



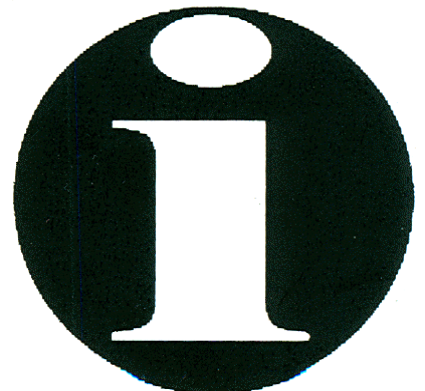
# Injury Experience in Sand and Gravel Mining, 2011

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for Mine Safety and Health

IR 1362  
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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.

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# INJURY EXPERIENCE IN SAND AND GRAVEL MINING, 2011

by

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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 2011. Data reported by operators of mining establishments concerning work injuries are summarized by work location, accident classification, part of body injured, nature of injury, and occupation. Related information on employment, worktime, and operating activity also is presented. Data reported by independent contractors performing certain work at mining locations are depicted separately in this report. For ease of comparison with other metal and nonmetallic mineral mining industries and with coal mining, summary reference tabulations are included at the end of both the operator and the contractor sections of this report.

## INTRODUCTION

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

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

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

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

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

## SCOPE OF STATISTICS

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

Entrapment. Accidents involving entrapment of persons.

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

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

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

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

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

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

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

Handtools. Accidents related to nonpowered tools.

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

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

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

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

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

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

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

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

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

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

Other. Accidents not elsewhere classified.

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

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

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

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<sup>2</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

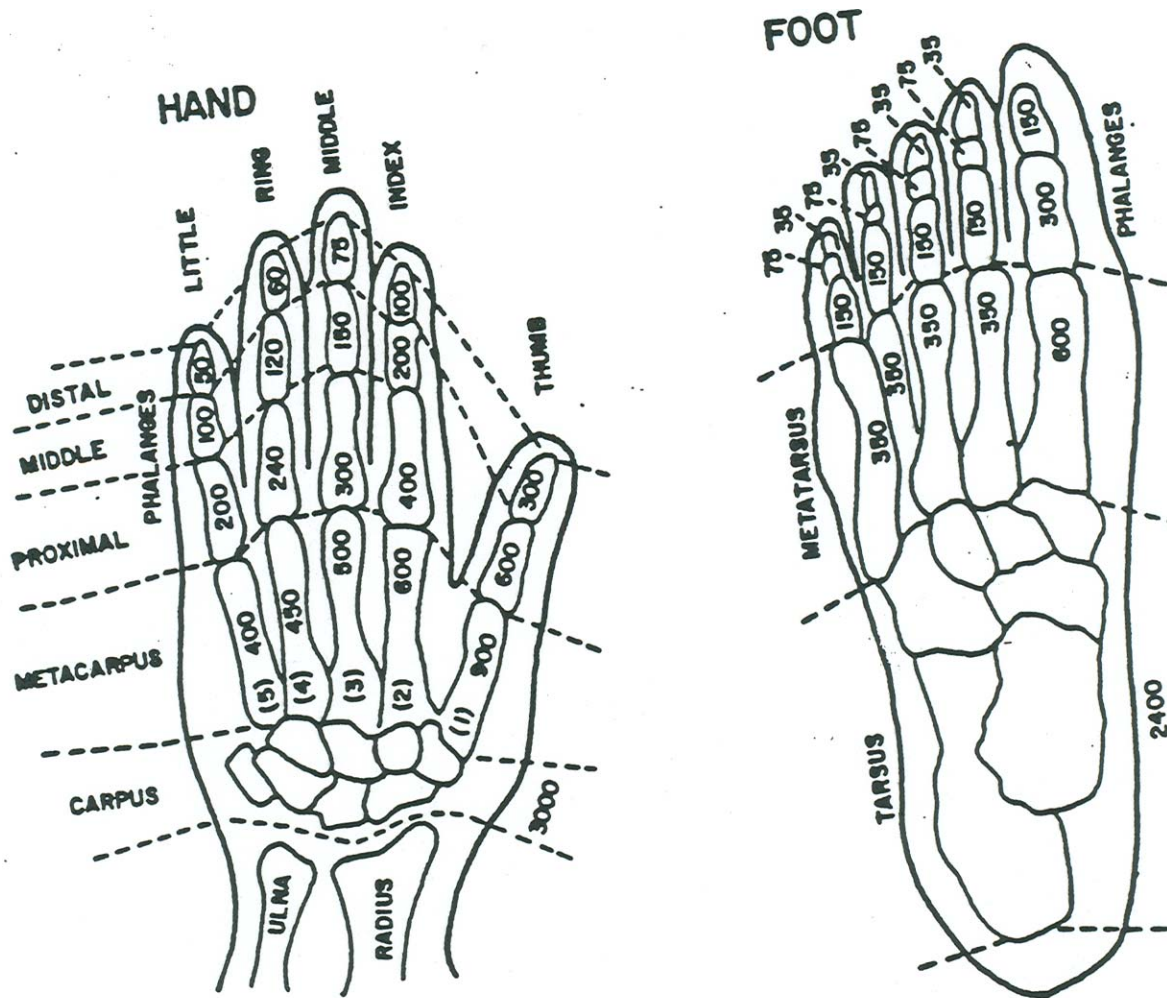
The following reference guide facilitates locating particular data elements contained in the annual statistical tables for operators. A comparable guide precedes the contractor section of this report. The number appearing in each cell indicates the table number in which that particular element may be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

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



**Note:**  
 Numbers shown on diagrams are statutory charges of lost workdays for loss of all or part of bone.  
 Proportional charges may be computed based on medical determination of percentage loss of use.

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

# 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
-------	-----	------

• pm      • pm

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

• Male  
• Female

15. Date of Birth \_\_\_\_\_

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).

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

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

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) \_\_\_\_\_

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

30. Number of Days Away from Work (if none, enter 0) \_\_\_\_\_

31. Number of Days Restricted Work Activity (if none, enter 0) \_\_\_\_\_

Person Completing Form (name) \_\_\_\_\_ Title \_\_\_\_\_

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

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)**



TABLE 1. - GENERAL STATISTICS ON INJURY EXPERIENCE AND WORKTIME, AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
<b>NUMBER OF INJURIES:</b>										
FATAL-----	5	3	3	1	3	5	3	3	1	3
NFDL-----	657	550	371	412	371	661	554	378	416	379
TOTAL LWD INJURIES-----	662	553	374	413	374	666	557	381	417	382
NDL-----	302	281	211	202	216	308	284	212	202	218
TOTAL INJURIES-----	964	834	585	615	590	974	841	593	619	600
<b>INCIDENCE RATES:</b>										
FATAL-----	.01	.01	.01	(*)	.01	.01	.01	.01	(*)	.01
NFDL-----	1.97	1.91	1.57	1.79	1.57	1.72	1.66	1.37	1.55	1.39
ALL LWD INJURIES-----	1.98	1.92	1.58	1.79	1.58	1.74	1.67	1.38	1.56	1.40
NDL-----	.90	.97	.89	.88	.91	.80	.85	.77	.76	.80
ALL INJURIES-----	2.89	2.89	2.47	2.67	2.50	2.54	2.52	2.15	2.31	2.20
<b>SEVERITY MEASURES:</b>										
FATAL-----	90	62	76	26	76	78	54	65	22	66
NFDL-----	91	90	69	116	68	80	78	60	101	62
ALL LWD INJURIES-----	181	152	146	142	144	158	132	126	123	128
<b>AVERAGE SEVERITY:</b>										
PERMANENT PARTIAL-----	101	692	124	1,336	85	101	692	124	1,336	85
TEMPORARY NFDL-----	36	41	43	43	43	36	41	43	43	44
ALL LWD INJURIES-----	91	79	92	79	91	91	79	91	79	91
<b>AVERAGE NUMBER OF EMPLOYEES----</b>	38,182	35,158	30,813	29,545	29,773	45,761	42,307	37,510	35,993	36,131
<b>EMPLOYEE-HOURS WORKED-----</b>	66,826,618	57,685,466	47,305,536	46,096,692	47,280,230	76,680,439	66,686,120	55,205,544	53,508,979	54,495,415
<b>AVERAGE HOURS PER EMPLOYEE</b>										
PER YEAR-----	1,750	1,641	1,535	1,560	1,588	1,676	1,576	1,472	1,487	1,508
<b>OPERATIONS REPORTED:</b>										
NUMBER OF OPERATIONS-----	7,125	7,041	6,878	6,752	6,696	7,199	7,132	6,980	6,863	6,803
ASSOCIATED WORK LOCATIONS----	-	-	-	-	-	4,293	4,238	4,113	3,999	4,036

