500	1,140	5,640	4,500	81	376	
WEST VIRGINIA-----	-	-	-	1	1	1	-	1	-	-	-	15	15	-	15	15	
WISCONSIN-----	-	-	-	9	9	9	4	13	-	-	-	219	219	-	24	24	
WYOMING-----	-	-	-	3	3	3	3	6	-	-	-	20	20	-	7	7	
TOTAL OR AVERAGE-----	1	-	7	405	412	413	202	615	6,000	-	9,350	17,479	26,829	32,829	1,336	43	79

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, 2010 (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:																	
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
SOUTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	-	36	36	36	-	36	36
TEXAS-----	-	-	-	1	1	1	-	1	-	-	-	75	75	75	-	75	75
TOTAL OR AVERAGE-----	-	-	-	4	4	4	-	4	-	-	-	169	169	169	-	42	42

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, 2010 (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-----	-	-	-	5	5	5	1	6	-	-	70	70	70	-	14	14	
ALASKA-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
ARIZONA-----	-	-	1	13	14	14	6	20	-	-	100	166	266	100	13	19	
ARKANSAS-----	-	-	-	13	13	13	3	16	-	-	-	356	356	-	27	27	
CALIFORNIA-----	-	-	1	62	63	63	20	83	-	-	50	2,837	2,837	50	45	45	
COLORADO-----	-	-	-	8	8	8	2	10	-	-	-	646	646	-	81	81	
CONNECTICUT-----	-	-	-	3	3	3	-	3	-	-	-	12	12	-	4	4	
FLORIDA-----	-	-	-	6	6	6	1	7	-	-	-	683	683	-	114	114	
GEORGIA-----	-	-	-	3	3	3	2	5	-	-	-	118	118	-	39	39	
IDAHO-----	-	-	-	7	7	7	2	9	-	-	-	370	370	-	53	53	
ILLINOIS-----	-	-	1	7	8	8	4	12	-	-	50	150	200	50	21	25	
INDIANA-----	-	-	-	13	13	13	4	17	-	-	-	531	531	-	41	41	
IOWA-----	-	-	-	4	4	4	2	6	-	-	-	457	457	-	114	114	
KANSAS-----	-	-	-	6	6	6	3	9	-	-	-	318	318	-	53	53	
KENTUCKY-----	-	-	1	5	6	6	3	9	-	-	100	355	455	100	71	76	
LOUISIANA-----	-	-	-	7	7	7	3	10	-	-	-	300	300	-	43	43	
MAINE-----	-	-	-	3	3	3	1	4	-	-	-	312	312	-	104	104	
MARYLAND-----	-	-	-	10	10	10	1	11	-	-	-	358	358	-	36	36	
MASSACHUSETTS-----	-	-	-	5	5	5	1	6	-	-	-	294	294	-	59	59	
MICHIGAN-----	-	-	-	10	10	10	4	14	-	-	-	290	290	-	29	29	
MINNESOTA-----	-	-	1	6	7	7	6	13	-	-	4,500	260	4,760	4,500	43	680	
MISSISSIPPI-----	-	-	-	8	8	8	2	10	-	-	-	107	107	-	13	13	
MISSOURI-----	-	-	-	8	8	8	7	15	-	-	-	124	124	-	16	16	
MONTANA-----	-	-	-	2	2	2	3	5	-	-	-	7	7	-	4	4	
NEBRASKA-----	-	-	-	8	8	8	6	14	-	-	-	168	168	-	21	21	
NEVADA-----	-	-	-	5	5	5	2	7	-	-	-	125	125	-	25	25	
NEW HAMPSHIRE-----	-	-	-	3	3	3	-	3	-	-	-	73	73	-	24	24	
NEW JERSEY-----	-	-	-	17	17	17	7	24	-	-	-	437	437	-	26	26	
NEW MEXICO-----	-	-	-	6	6	6	2	8	-	-	-	319	319	-	53	53	
NEW YORK-----	-	-	-	7	7	7	8	15	-	-	-	347	347	-	50	50	
NORTH CAROLINA-----	-	-	-	8	8	8	7	15	-	-	-	323	323	-	40	40	
NORTH DAKOTA-----	-	-	-	5	5	5	2	7	-	-	-	265	265	-	53	53	
OHIO-----	-	-	-	16	16	16	12	28	-	-	-	469	469	-	29	29	
OKLAHOMA-----	1	-	-	11	11	12	5	17	6,000	-	-	347	347	-	32	529	
OREGON-----	-	-	-	4	4	4	2	6	-	-	-	94	94	-	24	24	
PENNSYLVANIA-----	-	-	-	9	9	9	5	14	-	-	-	233	233	-	26	26	
PUERTO RICO-----	-	-	-	4	4	4	4	4	-	-	-	393	393	-	98	98	
RHODE ISLAND-----	-	-	-	1	1	1	1	2	-	-	-	4	4	-	4	4	
SOUTH CAROLINA-----	-	-	-	3	3	3	2	5	-	-	-	285	285	-	95	95	
SOUTH DAKOTA-----	-	-	-	7	7	7	4	11	-	-	-	420	420	-	60	60	
TENNESSEE-----	-	-	-	11	11	11	2	13	-	-	-	299	299	-	27	27	
TEXAS-----	-	-	1	32	33	33	18	51	-	-	50	2,024	2,074	50	63	63	
UTAH-----	-	-	-	9	9	9	13	22	-	-	-	478	478	-	53	53	
VERMONT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
VIRGINIA-----	-	-	-	2	2	2	1	3	-	-	-	80	80	-	40	40	
WASHINGTON-----	-	-	1	14	15	15	13	28	-	-	4,500	1,140	5,640	4,500	81	376	
WEST VIRGINIA-----	-	-	-	1	1	1	-	1	-	-	-	15	15	-	15	15	
WISCONSIN-----	-	-	-	9	9	9	4	13	-	-	-	219	219	-	24	24	
WYOMING-----	-	-	-	3	3	3	3	6	-	-	-	20	20	-	7	7	
TOTAL OR AVERAGE-----	1	-	7	409	416	417	202	619	6,000	-	9,350	17,648	26,998	32,998	1,336	43	79

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, 2010

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-----	-	-	-	-	-	-	3	3	-	-	-	.02	.02	-	-	-	
EYE-----	-	-	-	8	8	8	21	29	-	-	.04	.11	.15	-	-	-	
MOUTH/TEETH/TONGUE-----	-	-	-	4	4	4	2	6	-	-	.02	.02	.01	-	-	-	
SCALP-----	-	-	-	1	1	1	-	1	-	-	.01	.01	-	-	-	-	
FACE, NEC-----	-	-	-	1	1	1	4	5	-	-	.01	.02	.03	-	-	-	
HEAD, NEC-----	-	-	-	11	11	11	9	20	-	-	.06	.05	.10	-	-	-	
NECK-----	-	-	-	4	4	4	3	7	-	-	.02	.02	.04	-	-	-	
UPPER ARM-----	-	-	-	3	3	3	1	4	-	-	.02	.02	.02	-	-	-	
ELBOW-----	-	-	-	9	9	9	2	11	-	-	.05	.05	.06	-	-	-	
FOREARM-----	-	-	-	3	3	3	7	10	-	-	.02	.02	.04	-	-	-	
WRIST-----	-	-	-	8	8	8	1	9	-	-	.04	.04	.05	-	-	-	
HAND-----	-	-	-	10	10	10	8	18	-	-	.05	.05	.09	-	-	-	
FINGER(S)-----	-	-	1	47	48	48	50	98	-	-	.25	.26	.51	-	-	-	
UPPER EXTREMITIES, NEC--	-	-	-	10	12	12	2	14	-	-	.06	.06	.07	-	-	-	
ABDOMEN-----	-	-	2	1	1	1	2	3	-	-	.01	.01	.02	-	-	-	
BACK-----	-	-	-	51	51	51	12	63	-	-	.27	.27	.33	-	-	-	
CHEST-----	-	-	-	8	8	8	2	10	-	-	.04	.04	.05	-	-	-	
PELVIC REGION-----	-	-	2	6	8	8	1	9	-	-	.04	.04	.05	-	-	-	
SHOULDER(S)-----	-	-	-	26	26	26	7	33	-	-	.14	.14	.17	-	-	-	
TRUNK, NEC-----	-	-	-	6	6	6	1	7	-	-	.03	.03	.04	-	-	-	
THIGH-----	-	-	-	5	5	5	5	10	-	-	.03	.03	.05	-	-	-	
KNEE-----	-	-	-	35	35	35	7	42	-	-	.18	.18	.22	-	-	-	
LOWER LEG-----	-	-	-	10	10	10	2	12	-	-	.05	.05	.06	-	-	-	
ANKLE-----	-	-	-	22	22	22	1	23	-	-	.11	.11	.12	-	-	-	
FOOT-----	-	-	-	9	9	9	4	13	-	-	.05	.05	.07	-	-	-	
TOE(S)-----	-	-	-	2	2	2	-	2	-	-	.01	.01	.01	-	-	-	
LOWER EXTREMITIES, NEC--	-	-	-	6	6	6	5	11	-	-	.03	.03	.06	-	-	-	
BODY SYSTEMS-----	-	-	-	3	3	3	4	7	-	-	.02	.02	.04	-	-	-	
MULTIPLE PARTS OF BODY--	-	-	-	18	18	18	1	19	-	-	.09	.09	.10	-	-	-	
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	-	.01	.01	.01	-	-	-	
TOTAL OR AVERAGE-----	-	-	5	328	333	333	167	500	-	-	1.73	1.73	.87	2.60	-	123	123

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, 2010 (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-----	-	-	-	3	3	3	4	7	-	.08	.08	.10	.18	-	(*)	(*)
JAW-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
FACE, NEC-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	-	-
HEAD, NEC-----	-	-	-	4	4	4	2	6	-	.10	.10	.05	.16	-	(*)	(*)
NECK-----	-	-	-	1	1	1	1	2	-	.03	.03	.03	.05	-	-	-
UPPER ARM-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	9	9
ELBOW-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
FOREARM-----	-	-	-	3	3	3	-	3	-	.08	.08	-	.08	-	3	3
WRIST-----	-	-	-	1	1	1	4	5	-	.03	.03	.10	.13	-	3	3
HAND-----	-	-	-	3	3	3	2	5	-	.08	.08	.05	.13	-	(*)	(*)
FINGER(S)-----	-	-	2	12	14	14	5	19	-	.36	.36	.13	.49	-	17	17
UPPER EXTREMITIES, NEC--	-	-	-	1	1	1	2	3	-	.03	.03	.05	.08	-	(*)	(*)
ABDOMEN-----	-	-	-	1	1	1	1	2	-	.03	.03	.03	.05	-	(*)	(*)
BACK-----	-	-	-	8	8	8	2	10	-	.21	.21	.05	.26	-	15	15
CHEST-----	-	-	-	2	2	2	1	3	-	.05	.05	.03	.08	-	1	1
PELVIC REGION-----	-	-	-	5	5	5	-	5	-	.13	.13	-	.13	-	2	2
SHOULDER(S)-----	-	-	-	4	4	4	-	4	-	.10	.10	-	.10	-	6	6
TRUNK, NEC-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
THIGH-----	-	-	-	1	1	1	3	4	-	.03	.03	.08	.10	-	(*)	(*)
KNEE-----	-	-	-	4	4	4	2	6	-	.10	.10	.05	.16	-	1	1
LOWER LEG-----	-	-	-	2	2	2	2	4	-	.05	.05	.05	.10	-	6	6
ANKLE-----	-	-	-	5	5	5	-	5	-	.13	.13	-	.13	-	10	10
FOOT-----	-	-	-	3	3	3	-	3	-	.08	.08	-	.08	-	3	3
LOWER EXTREMITIES, NEC--	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
BODY SYSTEMS-----	1	-	-	1	1	1	2	2	.03	.03	.05	-	.05	156	(*)	156
MULTIPLE PARTS OF BODY--	-	-	-	8	8	8	2	10	-	.21	.21	.05	.26	-	5	5
TOTAL OR AVERAGE-----	1	-	2	77	79	80	35	115	.03	2.05	2.08	.91	2.99	156	84	240

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, 2010 (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-----	-	-	-	-	-	3	3	-	-	-	.01	.01	-	-	-	-	
EYE-----	-	-	-	11	11	25	36	-	.05	.05	.11	.16	-	(*)	(*)	(*)	
JAW-----	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-	-	
MOUTH/TEETH/TONGUE-----	-	-	-	4	4	4	7	-	.02	.02	.01	.03	-	(*)	(*)	(*)	
SCALP-----	-	-	-	1	1	2	1	-	(*)	(*)	(*)	(*)	-	(*)	(*)	(*)	
FACE, NEC-----	-	-	-	2	2	4	6	-	.01	.01	.02	.03	-	(*)	(*)	(*)	
HEAD, NEC-----	-	-	-	15	15	11	26	-	.07	.07	.05	.11	-	(*)	(*)	(*)	
NECK-----	-	-	-	5	5	5	9	-	.02	.02	.02	.04	-	2	2	2	
UPPER ARM-----	-	-	-	4	4	4	5	-	.02	.02	(*)	.02	-	2	2	2	
ELBOW-----	-	-	-	10	10	10	12	-	.04	.04	.01	.05	-	2	2	2	
FOREARM-----	-	-	-	6	6	6	13	-	.03	.03	.03	.06	-	1	1	1	
WRIST-----	-	-	-	9	9	9	14	-	.04	.04	.02	.06	-	2	2	2	
HAND-----	-	-	-	13	13	13	23	-	.06	.06	.04	.10	-	1	1	1	
FINGER(S)-----	-	-	3	59	62	62	117	-	.27	.27	.24	.51	-	8	8	8	
UPPER EXTREMITIES, NEC-----	-	-	-	11	13	13	17	-	.06	.06	.02	.07	-	41	41	41	
ABDOMEN-----	-	-	-	2	2	2	3	-	.01	.01	.01	.02	-	(*)	(*)	(*)	
BACK-----	-	-	-	59	59	59	73	-	.26	.26	.06	.32	-	14	14	14	
CHEST-----	-	-	-	10	10	10	13	-	.04	.04	.01	.06	-	2	2	2	
PELVIC REGION-----	-	-	2	11	13	13	14	-	.06	.06	(*)	.06	-	2	2	2	
SHOULDER(S)-----	-	-	-	30	30	30	37	-	.13	.13	.03	.16	-	8	8	8	
TRUNK, NEC-----	-	-	-	7	7	7	8	-	.03	.03	(*)	.03	-	3	3	3	
THIGH-----	-	-	-	6	6	6	14	-	.03	.03	.03	.06	-	1	1	1	
KNEE-----	-	-	-	39	39	39	48	-	.17	.17	.04	.21	-	10	10	10	
LOWER LEG-----	-	-	-	12	12	12	16	-	.05	.05	.02	.07	-	2	2	2	
ANKLE-----	-	-	-	27	27	27	28	-	.12	.12	(*)	.12	-	5	5	5	
FOOT-----	-	-	-	12	12	12	16	-	.05	.05	.02	.07	-	2	2	2	
TOE(S)-----	-	-	-	2	2	2	2	-	.01	.01	-	.01	-	(*)	(*)	(*)	
LOWER EXTREMITIES, NEC-----	-	-	-	7	7	7	12	-	.03	.03	.02	.05	-	1	1	1	
BODY SYSTEMS-----	1	-	-	4	4	5	9	(*)	.02	.02	.02	.04	26	1	27	27	
MULTIPLE PARTS OF BODY-----	-	-	-	26	26	26	3	-	.11	.11	.01	.13	-	6	6	6	
UNCLASSIFIED-----	-	-	-	1	1	1	1	-	(*)	(*)	-	(*)	-	(*)	(*)	(*)	
TOTAL OR AVERAGE-----	1	-	7	405	412	413	202	615	(*)	1.79	1.79	.88	2.67	26	116	142	142
OFFICE:																	
WRIST-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)	(*)
FINGER(S)-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	1	1	1
BACK-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	1	1	1
LOWER LEG-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	2	2	2
TOTAL OR AVERAGE-----	-	-	-	4	4	4	-	4	-	.11	.11	-	.11	-	5	5	5



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, 2010 (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-----	-	-	-	-	-	3	3	-	-	-	.01	.01	-	-	-	-
EYE-----	-	-	-	11	11	25	36	-	.04	.04	.09	.13	-	(*)	(*)	(*)
JAW-----	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	4	4	4	7	-	.01	.01	.01	.03	-	(*)	(*)	(*)
SCALP-----	-	-	-	1	1	1	1	-	(*)	(*)	(*)	(*)	-	(*)	(*)	(*)
FACE, NEC-----	-	-	-	2	2	2	4	-	.01	.01	.01	.02	-	(*)	(*)	(*)
HEAD, NEC-----	-	-	-	15	15	15	11	-	.06	.06	.04	.10	-	(*)	(*)	(*)
NECK-----	-	-	-	5	5	5	4	-	.02	.02	.01	.03	-	2	2	2
UPPER ARM-----	-	-	-	4	4	4	1	-	.01	.01	(*)	.02	-	2	2	2
ELBOW-----	-	-	-	10	10	10	2	-	.04	.04	.01	.04	-	2	2	2
FOREARM-----	-	-	-	6	6	6	7	-	.02	.02	.03	.05	-	1	1	1
WRIST-----	-	-	-	10	10	10	5	-	.04	.04	.02	.06	-	2	2	2
HAND-----	-	-	-	13	13	13	10	-	.05	.05	.04	.09	-	1	1	1
FINGER(S)-----	-	-	3	60	63	63	55	-	.24	.24	.21	.44	-	7	7	7
UPPER EXTREMITIES, NEC-----	-	-	-	11	13	13	4	-	.05	.05	.01	.06	-	36	36	36
ABDOMEN-----	-	-	2	2	2	2	3	-	.01	.01	.01	.02	-	(*)	(*)	(*)
BACK-----	-	-	-	60	60	60	14	-	.22	.22	.05	.28	-	12	12	12
CHEST-----	-	-	-	10	10	10	3	-	.04	.04	.01	.05	-	1	1	1
PELVIC REGION-----	-	-	2	11	13	13	1	-	.05	.05	(*)	.05	-	1	1	1
SHOULDER(S)-----	-	-	-	30	30	30	7	-	.11	.11	.03	.14	-	7	7	7
TRUNK, NEC-----	-	-	-	7	7	7	1	-	.03	.03	(*)	.03	-	3	3	3
THIGH-----	-	-	-	6	6	6	8	-	.02	.02	.03	.05	-	1	1	1
KNEE-----	-	-	-	39	39	39	9	-	.15	.15	.03	.18	-	8	8	8
LOWER LEG-----	-	-	-	13	13	13	4	-	.05	.05	.01	.06	-	2	2	2
ANKLE-----	-	-	-	27	27	27	1	-	.10	.10	(*)	.10	-	4	4	4
FOOT-----	-	-	-	12	12	12	4	-	.04	.04	.01	.06	-	1	1	1
TOE(S)-----	-	-	-	2	2	2	2	-	.01	.01	-	.01	-	(*)	(*)	(*)
LOWER EXTREMITIES, NEC-----	-	-	-	7	7	7	5	-	.03	.03	.02	.04	-	1	1	1
BODY SYSTEMS-----	1	-	-	4	4	5	4	(*)	.01	.02	.01	.03	22	1	23	
MULTIPLE PARTS OF BODY-----	-	-	-	26	26	26	3	-	.10	.10	.01	.11	-	5	5	
UNCLASSIFIED-----	-	-	-	1	1	1	-	-	(*)	(*)	-	(*)	-	(*)	(*)	
TOTAL OR AVERAGE-----	1	-	7	409	416	417	202	(*)	1.55	1.56	.76	2.31	22	101	123	