TABLE 2. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011

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-----	1	-	2	56	58	59	39	98	.02	1.11	1.13	.74	1.87	115	46	160	9,855	10,476,837	4,319	-		
5 - 9-----	1	-	1	92	93	94	59	153	.02	1.59	1.61	1.01	2.62	103	64	167	7,239	11,666,249	1,134	-		
10 - 19-----	1	-	-	80	80	81	34	115	.02	1.67	1.69	.71	2.41	126	76	202	5,029	9,560,422	395	-		
20 - 34-----	-	-	-	39	39	39	16	55	-	1.88	1.88	.77	2.66	-	78	78	1,949	4,137,936	78	-		
35 - 49-----	-	-	1	19	20	20	13	33	-	2.07	2.07	1.34	3.41	-	86	86	900	1,936,931	23	-		
50 - 99-----	-	-	1	11	12	12	10	22	-	1.34	1.34	1.12	2.46	-	42	42	844	1,787,348	13	-		
TOTAL OR AVERAGE-----	3	-	5	297	302	305	171	476	.02	1.53	1.54	.86	2.41	91	64	155	25,816	39,565,723	5,962	-		
<b>DREDGE:</b>																						
1 - 4-----	-	-	-	11	11	11	8	19	-	1.25	1.25	.91	2.16	-	57	57	1,127	1,761,175	436	-		
5 - 9-----	-	-	-	34	34	34	21	55	-	2.65	2.65	1.64	4.28	-	134	134	1,306	2,568,708	203	-		
10 - 19-----	-	-	-	16	16	16	9	25	-	1.45	1.45	.82	2.26	-	85	85	1,012	2,207,601	77	-		
20 - 34-----	-	-	-	7	7	7	7	14	-	1.39	1.39	1.39	2.79	-	72	72	449	1,004,134	17	-		
50 - 99-----	-	-	-	1	1	1	-	1	-	1.16	1.16	-	1.16	-	17	17	63	172,889	1	-		
TOTAL OR AVERAGE-----	-	-	-	69	69	69	45	114	-	1.79	1.79	1.17	2.96	-	92	92	3,957	7,714,507	734	-		
<b>TOTAL OR AVERAGE, MINING:</b>																						
1 - 4-----	1	-	2	67	69	70	47	117	.02	1.13	1.14	.77	1.91	98	47	145	10,982	12,238,012	4,755	-		
5 - 9-----	1	-	1	126	127	128	80	208	.01	1.78	1.80	1.12	2.92	84	77	161	8,545	14,234,957	1,337	-		
10 - 19-----	1	-	-	96	96	97	43	140	.02	1.63	1.65	.73	2.38	102	78	180	6,041	11,768,023	472	-		
20 - 34-----	-	-	-	46	46	46	23	69	-	1.79	1.79	.89	2.68	-	77	77	2,398	5,142,070	95	-		
35 - 49-----	-	-	1	19	20	20	13	33	-	2.07	2.07	1.34	3.41	-	86	86	900	1,936,931	23	-		
50 - 99-----	-	-	1	12	13	13	10	23	-	1.33	1.33	1.02	2.35	-	40	40	907	1,960,237	14	-		
TOTAL OR AVERAGE-----	3	-	5	366	371	374	216	590	.01	1.57	1.58	.91	2.50	76	68	144	29,773	47,280,230	6,696	-		
<b>OFFICE:</b>																						
1 - 4-----	-	-	-	8	8	8	2	10	-	.28	.28	.07	.36	-	23	23	5,464	5,614,870	105	3,918		
5 - 9-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	605	1,076,356	2	97		
10 - 19-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	244	448,120	-	19		
20 - 34-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	75,839	-	2		
TOTAL OR AVERAGE-----	-	-	-	8	8	8	2	10	-	.22	.22	.06	.28	-	18	18	6,358	7,215,185	107	4,036		
<b>GRAND TOTAL OR AVERAGE:</b>																						
1 - 4-----	1	-	2	75	77	78	49	127	.01	.86	.87	.55	1.42	67	40	107	16,446	17,852,882	4,860	3,918		
5 - 9-----	1	-	1	126	127	128	80	208	.01	1.66	1.67	1.04	2.72	78	71	150	9,150	15,311,313	1,339	97		
10 - 19-----	1	-	-	96	96	97	43	140	.02	1.57	1.59	.70	2.29	98	75	173	6,285	12,216,143	472	19		
20 - 34-----	-	-	-	46	46	46	23	69	-	1.76	1.76	.88	2.64	-	76	76	2,443	5,217,909	95	2		
35 - 49-----	-	-	1	19	20	20	13	33	-	2.07	2.07	1.34	3.41	-	86	86	900	1,936,931	23	-		
50 - 99-----	-	-	1	12	13	13	10	23	-	1.33	1.33	1.02	2.35	-	40	40	907	1,960,237	14	-		
TOTAL OR AVERAGE-----	3	-	5	374	379	382	218	600	.01	1.39	1.40	.80	2.20	66	62	128	36,131	54,495,415	6,803	4,036		

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, 2011

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-----	1	-	2	56	58	59	39	98	6,000	-	175	2,229	2,404	8,404	88	40	142
5 - 9-----	1	-	1	92	93	94	59	153	6,000	-	75	3,655	3,730	9,730	75	40	104
10 - 19-----	1	-	-	80	80	81	34	115	6,000	-	-	3,647	3,647	9,647	-	46	119
20 - 34-----	-	-	-	39	39	39	16	55	-	-	-	1,612	1,612	1,612	-	41	41
35 - 49-----	-	-	1	19	20	20	13	33	-	-	100	735	835	835	100	39	42
50 - 99-----	-	-	1	11	12	12	10	22	-	-	75	302	377	377	75	27	31
TOTAL OR AVERAGE-----	3	-	5	297	302	305	171	476	18,000	-	425	12,180	12,605	30,605	85	41	100
<b>DREDGE:</b>																	
1 - 4-----	-	-	-	11	11	11	8	19	-	-	-	499	499	499	-	45	45
5 - 9-----	-	-	-	34	34	34	21	55	-	-	-	1,722	1,722	1,722	-	51	51
10 - 19-----	-	-	-	16	16	16	9	25	-	-	-	940	940	940	-	59	59
20 - 34-----	-	-	-	7	7	7	7	14	-	-	-	363	363	363	-	52	52
50 - 99-----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
TOTAL OR AVERAGE-----	-	-	-	69	69	69	45	114	-	-	-	3,539	3,539	3,539	-	51	51
<b>TOTAL OR AVERAGE, MINING:</b>																	
1 - 4-----	1	-	2	67	69	70	47	117	6,000	-	175	2,728	2,903	8,903	88	41	127
5 - 9-----	1	-	1	126	127	128	80	208	6,000	-	75	5,377	5,452	11,452	75	43	89
10 - 19-----	1	-	-	96	96	97	43	140	6,000	-	-	4,587	4,587	10,587	-	48	109
20 - 34-----	-	-	-	46	46	46	23	69	-	-	-	1,975	1,975	1,975	-	43	43
35 - 49-----	-	-	1	19	20	20	13	33	-	-	100	735	835	835	100	39	42
50 - 99-----	-	-	1	12	13	13	10	23	-	-	75	317	392	392	75	26	30
TOTAL OR AVERAGE-----	3	-	5	366	371	374	216	590	18,000	-	425	15,719	16,144	34,144	85	43	91
<b>OFFICE:</b>																	
1 - 4-----	-	-	-	8	8	8	2	10	-	-	-	635	635	635	-	79	79
5 - 9-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 - 19-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 - 34-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	8	8	8	2	10	-	-	-	635	635	635	-	79	79
<b>GRAND TOTAL OR AVERAGE:</b>																	
1 - 4-----	1	-	2	75	77	78	49	127	6,000	-	175	3,363	3,538	9,538	88	45	122
5 - 9-----	1	-	1	126	127	128	80	208	6,000	-	75	5,377	5,452	11,452	75	43	89
10 - 19-----	1	-	-	96	96	97	43	140	6,000	-	-	4,587	4,587	10,587	-	48	109
20 - 34-----	-	-	-	46	46	46	23	69	-	-	-	1,975	1,975	1,975	-	43	43
35 - 49-----	-	-	1	19	20	20	13	33	-	-	100	735	835	835	100	39	42
50 - 99-----	-	-	1	12	13	13	10	23	-	-	75	317	392	392	75	26	30
TOTAL OR AVERAGE-----	3	-	5	374	379	382	218	600	18,000	-	425	16,354	16,779	34,779	85	44	91

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011

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:																						
ALABAMA-----	-	-	-	2	2	2	-	2	-	.53	.53	-	.53	-	59	59	365	760,932	51	-		
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	359	281,302	82	-		
ARIZONA-----	-	-	-	16	16	16	7	23	-	1.61	1.61	.71	2.32	-	110	110	1,265	1,981,502	203	-		
ARKANSAS-----	-	-	-	7	7	7	4	11	-	1.76	1.76	1.01	2.77	-	31	31	413	793,300	49	-		
CALIFORNIA-----	-	-	-	45	45	45	16	61	-	2.00	2.00	.71	2.71	-	106	106	2,465	4,509,821	333	-		
COLORADO-----	-	-	-	8	8	8	3	11	-	1.20	1.20	.45	1.65	-	58	58	965	1,334,080	255	-		
CONNECTICUT-----	-	-	-	2	2	2	1	3	-	1.32	1.32	.66	1.97	-	23	23	212	303,975	64	-		
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	18,416	3	-		
FLORIDA-----	-	-	-	-	-	-	1	1	-	-	-	1.58	1.58	-	-	-	69	126,854	20	-		
GEORGIA-----	-	-	-	3	3	3	-	3	-	2.06	2.06	-	2.06	-	195	195	159	290,614	13	-		
HAWAII-----	-	-	-	1	1	1	1	2	-	3.18	3.18	3.18	6.36	-	1,144	1,144	76	62,930	27	-		
IDAHO-----	1	-	-	1	1	2	3	5	.33	.33	.67	1.00	1.67	2,003	9	2,012	606	599,140	155	-		
ILLINOIS-----	-	-	-	1	1	1	1	2	-	.40	.40	.40	.79	-	(*)	(*)	326	505,850	78	-		
INDIANA-----	-	-	-	4	4	4	4	8	-	1.30	1.30	1.30	2.60	-	47	47	346	615,404	95	-		
IOWA-----	-	-	-	5	5	5	1	6	-	1.61	1.61	.32	1.93	-	18	18	465	621,038	126	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	109	115,495	38	-		
KENTUCKY-----	-	-	-	-	-	-	1	1	-	-	-	1.75	1.75	-	-	-	66	114,412	13	-		
LOUISIANA-----	-	-	-	-	-	-	1	1	-	-	-	.68	.68	-	-	-	169	292,241	41	-		
MAINE-----	-	-	-	2	2	2	1	3	-	.81	.81	.40	1.21	-	11	11	436	495,570	161	-		
MARYLAND-----	-	-	-	5	5	5	2	7	-	2.51	2.51	1.00	3.52	-	134	134	194	398,106	21	-		
MASSACHUSETTS-----	-	-	-	1	1	1	-	1	-	.50	.50	-	.50	-	26	26	313	402,156	94	-		
MICHIGAN-----	-	-	-	8	8	8	4	12	-	1.23	1.23	.61	1.84	-	69	69	1,057	1,304,926	353	-		
MINNESOTA-----	1	-	1	5	6	7	11	18	.14	.82	.95	1.50	2.45	817	29	846	1,237	1,468,643	464	-		
MISSISSIPPI-----	-	-	-	8	8	8	5	13	-	2.24	2.24	1.40	3.64	-	39	39	402	714,574	63	-		
MISSOURI-----	-	-	-	3	3	3	5	8	-	1.46	1.46	2.43	3.88	-	22	22	252	411,972	55	-		
MONTANA-----	-	-	-	4	4	4	4	9	-	1.50	1.50	1.87	3.37	-	67	67	610	534,081	215	-		
NEBRASKA-----	-	-	-	3	3	3	3	3	-	2.15	2.15	-	2.15	-	10	10	173	278,964	32	-		
NEVADA-----	-	-	-	5	6	6	1	7	-	1.51	1.51	.25	1.76	-	104	104	572	794,618	113	-		
NEW HAMPSHIRE-----	-	-	-	3	3	3	1	4	-	1.44	1.44	.48	1.92	-	150	150	327	417,384	95	-		
NEW JERSEY-----	-	-	-	6	6	6	1	7	-	2.79	2.79	.46	3.25	-	49	49	236	430,191	41	-		
NEW MEXICO-----	-	-	1	4	5	5	1	6	-	1.55	1.55	.31	1.86	-	71	71	483	646,310	106	-		
NEW YORK-----	1	-	-	11	11	12	5	17	.13	1.39	1.51	.63	2.15	757	41	798	1,179	1,585,022	386	-		
NORTH CAROLINA-----	-	-	1	2	3	3	6	9	-	.62	.62	1.24	1.86	-	61	61	591	969,149	76	-		
NORTH DAKOTA-----	-	-	-	5	5	5	2	7	-	1.16	1.16	.46	1.62	-	60	60	650	864,750	179	-		
OHIO-----	-	-	-	4	4	4	7	11	-	.72	.72	1.26	1.97	-	22	22	622	1,114,906	140	-		
OKLAHOMA-----	-	-	-	2	2	2	-	2	-	1.71	1.71	-	1.71	-	27	27	133	233,914	28	-		
OREGON-----	-	-	-	11	11	11	2	13	-	3.72	3.72	.68	4.40	-	139	139	431	590,778	91	-		
PENNSYLVANIA-----	-	-	-	8	8	8	6	14	-	2.05	2.05	1.54	3.59	-	160	160	436	780,542	91	-		
PUERTO RICO-----	-	-	-	5	5	5	5	5	-	4.23	4.23	-	4.23	-	190	190	160	236,458	31	-		
RHODE ISLAND-----	-	-	-	3	3	3	1	4	-	3.69	3.69	1.23	4.92	-	36	36	95	162,552	21	-		
SOUTH CAROLINA-----	-	-	-	3	3	3	2	5	-	1.62	1.62	1.08	2.70	-	11	11	197	370,983	31	-		
SOUTH DAKOTA-----	-	-	-	8	8	8	5	13	-	2.77	2.77	1.73	4.51	-	136	136	422	576,838	135	-		
TENNESSEE-----	-	-	-	3	3	3	-	3	-	1.69	1.69	-	1.69	-	30	30	191	354,690	29	-		
TEXAS-----	-	-	-	38	38	38	15	53	-	1.63	1.63	.64	2.27	-	51	51	2,078	4,668,442	246	-		
UTAH-----	-	-	-	9	9	9	11	20	-	1.29	1.29	1.57	2.86	-	24	24	981	1,399,915	202	-		
VERMONT-----	-	-	-	1	1	1	2	3	-	.90	.90	1.80	2.70	-	156	156	212	222,410	83	-		
VIRGINIA-----	-	-	-	6	6	6	-	6	-	2.98	2.98	-	2.98	-	68	68	205	403,012	33	-		
WASHINGTON-----	-	-	-	9	9	9	15	24	-	1.38	1.38	2.29	3.67	-	10	10	894	1,307,540	189	-		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4,448	2	-		
WISCONSIN-----	-	-	-	8	8	8	6	14	-	1.06	1.06	.80	1.86	-	23	23	1,129	1,506,215	386	-		
WYOMING-----	-	-	1	9	10	10	5	15	-	3.40	3.40	1.70	5.10	-	109	109	468	588,358	124	-		
TOTAL OR AVERAGE-----	3	-	5	297	302	305	171	476	.02	1.53	1.54	.86	2.41	91	64	155	25,816	39,565,723	5,962	-		

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011 (CONTINUED)

WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPO- RARY	TOTAL NFDL																	
		TOTAL	PARTIAL																			
DREDDGE:																						
ALABAMA-----	-	-	-	-	-	-	1	1	-	-	-	1.78	1.78	-	-	-	69	112,379	16	-	-	
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	8,296	1	-	-	
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	300	1	-	-	
ARKANSAS-----	-	-	-	-	1	1	4	5	-	.82	.82	3.28	4.10	-	25	25	104	243,643	10	-	-	
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	157,307	3	-	-	
COLORADO-----	-	-	-	-	2	2	2	2	-	5.22	5.22	5.22	10.44	-	133	133	24	76,626	3	-	-	
DELAWARE-----	-	-	-	-	1	1	1	2	-	3.47	3.47	3.47	6.94	-	14	14	27	57,626	5	-	-	
FLORIDA-----	-	-	-	-	1	1	1	1	-	.47	.47	-	.47	-	4	4	213	423,060	29	-	-	
GEORGIA-----	-	-	-	-	1	1	1	1	-	.95	.95	-	.95	-	138	138	111	211,183	30	-	-	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1,096	1	-	-	
ILLINOIS-----	-	-	-	-	-	-	3	3	-	-	-	2.59	2.59	-	-	-	125	232,070	29	-	-	
INDIANA-----	-	-	-	-	4	4	4	5	-	2.01	2.01	2.51	4.51	-	57	57	200	398,883	31	-	-	
IOWA-----	-	-	-	-	2	2	2	2	-	2.24	2.24	-	2.24	-	402	402	111	178,693	26	-	-	
KANSAS-----	-	-	-	-	7	7	7	4	-	3.99	3.99	2.28	6.26	-	261	261	197	351,200	59	-	-	
KENTUCKY-----	-	-	-	-	-	-	1	1	-	-	-	1.61	1.61	-	-	-	70	123,883	11	-	-	
LOUISIANA-----	-	-	-	-	8	8	8	1	-	1.72	1.72	.22	1.94	-	64	64	443	929,108	79	-	-	
MARYLAND-----	-	-	-	-	3	3	3	1	-	15.36	15.36	5.12	20.48	-	26	26	27	39,068	3	-	-	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,164	1	-	-	
MICHIGAN-----	-	-	-	-	3	3	3	1	-	4.23	4.23	1.41	5.64	-	64	64	67	141,727	8	-	-	
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	34,367	6	-	-	
MISSISSIPPI-----	-	-	-	-	2	2	2	2	-	2.61	2.61	-	2.61	-	569	569	84	153,130	19	-	-	
MISSOURI-----	-	-	-	-	3	3	3	2	-	1.90	1.90	1.26	3.16	-	56	56	162	316,548	29	-	-	
NEBRASKA-----	-	-	-	-	6	6	6	5	-	1.80	1.80	1.50	3.30	-	168	168	395	666,005	115	-	-	
NEW JERSEY-----	-	-	-	-	6	6	6	2	-	3.26	3.26	1.09	4.34	-	148	148	174	368,432	18	-	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	125,937	9	-	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	73,315	18	-	-	
OHIO-----	-	-	-	-	4	4	4	4	-	1.33	1.33	1.33	2.66	-	43	43	296	601,917	44	-	-	
OKLAHOMA-----	-	-	-	-	3	3	3	1	-	1.28	1.28	.43	1.71	-	6	6	224	467,600	42	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	2,010	1	-	-	
PENNSYLVANIA-----	-	-	-	-	1	1	1	1	-	1.29	1.29	1.29	2.57	-	19	19	80	155,369	8	-	-	
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2,062	2	-	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	61,336	13	-	-	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1,347	2	-	-	
TENNESSEE-----	-	-	-	-	4	4	4	1	-	4.75	4.75	1.19	5.94	-	316	316	76	168,376	13	-	-	
TEXAS-----	-	-	-	-	4	4	4	5	-	1.09	1.09	1.36	2.45	-	48	48	339	734,980	30	-	-	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	16,670	7	-	-	
WASHINGTON-----	-	-	-	-	2	2	2	2	-	11.04	11.04	-	11.04	-	149	149	21	36,223	5	-	-	
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	19,209	1	-	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	17,406	5	-	-	
WYOMING-----	-	-	-	-	1	1	1	-	-	40.36	40.36	-	40.36	-	1,574	1,574	4	4,956	1	-	-	
TOTAL OR AVERAGE-----	-	-	-	-	69	69	69	45	-	1.79	1.79	1.17	2.96	-	92	92	3,957	7,714,507	734	-	-	

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011 (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:																						
ALABAMA	-	-	-	2	2	2	1	3	-	.46	.46	.23	.69	-	51	51	434	873,311	67	-		
ALASKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	364	289,598	83	-		
ARIZONA	-	-	-	16	16	16	7	23	-	1.61	1.61	.71	2.32	-	110	110	1,267	1,981,802	204	-		
ARKANSAS	-	-	-	8	8	8	8	16	-	1.54	1.54	1.54	3.09	-	30	30	517	1,036,943	59	-		
CALIFORNIA	-	-	-	45	45	45	16	61	-	1.93	1.93	.69	2.61	-	102	102	2,532	4,667,128	336	-		
COLORADO	-	-	-	10	10	10	5	15	-	1.42	1.42	.71	2.13	-	62	62	989	1,410,706	258	-		
CONNECTICUT	-	-	-	2	2	2	1	3	-	1.32	1.32	.66	1.97	-	23	23	212	303,975	64	-		
DELAWARE	-	-	-	1	1	1	1	2	-	2.63	2.63	2.63	5.26	-	11	11	38	76,042	8	-		
FLORIDA	-	-	-	1	1	1	1	2	-	.36	.36	.36	.73	-	3	3	282	549,914	49	-		
GEORGIA	-	-	-	4	4	4	-	4	-	1.59	1.59	-	1.59	-	171	171	270	501,797	43	-		
HAWAII	-	-	-	1	1	1	1	2	-	3.18	3.18	3.18	6.36	-	1,144	1,144	76	62,930	27	-		
IDAHO	1	-	-	1	1	2	3	5	.33	.33	.67	1.00	1.67	1,999	9	2,009	611	600,236	156	-		
ILLINOIS	-	-	-	1	1	1	4	5	-	.27	.27	1.08	1.36	-	(*)	(*)	451	737,920	107	-		
INDIANA	-	-	-	8	8	8	9	17	-	1.58	1.58	1.77	3.35	-	51	51	546	1,014,287	126	-		
IOWA	-	-	-	7	7	7	1	8	-	1.75	1.75	.25	2.00	-	104	104	576	799,731	152	-		
KANSAS	-	-	-	7	7	7	4	11	-	3.00	3.00	1.71	4.71	-	197	197	306	466,695	97	-		
KENTUCKY	-	-	-	-	-	-	2	2	-	-	-	1.68	1.68	-	-	-	136	238,295	24	-		
LOUISIANA	-	-	-	8	8	8	2	10	-	1.31	1.31	.33	1.64	-	49	49	612	1,221,349	120	-		
MAINE	-	-	-	2	2	2	1	3	-	.81	.81	.40	1.21	-	11	11	436	495,570	161	-		
MARYLAND	-	-	-	8	8	8	3	11	-	3.66	3.66	1.37	5.03	-	124	124	221	437,174	24	-		
MASSACHUSETTS	-	-	-	1	1	1	-	-	-	.50	.50	-	.50	-	26	26	314	403,320	95	-		
MICHIGAN	-	-	-	11	11	11	5	16	-	1.52	1.52	.69	2.21	-	69	69	1,124	1,446,653	361	-		
MINNESOTA	1	-	1	5	6	7	11	18	.13	.80	.93	1.46	2.40	798	28	826	1,263	1,503,010	470	-		
MISSISSIPPI	-	-	-	10	10	10	5	15	-	2.30	2.30	1.15	3.46	-	133	133	486	867,704	82	-		
MISSOURI	-	-	-	6	6	6	7	13	-	1.65	1.65	1.92	3.57	-	37	37	414	728,520	84	-		
MONTANA	-	-	-	4	4	4	5	9	-	1.50	1.50	1.87	3.37	-	67	67	610	534,081	215	-		
NEBRASKA	-	-	-	9	9	9	5	14	-	1.90	1.90	1.06	2.96	-	121	121	568	944,969	147	-		
NEVADA	-	-	1	5	6	6	1	7	-	1.51	1.51	.25	1.76	-	104	104	572	794,618	113	-		
NEW HAMPSHIRE	-	-	-	3	3	3	1	4	-	1.44	1.44	.48	1.92	-	150	150	327	417,384	95	-		
NEW JERSEY	-	-	-	12	12	12	3	15	-	3.01	3.01	.75	3.76	-	94	94	410	798,623	59	-		
NEW MEXICO	-	-	1	4	5	5	1	6	-	1.55	1.55	.31	1.86	-	71	71	483	646,310	106	-		
NEW YORK	1	-	-	11	11	12	5	17	.12	1.29	1.40	.58	1.99	701	38	739	1,242	1,710,959	395	-		
NORTH CAROLINA	-	-	1	2	3	3	6	9	-	.58	.58	1.15	1.73	-	57	57	644	1,042,464	94	-		
NORTH DAKOTA	-	-	-	5	5	5	2	7	-	1.16	1.16	.46	1.62	-	60	60	650	864,750	179	-		
OHIO	-	-	-	8	8	8	11	19	-	.93	.93	1.28	2.21	-	30	30	918	1,716,823	184	-		
OKLAHOMA	-	-	-	5	5	5	1	6	-	1.43	1.43	.29	1.71	-	13	13	357	701,514	70	-		
OREGON	-	-	-	11	11	11	2	13	-	3.71	3.71	.67	4.39	-	139	139	438	592,788	92	-		
PENNSYLVANIA	-	-	-	9	9	9	7	16	-	1.92	1.92	1.50	3.42	-	137	137	516	935,911	99	-		
PUERTO RICO	-	-	-	5	5	5	5	5	-	4.19	4.19	-	4.19	-	189	189	164	238,520	33	-		
RHODE ISLAND	-	-	-	3	3	3	1	4	-	3.69	3.69	1.23	4.92	-	36	36	95	162,552	21	-		
SOUTH CAROLINA	-	-	-	3	3	3	2	5	-	1.39	1.39	.93	2.31	-	10	10	238	432,319	44	-		
SOUTH DAKOTA	-	-	-	8	8	8	5	13	-	2.77	2.77	1.73	4.50	-	136	136	426	578,185	137	-		
TENNESSEE	-	-	-	7	7	7	1	8	-	2.68	2.68	.38	3.06	-	122	122	267	523,066	42	-		
TEXAS	-	-	-	42	42	42	20	62	-	1.55	1.55	.74	2.29	-	51	51	2,417	5,403,422	276	-		
UTAH	-	-	-	9	9	9	11	20	-	1.29	1.29	1.57	2.86	-	24	24	981	1,399,915	202	-		
VERMONT	-	-	-	1	1	1	2	3	-	.90	.90	1.80	2.70	-	156	156	212	222,410	83	-		
VIRGINIA	-	-	-	6	6	6	-	6	-	2.86	2.86	-	2.86	-	66	66	219	419,682	40	-		
WASHINGTON	-	-	-	11	11	11	15	26	-	1.64	1.64	2.23	3.87	-	14	14	915	1,343,763	194	-		
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	23,657	3	-		
WISCONSIN	-	-	-	8	8	8	6	14	-	1.05	1.05	.79	1.84	-	23	23	1,141	1,523,621	391	-		
WYOMING	-	-	1	10	11	11	5	16	-	3.71	3.71	1.69	5.39	-	121	121	472	593,314	125	-		
TOTAL OR AVERAGE	3	-	5	366	371	374	216	590	.01	1.57	1.58	.91	2.50	76	68	144	29,773	47,280,230	6,696	-		