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, 2010

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:																	
EAR-----	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	
EYE-----	-	-	-	8	8	21	29	-	-	-	83	83	83	-	10	10	
MOUTH/TEETH/TONGUE-----	-	-	-	4	4	4	6	-	-	-	77	77	77	-	19	19	
SCALP-----	-	-	-	1	1	1	1	-	-	-	1	1	1	-	1	1	
FACE, NEC-----	-	-	-	1	1	4	5	-	-	-	4	4	4	-	4	4	
HEAD, NEC-----	-	-	-	11	11	9	20	-	-	-	91	91	91	-	8	8	
NECK-----	-	-	-	4	4	4	7	-	-	-	413	413	413	-	103	103	
UPPER ARM-----	-	-	-	3	3	3	4	-	-	-	131	131	131	-	44	44	
ELBOW-----	-	-	-	9	9	9	11	-	-	-	502	502	502	-	56	56	
FOREARM-----	-	-	-	3	3	3	7	-	-	-	50	50	50	-	17	17	
WRIST-----	-	-	-	8	8	8	9	-	-	-	379	379	379	-	47	47	
HAND-----	-	-	-	10	10	10	18	-	-	-	151	151	151	-	15	15	
FINGER(S)-----	-	-	1	47	48	48	98	-	-	100	1,139	1,239	1,239	100	24	26	
UPPER EXTREMITIES, NEC-----	-	-	2	10	12	12	14	-	-	9,000	499	9,499	9,499	4,500	50	792	
ABDOMEN-----	-	-	-	1	1	1	3	-	-	-	68	68	68	-	68	68	
BACK-----	-	-	-	51	51	51	63	-	-	-	2,641	2,641	2,641	-	52	52	
CHEST-----	-	-	-	8	8	8	10	-	-	-	328	328	328	-	41	41	
PELVIC REGION-----	-	-	2	6	8	8	9	-	-	100	155	255	255	50	26	32	
SHOULDER(S)-----	-	-	-	26	26	26	33	-	-	-	1,719	1,719	1,719	-	66	66	
TRUNK, NEC-----	-	-	-	6	6	6	7	-	-	-	779	779	779	-	130	130	
THIGH-----	-	-	-	5	5	5	5	-	-	-	139	139	139	-	28	28	
KNEE-----	-	-	-	35	35	35	42	-	-	-	2,167	2,167	2,167	-	62	62	
LOWER LEG-----	-	-	-	10	10	10	12	-	-	-	293	293	293	-	29	29	
ANKLE-----	-	-	-	22	22	22	23	-	-	-	742	742	742	-	34	34	
FOOT-----	-	-	-	9	9	9	13	-	-	-	261	261	261	-	29	29	
TOE(S)-----	-	-	-	2	2	2	2	-	-	-	84	84	84	-	42	42	
LOWER EXTREMITIES, NEC-----	-	-	-	6	6	6	5	-	-	-	149	149	149	-	25	25	
BODY SYSTEMS-----	-	-	-	3	3	3	4	-	-	-	216	216	216	-	72	72	
MULTIPLE PARTS OF BODY-----	-	-	-	18	18	18	19	-	-	-	1,118	1,118	1,118	-	62	62	
UNCLASSIFIED-----	-	-	-	1	1	1	1	-	-	-	9	9	9	-	9	9	
TOTAL OR AVERAGE-----	-	-	5	328	333	333	167	500	-	-	9,200	14,388	23,588	23,588	1,840	44	71

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, 2010 (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
DREDGE:																	
EYE-----	-	-	-	3	3	3	4	7	-	-	-	16	16	16	-	5	5
JAW-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	1	1	1	-	1	-	-	-	35	35	35	-	35	35
HEAD, NEC-----	-	-	-	4	4	4	2	6	-	-	-	9	9	9	-	2	2
NECK-----	-	-	-	1	1	1	1	2	-	-	-	44	44	44	-	44	44
UPPER ARM-----	-	-	-	1	1	1	-	1	-	-	-	349	349	349	-	349	349
ELBOW-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
FOREARM-----	-	-	-	3	3	3	-	3	-	-	-	97	97	97	-	32	32
WRIST-----	-	-	-	1	1	1	4	5	-	-	-	108	108	108	-	108	108
HAND-----	-	-	-	3	3	3	2	5	-	-	-	14	14	14	-	5	5
FINGER(S)-----	-	-	2	12	14	14	5	19	-	150	-	505	655	655	75	42	47
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	2	3	-	-	-	1	1	1	-	1	1
ABDOMEN-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
BACK-----	-	-	-	8	8	8	2	10	-	-	-	579	579	579	-	72	72
CHEST-----	-	-	-	2	2	2	1	3	-	-	-	31	31	31	-	16	16
PELVIC REGION-----	-	-	-	5	5	5	-	5	-	-	-	94	94	94	-	19	19
SHOULDER(S)-----	-	-	-	4	4	4	-	4	-	-	-	216	216	216	-	54	54
TRUNK, NEC-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
THIGH-----	-	-	-	1	1	1	3	4	-	-	-	14	14	14	-	14	14
KNEE-----	-	-	-	4	4	4	2	6	-	-	-	53	53	53	-	13	13
LOWER LEG-----	-	-	-	2	2	2	2	4	-	-	-	250	250	250	-	125	125
ANKLE-----	-	-	-	5	5	5	-	5	-	-	-	369	369	369	-	74	74
FOOT-----	-	-	-	3	3	3	-	3	-	-	-	107	107	107	-	36	36
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
BODY SYSTEMS-----	1	-	-	1	1	2	-	2	6,000	-	-	1	1	6,001	-	1	3,000
MULTIPLE PARTS OF BODY-----	-	-	-	8	8	8	2	10	-	-	-	178	178	178	-	22	22
TOTAL OR AVERAGE-----	1	-	2	77	79	80	35	115	6,000	-	150	3,091	3,241	9,241	75	40	116

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, 2010 (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-----	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	
EYE-----	-	-	11	11	11	25	36	-	-	99	99	99	-	9	9	-	-	
JAW-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	
MOUTH/TEETH/TONGUE-----	-	-	4	4	4	3	7	-	-	77	77	77	-	19	19	-	-	
SCALP-----	-	-	1	1	1	1	1	-	-	1	1	1	-	1	1	-	-	
FACE, NEC-----	-	-	2	2	2	4	6	-	-	39	39	39	-	20	20	-	-	
HEAD, NEC-----	-	-	15	15	15	11	26	-	-	100	100	100	-	7	7	-	-	
NECK-----	-	-	5	5	5	4	9	-	-	457	457	457	-	91	91	-	-	
UPPER ARM-----	-	-	4	4	4	1	5	-	-	480	480	480	-	120	120	-	-	
ELBOW-----	-	-	10	10	10	2	12	-	-	507	507	507	-	51	51	-	-	
FOREARM-----	-	-	6	6	6	7	13	-	-	147	147	147	-	24	24	-	-	
WRIST-----	-	-	9	9	9	5	14	-	-	487	487	487	-	54	54	-	-	
HAND-----	-	-	13	13	13	10	23	-	-	165	165	165	-	13	13	-	-	
FINGER(S)-----	-	3	59	62	62	55	117	-	-	1,644	1,894	1,894	83	28	31	-	-	
UPPER EXTREMITIES, NEC-----	-	2	11	13	13	4	17	-	250	9,000	500	9,500	4,500	45	731	-	-	
ABDOMEN-----	-	-	2	2	2	3	5	-	-	73	73	73	-	36	36	-	-	
BACK-----	-	-	59	59	59	14	73	-	-	3,220	3,220	3,220	-	55	55	-	-	
CHEST-----	-	-	10	10	10	3	13	-	-	359	359	359	-	36	36	-	-	
PELVIC REGION-----	-	2	11	13	13	1	14	-	100	249	349	349	50	23	27	-	-	
SHOULDER(S)-----	-	-	30	30	30	7	37	-	-	1,935	1,935	1,935	-	64	64	-	-	
TRUNK, NEC-----	-	-	7	7	7	1	8	-	-	788	788	788	-	113	113	-	-	
THIGH-----	-	-	6	6	6	8	14	-	-	153	153	153	-	26	26	-	-	
KNEE-----	-	-	39	39	39	9	48	-	-	2,220	2,220	2,220	-	57	57	-	-	
LOWER LEG-----	-	-	12	12	12	4	16	-	-	543	543	543	-	45	45	-	-	
ANKLE-----	-	-	27	27	27	1	28	-	-	1,111	1,111	1,111	-	41	41	-	-	
FOOT-----	-	-	12	12	12	4	16	-	-	368	368	368	-	31	31	-	-	
TOE(S)-----	-	-	2	2	2	2	2	-	-	84	84	84	-	42	42	-	-	
LOWER EXTREMITIES, NEC-----	-	-	7	7	7	5	12	-	-	151	151	151	-	22	22	-	-	
BODY SYSTEMS-----	1	-	4	4	4	5	9	6,000	-	217	217	6,217	-	54	54	1,243	-	
MULTIPLE PARTS OF BODY-----	-	-	26	26	26	3	29	-	-	1,296	1,296	1,296	-	50	50	-	-	
UNCLASSIFIED-----	-	-	1	1	1	1	1	-	-	9	9	9	-	9	9	-	-	
TOTAL OR AVERAGE-----	1	-	7	405	412	413	202	615	6,000	-	9,350	17,479	26,829	1,336	43	79	-	
OFFICE:																		
WRIST-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10	-
FINGER(S)-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48	-
BACK-----	-	-	-	1	1	1	-	1	-	-	-	36	36	36	-	36	36	-
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	-	75	75	75	-	75	75	-
TOTAL OR AVERAGE-----	-	-	-	4	4	4	-	4	-	-	-	169	169	169	-	42	42	-

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, 2010 (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:-----	1	-	7	409	416	417	202	619	6,000	-	9,350	17,648	26,998	32,998	1,336	43	79
EAR-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
EYE-----	-	-	-	11	11	11	25	36	-	-	-	99	99	99	-	9	9
JAW-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	4	4	4	3	7	-	-	-	77	77	77	-	19	19
SCALP-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
FACE, NEC-----	-	-	-	2	2	2	4	6	-	-	-	39	39	39	-	20	20
HEAD, NEC-----	-	-	-	15	15	15	11	26	-	-	-	100	100	100	-	7	7
NECK-----	-	-	-	5	5	5	4	9	-	-	-	457	457	457	-	91	91
UPPER ARM-----	-	-	-	4	4	4	1	5	-	-	-	480	480	480	-	120	120
ELBOW-----	-	-	-	10	10	10	2	12	-	-	-	507	507	507	-	51	51
FOREARM-----	-	-	-	6	6	6	7	13	-	-	-	147	147	147	-	24	24
WRIST-----	-	-	-	10	10	10	5	15	-	-	-	497	497	497	-	50	50
HAND-----	-	-	-	13	13	13	10	23	-	-	-	165	165	165	-	13	13
FINGER(S)-----	-	-	3	60	63	63	55	118	-	-	-	1,692	1,942	1,942	83	28	31
UPPER EXTREMITIES, NEC-----	-	-	2	11	13	13	4	17	-	250	1,692	1,942	1,942	1,942	4,500	45	731
ABDOMEN-----	-	-	-	2	2	2	3	5	-	-	-	73	73	73	-	36	36
BACK-----	-	-	-	60	60	60	14	74	-	-	-	3,256	3,256	3,256	-	54	54
CHEST-----	-	-	-	10	10	10	3	13	-	-	-	359	359	359	-	36	36
PELVIC REGION-----	-	-	2	11	13	13	1	14	-	100	-	249	349	349	50	23	27
SHOULDER(S)-----	-	-	-	30	30	30	7	37	-	-	-	1,935	1,935	1,935	-	64	64
TRUNK, NEC-----	-	-	-	7	7	7	1	8	-	-	-	788	788	788	-	113	113
THIGH-----	-	-	-	6	6	6	8	14	-	-	-	153	153	153	-	26	26
KNEE-----	-	-	-	39	39	39	9	48	-	-	-	2,220	2,220	2,220	-	57	57
LOWER LEG-----	-	-	-	13	13	13	4	17	-	-	-	618	618	618	-	48	48
ANKLE-----	-	-	-	27	27	27	1	28	-	-	-	1,111	1,111	1,111	-	41	41
FOOT-----	-	-	-	12	12	12	4	16	-	-	-	368	368	368	-	31	31
TOE(S)-----	-	-	-	2	2	2	-	2	-	-	-	84	84	84	-	42	42
LOWER EXTREMITIES, NEC-----	-	-	-	7	7	7	5	12	-	-	-	151	151	151	-	22	22
BODY SYSTEMS-----	1	-	-	4	4	5	4	9	6,000	-	-	217	217	6,217	-	54	1,243
MULTIPLE PARTS OF BODY-----	-	-	-	26	26	26	3	29	-	-	-	1,296	1,296	1,296	-	50	50
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9

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, 2010

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--	-	-	3	-	3	3	-	3	-	.02	.02	-	.02	-	47	47
BURN/SCALD (NOT CHEM.)--	-	-	-	7	7	7	5	12	-	.04	.04	.03	.06	-	(*)	(*)
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	1	1
CONCUSSION (CEREBRAL)---	-	-	-	1	1	1	1	2	-	.01	.01	.01	.01	-	(*)	(*)
CONTUSION OR BRUISE-----	-	-	-	44	44	44	12	56	-	.23	.23	.06	.29	-	9	9
CUT OR PUNCTURE-----	-	-	-	56	56	56	74	130	-	.29	.29	.39	.68	-	3	3
DISLOCATION-----	-	-	-	3	3	3	2	5	-	.02	.02	.01	.03	-	2	2
DUST IN EYE-----	-	-	-	2	2	2	9	11	-	.01	.01	.05	.06	-	(*)	(*)
ELECTRIC SHOCK-----	-	-	-	1	1	1	1	2	-	.01	.01	.01	.01	-	1	1
ELECT. BURN (CONTACT)---	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
FRACTURE-----	-	-	-	49	49	49	17	66	-	.26	.26	.09	.34	-	16	16
HERNIA (NOT DISC)-----	-	-	2	3	5	5	-	5	-	.03	.03	-	.03	-	1	1
POISONING (SYSTEMIC)---	-	-	-	2	2	2	3	5	-	.01	.01	.02	.03	-	(*)	(*)
RADIATION/ULTRA VIOLET---	-	-	-	1	1	1	2	3	-	.01	.01	.01	.02	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	2	2	2	5	7	-	.01	.01	.03	.04	-	(*)	(*)
STRAIN/SPRAIN-----	-	-	-	128	128	128	31	159	-	.67	.67	.16	.83	-	29	29
MULTIPLE INJURIES-----	-	-	-	5	5	5	2	7	-	.03	.03	.01	.04	-	2	2
OTHER INJURY, NEC-----	-	-	-	2	2	2	1	3	-	.01	.01	.01	.02	-	(*)	(*)
UNCLASSIFIED (NO DATA)--	-	-	-	20	20	20	2	22	-	.10	.10	.01	.11	-	10	10
TOTAL OR AVERAGE-----	-	-	5	328	333	333	167	500	-	1.73	1.73	.87	2.60	-	123	123
DREDGE:																
AMPUTATION/ENUCLEATION--	-	-	2	-	2	2	-	2	-	.05	.05	-	.05	-	4	4
ASPHYXIATION/DROWNING---	1	-	-	-	1	1	-	1	.03	-	.03	-	.03	156	-	156
BURN/SCALD (NOT CHEM.)---	-	-	-	1	1	1	1	2	-	.03	.03	.03	.05	-	(*)	(*)
CONTUSION OR BRUISE-----	-	-	-	13	13	13	2	15	-	.34	.34	.05	.39	-	17	17
CUT OR PUNCTURE-----	-	-	-	16	16	16	18	34	-	.42	.42	.47	.88	-	6	6
DUST IN EYE-----	-	-	-	1	1	1	1	2	-	.03	.03	.03	.05	-	(*)	(*)
FRACTURE-----	-	-	-	13	13	13	3	16	-	.34	.34	.08	.42	-	30	30
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
POISONING (SYSTEMIC)---	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
RADIATION/ULTRA VIOLET---	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
STRAIN/SPRAIN-----	-	-	-	23	23	23	7	30	-	.60	.60	.18	.78	-	24	24
MULTIPLE INJURIES-----	-	-	-	3	3	3	-	3	-	.08	.08	-	.08	-	1	1
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
UNCLASSIFIED (NO DATA)--	-	-	-	4	4	4	1	5	-	.10	.10	.03	.13	-	2	2
TOTAL OR AVERAGE-----	1	-	2	77	79	80	35	115	.03	2.05	2.08	.91	2.99	156	84	240

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, 2010 (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		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
TOTAL OR AVERAGE, MINING:	-	-	5	-	5	5	-	5	(*)	.02	.02	-	.02	-	40	40
AMPUTATION/ENUCLEATION----	1	-	-	-	1	1	-	1	(*)	-	(*)	-	(*)	-	-	26
ASPHYXIATION/DROWNING----	-	-	-	-	8	8	6	14	(*)	.03	.03	.03	.06	(*)	(*)	(*)
BURN/SCALD (NOT CHEM.)----	-	-	-	-	1	1	-	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
CHEMICAL BURN-----	-	-	-	-	1	1	-	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
CONCUSSION (CEREBRAL)----	-	-	-	-	1	1	-	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
CONTUSION OR BRUISE-----	-	-	-	-	57	57	14	71	(*)	.25	.25	.06	.31	(*)	10	10
CUT OR PUNCTURE-----	-	-	-	-	72	72	92	164	(*)	.31	.31	.40	.71	(*)	4	4
DISLOCATION-----	-	-	-	-	3	3	2	5	(*)	.01	.01	.01	.02	(*)	1	1
DUST IN EYE-----	-	-	-	-	3	3	10	13	(*)	.01	.01	.04	.06	(*)	1	1
ELECTRIC SHOCK-----	-	-	-	-	1	1	1	2	(*)	(*)	(*)	(*)	.01	(*)	1	1
ELECT. BURN (CONTACT)-----	-	-	-	-	1	1	-	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
FRACTURE-----	-	-	-	-	62	62	20	82	(*)	.27	.27	.09	.36	(*)	18	18
HERNIA (NOT DISC)-----	-	-	2	-	4	6	-	6	(*)	.03	.03	-	.03	(*)	1	1
POISONING (SYSTEMIC)-----	-	-	-	-	3	3	3	6	(*)	.01	.01	.01	.03	(*)	(*)	(*)
RADIATION/ULTRA VIOLET-----	-	-	-	-	1	1	3	4	(*)	(*)	(*)	(*)	.02	(*)	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	-	2	2	6	8	(*)	.01	.01	.03	.03	(*)	(*)	(*)
STRAIN/SPRAIN-----	-	-	-	-	151	151	38	189	(*)	.66	.66	.16	.82	(*)	28	28
MULTIPLE INJURIES-----	-	-	-	-	8	8	2	10	(*)	.03	.03	.01	.04	(*)	2	2
OTHER INJURY, NEC-----	-	-	-	-	3	3	1	4	(*)	.01	.01	(*)	.02	(*)	(*)	(*)
UNCLASSIFIED (NO DATA)-----	-	-	-	-	24	24	3	27	(*)	.10	.10	.01	.12	(*)	9	9
TOTAL OR AVERAGE-----	1	-	7	405	412	413	202	615	(*)	1.79	1.79	.88	2.67	26	116	142
OFFICE:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	-	2	2	-	2	(*)	.05	.05	-	.05	(*)	3	3
STRAIN/SPRAIN-----	-	-	-	-	1	1	-	1	(*)	.03	.03	-	.03	(*)	1	1
UNCLASSIFIED (NO DATA)-----	-	-	-	-	1	1	-	1	(*)	.03	.03	-	.03	(*)	1	1
TOTAL OR AVERAGE-----	-	-	-	-	4	4	-	4	(*)	.11	.11	-	.11	-	5	5
GRAND TOTAL OR AVERAGE:	-	-	5	-	5	5	-	5	(*)	.02	.02	-	.02	-	35	35
AMPUTATION/ENUCLEATION----	1	-	-	-	1	1	-	1	(*)	-	(*)	-	(*)	-	-	22
ASPHYXIATION/DROWNING----	-	-	-	-	8	8	6	14	(*)	.03	.03	.02	.05	(*)	(*)	(*)
BURN/SCALD (NOT CHEM.)----	-	-	-	-	1	1	-	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
CHEMICAL BURN-----	-	-	-	-	1	1	-	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
CONCUSSION (CEREBRAL)----	-	-	-	-	1	1	-	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
CONTUSION OR BRUISE-----	-	-	-	-	57	57	14	71	(*)	.21	.21	.05	.27	(*)	9	9
CUT OR PUNCTURE-----	-	-	-	-	72	72	92	164	(*)	.27	.27	.34	.61	(*)	3	3
DISLOCATION-----	-	-	-	-	3	3	2	5	(*)	.01	.01	.01	.02	(*)	1	1
DUST IN EYE-----	-	-	-	-	3	3	10	13	(*)	.01	.01	.04	.05	(*)	1	1
ELECTRIC SHOCK-----	-	-	-	-	1	1	1	2	(*)	(*)	(*)	(*)	.01	(*)	1	1
ELECT. BURN (CONTACT)-----	-	-	-	-	1	1	-	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
FRACTURE-----	-	-	-	-	64	64	20	84	(*)	.24	.24	.07	.31	(*)	16	16
HERNIA (NOT DISC)-----	-	-	2	-	4	6	-	6	(*)	.02	.02	-	.02	(*)	1	1
POISONING (SYSTEMIC)-----	-	-	-	-	3	3	3	6	(*)	.01	.01	.01	.02	(*)	(*)	(*)
RADIATION/ULTRA VIOLET-----	-	-	-	-	1	1	3	4	(*)	(*)	(*)	(*)	.01	(*)	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	-	2	2	6	8	(*)	.01	.01	.02	.03	(*)	(*)	(*)
STRAIN/SPRAIN-----	-	-	-	-	152	152	38	190	(*)	.57	.57	.14	.71	(*)	24	24
MULTIPLE INJURIES-----	-	-	-	-	8	8	2	10	(*)	.03	.03	.01	.04	(*)	2	2
OTHER INJURY, NEC-----	-	-	-	-	3	3	1	4	(*)	.01	.01	(*)	.01	(*)	(*)	(*)
UNCLASSIFIED (NO DATA)-----	-	-	-	-	25	25	3	28	(*)	.09	.09	.01	.10	(*)	8	8
TOTAL OR AVERAGE-----	1	-	7	409	416	417	202	619	(*)	1.55	1.56	.76	2.31	22	101	123

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, 2010

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					PERMANENT	TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL												
<b>SURFACE MINES:</b>															
OPEN PIT:															
AMPUTATION/ENUCLEATION	-	-	3	-	3	3	-	-	9,100	-	9,100	9,100	3,033	-	3,033
BURN/SCALD (NOT CHEM.)	-	-	7	-	7	7	5	-	69	69	9,100	69	-	10	10
CHEMICAL BURN	-	-	1	-	1	1	-	-	152	152	152	-	-	152	152
CONCUSSION (CEREBRAL)	-	-	1	-	1	1	1	-	9	9	9	-	-	9	9
CONTUSION OR BRUISE	-	-	44	-	44	44	12	-	1,686	1,686	1,686	-	-	38	38
CUT OR PUNCTURE	-	-	56	-	56	56	74	-	669	669	669	-	-	12	12
DISLOCATION	-	-	3	-	3	3	2	-	334	334	334	-	-	111	111
DUST IN EYE	-	-	2	-	2	2	9	-	4	4	4	-	-	2	2
ELECTRIC SHOCK	-	-	1	-	1	1	1	-	212	212	212	-	-	212	212
ELECT. BURN (CONTACT)	-	-	1	-	1	1	-	-	48	48	48	-	-	48	48
FRACTURE	-	-	49	-	49	49	17	-	2,988	2,988	2,988	-	-	61	61
HERNIA (NOT DISC)	-	2	3	-	5	5	5	-	68	168	168	50	-	23	34
POISONING (SYSTEMIC)	-	-	2	-	2	2	3	-	4	4	4	-	-	2	2
RADIATION/ULTRA VIOLET	-	-	1	-	1	1	2	-	4	4	4	-	-	4	4
SCRATCH/ABRASION	-	-	2	-	2	2	5	-	7	7	7	-	-	4	4
STRAIN/SPRAIN	-	-	128	-	128	128	31	-	5,598	5,598	5,598	-	-	44	44
MULTIPLE INJURIES	-	-	5	-	5	5	2	-	464	464	464	-	-	93	93
OTHER INJURY, NEC	-	-	2	-	2	2	1	-	60	60	60	-	-	30	30
UNCLASSIFIED (NO DATA)	-	-	20	-	20	20	2	-	2,012	2,012	2,012	-	-	101	101
TOTAL OR AVERAGE	-	-	5	328	333	333	167	500	-	9,200	14,388	23,588	1,840	44	71
<b>DREDGE:</b>															
AMPUTATION/ENUCLEATION	-	-	2	-	2	2	-	2	-	150	-	150	75	-	75
ASPHYXIATION/DROWNING	1	-	-	-	-	1	-	2	6,000	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)	-	-	1	-	1	1	1	2	-	5	5	5	-	5	5
CONTUSION OR BRUISE	-	-	13	-	13	13	2	15	-	667	667	667	-	51	51
CUT OR PUNCTURE	-	-	16	-	16	16	18	34	-	232	232	232	-	14	14
DUST IN EYE	-	-	1	-	1	1	1	2	-	1	1	1	-	1	1
FRACTURE	-	-	13	-	13	13	3	16	-	1,138	1,138	1,138	-	88	88
HERNIA (NOT DISC)	-	-	1	-	1	1	-	1	-	7	7	7	-	7	7
POISONING (SYSTEMIC)	-	-	1	-	1	1	-	1	-	1	1	1	-	1	1
RADIATION/ULTRA VIOLET	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
SCRATCH/ABRASION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	23	-	23	23	7	30	-	925	925	925	-	40	40
MULTIPLE INJURIES	-	-	3	-	3	3	-	3	-	35	35	35	-	12	12
OTHER INJURY, NEC	-	-	1	-	1	1	-	1	-	14	14	14	-	14	14
UNCLASSIFIED (NO DATA)	-	-	4	-	4	4	1	5	-	66	66	66	-	16	16
TOTAL OR AVERAGE	1	-	2	77	79	80	35	115	6,000	-	150	3,091	9,241	75	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, 2010 (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:																	
AMPUTATION/ENUCLEATION-----	-	-	5	-	5	5	-	5	-	-	9,250	-	9,250	9,250	1,850	-	1,850
ASPHYXIATION/DROWNING-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)-----	-	-	-	8	8	8	6	14	-	-	74	74	74	-	-	9	9
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	152	152	152	-	152	152	152
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	1	2	-	-	9	9	9	-	9	9	9
CONTUSION OR BRUISE-----	-	-	-	57	57	57	14	71	-	-	2,353	2,353	2,353	-	41	41	41
CUT OR PUNCTURE-----	-	-	-	72	72	72	92	164	-	-	901	901	901	-	13	13	13
DISLOCATION-----	-	-	-	3	3	3	2	5	-	-	334	334	334	-	111	111	111
DUST IN EYE-----	-	-	-	3	3	3	10	13	-	-	5	5	5	-	2	2	2
ELECTRIC SHOCK-----	-	-	-	1	1	1	1	2	-	-	212	212	212	-	212	212	212
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	48	48	48	-	48	48	48
FRACTURE-----	-	-	-	62	62	62	20	82	-	-	4,126	4,126	4,126	-	67	67	67
HERNIA (NOT DISC)-----	-	-	2	4	6	6	-	6	-	100	75	175	175	50	19	29	29
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	3	6	-	-	5	5	5	-	2	2	2
RADIATION/ULTRA VIOLET-----	-	-	-	1	1	1	3	4	-	-	4	4	4	-	4	4	4
SCRATCH/ABRASION-----	-	-	-	2	2	2	6	8	-	-	7	7	7	-	4	4	4
STRAIN/SPRAIN-----	-	-	-	151	151	151	38	189	-	-	6,523	6,523	6,523	-	43	43	43
MULTIPLE INJURIES-----	-	-	-	8	8	8	2	10	-	-	499	499	499	-	62	62	62
OTHER INJURY, NEC-----	-	-	-	3	3	3	1	4	-	-	74	74	74	-	25	25	25
UNCLASSIFIED (NO DATA)-----	-	-	-	24	24	24	3	27	-	-	2,078	2,078	2,078	-	87	87	87
TOTAL OR AVERAGE-----	1	-	7	405	412	413	202	615	6,000	-	9,350	17,479	26,829	32,829	1,336	43	79
OFFICE:																	
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	123	123	123	-	62	62	62
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	10	10	10	-	10	10	10
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	36	36	36	-	36	36	36
TOTAL OR AVERAGE-----	-	-	-	4	4	4	-	4	-	-	169	169	169	-	42	42	42
GRAND TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION-----	-	-	5	-	5	5	-	5	-	-	9,250	-	9,250	9,250	1,850	-	1,850
ASPHYXIATION/DROWNING-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)-----	-	-	-	8	8	8	6	14	-	-	74	74	74	-	9	9	9
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	152	152	152	-	152	152	152
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	1	2	-	-	9	9	9	-	9	9	9
CONTUSION OR BRUISE-----	-	-	-	57	57	57	14	71	-	-	2,353	2,353	2,353	-	41	41	41
CUT OR PUNCTURE-----	-	-	-	72	72	72	92	164	-	-	901	901	901	-	13	13	13
DISLOCATION-----	-	-	-	3	3	3	2	5	-	-	334	334	334	-	111	111	111
DUST IN EYE-----	-	-	-	3	3	3	10	13	-	-	5	5	5	-	2	2	2
ELECTRIC SHOCK-----	-	-	-	1	1	1	1	2	-	-	212	212	212	-	212	212	212
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	48	48	48	-	48	48	48
FRACTURE-----	-	-	-	64	64	64	20	84	-	-	4,249	4,249	4,249	-	66	66	66
HERNIA (NOT DISC)-----	-	-	2	4	6	6	-	6	-	100	75	175	175	50	19	29	29
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	3	6	-	-	5	5	5	-	2	2	2
RADIATION/ULTRA VIOLET-----	-	-	-	1	1	1	3	4	-	-	4	4	4	-	4	4	4
SCRATCH/ABRASION-----	-	-	-	2	2	2	6	8	-	-	7	7	7	-	4	4	4
STRAIN/SPRAIN-----	-	-	-	152	152	152	38	190	-	-	6,533	6,533	6,533	-	43	43	43
MULTIPLE INJURIES-----	-	-	-	8	8	8	2	10	-	-	499	499	499	-	62	62	62
OTHER INJURY, NEC-----	-	-	-	3	3	3	1	4	-	-	74	74	74	-	25	25	25
UNCLASSIFIED (NO DATA)-----	-	-	-	25	25	25	3	28	-	-	2,114	2,114	2,114	-	85	85	85
TOTAL OR AVERAGE-----	1	-	7	409	416	417	202	619	6,000	-	9,350	17,648	26,998	32,998	1,336	43	79

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, 2010

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					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
EAR:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
EYE:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
CUT OR PUNCTURE-----	-	-	-	3	3	3	6	9	-	-	-	10	10	10	-	3	3
DUST IN EYE-----	-	-	-	3	3	3	10	13	-	-	-	5	5	5	-	2	2
RADIATION/ULTRA VIOLET-----	-	-	-	1	1	1	2	3	-	-	-	4	4	4	-	4	4
SCRATCH/ABRASION-----	-	-	-	1	1	1	5	6	-	-	-	2	2	2	-	2	2
OTHER INJURY, NEC-----	-	-	-	2	2	2	-	2	-	-	-	71	71	71	-	36	36
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	11	11	11	25	36	-	-	-	99	99	99	-	9	9
JAW:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	3	3	3	2	5	-	-	-	74	74	74	-	25	25
TOTAL OR AVERAGE-----	-	-	-	4	4	4	3	7	-	-	-	77	77	77	-	19	19
SCALP:																	
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
FACE, NEC:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
CUT OR PUNCTURE-----	-	-	-	1	1	1	3	4	-	-	-	35	35	35	-	35	35
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	2	2	2	4	6	-	-	-	39	39	39	-	20	20
HEAD, NEC:																	
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	1	2	-	-	-	9	9	9	-	9	9
CONTUSION OR BRUISE-----	-	-	-	2	2	2	1	3	-	-	-	3	3	3	-	2	2
CUT OR PUNCTURE-----	-	-	-	9	9	9	9	18	-	-	-	81	81	81	-	9	9
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	-	2	-	-	-	4	4	4	-	2	2
TOTAL OR AVERAGE-----	-	-	-	15	15	15	11	26	-	-	-	100	100	100	-	7	7

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, 2010 (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:																	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	196	196	196	-	196	196
STRAIN/SPRAIN-----	-	-	-	4	4	4	3	7	-	-	-	261	261	261	-	65	65
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	5	5	5	4	9	-	-	-	457	457	457	-	91	91
UPPER ARM:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	349	349	349	-	349	349
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	-	92	92
STRAIN/SPRAIN-----	-	-	-	2	2	2	1	3	-	-	-	39	39	39	-	20	20
TOTAL OR AVERAGE-----	-	-	-	4	4	4	1	5	-	-	-	480	480	480	-	120	120
ELBOW:																	
CONTUSION OR BRUISE-----	-	-	-	3	3	3	1	4	-	-	-	157	157	157	-	52	52
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	19	19	19	-	19	19
STRAIN/SPRAIN-----	-	-	-	5	5	5	-	5	-	-	-	295	295	295	-	59	59
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	36	36	36	-	36	36
TOTAL OR AVERAGE-----	-	-	-	10	10	10	2	12	-	-	-	507	507	507	-	51	51
FOREARM:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	2	2	2	5	7	-	-	-	9	9	9	-	4	4
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	113	113	113	-	56	56
RADIATION/ULTRA VIOLET-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	25	25	25	-	12	12
TOTAL OR AVERAGE-----	-	-	-	6	6	6	7	13	-	-	-	147	147	147	-	24	24
WRIST:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	80	80	80	-	80	80
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	6	6	6	1	7	-	-	-	383	383	383	-	64	64
STRAIN/SPRAIN-----	-	-	-	3	3	3	2	5	-	-	-	34	34	34	-	11	11
TOTAL OR AVERAGE-----	-	-	-	10	10	10	5	15	-	-	-	497	497	497	-	50	50
HAND:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
CUT OR PUNCTURE-----	-	-	-	10	10	10	10	20	-	-	-	105	105	105	-	10	10
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
SCRATCH/ABRASION-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	13	13	13	10	23	-	-	-	165	165	165	-	13	13

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, 2010 (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						
<b>FINGER(S):</b>																	
AMPUTATION/ENUCLEATION-----	-	-	3	-	3	3	-	3	-	-	250	-	250	250	83	-	83
CONTUSION OR BRUISE-----	-	-	-	11	11	11	5	16	-	-	-	424	424	424	-	39	39
CUT OR PUNCTURE-----	-	-	-	30	30	30	33	63	-	-	-	491	491	491	-	16	16
DISLOCATION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	18	18	18	12	30	-	-	-	741	741	741	-	41	41
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	1	1	1	1	2	-	-	-	36	36	36	-	36	36
MULTIPLE INJURIES-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	3	60	63	63	55	118	-	-	250	1,692	1,942	1,942	83	28	31
<b>UPPER EXTREMITIES, NEC:</b>																	
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	9,000	-	9,000	9,000	4,500	-	4,500
BURN/SCALD (NOT CHEM.)-----	-	-	-	2	2	2	1	3	-	-	-	44	44	44	-	22	22
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CUT OR PUNCTURE-----	-	-	-	3	3	3	2	5	-	-	-	58	58	58	-	19	19
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	164	164	164	-	164	164
STRAIN/SPRAIN-----	-	-	-	2	2	2	1	3	-	-	-	167	167	167	-	84	84
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	44	44	44	-	44	44
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	-	20	20
TOTAL OR AVERAGE-----	-	-	2	11	13	13	4	17	-	-	9,000	500	9,500	9,500	4,500	45	731
<b>ABDOMEN:</b>																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	-	-	-	-	73	73	73	-	36	36
TOTAL OR AVERAGE-----	-	-	-	2	2	2	3	5	-	-	-	73	73	73	-	36	36
<b>BACK:</b>																	
CONTUSION OR BRUISE-----	-	-	-	4	4	4	1	5	-	-	-	65	65	65	-	16	16
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	62	62	62	-	62	62
STRAIN/SPRAIN-----	-	-	-	47	47	47	12	59	-	-	-	1,881	1,881	1,881	-	40	40
UNCLASSIFIED (NO DATA)-----	-	-	-	8	8	8	1	9	-	-	-	1,248	1,248	1,248	-	156	156
TOTAL OR AVERAGE-----	-	-	-	60	60	60	14	74	-	-	-	3,256	3,256	3,256	-	54	54
<b>CHEST:</b>																	
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152
CONTUSION OR BRUISE-----	-	-	-	3	3	3	1	4	-	-	-	39	39	39	-	13	13
FRACTURE-----	-	-	-	5	5	5	2	7	-	-	-	152	152	152	-	30	30
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
TOTAL OR AVERAGE-----	-	-	-	10	10	10	3	13	-	-	-	359	359	359	-	36	36

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, 2010 (CONTINUED)

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPO- RARY	TOTAL NFDL					PERMANENT		TEMPO- RARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
PELVIC REGION:																	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	58	58	58	-	29	29
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	29	29	29	-	29	29
HERNIA (NOT DISC)-----	-	-	2	4	6	6	-	6	-	-	100	75	175	175	50	19	29
STRAIN/SPRAIN-----	-	-	-	4	4	4	1	5	-	-	-	87	87	87	-	22	22
TOTAL OR AVERAGE-----	-	-	2	11	13	13	1	14	-	-	100	249	349	349	50	23	27
SHOULDER(S):																	
CONTUSION OR BRUISE-----	-	-	-	3	3	3	-	3	-	-	-	339	339	339	-	113	113
DISLOCATION-----	-	-	-	2	2	2	1	3	-	-	-	295	295	295	-	148	148
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	89	89	89	-	44	44
STRAIN/SPRAIN-----	-	-	-	20	20	20	6	26	-	-	-	873	873	873	-	44	44
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	-	3	-	-	-	339	339	339	-	113	113
TOTAL OR AVERAGE-----	-	-	-	30	30	30	7	37	-	-	-	1,935	1,935	1,935	-	64	64
TRUNK, NEC:																	
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	590	590	590	-	197	197
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	190	190	190	-	95	95
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE-----	-	-	-	7	7	7	1	8	-	-	-	788	788	788	-	113	113
THIGH:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	58	58	58	-	58	58
CUT OR PUNCTURE-----	-	-	-	2	2	2	8	10	-	-	-	10	10	10	-	5	5
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	83	83	83	-	42	42
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE-----	-	-	-	6	6	6	8	14	-	-	-	153	153	153	-	26	26
KNEE:																	
CONTUSION OR BRUISE-----	-	-	-	7	7	7	1	8	-	-	-	235	235	235	-	34	34
CUT OR PUNCTURE-----	-	-	-	3	3	3	1	4	-	-	-	38	38	38	-	13	13
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	39	39	39	-	39	39
STRAIN/SPRAIN-----	-	-	-	26	26	26	7	33	-	-	-	1,833	1,833	1,833	-	70	70
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	73	73	73	-	73	73
TOTAL OR AVERAGE-----	-	-	-	39	39	39	9	48	-	-	-	2,220	2,220	2,220	-	57	57

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, 2010 (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						
LOWER LEG:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
CUT OR PUNCTURE-----	-	-	-	4	4	4	3	7	-	-	-	22	22	22	-	6	6
FRACTURE-----	-	-	-	4	4	4	-	4	-	-	-	405	405	405	-	101	101
STRAIN/SPRAIN-----	-	-	-	3	3	3	1	4	-	-	-	166	166	166	-	55	55
TOTAL OR AVERAGE-----	-	-	-	13	13	13	4	17	-	-	-	618	618	618	-	48	48
ANKLE:																	
FRACTURE-----	-	-	-	9	9	9	-	9	-	-	-	814	814	814	-	90	90
STRAIN/SPRAIN-----	-	-	-	17	17	17	1	18	-	-	-	204	204	204	-	12	12
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	93	93	93	-	93	93
TOTAL OR AVERAGE-----	-	-	-	27	27	27	1	28	-	-	-	1,111	1,111	1,111	-	41	41
FOOT:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
CONTUSION OR BRUISE-----	-	-	-	5	5	5	2	7	-	-	-	39	39	39	-	8	8
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	4	4	4	1	5	-	-	-	257	257	257	-	64	64
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	61	61	61	-	61	61
TOTAL OR AVERAGE-----	-	-	-	12	12	12	4	16	-	-	-	368	368	368	-	31	31
TOE(S):																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	60	60	60	-	60	60
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	84	84	84	-	42	42
LOWER EXTREMITIES, NEC:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
CUT OR PUNCTURE-----	-	-	-	3	3	3	3	6	-	-	-	22	22	22	-	7	7
FRACTURE-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	126	126	126	-	63	63
TOTAL OR AVERAGE-----	-	-	-	7	7	7	5	12	-	-	-	151	151	151	-	22	22
BODY SYSTEMS:																	
ASPHYXIATION/DROWNING-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
ELECTRIC SHOCK-----	-	-	-	1	1	1	1	2	-	-	-	212	212	212	-	212	212
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	3	6	-	-	-	5	5	5	-	2	2
TOTAL OR AVERAGE-----	1	-	-	4	4	5	4	9	6,000	-	-	217	217	6,217	-	54	1,243

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, 2010 (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						
MULTIPLE PARTS OF BODY:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	2	2	2	1	3	-	-	-	6	6	6	-	3	3
CONTUSION OR BRUISE-----	-	-	-	8	8	8	-	8	-	-	-	416	416	416	-	52	52
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	62	62	62	-	62	62
STRAIN/SPRAIN-----	-	-	-	6	6	6	2	8	-	-	-	138	138	138	-	23	23
MULTIPLE INJURIES-----	-	-	-	5	5	5	-	5	-	-	-	447	447	447	-	89	89
UNCLASSIFIED (NO DATA)-----	-	-	-	4	4	4	-	4	-	-	-	227	227	227	-	57	57
TOTAL OR AVERAGE-----	-	-	-	26	26	26	3	29	-	-	-	1,296	1,296	1,296	-	50	50
UNCLASSIFIED:																	
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION-----	-	-	5	-	5	5	-	5	-	-	9,250	-	9,250	9,250	1,850	-	1,850
ASPHYXIATION/DROWNING-----	1	-	-	-	1	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)-----	-	-	-	8	8	8	6	14	-	-	-	74	74	74	-	9	9
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	1	2	-	-	-	9	9	9	-	9	9
CONTUSION OR BRUISE-----	-	-	-	57	57	57	14	71	-	-	-	2,353	2,353	2,353	-	41	41
CUT OR PUNCTURE-----	-	-	-	72	72	72	92	164	-	-	-	901	901	901	-	13	13
DISLOCATION-----	-	-	-	3	3	3	2	5	-	-	-	334	334	334	-	111	111
DUST IN EYE-----	-	-	-	3	3	3	10	13	-	-	-	5	5	5	-	2	2
ELECTRIC SHOCK-----	-	-	-	1	1	1	1	2	-	-	-	212	212	212	-	212	212
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
FRACTURE-----	-	-	-	64	64	64	20	84	-	-	-	4,249	4,249	4,249	-	66	66
HERNIA (NOT DISC)-----	-	-	2	4	6	6	-	6	-	-	100	75	175	175	50	19	29
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	3	6	-	-	-	5	5	5	-	2	2
RADIATION/ULTRAVIOLET-----	-	-	-	1	1	1	3	4	-	-	-	4	4	4	-	4	4
SCRATCH/ABRASION-----	-	-	-	2	2	2	6	8	-	-	-	7	7	7	-	4	4
STRAIN/SPRAIN-----	-	-	-	152	152	152	38	190	-	-	-	6,533	6,533	6,533	-	43	43
MULTIPLE INJURIES-----	-	-	-	8	8	8	2	10	-	-	-	499	499	499	-	62	62
OTHER INJURY, NEC-----	-	-	-	3	3	3	1	4	-	-	-	74	74	74	-	25	25
UNCLASSIFIED (NO DATA)-----	-	-	-	25	25	25	3	28	-	-	-	2,114	2,114	2,114	-	85	85
TOTAL OR AVERAGE-----	1	-	7	409	416	417	202	619	6,000	-	9,350	17,648	26,998	32,998	1,336	43	79







TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010 (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			
DREDGE:																																				
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010 (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				
TOTAL MINING:																																					
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CALIFORNIA-----	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
IDaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LOUISIANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MISSOURI-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW YORK-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHINGTON-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	4	2	-	-	-	-	1	-	-	-	-	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OFFICE:																																					
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-		
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	-	-	-	-	-	-	-		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	-	-	-	-	-	-	-		
CALIFORNIA-----	-	-	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	22	9	-	12	2	2	-	1	-	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	3	-	1	-	-	-	-	-		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	-	-	-	-	-	-	-		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	4	2	-	1	-	1	-	-	-	-	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	1	-	-	-	-	-	-	-	-	
LOUISIANA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	1	-	-	-	-	-		
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	-	-	-	-	-	-	-	-	-	
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	-	-	3	-	-	-	1	-	-	-	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	3	-	-	-	-	-	-	-	
MISSOURI-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	3	-	-	-	-	-	-	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	-	-	-	-	-	-	-	-	-	-	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	
NEW YORK-----	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	2	-	-	-	-	-	-	-	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	1	-	2	-	-	-	-	-	-	
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5	-	-	2	-	5	-	-	-	-	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	2	-	-	-	-	-	-	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	2	-	-	-	-	-	-	
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	2	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	4	-	3	-	4	-	-	-	-	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	-	-	-	-	-	-	-	-	-	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHINGTON-----	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	-	2	-	-	-	-	-	-	-	-
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	-	-	-	-	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	1
TOTAL-----	-	4	2	-	-	-	-	1	-	-	-	-	-	1	1	-	2	-	-	-	-	-	-	-	136	77	-	56	46	-	2	-	-	1	-	

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010 (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			
GRAND TOTAL:																																	
ALABAMA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	-	-	-	-	-	-	-	-	-	5	1		
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
ARIZONA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	5	-	-	1	-	-	-	-	-	-	-	-	14	6	
ARKANSAS-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	2	-	-	13	3	
CALIFORNIA-----	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-	3	1	15	1	-	3	-	-	-	-	-	-	1	4	-	63	20	
COLORADO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	8	2	
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
FLORIDA-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3	-	-	-	-	-	-	-	-	-	-	-	-	6	1	
GEORGIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	2	
IDaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	2	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	1	-	-	-	-	-	-	-	-	-	8	4	
INDIANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	5	-	-	-	-	-	-	-	-	-	-	-	-	13	4	
IOWA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	-	-	-	-	-	-	-	-	-	-	-	6	3	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	1	-	6	3
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	1	1	-	-	1	-	-	-	-	-	-	-	7	3	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	3	1	
MARYLAND-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	2	2	1	-	-	-	-	-	-	-	-	-	-	10	1	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	-	-	-	-	-	-	-	-	-	-	-	5	1	
MICHIGAN-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	-	1	-	-	-	1	-	-	-	-	-	10	4	
MINNESOTA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	7	6	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	8	2	
MISSOURI-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4	-	-	-	-	-	-	-	-	-	-	8	7	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	
NEBRASKA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	1	1	-	-	-	-	-	-	-	1	-	-	8	6	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	5	2	
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
NEW JERSEY-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	7	-	-	1	-	-	1	-	-	1	-	-	-	17	7	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	1	-	-	-	-	-	-	-	-	-	-	6	2	
NEW YORK-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	1	-	1	-	-	-	7	8	
NORTH CAROLINA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	1	-	-	-	-	1	-	-	-	-	-	8	7	
NORTH DAKOTA-----	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	5	2	
OHIO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	-	-	-	1	-	-	-	-	-	-	16	12	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	-	-	-	-	-	-	-	-	-	11	5	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	4	2	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	1	-	-	-	-	-	-	-	-	-	-	9	5	
PUERTO RICO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	7	4	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	11	2	
TEXAS-----	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	2	4	13	5	-	-	-	-	-	-	-	-	-	-	-	33	18	
UTAH-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	1	-	-	-	-	-	-	-	-	-	-	-	9	13	
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1
WASHINGTON-----	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	15	13	
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
WISCONSIN-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	9	4	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
TOTAL-----	-	32	10	-	-	-	-	-	-	-	-	-	-	-	-	33	23	-	123	27	-	9	1	-	6	4	1	11	10	1	416	202	

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, 2010

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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	216	-	-	-	42
CALIFORNIA-----	-	-	-	-	-	152	-	-	-	-	-	-	-	-	-	-	-	1,101	-	172	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	239	-	-	-
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88	-	108	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	222	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132	-	1	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-
LOUISIANA-----	-	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	2	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93	-	2	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	176	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	197	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	8	-	-
MISSOURI-----	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	3	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	2	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	38	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	57	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	4	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	24	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	128	-	3	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	27	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	182	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	73	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	5	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	101	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	81	-	224	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	112	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	311	-	7	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	380	-	37	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	193	-	8	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
TOTAL-----	-	495	-	-	-	152	-	-	-	-	-	10	-	-	-	-	-	3,895	-	1,628	-	42



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, 2010 (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-----	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	48
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	105	-	7	-	-	-	-	-	14	-	266
ARKANSAS-----	-	3	-	-	-	-	-	-	-	-	-	41	-	-	-	-	-	-	-	54	-	356
CALIFORNIA-----	-	123	-	-	-	-	-	-	-	-	31	-	1,091	-	60	-	-	-	-	1	-	2,731
COLORADO-----	-	76	-	-	-	-	-	-	-	-	-	-	304	-	-	-	-	-	-	27	-	646
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	1	-	8	-	-	-	-	-	-	-	-	12
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	304	-	-	-	-	-	-	-	-	-	-	304
GEORGIA-----	-	5	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	118
IDaho-----	-	-	-	-	-	-	-	-	-	-	60	-	-	-	-	-	-	-	-	-	-	370
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	29	-	36	-	-	-	-	35	-	148
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	139	-	-	-	-	-	-	-	-	272
IOWA-----	-	-	-	-	-	-	-	-	-	-	53	-	-	-	-	-	-	-	-	-	-	53
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	-	59
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	249
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	217	-	-	-	-	-	-	-	-	312
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	31	-	205	-	-	-	-	-	-	-	-	288
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	1	-	282	-	-	-	-	-	-	-	-	294
MICHIGAN-----	-	5	-	-	-	-	-	-	-	-	31	-	20	-	8	-	-	-	-	-	-	240
MINNESOTA-----	-	4,500	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	4,760
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	11	-	67	-	-	-	-	-	-	-	-	107
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	55
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
NEBRASKA-----	-	68	-	-	-	-	-	-	-	-	-	-	56	-	-	-	-	-	-	-	-	126
NEVADA-----	-	-	-	-	-	-	-	-	-	-	5	-	80	-	-	-	-	-	-	-	-	125
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	73
NEW JERSEY-----	-	60	-	-	-	-	-	-	-	-	31	-	11	-	33	-	-	-	-	1	-	154
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	3	-	285	-	-	-	-	-	-	-	-	319
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	207	-	-	9	-	347
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	79
NORTH DAKOTA-----	-	82	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	265
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-	191	-	-	-	-	329
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	239	-	-	-	-	-	-	-	-	246
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	94
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	30	-	86	-	6	-	-	-	-	-	-	162
PUERTO RICO-----	-	292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	393
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	4
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	249	-	-	-	-	-	-	-	-	249
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	106	-	-	-	-	-	-	-	-	420
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	10	-	69	-	-	-	-	-	-	-	-	208
TEXAS-----	-	392	-	-	-	-	-	-	-	-	291	-	862	-	-	-	-	-	-	-	-	1,863
UTAH-----	-	45	-	-	-	-	-	-	-	-	-	-	393	-	-	-	-	-	-	-	-	478
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	80	-	-	-	-	-	-	-	-	80
WASHINGTON-----	-	197	-	-	-	-	-	-	-	-	4,525	-	222	-	-	-	-	-	-	-	-	5,640
WISCONSIN-----	-	20	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	219
WYOMING-----	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	20
TOTAL-----	-	5,868	-	-	-	-	-	-	-	-	-	5,429	-	5,376	-	150	-	398	-	145	-	23,588

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, 2010 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	8	-	9	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INDIANA-----	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	946	-	52	-	9

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, 2010 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	-	-	-	22
CALIFORNIA-----	-	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	106
FLORIDA-----	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	379
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	4	-	365	-	-	-	-	-	-	-	-	52
INDIANA-----	-	192	-	-	-	-	-	-	-	-	-	50	-	2	-	-	-	-	-	-	-	-	259
IOWA-----	-	349	-	-	-	-	-	-	-	-	-	7	-	39	-	-	-	-	-	-	-	-	356
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	215	-	-	-	-	-	-	-	-	318
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	396
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	6	-	-	-	-	51
MARYLAND-----	-	35	-	-	-	-	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	70
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50
MISSOURI-----	-	7	-	-	-	-	-	-	-	-	-	-	-	62	-	-	-	-	-	-	-	-	69
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-	-	-	-	-	42
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	14	-	237	-	-	-	1	-	-	-	-	273
NORTH CAROLINA-----	-	244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	244
OHIO-----	-	17	-	-	-	-	-	-	-	-	-	-	-	101	-	-	-	-	-	-	-	-	140
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	6,000	1	6,000	101
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	71
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-	91
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	136
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	15
TOTAL-----	-	940	-	-	-	-	-	-	-	-	-	137	-	1,086	-	15	-	54	6,000	1	6,000	3,241	

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, 2010 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140	-	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	216	-	-	-	-	42
CALIFORNIA-----	-	-	-	-	-	152	-	-	-	-	-	-	-	-	-	-	1,104	-	180	-	-	9
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	239	-	-	-
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88	-	108	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	152	-	1	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	403	-	31	-	-	-
LOUISIANA-----	-	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	2	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93	-	2	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	226	-	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	197	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	8	-	-	-
MISSOURI-----	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	3	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	2	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	2	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	38	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	57	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	4	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	24	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	128	-	3	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	27	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	182	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	75	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95	-	6	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	45	-	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	101	-	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	81	-	224	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90	-	112	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	428	-	12	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST VIRGINIA-----	-	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	380	-	37	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	193	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	8	-	-	-
TOTAL-----	-	495	-	-	-	152	-	-	-	1	-	10	-	-	-	-	4,841	-	1,680	-	-	51
OFFICE:																						
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	-	-	-	-

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, 2010 (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-----	-	-	-	-	-	-	-	-	-	-	2	-	24	-	-	-	-	-	-	-	-	70
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	105	-	7	-	-	-	-	-	14	-	266
ARKANSAS-----	-	3	-	-	-	-	-	-	-	-	-	41	-	-	-	-	-	-	54	-	-	356
CALIFORNIA-----	209	-	-	-	-	-	-	-	-	-	31	-	1,091	-	60	-	-	-	1	-	-	2,837
COLORADO-----	76	-	-	-	-	-	-	-	-	-	-	304	-	-	-	-	-	-	27	-	-	646
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	1	8	-	-	-	-	-	-	-	-	-	12
FLORIDA-----	10	-	-	-	-	-	-	-	-	-	308	-	365	-	-	-	-	-	-	-	-	683
GEORGIA-----	5	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	118
IDAHOW-----	-	-	-	-	-	-	-	-	-	-	60	-	-	-	-	-	-	-	-	-	-	370
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	50	-	31	-	36	-	-	-	-	35	-	200
INDIANA-----	192	-	-	-	-	-	-	-	-	-	7	-	178	-	-	-	-	-	-	-	-	531
IOWA-----	349	-	-	-	-	-	-	-	-	-	53	-	-	-	-	-	-	-	-	-	-	409
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	318
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	-	455
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	6	-	-	-	-	300
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	217	-	-	-	-	-	-	-	-	312
MARYLAND-----	35	-	-	-	-	-	-	-	-	-	65	-	205	-	-	-	-	-	-	-	-	358
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	1	-	282	-	-	-	-	-	-	-	-	294
MICHIGAN-----	5	-	-	-	-	-	-	-	-	-	31	-	20	-	8	-	-	-	-	-	-	290
MINNESOTA-----	4,500	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	4,760
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	11	-	67	-	-	-	-	-	-	-	-	107
MISSOURI-----	7	-	-	-	-	-	-	-	-	-	-	74	-	-	-	-	-	-	-	-	-	124
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
NEBRASKA-----	68	-	-	-	-	-	-	-	-	-	-	-	79	-	-	-	-	-	-	-	-	168
NEVADA-----	-	-	-	-	-	-	-	-	-	-	5	-	80	-	-	-	-	-	-	-	-	125
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	73
NEW JERSEY-----	60	-	-	-	-	-	-	-	-	-	45	-	248	-	33	-	1	-	1	-	-	427
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	3	-	285	-	-	-	-	-	-	-	-	319
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	207	-	9	-	-	347
NORTH CAROLINA-----	244	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	323
NORTH DAKOTA-----	82	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	265
OHIO-----	17	-	-	-	-	-	-	-	-	-	-	-	147	-	-	-	191	-	-	-	-	469
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	245	-	-	-	-	6,000	1	6,000	-	347
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	94
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	30	-	86	-	6	-	44	-	-	-	-	233
PUERTO RICO-----	292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	393
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	4
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	249	-	-	-	-	-	-	-	-	249
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	106	-	-	-	-	-	-	-	-	420
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	28	69	-	-	-	-	-	-	-	-	299
TEXAS-----	392	-	-	-	-	-	-	-	-	-	291	-	876	-	-	-	-	-	-	-	-	1,999
UTAH-----	45	-	-	-	-	-	-	-	-	-	-	-	393	-	-	-	-	-	-	-	-	478
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	80	-	-	-	-	-	-	-	-	-	80
WASHINGTON-----	197	-	-	-	-	-	-	-	-	-	4,525	-	222	-	-	-	-	-	-	-	-	5,640
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	15
WISCONSIN-----	20	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	219
WYOMING-----	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	20
TOTAL-----	6,808	-	-	-	-	-	-	-	-	-	5,566	-	6,462	-	165	-	452	6,000	146	6,000	26,829	
OFFICE:																						
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	-	36
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	-	-	-	-	-	75
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	111	-	-	-	-	-	-	-	-	169

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, 2010 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140	-	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	216	-	-	-	-	42
CALIFORNIA-----	-	-	-	-	-	152	-	-	-	-	-	-	-	-	-	-	1,104	-	180	-	-	9
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	239	-	-	-
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	152	-	1	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	403	-	31	-	-	-
LOUISIANA-----	-	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	2	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93	-	2	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	226	-	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	197	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	8	-	-	-
MISSOURI-----	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	3	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	2	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	2	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	38	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	57	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	4	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	24	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	128	-	3	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	27	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	182	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	75	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95	-	6	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	45	-	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	101	-	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	81	-	224	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90	-	112	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	428	-	12	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	380	-	37	-	-	-
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	193	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	8	-	-	-
TOTAL-----	-	495	-	-	-	152	-	-	-	1	-	10	-	-	-	-	4,899	-	1,680	-	-	51

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, 2010 (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-----	-	-	-	-	-	-	-	-	-	-	2	-	24	-	-	-	-	-	-	-	-	70
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	105	-	7	-	-	-	-	14	-	266
ARKANSAS-----	-	3	-	-	-	-	-	-	-	-	-	-	41	-	-	-	-	-	54	-	-	356
CALIFORNIA-----	209	-	-	-	-	-	-	-	-	-	31	-	1,091	-	60	-	-	-	1	-	-	2,837
COLORADO-----	76	-	-	-	-	-	-	-	-	-	-	-	304	-	-	-	-	-	27	-	-	646
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	1	-	8	-	-	-	-	-	-	-	-	12
FLORIDA-----	10	-	-	-	-	-	-	-	-	-	-	-	365	-	-	-	-	-	-	-	-	683
GEORGIA-----	5	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	118
IDAHO-----	-	-	-	-	-	-	-	-	-	-	60	-	-	-	-	-	-	-	-	-	-	370
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	50	-	31	-	36	-	-	-	35	-	-	200
INDIANA-----	192	-	-	-	-	-	-	-	-	-	7	-	178	-	-	-	-	-	-	-	-	531
IOWA-----	349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	457
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	318
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	-	455
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	6	-	-	-	-	300
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	217	-	-	-	-	-	-	-	-	312
MARYLAND-----	35	-	-	-	-	-	-	-	-	-	65	-	205	-	-	-	-	-	-	-	-	358
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	1	-	282	-	-	-	-	-	-	-	-	294
MICHIGAN-----	5	-	-	-	-	-	-	-	-	-	31	-	20	-	8	-	-	-	-	-	-	290
MINNESOTA-----	4,500	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	4,760
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	11	-	67	-	-	-	-	-	-	-	-	107
MISSOURI-----	7	-	-	-	-	-	-	-	-	-	-	-	74	-	-	-	-	-	-	-	-	124
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
NEBRASKA-----	68	-	-	-	-	-	-	-	-	-	-	-	79	-	-	-	-	-	-	-	-	168
NEVADA-----	-	-	-	-	-	-	-	-	-	-	5	-	80	-	-	-	-	-	-	-	-	125
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	73
NEW JERSEY-----	60	-	-	-	-	-	-	-	-	-	-	-	45	-	33	-	-	-	-	-	-	437
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	3	-	285	-	-	-	1	-	1	-	-	319
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	207	-	9	-	-	347
NORTH CAROLINA-----	244	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	323
NORTH DAKOTA-----	82	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	265
OHIO-----	17	-	-	-	-	-	-	-	-	-	-	-	147	-	-	-	191	-	-	-	-	469
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	245	-	-	-	-	6,000	1	6,000	-	347
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	94
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	30	-	86	-	6	-	44	-	-	-	-	233
PUERTO RICO-----	292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	393
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	4
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	285	-	-	-	-	-	-	-	-	285
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	106	-	-	-	-	-	-	-	-	420
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	-	-	-	-	-	299
TEXAS-----	392	-	-	-	-	-	-	-	-	-	291	-	951	-	-	-	-	-	-	-	-	2,074
UTAH-----	45	-	-	-	-	-	-	-	-	-	-	-	393	-	-	-	-	-	-	-	-	478
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	80	-	-	-	-	-	-	-	-	80
WASHINGTON-----	197	-	-	-	-	-	-	-	-	-	4,525	-	222	-	-	-	-	-	-	-	-	5,640
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	15
WISCONSIN-----	20	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	219
WYOMING-----	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	20
TOTAL-----	6,808	-	-	-	-	-	-	-	-	-	-	5,566	6,573	165	452	6,000	146	6,000	146	6,000	26,998	