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011 (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	123,266	1	49		
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	40,457	1	30		
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	231	299,558	3	119		
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89	148,499	-	45		
ARKANSAS-----	-	-	1	1	1	-	1	-	1.35	1.35	-	1.35	-	16	16	-	539	833,593	3	214		
CALIFORNIA-----	-	-	2	2	2	-	2	-	.48	.48	-	.48	-	86	86	-	172	177,213	2	129		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79	71,999	2	50		
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	30,926	-	8		
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	102,358	2	32		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	54,501	1	21		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	12,296	-	20		
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	44,335	1	68		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113	159,230	1	69		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140	219,325	1	97		
INDIANA-----	-	-	1	1	1	-	1	-	.91	.91	-	.91	-	13	13	-	177	139,842	6	120		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	88,484	-	52		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	57,878	1	12		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152	203,273	-	97		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	143	56,458	2	118		
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	85,056	1	22		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	94,381	2	62		
MASSACHUSETTS-----	-	-	1	1	1	-	1	-	.70	.70	-	.70	-	57	57	-	362	287,201	12	259		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	1.76	1.76	-	-	-	-	374	113,908	27	309		
MINNESOTA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	99	124,871	1	55		
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	102	126,219	3	56		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	116	27,031	3	96		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	94,417	1	58		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	67,220	1	42		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90	84,129	-	70		
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132	239,970	-	45		
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95	46,413	4	72		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	299	313,456	5	210		
NEW YORK-----	-	-	1	1	1	-	1	-	.64	.64	-	.64	-	22	22	-	100	142,152	-	57		
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	1.41	1.41	-	-	-	-	54	14,523	1	48		
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	415,228	-	145		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	148,825	-	53		
OKLAHOMA-----	-	-	1	1	1	-	1	-	2.53	2.53	-	2.53	-	279	279	-	94	78,918	-	49		
OREGON-----	-	-	1	1	1	-	1	-	1.18	1.18	-	1.18	-	30	30	-	112	169,364	-	73		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	68,062	1	25		
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	34,424	-	17		
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	86,918	1	37		
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	34,746	1	47		
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	109,974	-	33		
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	428	707,771	2	223		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	56,733	-	48		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	32,808	2	34		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	68,248	-	31		
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	239	243,843	1	145		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	8,821	-	1		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	312	197,475	11	229		
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	28,589	-	35		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL OR AVERAGE-----	-	-	-	8	8	8	2	10	-	.22	.22	.06	.28	-	18	18	6,358	7,215,185	107	4,036		

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011 (CONTINUED)

WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPORARY	TOTAL NFDL																TOTAL	PARTIAL
		TOTAL	PARTIAL																			
GRAND TOTAL OR AVERAGE:-----	3	-	5	374	379	382	218	600	.01	1.39	1.40	.80	2.20	66	62	128	36, 131	54, 495, 415	6, 803	4, 036		
ALABAMA-----	-	-	-	2	2	2	1	3	-	.40	.40	.20	.60	-	45	45	508	996, 577	68	49		
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	407	330, 055	84	30		
ARIZONA-----	-	-	-	16	16	16	7	23	-	1.40	1.40	.61	2.02	-	96	96	1, 498	2, 281, 360	207	119		
ARKANSAS-----	-	-	-	9	9	9	8	17	-	1.52	1.52	1.35	2.87	-	28	28	606	1, 185, 442	59	45		
CALIFORNIA-----	-	-	-	47	47	47	16	63	-	1.71	1.71	.58	2.29	-	100	100	3, 071	5, 500, 721	339	214		
COLORADO-----	-	-	-	10	10	10	5	15	-	1.26	1.26	.63	1.89	-	55	55	1, 161	1, 587, 919	260	129		
CONNECTICUT-----	-	-	-	2	2	2	1	3	-	1.06	1.06	.53	1.60	-	19	19	291	375, 974	66	50		
DELAWARE-----	-	-	-	1	1	1	1	2	-	1.87	1.87	1.87	3.74	-	7	7	53	106, 968	8	8		
FLORIDA-----	-	-	-	1	1	1	1	2	-	.31	.31	.31	.61	-	3	3	347	652, 272	51	32		
GEORGIA-----	-	-	-	4	4	4	-	4	-	1.44	1.44	-	1.44	-	154	154	303	556, 298	44	21		
HAWAII-----	-	-	-	1	1	1	1	2	-	2.66	2.66	2.66	5.32	-	957	957	98	75, 226	27	20		
IDAHO-----	1	-	-	1	1	2	3	5	.31	.31	.62	.93	1.55	1, 862	9	1, 870	696	644, 571	157	68		
ILLINOIS-----	-	-	-	1	1	1	2	4	-	.22	.22	.89	1.11	-	(*)	(*)	564	897, 150	108	69		
INDIANA-----	-	-	-	9	9	9	9	18	-	1.46	1.46	1.46	2.92	-	44	44	686	1, 233, 612	127	97		
IOWA-----	-	-	-	7	7	7	7	8	-	1.49	1.49	.21	1.70	-	89	89	753	939, 573	158	120		
KANSAS-----	-	-	-	7	7	7	4	11	-	2.52	2.52	1.44	3.96	-	165	165	373	555, 179	97	52		
KENTUCKY-----	-	-	-	-	-	-	2	2	-	-	-	-	1.35	-	-	-	172	296, 173	25	12		
LOUISIANA-----	-	-	-	8	8	8	2	10	-	1.12	1.12	.28	1.40	-	42	42	764	1, 424, 622	120	97		
MAINE-----	-	-	-	2	2	2	1	3	-	.72	.72	.36	1.09	-	10	10	579	552, 028	163	118		
MARYLAND-----	-	-	-	8	8	8	3	11	-	3.06	3.06	1.15	4.21	-	104	104	263	522, 230	25	22		
MASSACHUSETTS-----	-	-	-	1	1	1	-	1	-	.40	.40	-	.40	-	21	21	401	497, 701	97	62		
MICHIGAN-----	-	-	-	12	12	12	5	17	-	1.38	1.38	.58	1.96	-	67	67	1, 486	1, 733, 854	373	259		
MINNESOTA-----	1	-	1	5	6	7	12	19	.12	.74	.87	1.48	2.35	742	26	768	1, 637	1, 616, 918	497	309		
MISSISSIPPI-----	-	-	-	10	10	10	5	15	-	2.01	2.01	1.01	3.02	-	116	116	585	992, 575	83	55		
MISSOURI-----	-	-	-	6	6	6	7	13	-	1.40	1.40	1.64	3.04	-	31	31	516	854, 739	87	56		
MONTANA-----	-	-	-	4	4	4	5	9	-	1.43	1.43	1.78	3.21	-	63	63	726	561, 112	218	96		
NEBRASKA-----	-	-	-	9	9	9	5	14	-	1.73	1.73	.96	2.69	-	110	110	655	1, 039, 386	148	58		
NEVADA-----	-	-	1	5	6	6	1	7	-	1.39	1.39	.23	1.62	-	96	96	643	861, 838	114	42		
NEW HAMPSHIRE-----	-	-	-	3	3	3	1	4	-	1.20	1.20	.40	1.60	-	125	125	417	501, 513	95	70		
NEW JERSEY-----	-	-	-	12	12	12	3	15	-	2.31	2.31	.58	2.89	-	73	73	542	1, 038, 593	59	45		
NEW MEXICO-----	-	-	1	4	5	5	1	6	-	1.44	1.44	.29	1.73	-	67	67	578	692, 723	110	72		
NEW YORK-----	1	-	-	12	12	13	5	18	.10	1.19	1.28	.49	1.78	593	36	628	1, 541	2, 024, 415	400	210		
NORTH CAROLINA-----	-	-	1	2	3	3	7	10	-	.51	.51	1.18	1.69	-	50	50	744	1, 184, 616	94	57		
NORTH DAKOTA-----	-	-	-	5	5	5	2	7	-	1.14	1.14	.45	1.59	-	59	59	704	879, 273	180	48		
OHIO-----	-	-	-	8	8	8	11	19	-	.75	.75	1.03	1.78	-	24	24	1, 168	2, 132, 051	184	145		
OKLAHOMA-----	-	-	-	5	5	5	1	6	-	1.18	1.18	.24	1.41	-	10	10	444	850, 339	70	53		
OREGON-----	-	-	-	12	12	12	2	14	-	3.57	3.57	.60	4.17	-	155	155	532	671, 706	92	49		
PENNSYLVANIA-----	-	-	-	10	10	10	7	17	-	1.81	1.81	1.27	3.08	-	120	120	628	1, 105, 275	99	73		
PUERTO RICO-----	-	-	-	5	5	5	5	5	-	3.26	3.26	-	3.26	-	147	147	209	306, 582	34	25		
RHODE ISLAND-----	-	-	-	3	3	3	1	4	-	3.05	3.05	1.02	4.06	-	29	29	124	196, 976	21	17		
SOUTH CAROLINA-----	-	-	-	3	3	3	2	5	-	1.16	1.16	.77	1.93	-	8	8	300	519, 237	45	37		
SOUTH DAKOTA-----	-	-	-	8	8	8	5	13	-	2.61	2.61	1.63	4.24	-	128	128	483	612, 931	138	47		
TENNESSEE-----	-	-	-	7	7	7	1	8	-	2.21	2.21	.32	2.53	-	101	101	332	633, 040	42	33		
TEXAS-----	-	-	-	42	42	42	20	62	-	1.37	1.37	.65	2.03	-	45	45	2, 845	6, 111, 193	278	223		
UTAH-----	-	-	-	9	9	9	11	20	-	1.24	1.24	1.51	2.75	-	23	23	1, 044	1, 456, 648	202	48		
VERMONT-----	-	-	-	1	1	1	2	3	-	.78	.78	1.57	2.35	-	136	136	253	255, 218	85	34		
VIRGINIA-----	-	-	-	6	6	6	-	6	-	2.46	2.46	-	2.46	-	57	57	262	487, 930	40	31		
WASHINGTON-----	-	-	-	11	11	11	15	26	-	1.39	1.39	1.89	3.28	-	12	12	1, 154	1, 587, 606	195	145		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	32, 478	3	1		
WISCONSIN-----	-	-	-	8	8	8	6	14	-	.93	.93	.70	1.63	-	20	20	1, 453	1, 721, 096	402	229		
WYOMING-----	-	-	1	10	11	11	5	16	-	3.54	3.54	1.61	5.15	-	116	116	514	621, 903	125	35		



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, 2011

WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
OPEN PIT:																	
ALABAMA-----	-	-	-	2	2	2	-	2	-	-	-	224	224	224	-	112	112
ARIZONA-----	-	-	-	16	16	16	7	23	-	-	-	1,090	1,090	1,090	-	68	68
ARKANSAS-----	-	-	-	7	7	7	4	11	-	-	-	123	123	123	-	18	18
CALIFORNIA-----	-	-	-	45	45	45	16	61	-	-	-	2,386	2,386	2,386	-	53	53
COLORADO-----	-	-	-	8	8	8	3	11	-	-	-	388	388	388	-	48	48
CONNECTICUT-----	-	-	-	2	2	2	1	3	-	-	-	35	35	35	-	18	18
FLORIDA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	3	3	3	-	3	-	-	-	283	283	283	-	94	94
HAWAII-----	-	-	-	1	1	1	1	2	-	-	-	360	360	360	-	360	360
IDAHO-----	1	-	-	1	1	2	3	5	6,000	-	-	28	28	6,028	-	28	3,014
ILLINOIS-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
INDIANA-----	-	-	-	4	4	4	4	8	-	-	-	145	145	145	-	36	36
IOWA-----	-	-	-	5	5	5	1	6	-	-	-	57	57	57	-	11	11
KENTUCKY-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
LOUISIANA-----	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14
MARYLAND-----	-	-	-	5	5	5	2	7	-	-	-	266	266	266	-	53	53
MASSACHUSETTS-----	-	-	-	1	1	1	4	1	-	-	-	53	53	53	-	53	53
MICHIGAN-----	-	-	-	8	8	8	4	12	-	-	-	453	453	453	-	57	57
MINNESOTA-----	1	-	1	5	6	7	11	18	6,000	-	75	136	211	6,211	75	27	887
MISSISSIPPI-----	-	-	-	8	8	8	5	13	-	-	-	141	141	141	-	18	18
MISSOURI-----	-	-	-	3	3	3	3	8	-	-	-	45	45	45	-	15	15
MONTANA-----	-	-	-	4	4	4	5	9	-	-	-	178	178	178	-	44	44
NEBRASKA-----	-	-	-	3	3	3	-	3	-	-	-	14	14	14	-	5	5
NEVADA-----	-	-	1	5	6	6	1	7	-	-	100	315	415	415	100	63	69
NEW HAMPSHIRE-----	-	-	-	3	3	3	1	4	-	-	-	313	313	313	-	104	104
NEW JERSEY-----	-	-	-	6	6	6	1	7	-	-	-	105	105	105	-	18	18
NEW MEXICO-----	-	-	-	4	5	5	1	6	-	-	75	156	231	75	39	46	
NEW YORK-----	1	-	-	11	11	12	5	17	6,000	-	-	326	326	6,326	-	30	527
NORTH CAROLINA-----	-	-	1	2	3	3	6	9	-	-	75	221	296	75	110	99	
NORTH DAKOTA-----	-	-	-	5	5	5	2	7	-	-	-	260	260	260	-	52	52
OHIO-----	-	-	-	4	4	4	7	11	-	-	-	125	125	125	-	31	31
OKLAHOMA-----	-	-	-	2	2	2	-	2	-	-	-	31	31	31	-	16	16
OREGON-----	-	-	-	11	11	11	2	13	-	-	-	411	411	411	-	37	37
PENNSYLVANIA-----	-	-	-	8	8	8	6	14	-	-	-	625	625	625	-	78	78
PUERTO RICO-----	-	-	-	5	5	5	-	5	-	-	-	225	225	225	-	45	45
RHODE ISLAND-----	-	-	-	3	3	3	1	4	-	-	-	29	29	29	-	10	10
SOUTH CAROLINA-----	-	-	-	3	3	3	2	5	-	-	-	21	21	21	-	7	7
SOUTH DAKOTA-----	-	-	-	8	8	8	5	13	-	-	-	393	393	393	-	49	49
TENNESSEE-----	-	-	-	3	3	3	-	3	-	-	-	54	54	54	-	18	18
TEXAS-----	-	-	-	38	38	38	15	53	-	-	-	1,194	1,194	1,194	-	31	31
UTAH-----	-	-	-	9	9	9	11	20	-	-	-	168	168	168	-	19	19
VERMONT-----	-	-	-	1	1	1	2	3	-	-	-	174	174	174	-	174	174
VIRGINIA-----	-	-	-	6	6	6	-	6	-	-	-	138	138	138	-	23	23
WASHINGTON-----	-	-	-	9	9	9	15	24	-	-	-	66	66	66	-	7	7
WISCONSIN-----	-	-	-	8	8	8	6	14	-	-	-	176	176	176	-	22	22
WYOMING-----	-	-	1	9	10	10	5	15	-	-	100	221	321	100	25	32	
TOTAL OR AVERAGE-----	3	-	5	297	302	305	171	476	18,000	-	425	12,180	12,605	30,605	85	41	100