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, 2010

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
<b>SURFACE MINES:</b>																
OPEN PIT:																
BELTMAN/BOOM OPR.-----	-	-	-	1	1	1	-	1	-	-	7	7	7	-	7	7
BULLDOZER/MOBILE EQUIP.---	-	-	-	49	49	49	20	69	-	-	1,544	1,544	1,544	-	32	32
CAR DUMP/GRIZZLY/SCREEN---	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
DRAG/CRANE/SHOVEL OPR.---	-	-	-	5	5	5	1	6	-	-	282	282	282	-	56	56
DREDGE/BARGE/BOAT-----	-	-	-	2	2	2	1	3	-	-	200	200	200	-	100	100
DRI LL OPERATOR-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-
ELECTRICIAN-----	-	-	-	2	2	2	1	3	-	-	51	51	51	-	26	26
FRONT END LOADER-----	-	-	2	28	30	30	10	40	-	9,000	1,361	10,361	10,361	4,500	49	345
LABORER-----	-	-	-	59	59	59	20	79	-	-	2,124	2,124	2,124	-	36	36
MECHANIC/MAINTENANCE-----	-	-	-	62	62	62	28	90	-	-	2,469	2,469	2,469	-	40	40
MINER-----	-	-	-	24	24	24	15	39	-	-	1,105	1,105	1,105	-	46	46
PREP. PLANT OPR.-----	-	-	2	32	34	34	21	55	-	150	1,618	1,768	1,768	75	51	52
SUPERVISOR/FOREMAN-----	-	-	1	25	26	26	31	57	-	50	1,410	1,460	1,460	50	56	56
TECH./PROF./CLERICAL-----	-	-	-	2	2	2	3	5	-	-	46	46	46	-	23	23
TRUCK DRIVER-----	-	-	-	23	23	23	8	31	-	-	1,467	1,467	1,467	-	64	64
WELDER/MACHINIST-----	-	-	-	14	14	14	5	19	-	-	704	704	704	-	50	50
TOTAL OR AVERAGE-----	-	-	5	328	333	333	167	500	-	-	9,200	14,388	23,588	1,840	44	71
<b>DREDGE:</b>																
BELTMAN/BOOM OPR.-----	-	-	-	1	1	1	-	1	-	-	86	86	86	-	86	86
BULLDOZER/MOBILE EQUIP.---	-	-	-	2	2	2	2	4	-	-	17	17	17	-	8	8
DRAG/CRANE/SHOVEL OPR.---	-	-	-	1	1	1	-	1	-	-	45	45	45	-	45	45
DREDGE/BARGE/BOAT-----	1	-	1	10	11	12	8	20	6,000	100	521	621	6,621	100	52	552
FRONT END LOADER-----	-	-	-	8	8	8	-	8	-	-	229	229	229	-	29	29
LABORER-----	-	-	-	13	13	13	7	20	-	-	413	413	413	-	32	32
MECHANIC/MAINTENANCE-----	-	-	1	9	10	10	3	13	-	50	193	243	243	50	21	24
MINER-----	-	-	-	8	8	8	1	9	-	-	230	230	230	-	29	29
PREP. PLANT OPR.-----	-	-	-	10	10	10	3	13	-	-	529	529	529	-	53	53
SUPERVISOR/FOREMAN-----	-	-	-	3	3	3	4	7	-	-	80	80	80	-	27	27
TECH./PROF./CLERICAL-----	-	-	-	1	1	1	1	1	-	-	4	4	4	-	4	4
TRUCK DRIVER-----	-	-	-	4	4	4	2	6	-	-	70	70	70	-	18	18
WELDER/MACHINIST-----	-	-	-	5	5	5	5	10	-	-	410	410	410	-	82	82
N. E. C. OR UNKNOWN-----	-	-	-	2	2	2	-	2	-	-	264	264	264	-	132	132
TOTAL OR AVERAGE-----	1	-	2	77	79	80	35	115	6,000	150	3,091	3,241	9,241	75	40	116



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, 2010 (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						
<b>TOTAL OR AVERAGE, MINING:</b>																	
BELTMAN/BOOM OPR.-----	-	-	-	2	2	2	-	2	-	-	-	93	93	93	-	46	46
BULLDOZER/MOBILE EQUIP.---	-	-	-	51	51	51	22	73	-	-	-	1,561	1,561	1,561	-	31	31
CAR DUMP/GRIZZLY/SCREEN---	-	-	-	-	-	-	1	7	-	-	-	-	-	-	-	-	-
DRAG/CRANE/SHOVEL OPR.---	-	-	-	6	6	6	1	7	-	-	-	327	327	327	-	54	54
DREDGE/BARGE/BOAT-----	1	-	1	12	13	14	9	23	6,000	-	100	721	821	6,821	100	60	487
DRI LL OPERATOR-----	-	-	-	2	2	2	2	3	-	-	-	-	-	-	-	-	-
ELECTRICIAN-----	-	-	-	2	2	2	1	3	-	-	-	51	51	51	-	26	26
FRONT END LOADER-----	-	-	2	36	38	38	10	48	-	-	9,000	1,590	10,590	10,590	4,500	44	279
LABORER-----	-	-	-	72	72	72	27	99	-	-	-	2,537	2,537	2,537	-	35	35
MECHANIC/MAINTENANCE---	-	-	1	71	72	72	31	103	-	-	50	2,662	2,712	2,712	50	37	38
MINE R-----	-	-	-	32	32	32	16	48	-	-	-	1,335	1,335	1,335	-	42	42
PREP. PLANT OPR.-----	-	-	2	42	44	44	24	68	-	-	150	2,147	2,297	2,297	75	51	52
SUPERVISOR/FOREMAN-----	-	-	1	28	29	29	35	64	-	-	50	1,490	1,540	1,540	50	53	53
TECH./PROF./CLERICAL---	-	-	-	3	3	3	3	6	-	-	-	50	50	50	-	17	17
TRUCK DRIVER-----	-	-	-	27	27	27	10	37	-	-	-	1,537	1,537	1,537	-	57	57
WELDER/MACHINIST-----	-	-	-	19	19	19	10	29	-	-	-	1,114	1,114	1,114	-	59	59
N. E. C. OR UNKNOWN-----	-	-	-	2	2	2	-	2	-	-	-	264	264	264	-	132	132
<b>TOTAL OR AVERAGE-----</b>	<b>1</b>	<b>-</b>	<b>7</b>	<b>405</b>	<b>412</b>	<b>413</b>	<b>202</b>	<b>615</b>	<b>6,000</b>	<b>-</b>	<b>9,350</b>	<b>17,479</b>	<b>26,829</b>	<b>32,829</b>	<b>1,336</b>	<b>43</b>	<b>79</b>
<b>OFFICE:</b>																	
BULLDOZER/MOBILE EQUIP.---	-	-	-	1	1	1	-	1	-	-	-	75	75	75	-	75	75
MECHANIC/MAINTENANCE---	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
SUPERVISOR/FOREMAN-----	-	-	-	1	1	1	-	1	-	-	-	36	36	36	-	36	36
TECH./PROF./CLERICAL---	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
<b>TOTAL OR AVERAGE-----</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>-</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>169</b>	<b>169</b>	<b>169</b>	<b>-</b>	<b>42</b>	<b>42</b>
<b>GRAND TOTAL OR AVERAGE:</b>																	
BELTMAN/BOOM OPR.-----	-	-	-	2	2	2	-	2	-	-	-	93	93	93	-	46	46
BULLDOZER/MOBILE EQUIP.---	-	-	-	52	52	52	22	74	-	-	-	1,636	1,636	1,636	-	31	31
CAR DUMP/GRIZZLY/SCREEN---	-	-	-	-	-	-	1	7	-	-	-	-	-	-	-	-	-
DRAG/CRANE/SHOVEL OPR.---	-	-	-	6	6	6	1	7	-	-	-	327	327	327	-	54	54
DREDGE/BARGE/BOAT-----	1	-	1	12	13	14	9	23	6,000	-	100	721	821	6,821	100	60	487
DRI LL OPERATOR-----	-	-	-	2	2	2	2	3	-	-	-	-	-	-	-	-	-
ELECTRICIAN-----	-	-	-	2	2	2	1	3	-	-	-	51	51	51	-	26	26
FRONT END LOADER-----	-	-	2	36	38	38	10	48	-	-	9,000	1,590	10,590	10,590	4,500	44	279
LABORER-----	-	-	-	72	72	72	27	99	-	-	-	2,537	2,537	2,537	-	35	35
MECHANIC/MAINTENANCE---	-	-	1	72	73	73	31	104	-	-	50	2,710	2,760	2,760	50	38	38
MINE R-----	-	-	-	32	32	32	16	48	-	-	-	1,335	1,335	1,335	-	42	42
PREP. PLANT OPR.-----	-	-	2	42	44	44	24	68	-	-	150	2,147	2,297	2,297	75	51	52
SUPERVISOR/FOREMAN-----	-	-	1	29	30	30	35	65	-	-	50	1,526	1,576	1,576	50	53	53
TECH./PROF./CLERICAL---	-	-	-	4	4	4	3	7	-	-	-	60	60	60	-	15	15
TRUCK DRIVER-----	-	-	-	27	27	27	10	37	-	-	-	1,537	1,537	1,537	-	57	57
WELDER/MACHINIST-----	-	-	-	19	19	19	10	29	-	-	-	1,114	1,114	1,114	-	59	59
N. E. C. OR UNKNOWN-----	-	-	-	2	2	2	-	2	-	-	-	264	264	264	-	132	132
<b>TOTAL OR AVERAGE-----</b>	<b>1</b>	<b>-</b>	<b>7</b>	<b>409</b>	<b>416</b>	<b>417</b>	<b>202</b>	<b>619</b>	<b>6,000</b>	<b>-</b>	<b>9,350</b>	<b>17,648</b>	<b>26,998</b>	<b>32,998</b>	<b>1,336</b>	<b>43</b>	<b>79</b>

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, 2010

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
<b>SURFACE MINES:</b>																	
OPEN PIT:																	
ELECTRICAL-----	-	-	-	4	4	4	2	6	-	-	-	495	495	495	-	124	124
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	2	2	2	-	2	-	-	-	10	10	10	-	5	5
HANDLING MATERIAL-----	-	-	3	106	109	109	69	178	-	-	200	3,695	3,895	3,895	67	35	36
HAND TOOL-----	-	-	-	50	50	50	34	84	-	-	-	1,628	1,628	1,628	-	33	33
NONPOWERED HAULAGE-----	-	-	-	1	1	1	1	2	-	-	-	42	42	42	-	42	42
POWERED HAULAGE-----	-	-	1	23	24	24	8	32	-	-	4,500	1,368	5,868	4,500	59	244	244
MACHINERY-----	-	-	1	24	25	25	19	44	-	-	4,500	929	5,429	4,500	39	217	217
SLIP OR FALL OF PERSON-----	-	-	-	97	97	97	19	116	-	-	-	5,376	5,376	5,376	-	55	55
STEPPING OR KNEELING ON OBJECT-----	-	-	-	8	8	8	1	9	-	-	-	150	150	150	-	19	19
STRIKING OR BUMPING-----	-	-	-	2	2	2	4	6	-	-	-	398	398	398	-	199	199
OTHER INJURIES-----	-	-	-	10	10	10	9	19	-	-	-	145	145	145	-	14	14
TOTAL OR AVERAGE-----	-	-	5	328	333	333	167	500	-	-	9,200	14,388	23,588	23,588	1,840	44	71
<b>DREDGE:</b>																	
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
HANDLING MATERIAL-----	-	-	1	24	25	25	8	33	-	-	100	846	946	946	100	35	38
HAND TOOL-----	-	-	-	6	6	6	12	18	-	-	-	52	52	52	-	9	9
NONPOWERED HAULAGE-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
POWERED HAULAGE-----	-	-	-	8	8	8	2	10	-	-	-	940	940	940	-	118	118
MACHINERY-----	-	-	1	7	8	8	4	12	-	-	50	87	137	137	50	12	17
SLIP OR FALL OF PERSON-----	-	-	-	24	24	24	8	32	-	-	-	1,086	1,086	1,086	-	45	45
STEPPING OR KNEELING ON OBJECT-----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
STRIKING OR BUMPING-----	-	-	-	4	4	4	-	4	-	-	-	54	54	54	-	14	14
OTHER INJURIES-----	1	-	-	1	1	2	1	3	6,000	-	-	1	1	6,001	-	1	3,000
TOTAL OR AVERAGE-----	1	-	2	77	79	80	35	115	6,000	-	150	3,091	3,241	9,241	75	40	116

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, 2010 (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						
<b>TOTAL OR AVERAGE, MINING:</b>																	
ELECTRICAL-----	-	-	-	4	4	4	2	6	-	-	-	495	495	495	-	124	124
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	2	2	2	-	2	-	-	-	10	10	10	-	5	5
HANDLING MATERIAL-----	-	-	4	130	134	134	77	211	-	-	300	4,541	4,841	4,841	75	35	36
HAND TOOL-----	-	-	-	56	56	56	46	102	-	-	-	1,680	1,680	1,680	-	30	30
NONPOWERED HAULAGE-----	-	-	-	2	2	2	1	3	-	-	-	51	51	51	-	26	26
POWERED HAULAGE-----	-	-	1	31	32	32	10	42	-	-	4,500	2,308	6,808	4,500	74	213	
MACHINERY-----	-	-	2	31	33	33	23	56	-	-	4,550	1,016	5,566	5,566	2,275	33	169
SLIP OR FALL OF PERSON-----	-	-	-	121	121	121	27	148	-	-	-	6,462	6,462	6,462	-	53	53
STEPPING OR KNEELING ON OBJECT-----	-	-	-	9	9	9	1	10	-	-	-	165	165	165	-	18	18
STRIKING OR BUMPING-----	-	-	-	6	6	6	4	10	-	-	-	452	452	452	-	75	75
OTHER INJURIES-----	1	-	-	11	11	12	10	22	6,000	-	-	146	146	6,146	-	13	512
<b>TOTAL OR AVERAGE-----</b>	<b>1</b>	<b>-</b>	<b>7</b>	<b>405</b>	<b>412</b>	<b>413</b>	<b>202</b>	<b>615</b>	<b>6,000</b>	<b>-</b>	<b>9,350</b>	<b>17,479</b>	<b>26,829</b>	<b>32,829</b>	<b>1,336</b>	<b>43</b>	<b>79</b>
<b>OFFICE:</b>																	
HANDLING MATERIAL-----	-	-	-	2	2	2	-	2	-	-	-	58	58	58	-	29	29
SLIP OR FALL OF PERSON-----	-	-	-	2	2	2	-	2	-	-	-	111	111	111	-	56	56
<b>TOTAL OR AVERAGE-----</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>-</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>169</b>	<b>169</b>	<b>169</b>	<b>-</b>	<b>42</b>	<b>42</b>
<b>GRAND TOTAL OR AVERAGE:</b>																	
ELECTRICAL-----	-	-	-	4	4	4	2	6	-	-	-	495	495	495	-	124	124
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	2	2	2	-	2	-	-	-	10	10	10	-	5	5
HANDLING MATERIAL-----	-	-	4	132	136	136	77	213	-	-	300	4,599	4,899	4,899	75	35	36
HAND TOOL-----	-	-	-	56	56	56	46	102	-	-	-	1,680	1,680	1,680	-	30	30
NONPOWERED HAULAGE-----	-	-	-	2	2	2	1	3	-	-	-	51	51	51	-	26	26
POWERED HAULAGE-----	-	-	1	31	32	32	10	42	-	-	4,500	2,308	6,808	4,500	74	213	
MACHINERY-----	-	-	2	31	33	33	23	56	-	-	4,550	1,016	5,566	5,566	2,275	33	169
SLIP OR FALL OF PERSON-----	-	-	-	123	123	123	27	150	-	-	-	6,573	6,573	6,573	-	53	53
STEPPING OR KNEELING ON OBJECT-----	-	-	-	9	9	9	1	10	-	-	-	165	165	165	-	18	18
STRIKING OR BUMPING-----	-	-	-	6	6	6	4	10	-	-	-	452	452	452	-	75	75
OTHER INJURIES-----	1	-	-	11	11	12	10	22	6,000	-	-	146	146	6,146	-	13	512
<b>TOTAL OR AVERAGE-----</b>	<b>1</b>	<b>-</b>	<b>7</b>	<b>409</b>	<b>416</b>	<b>417</b>	<b>202</b>	<b>619</b>	<b>6,000</b>	<b>-</b>	<b>9,350</b>	<b>17,648</b>	<b>26,998</b>	<b>32,998</b>	<b>1,336</b>	<b>43</b>	<b>79</b>

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, 2010

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						
ELECTRICAL:																	
EYE-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
FOREARM-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HAND-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
BACK-----	-	-	-	1	1	1	-	1	-	-	-	231	231	231	-	231	231
BODY SYSTEMS-----	-	-	-	1	1	1	1	2	-	-	-	212	212	212	-	212	212
TOTAL OR AVERAGE-----	-	-	-	4	4	4	2	6	-	-	-	495	495	495	-	124	124
EXPLODING VESSEL UNDER PRESSURE:																	
CHEST-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152
FALLING, ROLLING, OR SLIDING MATERIAL:																	
EYE-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
FALL OF FACE, RIB, SIDE OR HIGHWALL:																	
SCALP-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
HEAD, NEC-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	10	10	10	-	5	5



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, 2010 (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						
<b>NONPOWERED HAULAGE:</b>																	
BACK-----	-	-	-	1	1	1	-	1	-	-	-	42	42	42	-	42	42
CHEST-----	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-
TRUNK, NEC-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	51	51	51	-	26	26
<b>POWERED HAULAGE:</b>																	
FACE, NEC-----	-	-	-	1	1	1	1	2	-	-	-	35	35	35	-	35	35
HEAD, NEC-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
NECK-----	-	-	-	1	1	1	-	1	-	-	-	349	349	349	-	349	349
UPPER ARM-----	-	-	-	2	2	2	-	2	-	-	-	113	113	113	-	56	56
FOREARM-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
HAND-----	-	-	-	2	2	2	2	4	-	-	-	98	98	98	-	49	49
FINGER(S)-----	-	-	-	2	2	2	1	4	-	-	-	23	4,523	4,523	4,500	12	1,508
UPPER EXTREMITIES, NEC-----	-	-	1	2	3	3	1	4	-	4,500	-	68	68	68	-	68	68
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	-	640	640	640	-	71	71
BACK-----	-	-	-	9	9	9	3	12	-	-	-	36	36	36	-	36	36
CHEST-----	-	-	-	1	1	1	-	1	-	-	-	34	34	34	-	34	34
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	196	196	196	-	196	196
TRUNK, NEC-----	-	-	-	2	2	2	-	2	-	-	-	265	265	265	-	132	132
KNEE-----	-	-	-	2	2	2	-	2	-	-	-	320	320	320	-	160	160
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	-	102	102	102	-	102	102
ANKLE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
LOWER EXTREMITIES, NEC-----	-	-	-	3	3	3	-	3	-	-	-	17	17	17	-	6	6
MULTIPLE PARTS OF BODY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	1	31	32	32	10	42	-	-	4,500	2,308	6,808	6,808	4,500	74	213
<b>MACHINERY:</b>																	
EAR-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
EYE-----	-	-	-	4	4	4	8	12	-	-	-	23	23	23	-	6	6
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NECK-----	-	-	-	1	1	1	1	1	-	-	-	7	7	7	-	7	7
FOREARM-----	-	-	-	3	3	3	2	5	-	-	-	54	54	54	-	18	18
HAND-----	-	-	-	6	7	7	6	13	-	-	50	155	205	205	50	26	29
FINGER(S)-----	-	-	1	2	3	3	1	4	-	4,500	-	54	4,554	4,554	4,500	27	1,518
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ABDOMEN-----	-	-	-	3	3	3	1	4	-	-	-	76	76	76	-	25	25
BACK-----	-	-	-	1	1	1	-	1	-	-	-	206	206	206	-	206	206
TRUNK, NEC-----	-	-	-	2	2	2	-	2	-	-	-	9	9	9	-	9	9
THIGH-----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	8	8
KNEE-----	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	8	8
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
FOOT-----	-	-	-	2	2	2	-	2	-	-	-	84	84	84	-	42	42
TOE(S)-----	-	-	-	1	1	1	1	2	-	-	-	8	8	8	-	8	8
LOWER EXTREMITIES, NEC-----	-	-	-	2	2	2	-	2	-	-	-	309	309	309	-	154	154
MULTIPLE PARTS OF BODY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	2	31	33	33	23	56	-	-	4,550	1,016	5,566	5,566	2,275	33	169

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, 2010 (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						
SLIP OR FALL OF PERSON:																	
HEAD, NEC-----	-	-	-	6	6	6	3	9	-	-	-	63	63	63	-	10	10
NECK-----	-	-	-	2	2	2	2	4	-	-	-	201	201	201	-	100	100
UPPER ARM-----	-	-	-	1	1	1	-	1	-	-	-	92	92	92	-	92	92
ELBOW-----	-	-	-	2	2	2	1	3	-	-	-	54	54	54	-	27	27
FOREARM-----	-	-	-	1	1	1	1	2	-	-	-	4	4	4	-	4	4
WRIST-----	-	-	-	7	7	7	1	8	-	-	-	397	397	397	-	57	57
HAND-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FINGER(S)-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
UPPER EXTREMITIES, NEC----	-	-	-	3	3	3	-	3	-	-	-	361	361	361	-	120	120
BACK-----	-	-	-	10	10	10	2	12	-	-	-	273	273	273	-	27	27
CHEST-----	-	-	-	6	6	6	2	8	-	-	-	152	152	152	-	25	25
PELVIC REGION-----	-	-	-	4	4	4	-	4	-	-	-	135	135	135	-	34	34
SHOULDER(S)-----	-	-	-	14	14	14	1	15	-	-	-	1,141	1,141	1,141	-	82	82
TRUNK, NEC-----	-	-	-	3	3	3	1	4	-	-	-	196	196	196	-	65	65
THIGH-----	-	-	-	2	2	2	-	2	-	-	-	83	83	83	-	42	42
KNEE-----	-	-	-	17	17	17	4	21	-	-	-	1,307	1,307	1,307	-	77	77
LOWER LEG-----	-	-	-	4	4	4	1	5	-	-	-	103	103	103	-	26	26
ANKLE-----	-	-	-	18	18	18	1	19	-	-	-	820	820	820	-	46	46
FOOT-----	-	-	-	3	3	3	1	4	-	-	-	211	211	211	-	70	70
LOWER EXTREMITIES, NEC----	-	-	-	3	3	3	1	4	-	-	-	123	123	123	-	41	41
MULTIPLE PARTS OF BODY----	-	-	-	17	17	17	2	19	-	-	-	857	857	857	-	50	50
TOTAL OR AVERAGE-----	-	-	-	123	123	123	27	150	-	-	-	6,573	6,573	6,573	-	53	53
STEPPING OR KNEELING ON OBJECT:																	
KNEE-----	-	-	-	2	2	2	1	3	-	-	-	66	66	66	-	33	33
ANKLE-----	-	-	-	6	6	6	-	6	-	-	-	93	93	93	-	16	16
LOWER EXTREMITIES, NEC----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE-----	-	-	-	9	9	9	1	10	-	-	-	165	165	165	-	18	18
STRIKING OR BUMPING:																	
HEAD, NEC-----	-	-	-	1	1	1	3	4	-	-	-	1	1	1	-	1	1
NECK-----	-	-	-	2	2	2	-	2	-	-	-	251	251	251	-	126	126
FINGER(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CHEST-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	191	191	191	-	191	191
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE-----	-	-	-	6	6	6	4	10	-	-	-	452	452	452	-	75	75