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, 2011 (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-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
ARKANSAS-----	-	-	-	1	1	1	4	5	-	-	-	30	30	-	30	30	
COLORADO-----	-	-	-	2	2	2	2	4	-	-	-	51	51	-	26	26	
DELAWARE-----	-	-	-	1	1	1	1	2	-	-	-	4	4	-	4	4	
FLORIDA-----	-	-	-	1	1	1	-	1	-	-	-	9	9	-	9	9	
GEORGIA-----	-	-	-	1	1	1	-	1	-	-	-	146	146	-	146	146	
ILLINOIS-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	
INDIANA-----	-	-	-	4	4	4	5	9	-	-	-	114	114	-	28	28	
IOWA-----	-	-	-	2	2	2	-	2	-	-	-	359	359	-	180	180	
KANSAS-----	-	-	-	7	7	7	4	11	-	-	-	459	459	-	66	66	
KENTUCKY-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
LOUISIANA-----	-	-	-	8	8	8	1	9	-	-	-	298	298	-	37	37	
MARYLAND-----	-	-	-	3	3	3	1	4	-	-	-	5	5	-	2	2	
MICHIGAN-----	-	-	-	3	3	3	1	4	-	-	-	45	45	-	15	15	
MISSISSIPPI-----	-	-	-	2	2	2	-	2	-	-	-	436	436	-	218	218	
MISSOURI-----	-	-	-	3	3	3	2	5	-	-	-	88	88	-	29	29	
NEBRASKA-----	-	-	-	6	6	6	5	11	-	-	-	558	558	-	93	93	
NEW JERSEY-----	-	-	-	6	6	6	2	8	-	-	-	272	272	-	45	45	
OHIO-----	-	-	-	4	4	4	4	8	-	-	-	129	129	-	32	32	
OKLAHOMA-----	-	-	-	3	3	3	1	4	-	-	-	13	13	-	4	4	
PENNSYLVANIA-----	-	-	-	1	1	1	1	2	-	-	-	15	15	-	15	15	
TENNESSEE-----	-	-	-	4	4	4	4	5	-	-	-	266	266	-	66	66	
TEXAS-----	-	-	-	4	4	4	5	9	-	-	-	176	176	-	44	44	
WASHINGTON-----	-	-	-	2	2	2	-	2	-	-	-	27	27	-	14	14	
WYOMING-----	-	-	-	1	1	1	-	1	-	-	-	39	39	-	39	39	
TOTAL OR AVERAGE-----	-	-	-	69	69	69	45	114	-	-	-	3,539	3,539	-	51	51	

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, 2011 (CONTINUED)

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							
TOTAL OR AVERAGE, MINING:																	
ALABAMA-----	-	-	-	2	2	16	7	23	-	-	-	224	224	224	-	112	112
ARIZONA-----	-	-	-	16	16	16	8	16	-	-	-	1,090	1,090	1,090	-	68	68
ARKANSAS-----	-	-	-	8	8	8	8	16	-	-	-	153	153	153	-	19	19
CALIFORNIA-----	-	-	-	45	45	45	16	61	-	-	-	2,386	2,386	2,386	-	53	53
COLORADO-----	-	-	-	10	10	10	5	15	-	-	-	439	439	439	-	44	44
CONNECTICUT-----	-	-	-	2	2	2	1	3	-	-	-	35	35	35	-	18	18
DELAWARE-----	-	-	-	1	1	1	1	2	-	-	-	4	4	4	-	4	4
FLORIDA-----	-	-	-	1	1	1	1	2	-	-	-	9	9	9	-	9	9
GEORGIA-----	-	-	-	4	4	4	-	4	-	-	-	429	429	429	-	107	107
HAWAII-----	-	-	-	1	1	1	1	2	-	-	-	360	360	360	-	360	360
IDAHO-----	1	-	-	1	1	2	3	5	6,000	-	-	28	28	6,028	-	28	3,014
ILLINOIS-----	-	-	-	1	1	1	4	5	-	-	-	1	1	1	-	1	1
INDIANA-----	-	-	-	8	8	8	9	17	-	-	-	259	259	259	-	32	32
IOWA-----	-	-	-	7	7	7	1	8	-	-	-	416	416	416	-	59	59
KANSAS-----	-	-	-	7	7	7	4	11	-	-	-	459	459	459	-	66	66
KENTUCKY-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
LOUISIANA-----	-	-	-	8	8	8	2	10	-	-	-	298	298	298	-	37	37
MAINE-----	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14
MARYLAND-----	-	-	-	8	8	8	3	11	-	-	-	271	271	271	-	34	34
MASSACHUSETTS-----	-	-	-	1	1	1	1	1	-	-	-	53	53	53	-	53	53
MICHIGAN-----	-	-	-	11	11	11	5	16	-	-	-	498	498	498	-	45	45
MINNESOTA-----	1	-	1	5	6	7	11	18	6,000	-	75	136	211	6,211	75	27	887
MISSISSIPPI-----	-	-	-	10	10	10	5	15	-	-	-	577	577	577	-	58	58
MISSOURI-----	-	-	-	6	6	6	7	13	-	-	-	133	133	133	-	22	22
MONTANA-----	-	-	-	4	4	4	5	9	-	-	-	178	178	178	-	44	44
NEBRASKA-----	-	-	-	9	9	9	5	14	-	-	-	572	572	572	-	64	64
NEVADA-----	-	-	1	5	6	6	1	7	-	-	100	315	415	415	100	63	69
NEW HAMPSHIRE-----	-	-	-	3	3	3	1	4	-	-	-	313	313	313	-	104	104
NEW JERSEY-----	-	-	-	12	12	12	3	15	-	-	-	377	377	377	-	31	31
NEW MEXICO-----	-	-	1	4	5	5	1	6	-	-	75	156	231	231	75	39	46
NEW YORK-----	1	-	-	11	11	12	5	17	6,000	-	-	326	326	6,326	-	30	527
NORTH CAROLINA-----	-	-	1	2	3	3	6	9	-	-	75	221	296	296	75	110	99
NORTH DAKOTA-----	-	-	-	5	5	5	2	7	-	-	-	260	260	260	-	52	52
OHIO-----	-	-	-	8	8	8	11	19	-	-	-	254	254	254	-	32	32
OKLAHOMA-----	-	-	-	5	5	5	1	6	-	-	-	44	44	44	-	9	9
OREGON-----	-	-	-	11	11	11	2	13	-	-	-	411	411	411	-	37	37
PENNSYLVANIA-----	-	-	-	9	9	9	7	16	-	-	-	640	640	640	-	71	71
Puerto Rico-----	-	-	-	5	5	5	-	5	-	-	-	225	225	225	-	45	45
RHODE ISLAND-----	-	-	-	3	3	3	1	4	-	-	-	29	29	29	-	10	10
SOUTH CAROLINA-----	-	-	-	3	3	3	2	5	-	-	-	21	21	21	-	7	7
SOUTH DAKOTA-----	-	-	-	8	8	8	5	13	-	-	-	393	393	393	-	49	49
TENNESSEE-----	-	-	-	7	7	7	1	8	-	-	-	320	320	320	-	46	46
TEXAS-----	-	-	-	42	42	42	20	62	-	-	-	1,370	1,370	1,370	-	33	33
UTAH-----	-	-	-	9	9	9	11	20	-	-	-	168	168	168	-	19	19
VERMONT-----	-	-	-	1	1	1	2	3	-	-	-	174	174	174	-	174	174
VIRGINIA-----	-	-	-	6	6	6	-	6	-	-	-	138	138	138	-	23	23
WASHINGTON-----	-	-	-	11	11	11	15	26	-	-	-	93	93	93	-	8	8
WISCONSIN-----	-	-	-	8	8	8	6	14	-	-	-	176	176	176	-	22	22
WYOMING-----	-	-	1	10	11	11	5	16	-	-	100	260	360	360	100	26	33
TOTAL OR AVERAGE-----	3	-	5	366	371	374	216	590	18,000	-	425	15,719	16,144	34,144	85	43	91