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, 2010 (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-----	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-
HAND-----	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-
BACK-----	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-	-	-
SHOULDER(S)-----	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-
KNEE-----	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-
LOWER LEG-----	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-
BODY SYSTEMS-----	1	-	-	3	3	4	3	7	6,000	-	-	-	-	-	-	-	-
UNCLASSIFIED-----	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	1	-	-	11	11	12	10	22	6,000	-	-	146	146	6,146	-	13	512
TOTAL OR AVERAGE:																	
EAR-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
EYE-----	-	-	-	11	11	11	25	36	-	-	-	99	99	99	-	9	9
JAW-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	4	4	4	3	7	-	-	-	77	77	77	-	19	19
SCALP-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
FACE, NEC-----	-	-	-	2	2	2	4	6	-	-	-	39	39	39	-	20	20
HEAD, NEC-----	-	-	-	15	15	15	11	26	-	-	-	100	100	100	-	7	7
NECK-----	-	-	-	5	5	5	4	9	-	-	-	457	457	457	-	91	91
UPPER ARM-----	-	-	-	4	4	4	1	5	-	-	-	480	480	480	-	120	120
ELBOW-----	-	-	-	10	10	10	2	12	-	-	-	507	507	507	-	51	51
FOREARM-----	-	-	-	6	6	6	7	13	-	-	-	147	147	147	-	24	24
WRIST-----	-	-	-	10	10	10	5	15	-	-	-	497	497	497	-	50	50
HAND-----	-	-	-	13	13	13	10	23	-	-	-	165	165	165	-	13	13
FINGER(S)-----	-	-	-	3	60	63	55	118	-	-	-	1,692	1,942	1,942	83	28	31
UPPER EXTREMITIES, NEC-----	-	-	2	11	13	13	4	17	250	9,000	1,500	9,500	9,500	4,500	45	731	
ABDOMEN-----	-	-	-	2	2	2	3	5	-	-	-	73	73	73	-	36	36
BACK-----	-	-	-	60	60	60	14	74	-	-	-	3,256	3,256	3,256	-	54	54
CHEST-----	-	-	-	10	10	10	3	13	-	-	-	359	359	359	-	36	36
PELVIC REGION-----	-	-	2	11	13	13	1	14	-	-	100	249	349	349	50	23	27
SHOULDER(S)-----	-	-	-	30	30	30	7	37	-	-	-	1,935	1,935	1,935	-	64	64
TRUNK, NEC-----	-	-	-	7	7	7	1	8	-	-	-	788	788	788	-	113	113
THIGH-----	-	-	-	6	6	6	8	14	-	-	-	153	153	153	-	26	26
KNEE-----	-	-	-	39	39	39	9	48	-	-	-	2,220	2,220	2,220	-	57	57
LOWER LEG-----	-	-	-	13	13	13	4	17	-	-	-	618	618	618	-	48	48
ANKLE-----	-	-	-	27	27	27	1	28	-	-	-	1,111	1,111	1,111	-	41	41
FOOT-----	-	-	-	12	12	12	4	16	-	-	-	368	368	368	-	31	31
TOE(S)-----	-	-	-	2	2	2	2	2	-	-	-	84	84	84	-	42	42
LOWER EXTREMITIES, NEC-----	-	-	-	7	7	7	5	12	-	-	-	151	151	151	-	22	22
BODY SYSTEMS-----	1	-	-	4	4	5	4	9	6,000	-	-	217	217	6,217	-	54	1,243
MULTIPLE PARTS OF BODY-----	-	-	-	26	26	26	3	29	-	-	-	1,296	1,296	1,296	-	50	50
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
TOTAL OR AVERAGE-----	1	-	7	409	416	417	202	619	6,000	-	9,350	17,648	26,998	32,998	1,336	43	79



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, 2010

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						
ELECTRICAL:																	
ELECTRIC SHOCK-----	-	-	-	1	1	1	1	2	-	-	-	212	212	212	-	212	212
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
RADIATION/ULTRA VIOLET-----	-	-	-	1	1	1	1	2	-	-	-	4	4	4	-	4	4
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	231	231	231	-	231	231
TOTAL OR AVERAGE-----	-	-	-	4	4	4	2	6	-	-	-	495	495	495	-	124	124
EXPLODING VESSEL UNDER PRESSURE:																	
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152
FALLING, ROLLING, OR SLIDING MATERIAL:																	
DUST IN EYE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
FALL OF FACE, RIB, SIDE OR HIGHWALL:																	
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	10	10	10	-	5	5
HANDLING MATERIAL:																	
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	200	-	200	200	100	-	100
BURN/SCALD (NOT CHEM.)-----	-	-	-	3	3	3	3	6	-	-	-	48	48	48	-	16	16
CONTUSION OR BRUISE-----	-	-	-	16	16	16	5	21	-	-	-	467	467	467	-	29	29
CUT OR PUNCTURE-----	-	-	-	25	25	25	28	53	-	-	-	386	386	386	-	15	15
DISLOCATION-----	-	-	-	1	1	1	1	2	-	-	-	39	39	39	-	39	39
DUST IN EYE-----	-	-	-	1	1	1	5	6	-	-	-	3	3	3	-	3	3
FRACTURE-----	-	-	-	15	15	15	12	27	-	-	-	664	664	664	-	44	44
HERNIA (NOT DISC)-----	-	-	-	3	5	5	-	5	-	-	-	38	138	138	50	13	28
SCRATCH/ABRASION-----	-	-	-	2	2	2	2	4	-	-	-	7	7	7	-	4	4
STRAIN/SPRAIN-----	-	-	-	54	54	54	19	73	-	-	-	1,822	1,822	1,822	-	34	34
MULTIPLE INJURIES-----	-	-	-	2	2	2	2	4	-	-	-	110	110	110	-	55	55
UNCLASSIFIED (NO DATA)-----	-	-	-	10	10	10	-	10	-	-	-	1,015	1,015	1,015	-	102	102
TOTAL OR AVERAGE-----	-	-	4	132	136	136	77	213	-	-	300	4,599	4,899	4,899	75	35	36

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, 2010 (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						
<b>HAND TOOL:</b>																	
CONTUSION OR BRUISE-----	-	-	-	9	9	9	2	11	-	-	-	201	201	201	-	22	22
CUT OR PUNCTURE-----	-	-	-	23	23	23	39	62	-	-	-	160	160	160	-	7	7
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	91	91	91	-	91	91
FRACTURE-----	-	-	-	5	5	5	3	8	-	-	-	111	111	111	-	22	22
STRAIN/SPRAIN-----	-	-	-	14	14	14	2	16	-	-	-	877	877	877	-	63	63
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	57	57	57	-	57	57
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	-	2	-	-	-	181	181	181	-	90	90
TOTAL OR AVERAGE-----	-	-	-	56	56	56	46	102	-	-	-	1,680	1,680	1,680	-	30	30
<b>NONPOWERED HAULAGE:</b>																	
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	51	51	51	-	26	26
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	51	51	51	-	26	26
<b>POWERED HAULAGE:</b>																	
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	4,500	-	4,500	4,500	4,500	-	4,500
CONTUSION OR BRUISE-----	-	-	-	8	8	8	1	9	-	-	-	466	466	466	-	58	58
CUT OR PUNCTURE-----	-	-	-	2	2	2	5	7	-	-	-	73	73	73	-	36	36
FRACTURE-----	-	-	-	7	7	7	1	8	-	-	-	767	767	767	-	110	110
STRAIN/SPRAIN-----	-	-	-	10	10	10	2	12	-	-	-	572	572	572	-	57	57
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	1	4	-	-	-	420	420	420	-	140	140
TOTAL OR AVERAGE-----	-	-	1	31	32	32	10	42	-	-	4,500	2,308	6,808	6,808	4,500	74	213
<b>MACHINERY:</b>																	
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	4,550	-	4,550	4,550	2,275	-	2,275
BURN/SCALD (NOT CHEM.)-----	-	-	-	5	5	5	3	8	-	-	-	26	26	26	-	5	5
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	73	73	73	-	36	36
CUT OR PUNCTURE-----	-	-	-	12	12	12	8	20	-	-	-	190	190	190	-	16	16
DUST IN EYE-----	-	-	-	1	1	1	4	5	-	-	-	1	1	1	-	1	1
FRACTURE-----	-	-	-	6	6	6	2	8	-	-	-	332	332	332	-	55	55
RADIATION/ULTRAVIOLET-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	2	2	2	2	4	-	-	-	65	65	65	-	32	32
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	304	304	304	-	304	304
OTHER INJURY, NEC-----	-	-	-	1	1	1	1	2	-	-	-	14	14	14	-	14	14
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11
TOTAL OR AVERAGE-----	-	-	2	31	33	33	23	56	-	-	4,550	1,016	5,566	5,566	2,275	33	169

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, 2010 (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						
SLIP OR FALL OF PERSON:																	
CONTUSION OR BRUISE-----	-	-	-	20	20	20	5	25	-	-	-	1,110	1,110	1,110	-	56	56
CUT OR PUNCTURE-----	-	-	-	6	6	6	6	12	-	-	-	70	70	70	-	12	12
DISLOCATION-----	-	-	-	1	1	1	1	2	-	-	-	204	204	204	-	204	204
FRACTURE-----	-	-	-	31	31	31	2	33	-	-	-	2,375	2,375	2,375	-	77	77
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	37	37	37	-	37	37
STRAIN/SPRAIN-----	-	-	-	53	53	53	12	65	-	-	-	2,224	2,224	2,224	-	42	42
MULTIPLE INJURIES-----	-	-	-	3	3	3	-	3	-	-	-	73	73	73	-	24	24
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
UNCLASSIFIED (NO DATA)-----	-	-	-	7	7	7	1	8	-	-	-	477	477	477	-	68	68
TOTAL OR AVERAGE-----	-	-	-	123	123	123	27	150	-	-	-	6,573	6,573	6,573	-	53	53
STEPPING OR KNEELING ON OBJECT:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	33	33	33	-	33	33
STRAIN/SPRAIN-----	-	-	-	8	8	8	1	9	-	-	-	132	132	132	-	16	16
TOTAL OR AVERAGE-----	-	-	-	9	9	9	1	10	-	-	-	165	165	165	-	18	18
STRIKING OR BUMPING:																	
CONCUSSION (CEREBRAL)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CUT OR PUNCTURE-----	-	-	-	2	2	2	3	5	-	-	-	7	7	7	-	4	4
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	442	442	442	-	147	147
TOTAL OR AVERAGE-----	-	-	-	6	6	6	4	10	-	-	-	452	452	452	-	75	75
OTHER INJURIES:																	
ASPHYXIATION/DROWNING-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
CUT OR PUNCTURE-----	-	-	-	1	1	1	3	4	-	-	-	14	14	14	-	14	14
DUST IN EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	3	6	-	-	-	5	5	5	-	2	2
SCRATCH/ABRASION-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	5	5	5	-	5	-	-	-	117	117	117	-	23	23
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	1	3	-	-	-	10	10	10	-	5	5
TOTAL OR AVERAGE-----	1	-	-	11	11	12	10	22	6,000	-	-	146	146	6,146	-	13	512

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, 2010 (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	-	-	9,250	-	9,250	9,250	1,850	-	1,850				
AMPUTATION/ENUCLEATION----	-	-	-	-	-	1	-	1	-	-	-	-	-	6,000	-	-	6,000				
ASPHYXIATION/DROWNING----	1	-	-	-	8	8	6	14	-	-	74	74	74	-	-	9	9				
BURN/SCALD (NOT CHEM.)----	-	-	-	-	1	1	-	1	-	-	152	152	152	-	152	-	152				
CHEMICAL BURN-----	-	-	-	-	1	1	-	1	-	-	9	9	9	-	9	-	9				
CONCUSSION (CEREBRAL)----	-	-	-	-	57	57	14	71	-	-	2,353	2,353	2,353	-	41	-	41				
CONTUSION OR BRUISE-----	-	-	-	-	72	72	92	164	-	-	901	901	901	-	13	-	13				
CUT OR PUNCTURE-----	-	-	-	-	3	3	2	5	-	-	334	334	334	-	111	-	111				
DISLOCATION-----	-	-	-	-	3	3	10	13	-	-	5	5	5	-	2	-	2				
DUST IN EYE-----	-	-	-	-	1	1	1	2	-	-	212	212	212	-	212	-	212				
ELECTRIC SHOCK-----	-	-	-	-	1	1	-	1	-	-	48	48	48	-	48	-	48				
ELECT. BURN (CONTACT)-----	-	-	-	-	64	64	20	84	-	-	4,249	4,249	4,249	-	66	-	66				
FRACTURE-----	-	-	2	-	4	6	-	6	-	-	75	175	175	50	19	-	29				
HERNIA (NOT DISC)-----	-	-	-	-	3	3	3	6	-	-	5	5	5	-	2	-	2				
POISONING (SYSTEMIC)-----	-	-	-	-	1	1	3	4	-	-	4	4	4	-	4	-	4				
RADIATION/ULTRAVIOLET-----	-	-	-	-	2	2	6	8	-	-	7	7	7	-	4	-	4				
SCRATCH/ABRASION-----	-	-	-	-	152	152	38	190	-	-	6,533	6,533	6,533	-	43	-	43				
STRAIN/SPRAIN-----	-	-	-	-	8	8	2	10	-	-	499	499	499	-	62	-	62				
MULTIPLE INJURIES-----	-	-	-	-	3	3	1	4	-	-	74	74	74	-	25	-	25				
OTHER INJURY, NEC-----	-	-	-	-	25	25	3	28	-	-	2,114	2,114	2,114	-	85	-	85				
UNCLASSIFIED (NO DATA)----	-	-	-	-	1	-	7	409	416	417	202	619	6,000	-	9,350	17,648	26,998	32,998	1,336	43	79

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010

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:								
ARI ZONA-----	-	-	-	-	-	2	-	2
CALIFORNIA-----	-	-	-	-	1	2	1	4
MICHIGAN-----	-	-	-	-	-	1	-	1
OHIO-----	-	-	-	-	-	1	-	1
OREGON-----	1	-	-	-	-	1	-	1
PENNSYLVANIA-----	1	-	-	-	-	-	-	1
WASHINGTON-----	-	-	-	-	-	1	-	1
TOTAL-----	1	-	-	-	1	8	1	11
SURFACE MINES:								
DREDGE:								
SAND AND GRAVEL:								
INDIANA-----	-	-	-	-	-	2	-	2
NEW JERSEY-----	-	1	-	-	-	1	-	2
TOTAL-----	-	1	-	-	-	3	-	4
TOTAL SURFACE:								
SAND AND GRAVEL:								
ARI ZONA-----	-	-	-	-	-	2	-	2
CALIFORNIA-----	-	-	-	-	1	2	1	4
INDIANA-----	-	-	-	-	-	2	-	2
MICHIGAN-----	-	-	-	-	-	1	-	1
NEW JERSEY-----	-	1	-	-	-	1	-	2
OHIO-----	-	-	-	-	-	1	-	1
OREGON-----	-	-	-	-	-	1	-	1
PENNSYLVANIA-----	1	-	-	-	-	-	-	1
WASHINGTON-----	-	-	-	-	-	1	-	1
TOTAL-----	1	1	-	-	1	11	1	15
TOTAL MINING:								
SAND AND GRAVEL:								
ARI ZONA-----	-	-	-	-	-	2	-	2
CALIFORNIA-----	-	-	-	-	1	2	1	4
INDIANA-----	-	-	-	-	-	2	-	2
MICHIGAN-----	-	-	-	-	-	1	-	1
NEW JERSEY-----	-	1	-	-	-	1	-	2
OHIO-----	-	-	-	-	-	1	-	1
OREGON-----	-	-	-	-	-	1	-	1
PENNSYLVANIA-----	1	-	-	-	-	-	-	1
WASHINGTON-----	-	-	-	-	-	1	-	1
TOTAL-----	1	1	-	-	1	11	1	15

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010 (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:								
ARI ZONA-----	-	-	-	-	-	2	-	2
CALIFORNIA-----	-	-	-	-	1	2	1	4
INDIANA-----	-	-	-	-	-	2	-	2
MICHIGAN-----	-	-	-	-	-	1	-	1
NEW JERSEY-----	-	1	-	-	-	1	-	2
OHIO-----	-	-	-	-	-	1	-	1
OREGON-----	-	-	-	-	-	1	-	1
PENNSYLVANIA-----	1	-	-	-	-	-	-	1
WASHINGTON-----	-	-	-	-	-	1	-	1
TOTAL-----	1	1	-	-	1	11	1	15
GRAND TOTAL:								
SAND AND GRAVEL:								
ARI ZONA-----	-	-	-	-	-	2	-	2
CALIFORNIA-----	-	-	-	-	1	2	1	4
INDIANA-----	-	-	-	-	-	2	-	2
MICHIGAN-----	-	-	-	-	-	1	-	1
NEW JERSEY-----	-	1	-	-	-	1	-	2
OHIO-----	-	-	-	-	-	1	-	1
OREGON-----	-	-	-	-	-	1	-	1
PENNSYLVANIA-----	1	-	-	-	-	-	-	1
WASHINGTON-----	-	-	-	-	-	1	-	1
TOTAL-----	1	1	-	-	1	11	1	15
TOTAL OR AVERAGE-----	1	1	-	-	1	11	1	15

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, 2010 (OPERATOR DATA)

MINERAL INDUSTRY 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
<b>UNDERGROUND MINES:</b>										
METAL-----	3	.05	194	3.09	100	1.59	297	4.74	6,113	12,541,817
NONMETAL-----	-	-	101	3.23	34	1.09	135	4.31	2,994	6,259,577
STONE-----	1	.05	57	2.57	21	.95	79	3.57	2,167	4,428,655
TOTAL, UNDERGROUND MINES--	4	.03	352	3.03	155	1.33	511	4.40	11,274	23,230,049
<b>SURFACE MINES:</b>										
METAL-----	1	.01	178	1.29	87	.63	266	1.93	12,984	27,562,886
NONMETAL-----	-	-	51	1.37	21	.56	72	1.93	3,960	7,463,526
STONE-----	5	.02	466	1.91	208	.85	679	2.79	27,698	48,703,030
SUBTOTAL, SURFACE MINES--	6	.01	695	1.66	316	.75	1,017	2.43	44,642	83,729,442
SAND AND GRAVEL-----	1	(*)	412	1.79	202	.88	615	2.67	29,545	46,096,692
TOTAL, SURFACE MINES-----	7	.01	1,107	1.71	518	.80	1,632	2.51	74,187	129,826,134
TOTAL, MINES-----	11	.01	1,459	1.91	673	.88	2,143	2.80	85,461	153,056,183
<b>MILLS:</b>										
METAL-----	-	-	228	1.79	142	1.12	370	2.91	12,054	25,425,509
NONMETAL-----	-	-	182	1.68	116	1.07	298	2.75	10,351	21,699,377
STONE-----	2	.01	646	2.40	303	1.12	951	3.53	27,167	53,881,561
TOTAL, MILLS-----	2	(*)	1,056	2.09	561	1.11	1,619	3.21	49,572	101,006,447
<b>INDEPENDENT SHOPS AND YARDS:</b>										
METAL-----	-	-	4	1.40	3	1.05	7	2.46	278	569,479
NONMETAL-----	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	2	.96	-	-	2	.96	224	416,542
TOTAL, SHOPS AND YARDS---	-	-	6	1.22	3	.61	9	1.83	502	986,021
<b>ALL MINES, MILLS AND SHOPS:</b>										
METAL-----	4	.01	604	1.83	332	1.00	940	2.84	31,429	66,099,691
NONMETAL-----	-	-	334	1.89	171	.97	505	2.85	17,305	35,422,480
STONE-----	8	.01	1,171	2.18	532	.99	1,711	3.19	57,256	107,429,788
SUBTOTAL-----	12	.01	2,109	2.02	1,035	.99	3,156	3.02	105,990	208,951,959
SAND AND GRAVEL-----	1	(*)	412	1.79	202	.88	615	2.67	29,545	46,096,692
TOTAL, MINES/MILLS/SHOPS-	13	.01	2,521	1.98	1,237	.97	3,771	2.96	135,535	255,048,651
<b>OFFICEWORKERS:</b>										
METAL-----	-	-	2	.05	5	.11	7	.16	4,474	8,748,602
NONMETAL-----	-	-	2	.06	1	.03	3	.10	3,333	6,184,728
STONE-----	-	-	7	.08	-	-	7	.08	10,356	18,612,956
SAND AND GRAVEL-----	-	-	4	.11	-	-	4	.11	6,448	7,412,287
TOTAL, OFFICEWORKERS-----	-	-	15	.07	6	.03	21	.10	24,611	40,958,573
<b>SUMMARY TOTAL (INCLUDES OFFICEWORKERS):</b>										
METAL-----	4	.01	606	1.62	337	.90	947	2.53	35,903	74,848,293
NONMETAL-----	-	-	336	1.62	172	.83	508	2.44	20,638	41,607,208
STONE-----	8	.01	1,178	1.87	532	.84	1,718	2.73	67,612	126,042,744
SUBTOTAL-----	12	.01	2,120	1.75	1,041	.86	3,173	2.62	124,153	242,498,245
SAND AND GRAVEL-----	1	(*)	416	1.55	202	.76	619	2.31	35,993	53,508,979
GRAND TOTAL-----	13	.01	2,536	1.71	1,243	.84	3,792	2.56	160,146	296,007,224

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, 2010 (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)
<b>BITUMINOUS COAL:</b>											
UNDERGROUND MINES:											
UNDERGROUND-----	40	.08	1,814	3.83	889	1.88	2,743	5.79	41,393	94,693,480	337,209,870
SURFACE-----	1	.03	89	2.89	67	2.18	157	5.10	2,852	6,155,480	-
TOTAL, UNDERGROUND MINES--	41	.08	1,903	3.77	956	1.90	2,900	5.75	44,245	100,848,960	337,209,870
SURFACE MINES:											
STRIP MINES-----	3	.01	385	1.14	177	.52	565	1.67	30,519	67,645,015	738,870,747
AUGER MINES-----	-	-	14	2.63	5	.94	19	3.57	793	1,064,152	5,725,000
OTHER SURFACE MINES-----	-	-	4	1.52	1	.38	5	1.89	315	528,038	2,436,736
TOTAL, SURFACE MINES-----	3	.01	403	1.16	183	.53	589	1.70	31,627	69,237,205	747,032,483
TOTAL, PRODUCTION MINING--	44	.05	2,306	2.71	1,139	1.34	3,489	4.10	75,872	170,086,165	1,084,242,353
PREPARATION PLANTS-----	-	-	127	1.38	82	.89	209	2.27	7,965	18,431,250	-
INDEPENDENT SHOPS/YARDS-----	-	-	9	1.70	2	.38	11	2.08	437	1,059,113	-
TOTAL, OTHER OPERATIONS---	-	-	136	1.40	84	.86	220	2.26	8,402	19,490,363	-
TOTAL, BITUMINOUS MINING--	44	.05	2,442	2.58	1,223	1.29	3,709	3.91	84,274	189,576,528	1,084,242,353
<b>PENNSYLVANIA ANTHRACITE COAL:</b>											
UNDERGROUND MINES:											
UNDERGROUND-----	-	-	4	7.64	-	-	4	7.64	67	104,778	138,654
SURFACE-----	-	-	1	9.29	-	-	1	9.29	16	21,519	-
TOTAL, UNDERGROUND MINES--	-	-	5	7.92	-	-	5	7.92	83	126,297	138,654
SURFACE MINES:											
STRIP MINES-----	-	-	15	3.77	2	.50	17	4.27	464	796,810	1,599,753
CULM BANK-----	-	-	2	1.38	-	-	2	1.38	162	288,811	70,960
DREDGE-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, SURFACE MINES-----	-	-	17	3.13	2	.37	19	3.50	626	1,085,621	1,670,713
TOTAL, PRODUCTION MINING--	-	-	22	3.63	2	.33	24	3.96	709	1,211,918	1,809,367
PREPARATION PLANTS-----	-	-	24	6.55	9	2.45	33	9.00	355	733,299	-
INDEPENDENT SHOPS/YARDS-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OTHER OPERATIONS---	-	-	24	6.55	9	2.45	33	9.00	355	733,299	-
TOTAL, ANTHRACITE MINING--	-	-	46	4.73	11	1.13	57	5.86	1,064	1,945,217	1,809,367
<b>ALL COAL:</b>											
UNDERGROUND MINES:											
UNDERGROUND-----	40	.08	1,818	3.84	889	1.88	2,747	5.80	41,460	94,798,258	337,348,524
SURFACE-----	1	.03	90	2.91	67	2.17	158	5.12	2,868	6,176,999	-
TOTAL, UNDERGROUND MINES--	41	.08	1,908	3.78	956	1.89	2,905	5.75	44,328	100,975,257	337,348,524
SURFACE MINES:											
STRIP MINES-----	3	.01	400	1.17	179	.52	582	1.70	30,983	68,441,825	740,470,500
AUGER MINES-----	-	-	14	2.63	5	.94	19	3.57	793	1,064,152	5,725,000
CULM BANK-----	-	-	3	.77	-	-	3	.77	454	776,542	1,759,361
DREDGE-----	-	-	3	14.89	1	4.96	4	19.85	23	40,307	748,335
TOTAL, SURFACE MINES-----	3	.01	420	1.19	185	.53	608	1.73	32,253	70,322,826	748,703,196
TOTAL, PRODUCTION MINING--	44	.05	2,328	2.72	1,141	1.33	3,513	4.10	76,581	171,298,083	1,086,051,720
PREPARATION PLANTS-----	-	-	151	1.58	91	.95	242	2.53	8,320	19,164,549	-
INDEPENDENT SHOPS/YARDS-----	-	-	9	1.70	2	.38	11	2.08	437	1,059,113	-
TOTAL, OTHER OPERATIONS---	-	-	160	1.58	93	.92	253	2.50	8,757	20,223,662	-
TOTAL, ALL COAL-----	44	.05	2,488	2.60	1,234	1.29	3,766	3.93	85,338	191,521,745	1,086,051,720
<b>OFFICEWORKERS:</b>											
BITUMINOUS-----	-	-	2	.05	1	.03	3	.08	3,739	7,448,488	-
ANTHRACITE-----	-	-	-	-	-	-	-	-	132	196,234	-
TOTAL, OFFICEWORKERS-----	-	-	2	.05	1	.03	3	.08	3,871	7,644,722	-
<b>GRAND TOTAL-----</b>	<b>44</b>	<b>.04</b>	<b>2,490</b>	<b>2.50</b>	<b>1,235</b>	<b>1.24</b>	<b>3,769</b>	<b>3.78</b>	<b>89,209</b>	<b>199,166,467</b>	<b>1,086,051,720</b>



**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					
		18	18			18	18		17	
		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			

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, 2010

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	2006	2007	2008	2009	2010	2006	2007	2008	2009	2010
NUMBER OF INJURIES:										
FATAL-----	3	-	1	2	1	3	-	1	2	1
NFDL-----	24	13	14	9	24	24	13	14	9	24
TOTAL LWD INJURIES-----	27	13	15	11	25	27	13	15	11	25
NDL-----	14	8	12	2	3	14	8	12	2	3
TOTAL INJURIES-----	41	21	27	13	28	41	21	27	13	28
AVERAGE SEVERITY:										
PERMANENT PARTIAL-----	-	75	-	75	380	-	75	-	75	380
TEMPORARY NFDL-----	53	38	50	46	41	53	38	50	46	41
ALL LWD INJURIES-----	714	41	447	1,131	306	714	41	447	1,131	306

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, 2010

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	2	2	-	2	-	-	660	6	666	666	660	6	333
ARKANSAS-----	-	-	-	1	1	1	-	1	-	-	145	145	145	-	145	145	145
CALI FORNIA-----	-	-	1	4	5	5	-	5	-	-	100	161	261	261	100	40	52
ILLINOIS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
MICHIGAN-----	-	-	-	2	2	2	-	2	-	-	-	196	196	196	-	98	98
MINNESOTA-----	-	-	-	1	1	1	-	1	-	-	-	55	55	55	-	55	55
NEW HAMPSHIRE-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
TENNESSEE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TEXAS-----	1	-	-	6	6	7	-	7	6,000	-	-	64	64	6,064	-	11	866
UTAH-----	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
WASHINGTON-----	-	-	-	1	1	1	-	1	-	-	-	235	235	235	-	235	235
TOTAL OR AVERAGE-----	1	-	2	21	23	24	3	27	6,000	-	760	884	1,644	7,644	380	42	318
DREDGE:																	
TEXAS-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
TOTAL OR AVERAGE, SURFACE:																	
ALASKA-----	-	-	1	1	2	2	-	2	-	-	660	6	666	666	660	6	333
ARKANSAS-----	-	-	-	1	1	1	-	1	-	-	-	145	145	145	-	145	145
CALI FORNIA-----	-	-	1	4	5	5	-	5	-	-	100	161	261	261	100	40	52
ILLINOIS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
MICHIGAN-----	-	-	-	2	2	2	-	2	-	-	-	196	196	196	-	98	98
MINNESOTA-----	-	-	-	1	1	1	-	1	-	-	-	55	55	55	-	55	55
NEW HAMPSHIRE-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
TENNESSEE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TEXAS-----	1	-	-	7	7	8	-	8	6,000	-	-	78	78	6,078	-	11	760
UTAH-----	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
WASHINGTON-----	-	-	-	1	1	1	-	1	-	-	-	235	235	235	-	235	235
TOTAL OR AVERAGE-----	1	-	2	22	24	25	3	28	6,000	-	760	898	1,658	7,658	380	41	306

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, 2010 (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:	-	-	1	1	2	2	-	2	-	-	660	6	666	666	660	6	333
ALASKA-----	-	-	1	1	2	2	-	2	-	-	660	6	666	666	660	6	333
ARKANSAS-----	-	-	-	1	1	1	-	1	-	-	145	145	145	-	145	145	145
CALI FORNIA-----	-	-	1	4	5	5	-	5	-	-	100	161	261	261	100	40	52
ILLINOIS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
MICHIGAN-----	-	-	-	2	2	2	-	2	-	-	-	196	196	196	-	98	98
MINNESOTA-----	-	-	-	1	1	1	-	1	-	-	-	55	55	55	-	55	55
NEW HAMPSHIRE-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
TENNESSEE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TEXAS-----	1	-	-	7	7	8	-	8	6,000	-	-	78	78	6,078	-	11	760
UTAH-----	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
WASHINGTON-----	-	-	-	1	1	1	-	1	-	-	-	235	235	235	-	235	235
TOTAL OR AVERAGE-----	1	-	2	22	24	25	3	28	6,000	-	760	898	1,658	7,658	380	41	306
TOTAL OR AVERAGE, ALL MINES AND PLANTS:	-	-	1	1	2	2	-	2	-	-	660	6	666	666	660	6	333
ALASKA-----	-	-	1	1	2	2	-	2	-	-	660	6	666	666	660	6	333
ARKANSAS-----	-	-	-	1	1	1	-	1	-	-	-	145	145	145	-	145	145
CALI FORNIA-----	-	-	1	4	5	5	-	5	-	-	100	161	261	261	100	40	52
ILLINOIS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
MICHIGAN-----	-	-	-	2	2	2	-	2	-	-	-	196	196	196	-	98	98
MINNESOTA-----	-	-	-	1	1	1	-	1	-	-	-	55	55	55	-	55	55
NEW HAMPSHIRE-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
TENNESSEE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TEXAS-----	1	-	-	7	7	8	-	8	6,000	-	-	78	78	6,078	-	11	760
UTAH-----	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
WASHINGTON-----	-	-	-	1	1	1	-	1	-	-	-	235	235	235	-	235	235
TOTAL OR AVERAGE-----	1	-	2	22	24	25	3	28	6,000	-	760	898	1,658	7,658	380	41	306
GRAND TOTAL OR AVERAGE:	-	-	1	1	2	2	-	2	-	-	660	6	666	666	660	6	333
ALASKA-----	-	-	1	1	2	2	-	2	-	-	660	6	666	666	660	6	333
ARKANSAS-----	-	-	-	1	1	1	-	1	-	-	-	145	145	145	-	145	145
CALI FORNIA-----	-	-	1	4	5	5	-	5	-	-	100	161	261	261	100	40	52
ILLINOIS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
MICHIGAN-----	-	-	-	2	2	2	-	2	-	-	-	196	196	196	-	98	98
MINNESOTA-----	-	-	-	1	1	1	-	1	-	-	-	55	55	55	-	55	55
NEW HAMPSHIRE-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
TENNESSEE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TEXAS-----	1	-	-	7	7	8	-	8	6,000	-	-	78	78	6,078	-	11	760
UTAH-----	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
WASHINGTON-----	-	-	-	1	1	1	-	1	-	-	-	235	235	235	-	235	235
TOTAL OR AVERAGE-----	1	-	2	22	24	25	3	28	6,000	-	760	898	1,658	7,658	380	41	306

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, 2010

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						
<b>SURFACE MINES:</b>																	
OPEN PIT:																	
EYE-----	-	-	-	1	1	1	1	2	-	-	3	3	3	-	3	3	
HEAD, NEC-----	1	-	-	1	1	2	-	2	6,000	-	145	145	6,145	-	145	3,072	
FOREARM-----	-	-	-	2	2	2	-	2	-	-	87	87	87	-	44	44	
FINGER(S)-----	-	-	2	5	7	7	-	7	-	760	63	823	823	380	13	118	
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5	
BACK-----	-	-	-	2	2	2	-	2	-	-	262	262	262	-	131	131	
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	9	9	9	-	9	9	
ANKLE-----	-	-	-	3	3	3	-	3	-	-	24	24	24	-	8	8	
BODY SYSTEMS-----	-	-	-	2	2	2	-	2	-	-	14	14	14	-	7	7	
MULTIPLE PARTS OF BODY-----	-	-	-	3	3	3	2	5	-	-	272	272	272	-	91	91	
TOTAL OR AVERAGE-----	1	-	2	21	23	24	3	27	6,000	-	760	884	1,644	7,644	380	42	318
<b>DREDGE:</b>																	
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	14	14	14	-	14	14	
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	14	14	14	-	14	14	
<b>TOTAL OR AVERAGE, MINING:</b>																	
EYE-----	-	-	-	1	1	1	1	2	-	-	3	3	3	-	3	3	
HEAD, NEC-----	1	-	-	1	1	2	-	2	6,000	-	145	145	6,145	-	145	3,072	
FOREARM-----	-	-	-	2	2	2	-	2	-	-	87	87	87	-	44	44	
FINGER(S)-----	-	-	2	5	7	7	-	7	-	760	63	823	823	380	13	118	
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5	
BACK-----	-	-	-	2	2	2	-	2	-	-	262	262	262	-	131	131	
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	9	9	9	-	9	9	
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	14	14	14	-	14	14	
ANKLE-----	-	-	-	3	3	3	-	3	-	-	24	24	24	-	8	8	
BODY SYSTEMS-----	-	-	-	2	2	2	-	2	-	-	14	14	14	-	7	7	
MULTIPLE PARTS OF BODY-----	-	-	-	3	3	3	2	5	-	-	272	272	272	-	91	91	
TOTAL OR AVERAGE-----	1	-	2	22	24	25	3	28	6,000	-	760	898	1,658	7,658	380	41	306
<b>GRAND TOTAL OR AVERAGE:</b>																	
EYE-----	-	-	-	1	1	1	1	2	-	-	3	3	3	-	3	3	
HEAD, NEC-----	1	-	-	1	1	2	-	2	6,000	-	145	145	6,145	-	145	3,072	
FOREARM-----	-	-	-	2	2	2	-	2	-	-	87	87	87	-	44	44	
FINGER(S)-----	-	-	2	5	7	7	-	7	-	760	63	823	823	380	13	118	
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5	
BACK-----	-	-	-	2	2	2	-	2	-	-	262	262	262	-	131	131	
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	9	9	9	-	9	9	
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	14	14	14	-	14	14	
ANKLE-----	-	-	-	3	3	3	-	3	-	-	24	24	24	-	8	8	
BODY SYSTEMS-----	-	-	-	2	2	2	-	2	-	-	14	14	14	-	7	7	
MULTIPLE PARTS OF BODY-----	-	-	-	3	3	3	2	5	-	-	272	272	272	-	91	91	
TOTAL OR AVERAGE-----	1	-	2	22	24	25	3	28	6,000	-	760	898	1,658	7,658	380	41	306

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, 2010

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						
<b>SURFACE MINES:</b>																	
OPEN PIT:																	
AMPUTATION/ENUCLEATION	-	-	2	-	2	2	-	2	-	-	760	-	760	760	380	-	380
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CONTUSION OR BRUISE	1	-	-	-	1	2	-	2	-	6,000	-	2	2	6,002	-	2	3,001
CUT OR PUNCTURE	-	-	-	3	3	3	-	3	-	-	-	52	52	52	-	17	17
DUST IN EYE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	6	6	6	-	6	-	-	-	389	389	389	-	65	65
HERNIA (NOT DISC)	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
POISONING (SYSTEMIC)	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
STRAIN/SPRAIN	-	-	-	6	6	6	-	6	-	-	-	270	270	270	-	45	45
MULTIPLE INJURIES	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	1	2	-	-	-	145	145	145	-	145	145
TOTAL OR AVERAGE	1	-	2	21	23	24	3	27	6,000	-	760	884	1,644	7,644	380	42	318
<b>DREDGE:</b>																	
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
TOTAL OR AVERAGE	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
<b>TOTAL OR AVERAGE, MINING:</b>																	
AMPUTATION/ENUCLEATION	-	-	2	-	2	2	-	2	-	-	760	-	760	760	380	-	380
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CONTUSION OR BRUISE	1	-	-	-	1	2	-	2	-	6,000	-	2	2	6,002	-	2	3,001
CUT OR PUNCTURE	-	-	-	3	3	3	-	3	-	-	-	52	52	52	-	17	17
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
DUST IN EYE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	6	6	6	-	6	-	-	-	389	389	389	-	65	65
HERNIA (NOT DISC)	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
POISONING (SYSTEMIC)	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
STRAIN/SPRAIN	-	-	-	6	6	6	-	6	-	-	-	270	270	270	-	45	45
MULTIPLE INJURIES	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	1	2	-	-	-	145	145	145	-	145	145
TOTAL OR AVERAGE	1	-	2	22	24	25	3	28	6,000	-	760	898	1,658	7,658	380	41	306
<b>GRAND TOTAL OR AVERAGE:</b>																	
AMPUTATION/ENUCLEATION	-	-	2	-	2	2	-	2	-	-	760	-	760	760	380	-	380
CHEMICAL BURN	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CONTUSION OR BRUISE	1	-	-	-	1	2	-	2	-	6,000	-	2	2	6,002	-	2	3,001
CUT OR PUNCTURE	-	-	-	3	3	3	-	3	-	-	-	52	52	52	-	17	17
DISLOCATION	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
DUST IN EYE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	6	6	6	-	6	-	-	-	389	389	389	-	65	65
HERNIA (NOT DISC)	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
POISONING (SYSTEMIC)	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
STRAIN/SPRAIN	-	-	-	6	6	6	-	6	-	-	-	270	270	270	-	45	45
MULTIPLE INJURIES	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	1	2	-	-	-	145	145	145	-	145	145
TOTAL OR AVERAGE	1	-	2	22	24	25	3	28	6,000	-	760	898	1,658	7,658	380	41	306



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, 2010

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						
EYE:																	
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
DUST IN EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
HEAD, NEC:																	
CONTUSION OR BRUISE-----	1	-	-	-	1	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	145	145	145	-	145	145
TOTAL OR AVERAGE-----	1	-	-	1	1	2	-	2	6,000	-	-	145	145	6,145	-	145	3,072
FOREARM:																	
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	86	86	86	-	86	86
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	87	87	87	-	44	44
FINGER(S):																	
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	760	-	760	760	380	-	380
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CUT OR PUNCTURE-----	-	-	-	2	2	2	-	2	-	-	-	51	51	51	-	26	26
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE-----	-	-	2	5	7	7	-	7	-	-	760	63	823	823	380	13	118
ABDOMEN:																	
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
BACK:																	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	235	235	235	-	235	235
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	262	262	262	-	131	131
PELVIC REGION:																	
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
SHOULDER(S):																	
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14

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, 2010 (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:																	
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	24	24	24	-	8	8
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	24	24	24	-	8	8
BODY SYSTEMS:																	
POISONING (SYSTEMIC)-----	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
MULTIPLE PARTS OF BODY:																	
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	272	272	272	-	91	91
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	3	3	3	2	5	-	-	-	272	272	272	-	91	91
TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	760	-	760	760	380	-	380
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CONTUSION OR BRUISE-----	1	-	-	1	1	2	-	2	6,000	-	-	2	2	6,002	-	2	3,001
CUT OR PUNCTURE-----	-	-	-	3	3	3	-	3	-	-	-	52	52	52	-	17	17
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
DUST IN EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	6	6	6	-	6	-	-	-	389	389	389	-	65	65
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
POISONING (SYSTEMIC)-----	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
STRAIN/SPRAIN-----	-	-	-	6	6	6	-	6	-	-	-	270	270	270	-	45	45
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	1	2	-	-	-	145	145	145	-	145	145
TOTAL OR AVERAGE-----	1	-	2	22	24	25	3	28	6,000	-	760	898	1,658	7,658	380	41	306





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, 2010

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:																						
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145	-	-	-	-
CALI FORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	228	-	-	-	-
DREDGE:																						
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL MINING:																						
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145	-	-	-	-
CALI FORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	228	-	-	-	-
GRAND TOTAL:																						
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145	-	-	-	-
CALI FORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	228	-	-	-	-

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, 2010 (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:																						
ALASKA-----	-	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	666
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	175	-	86	-	-	-	-	-	-	-	-	261
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	4
MICHIGAN-----	-	193	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	196
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TEXAS-----	6,000	-	-	-	-	-	-	-	-	-	2	-	43	-	-	-	-	-	-	14	6,000	64
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	13
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	235	-	235
TOTAL-----	6,000	853	-	-	-	-	-	-	-	-	177	-	137	-	-	-	-	-	-	249	6,000	1,644
DREDGE:																						
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	14
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	14
TOTAL MINEING:																						
ALASKA-----	-	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	666
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	175	-	86	-	-	-	-	-	-	-	-	261
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	4
MICHIGAN-----	-	193	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	196
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TEXAS-----	6,000	-	-	-	-	-	-	-	-	-	2	-	57	-	-	-	-	-	-	14	6,000	78
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	13
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	235	-	235
TOTAL-----	6,000	853	-	-	-	-	-	-	-	-	177	-	151	-	-	-	-	-	-	249	6,000	1,658
GRAND TOTAL:																						
ALASKA-----	-	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	666
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	175	-	86	-	-	-	-	-	-	-	-	261
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	4
MICHIGAN-----	-	193	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	196
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TEXAS-----	6,000	-	-	-	-	-	-	-	-	-	2	-	57	-	-	-	-	-	-	14	6,000	78
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	13
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	235	-	235
TOTAL-----	6,000	853	-	-	-	-	-	-	-	-	177	-	151	-	-	-	-	-	-	249	6,000	1,658

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, 2010

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						
<b>SURFACE MINES:</b>																	
<b>OPEN PIT:</b>																	
BULLDOZER/MOBILE EQUIP.-----	-	-	-	1	1	1	-	1	-	-	-	235	235	235	-	235	235
LABORER-----	-	-	1	3	4	4	-	4	-	-	660	47	707	707	660	16	177
MECHANIC/MAINTENANCE-----	1	-	1	7	8	9	1	10	6,000	100	256	59	356	6,356	100	37	706
MINER-----	-	-	-	2	2	2	-	2	-	-	-	59	59	59	-	30	30
PREP. PLANT OPR.-----	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
SUPERVISOR/FOREMAN-----	-	-	-	2	2	2	-	2	-	-	-	33	33	33	-	16	16
TRUCK DRIVER-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
WELDER/MACHINIST-----	-	-	-	3	3	3	-	3	-	-	-	236	236	236	-	79	79
N. E. C. OR UNKNOWN-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
<b>TOTAL OR AVERAGE-----</b>	<b>1</b>	<b>-</b>	<b>2</b>	<b>21</b>	<b>23</b>	<b>24</b>	<b>3</b>	<b>27</b>	<b>6,000</b>	<b>-</b>	<b>760</b>	<b>884</b>	<b>1,644</b>	<b>7,644</b>	<b>380</b>	<b>42</b>	<b>318</b>
<b>DREDGE:</b>																	
ELECTRICIAN-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
<b>TOTAL OR AVERAGE-----</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>-</b>	<b>14</b>	<b>14</b>
<b>TOTAL OR AVERAGE, MINING:</b>																	
BULLDOZER/MOBILE EQUIP.-----	-	-	-	1	1	1	-	1	-	-	-	235	235	235	-	235	235
ELECTRICIAN-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
LABORER-----	-	-	1	3	4	4	-	4	-	-	660	47	707	707	660	16	177
MECHANIC/MAINTENANCE-----	1	-	1	7	8	9	1	10	6,000	100	256	59	356	6,356	100	37	706
MINER-----	-	-	-	2	2	2	-	2	-	-	-	59	59	59	-	30	30
PREP. PLANT OPR.-----	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
SUPERVISOR/FOREMAN-----	-	-	-	2	2	2	-	2	-	-	-	33	33	33	-	16	16
TRUCK DRIVER-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
WELDER/MACHINIST-----	-	-	-	3	3	3	-	3	-	-	-	236	236	236	-	79	79
N. E. C. OR UNKNOWN-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
<b>TOTAL OR AVERAGE-----</b>	<b>1</b>	<b>-</b>	<b>2</b>	<b>22</b>	<b>24</b>	<b>25</b>	<b>3</b>	<b>28</b>	<b>6,000</b>	<b>-</b>	<b>760</b>	<b>898</b>	<b>1,658</b>	<b>7,658</b>	<b>380</b>	<b>41</b>	<b>306</b>
<b>GRAND TOTAL OR AVERAGE:</b>																	
BULLDOZER/MOBILE EQUIP.-----	-	-	-	1	1	1	-	1	-	-	-	235	235	235	-	235	235
ELECTRICIAN-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
LABORER-----	-	-	1	3	4	4	-	4	-	-	660	47	707	707	660	16	177
MECHANIC/MAINTENANCE-----	1	-	1	7	8	9	1	10	6,000	100	256	59	356	6,356	100	37	706
MINER-----	-	-	-	2	2	2	-	2	-	-	-	59	59	59	-	30	30
PREP. PLANT OPR.-----	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
SUPERVISOR/FOREMAN-----	-	-	-	2	2	2	-	2	-	-	-	33	33	33	-	16	16
TRUCK DRIVER-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
WELDER/MACHINIST-----	-	-	-	3	3	3	-	3	-	-	-	236	236	236	-	79	79
N. E. C. OR UNKNOWN-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
<b>TOTAL OR AVERAGE-----</b>	<b>1</b>	<b>-</b>	<b>2</b>	<b>22</b>	<b>24</b>	<b>25</b>	<b>3</b>	<b>28</b>	<b>6,000</b>	<b>-</b>	<b>760</b>	<b>898</b>	<b>1,658</b>	<b>7,658</b>	<b>380</b>	<b>41</b>	<b>306</b>

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, 2010

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						
<b>SURFACE MINES:</b>																	
OPEN PIT:																	
HANDLING MATERIAL-----	-	-	-	8	8	8	-	8	-	-	-	228	228	228	-	28	28
POWERED HAULAGE-----	1	-	1	1	2	3	-	3	6,000	-	660	193	853	6,853	660	193	2,284
MACHINERY-----	-	-	1	4	5	5	1	6	-	-	100	77	177	177	100	19	35
SLIP OR FALL OF PERSON-----	-	-	-	5	5	5	2	7	-	-	-	137	137	137	-	27	27
OTHER INJURIES-----	-	-	-	3	3	3	-	3	-	-	-	249	249	249	-	83	83
TOTAL OR AVERAGE-----	1	-	2	21	23	24	3	27	6,000	-	760	884	1,644	7,644	380	42	318
<b>DREDGE:</b>																	
SLIP OR FALL OF PERSON-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
<b>TOTAL OR AVERAGE, MINING:</b>																	
HANDLING MATERIAL-----	-	-	-	8	8	8	-	8	-	-	-	228	228	228	-	28	28
POWERED HAULAGE-----	1	-	1	1	2	3	-	3	6,000	-	660	193	853	6,853	660	193	2,284
MACHINERY-----	-	-	1	4	5	5	1	6	-	-	100	77	177	177	100	19	35
SLIP OR FALL OF PERSON-----	-	-	-	6	6	6	2	8	-	-	-	151	151	151	-	25	25
OTHER INJURIES-----	-	-	-	3	3	3	-	3	-	-	-	249	249	249	-	83	83
TOTAL OR AVERAGE-----	1	-	2	22	24	25	3	28	6,000	-	760	898	1,658	7,658	380	41	306
<b>GRAND TOTAL OR AVERAGE:</b>																	
HANDLING MATERIAL-----	-	-	-	8	8	8	-	8	-	-	-	228	228	228	-	28	28
POWERED HAULAGE-----	1	-	1	1	2	3	-	3	6,000	-	660	193	853	6,853	660	193	2,284
MACHINERY-----	-	-	1	4	5	5	1	6	-	-	100	77	177	177	100	19	35
SLIP OR FALL OF PERSON-----	-	-	-	6	6	6	2	8	-	-	-	151	151	151	-	25	25
OTHER INJURIES-----	-	-	-	3	3	3	-	3	-	-	-	249	249	249	-	83	83
TOTAL OR AVERAGE-----	1	-	2	22	24	25	3	28	6,000	-	760	898	1,658	7,658	380	41	306



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, 2010

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 PERMANENT	PERMANENT						TEMPORARY	TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>HANDLING MATERIAL:</b>																	
EYE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
HEAD, NEC-----	-	-	-	1	1	1	-	1	-	-	-	145	145	145	-	145	145
FOREARM-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
FINGER(S)-----	-	-	-	2	2	2	-	2	-	-	-	10	10	10	-	5	5
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	55	55	55	-	55	55
TOTAL OR AVERAGE-----	-	-	-	8	8	8	-	8	-	-	-	228	228	228	-	28	28
<b>POWERED HAULAGE:</b>																	
HEAD, NEC-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
FINGER(S)-----	-	-	1	-	1	1	-	1	-	-	660	-	660	660	660	-	660
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	193	193	193	-	193	193
TOTAL OR AVERAGE-----	1	-	1	1	2	3	-	3	6,000	-	660	193	853	6,853	660	193	2,284
<b>MACHINERY:</b>																	
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FINGER(S)-----	-	-	1	3	4	4	-	4	-	-	100	53	153	153	100	18	38
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
TOTAL OR AVERAGE-----	-	-	1	4	5	5	1	6	-	-	100	77	177	177	100	19	35
<b>SLIP OR FALL OF PERSON:</b>																	
FOREARM-----	-	-	-	1	1	1	-	1	-	-	-	86	86	86	-	86	86
BACK-----	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
ANKLE-----	-	-	-	3	3	3	-	3	-	-	-	24	24	24	-	8	8
MULTIPLE PARTS OF BODY-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	6	6	6	2	8	-	-	-	151	151	151	-	25	25
<b>OTHER INJURIES:</b>																	
BACK-----	-	-	-	1	1	1	-	1	-	-	-	235	235	235	-	235	235
BODY SYSTEMS-----	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	249	249	249	-	83	83

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, 2010 (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						
TOTAL OR AVERAGE:	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
EYE-----	-	-	-	1	1	1	1	2	-	-	-	145	145	6,145	-	145	3,072
HEAD, NEC-----	1	-	-	1	1	2	-	2	6,000	-	-	87	87	-	-	44	44
FOREARM-----	-	-	-	2	2	2	-	2	-	-	-	87	87	-	-	44	44
FINGER(S)-----	-	-	2	5	7	7	-	7	-	-	760	63	823	823	380	13	118
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	-	5	5	-	5	5	5
BACK-----	-	-	-	2	2	2	-	2	-	-	-	262	262	262	-	131	131
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
ANKLE-----	-	-	-	3	3	3	-	3	-	-	-	24	24	24	-	8	8
BODY SYSTEMS-----	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
MULTIPLE PARTS OF BODY-----	-	-	-	3	3	3	2	5	-	-	-	272	272	272	-	91	91
TOTAL OR AVERAGE-----	1	-	2	22	24	25	3	28	6,000	-	760	898	1,658	7,658	380	41	306

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, 2010

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						
<b>HANDLING MATERIAL:</b>																	
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	59	59	59	-	30	30
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	11	11	11	-	6	6
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	145	145	145	-	145	145
TOTAL OR AVERAGE-----	-	-	-	8	8	8	-	8	-	-	-	228	228	228	-	28	28
<b>POWERED HAULAGE:</b>																	
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	660	-	660	660	660	-	660
CONTUSION OR BRUISE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	193	-	193	193	-	193	193
TOTAL OR AVERAGE-----	1	-	1	1	2	3	-	3	6,000	-	660	193	853	6,853	660	193	2,284
<b>MACHINERY:</b>																	
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	100	-	100	100	100	-	100
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	2	-	2	2	-	2	2
CUT OR PUNCTURE-----	-	-	-	2	2	2	-	2	-	-	51	-	51	51	-	26	26
DUST IN EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	24	-	24	24	-	24	24
TOTAL OR AVERAGE-----	-	-	1	4	5	5	1	6	-	-	100	77	177	177	100	19	35
<b>SLIP OR FALL OF PERSON:</b>																	
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	113	-	113	113	-	56	56
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	24	-	24	24	-	8	8
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	6	6	6	2	8	-	-	-	151	151	151	-	25	25
<b>OTHER INJURIES:</b>																	
POISONING (SYSTEMIC)-----	-	-	-	2	2	2	-	2	-	-	14	-	14	14	-	7	7
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	235	-	235	235	-	235	235
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	249	-	249	249	-	83	83

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, 2010 (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:	-	-	2	-	2	2	-	2	-	-	760	-	760	760	380	-	380
AMPUTATION/ENUCLEATION----	-	-	-	1	1	1	-	1	-	-	3	-	3	3	-	3	3
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	2	-	2	2	-	2	2
CONTUSION OR BRUISE-----	1	-	-	1	1	2	-	2	6,000	-	-	-	-	6,002	-	-	3,001
CUT OR PUNCTURE-----	-	-	-	3	3	3	-	3	-	-	52	-	52	52	-	17	17
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	14	-	14	14	-	14	14
DUST IN EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	6	6	6	-	6	-	-	389	-	389	389	-	65	65
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	9	-	9	9	-	9	9
POISONING (SYSTEMIC)-----	-	-	-	2	2	2	-	2	-	-	14	-	14	14	-	7	7
STRAIN/SPRAIN-----	-	-	-	6	6	6	-	6	-	-	270	-	270	270	-	45	45
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	1	2	-	-	145	-	145	145	-	145	145
TOTAL OR AVERAGE-----	1	-	2	22	24	25	3	28	6,000	-	760	898	1,658	7,658	380	41	306

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2010

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: OREGON-----	-	-	-	-	-	-	1	1
TOTAL-----	-	-	-	-	-	-	1	1
TOTAL SURFACE: SAND AND GRAVEL: OREGON-----	-	-	-	-	-	-	1	1
TOTAL-----	-	-	-	-	-	-	1	1
TOTAL MINING: SAND AND GRAVEL: OREGON-----	-	-	-	-	-	-	1	1
TOTAL-----	-	-	-	-	-	-	1	1
TOTAL, MINES AND PLANTS: SAND AND GRAVEL: OREGON-----	-	-	-	-	-	-	1	1
TOTAL-----	-	-	-	-	-	-	1	1
GRAND TOTAL: SAND AND GRAVEL: OREGON-----	-	-	-	-	-	-	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, 2010 (CONTRACTOR DATA)

WORK LOCATION AND MINERAL INDUSTRY	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-----	2		29		18		49			
NONMETAL-----	1		8		12		21			
STONE-----	-		5		2		7			
TOTAL, UNDERGROUND MINES-	3	.11	42	1.53	32	1.16	77	2.80	6,326	5,501,046
SURFACE MINES:										
METAL-----	1		45		33		79			
NONMETAL-----	1		13		8		22			
STONE-----	3		39		31		73			
SUBTOTAL, SURFACE MINES--	5		97		72		174			
SAND AND GRAVEL-----	1		24		3		28			
TOTAL, SURFACE MINES----	6	.03	121	.70	75	.43	202	1.16	39,329	34,779,328
TOTAL, MINES-----	9	.04	163	.81	107	.53	279	1.39	45,655	40,280,374
MILLS:										
METAL-----	-		23		36		59			
NONMETAL-----	-		13		5		18			
STONE-----	1		54		31		86			
TOTAL, MILLS-----	1	.01	90	1.05	72	.84	163	1.91	16,615	17,086,968
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-		-		-		-			
NONMETAL-----	-		-		-		-			
STONE-----	-		-		-		-			
TOTAL, SHOPS AND YARDS---	-		-		-		-		41	10,440
ALL MINES, MILLS AND SHOPS:										
METAL-----	3		97		87		187			
NONMETAL-----	2		34		25		61			
STONE-----	4		98		64		166			
SUBTOTAL-----	9		229		176		414			
SAND AND GRAVEL-----	1		24		3		28			
TOTAL, MINES/MILLS/SHOPS-	10	.03	253	.88	179	.62	442	1.54	62,311	57,377,782
OFFICEWORKERS:										
METAL-----	-		2		2		4			
NONMETAL-----	-		1		-		1			
STONE-----	-		2		-		2			
SAND AND GRAVEL-----	-		-		-		-			
TOTAL, OFFICEWORKERS----	-		5	.25	2	.10	7	.35	3,186	3,998,463
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	3		99		89		191			
NONMETAL-----	2		35		25		62			
STONE-----	4		100		64		168			
SUBTOTAL-----	9		234		178		421			
SAND AND GRAVEL-----	1		24		3		28			
GRAND TOTAL-----	10	.03	258	.84	181	.59	449	1.46	65,497	61,376,245

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, 2010 (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)
<b>BITUMINOUS COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	1		121		24		146				
SURFACE-----	2		34		20		56				
TOTAL, UNDERGROUND MINES--	3		155		44		202				
<b>SURFACE MINES:</b>											
STRIP MINES-----	1		115		60		176				
AUGER MINES-----	-		3		-		3				
OTHER SURFACE MINES-----	-		-		-		-				
TOTAL, SURFACE MINES-----	1		118		60		179				
TOTAL, PRODUCTION MINING--	4		273		104		381				
PREPARATION PLANTS-----	-		84		42		126				
INDEPENDENT SHOPS/YARDS-----	-		3		-		3				
TOTAL, OTHER OPERATIONS---	-		87		42		129				
TOTAL, BITUMINOUS MINING--	4		360		146		510				
<b>PENNSYLVANIA ANTHRACITE COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	-		-		-		-				
SURFACE-----	-		-		-		-				
TOTAL, UNDERGROUND MINES--	-		-		-		-				
<b>SURFACE MINES:</b>											
STRIP MINES-----	-		1		-		1				
CULM BANK-----	-		-		-		-				
DREDGE-----	-		-		-		-				
TOTAL, SURFACE MINES-----	-		1		-		1				
TOTAL, PRODUCTION MINING--	-		1		-		1				
PREPARATION PLANTS-----	-		-		-		-				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	-		-		-		-				
TOTAL, ANTHRACITE MINING--	-		1		-		1				
<b>ALL COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	1	.03	121	3.35	24	.66	146	4.04	5,784	7,219,969	246,040
SURFACE-----	2	.05	34	.84	20	.49	56	1.38	8,449	8,141,935	-
TOTAL, UNDERGROUND MINES--	3	.04	155	2.02	44	.57	202	2.63	14,233	15,361,904	246,040
<b>SURFACE MINES:</b>											
STRIP MINES-----	1	.01	116	1.07	60	.55	177	1.63	20,278	21,653,963	219,410
AUGER MINES-----	-		3	3.84	-		3	3.84	290	156,265	-
CULM BANK-----	-		-		-		-		620	573,503	15,522
DREDGE-----	-		-		-		-		71	38,719	-
TOTAL, SURFACE MINES-----	1	.01	119	1.06	60	.54	180	1.61	21,259	22,422,450	234,932
TOTAL, PRODUCTION MINING--	4	.02	274	1.45	104	.55	382	2.02	35,492	37,784,354	480,972
PREPARATION PLANTS-----	-		84	1.77	42	.89	126	2.66	8,063	9,473,422	-
INDEPENDENT SHOPS/YARDS-----	-		3	1.06	-		3	1.06	465	567,975	-
TOTAL, OTHER OPERATIONS---	-		87	1.73	42	.84	129	2.57	8,528	10,041,397	-
TOTAL, ALL COAL-----	4	.02	361	1.51	146	.61	511	2.14	44,020	47,825,751	480,972
<b>OFFICEWORKERS:</b>											
<b>BITUMINOUS:</b>											
BITUMINOUS-----	-		1		3		4				
<b>ANTHRACITE:</b>											
ANTHRACITE-----	-		-		-		-				
TOTAL, OFFICEWORKERS-----	-		1	.07	3	.21	4	.28	2,304	2,884,956	-
<b>GRAND TOTAL-----</b>	<b>4</b>	<b>.02</b>	<b>362</b>	<b>1.43</b>	<b>149</b>	<b>.59</b>	<b>515</b>	<b>2.03</b>	<b>46,324</b>	<b>50,710,707</b>	<b>480,972</b>