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, 2011 (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	PERMA-NENT PARTIAL	TEMPO-RARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPO-RARY	TOTAL NFDL					PERMANENT		TEMPO-RARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
OFFICE:-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS-----	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12
CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	358	358	358	-	179	179
INDIANA-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
MICHIGAN-----	-	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82
MINNESOTA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEW YORK-----	-	-	-	1	1	1	-	1	-	-	-	34	34	34	-	34	34
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	1	1	1	-	1	-	-	-	110	110	110	-	110	110
PENNSYLVANIA-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25
TOTAL OR AVERAGE-----	-	-	-	8	8	8	2	10	-	-	-	635	635	635	-	79	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, 2011 (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-----	-	-	-	2	2	2	1	3	-	-	-	224	224	224	-	112	112
ARI ZONA-----	-	-	-	16	16	16	7	23	-	-	-	1,090	1,090	1,090	-	68	68
ARKANSAS-----	-	-	-	9	9	9	8	17	-	-	-	165	165	165	-	18	18
CALI FORNI A-----	-	-	-	47	47	47	16	63	-	-	-	2,744	2,744	2,744	-	58	58
COLORADO-----	-	-	-	10	10	10	5	15	-	-	-	439	439	439	-	44	44
CONNECTI CUT-----	-	-	-	2	2	2	1	3	-	-	-	35	35	35	-	18	18
DELAWARE-----	-	-	-	1	1	1	1	2	-	-	-	4	4	4	-	4	4
FLORI DA-----	-	-	-	1	1	1	1	2	-	-	-	9	9	9	-	9	9
GEORGI A-----	-	-	-	4	4	4	-	4	-	-	-	429	429	429	-	107	107
HAWAI I-----	-	-	-	1	1	1	1	2	-	-	-	360	360	360	-	360	360
I DAHO-----	1	-	-	1	1	2	3	5	6,000	-	-	28	28	6,028	-	28	3,014
ILLINOI S-----	-	-	-	1	1	1	4	5	-	-	-	1	1	1	-	1	1
INDI ANA-----	-	-	-	9	9	9	9	18	-	-	-	273	273	273	-	30	30
IOWA-----	-	-	-	7	7	7	1	8	-	-	-	416	416	416	-	59	59
KANSAS-----	-	-	-	7	7	7	4	11	-	-	-	459	459	459	-	66	66
KENTUCKY-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
LOUI SI ANA-----	-	-	-	8	8	8	2	10	-	-	-	298	298	298	-	37	37
MAI NE-----	-	-	-	2	2	2	1	3	-	-	-	27	27	27	-	14	14
MARYLAND-----	-	-	-	8	8	8	3	11	-	-	-	271	271	271	-	34	34
MASSACHUSETTS-----	-	-	-	1	1	1	-	1	-	-	-	53	53	53	-	53	53
MI CHI GAN-----	-	-	-	12	12	12	5	17	-	-	-	580	580	580	-	48	48
MI NNESOTA-----	1	-	1	5	6	7	12	19	6,000	-	75	136	211	6,211	75	27	887
MI SSI SSI PPI-----	-	-	-	10	10	10	5	15	-	-	-	577	577	577	-	58	58
MI SSOURI-----	-	-	-	6	6	6	7	13	-	-	-	133	133	133	-	22	22
MONTANA-----	-	-	-	4	4	4	5	9	-	-	-	178	178	178	-	44	44
NEBRASKA-----	-	-	-	9	9	9	5	14	-	-	-	572	572	572	-	64	64
NEVADA-----	-	-	1	5	6	6	1	7	-	-	100	315	415	415	100	63	69
NEW HAMPSHI RE-----	-	-	-	3	3	3	1	4	-	-	-	313	313	313	-	104	104
NEW JERSEY-----	-	-	-	12	12	12	3	15	-	-	-	377	377	377	-	31	31
NEW MEXI CO-----	-	-	1	4	5	5	1	6	-	-	75	156	231	231	75	39	46
NEW YORK-----	1	-	-	12	13	13	5	18	6,000	-	-	360	360	6,360	-	30	489
NORTH CAROLI NA-----	-	-	1	2	3	3	7	10	-	-	75	221	296	296	75	110	99
NORTH DAKOTA-----	-	-	-	5	5	5	2	7	-	-	-	260	260	260	-	52	52
OHI O-----	-	-	-	8	8	8	11	19	-	-	-	254	254	254	-	32	32
OKLAHOMA-----	-	-	-	5	5	5	1	6	-	-	-	44	44	44	-	9	9
OREGON-----	-	-	-	12	12	12	2	14	-	-	-	521	521	521	-	43	43
PENNSYLVANI A-----	-	-	-	10	10	10	7	17	-	-	-	665	665	665	-	66	66
PUERTO RI CO-----	-	-	-	5	5	5	-	5	-	-	-	225	225	225	-	45	45
RHODE I SLAND-----	-	-	-	3	3	3	1	4	-	-	-	29	29	29	-	10	10
SOUTH CAROLI NA-----	-	-	-	3	3	3	2	5	-	-	-	21	21	21	-	7	7
SOUTH DAKOTA-----	-	-	-	8	8	8	5	13	-	-	-	393	393	393	-	49	49
TENNESSEE-----	-	-	-	7	7	7	1	8	-	-	-	320	320	320	-	46	46
TEXAS-----	-	-	-	42	42	42	20	62	-	-	-	1,370	1,370	1,370	-	33	33
UTAH-----	-	-	-	9	9	9	11	20	-	-	-	168	168	168	-	19	19
VERMONT-----	-	-	-	1	1	1	2	3	-	-	-	174	174	174	-	174	174
VIRGI NI A-----	-	-	-	6	6	6	-	6	-	-	-	138	138	138	-	23	23
WASHI NGTON-----	-	-	-	11	11	11	15	26	-	-	-	93	93	93	-	8	8
WI SCONSIN-----	-	-	-	8	8	8	6	14	-	-	-	176	176	176	-	22	22
WYOMI NG-----	-	-	1	10	11	11	5	16	-	-	100	260	360	360	100	26	33
TOTAL OR AVERAGE-----	3	-	5	374	379	382	218	600	18,000	-	425	16,354	16,779	34,779	85	44	91

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, 2011

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		TEMPO-RARY	TOTAL NFDL											
		TOTAL	PARTIAL													
SURFACE MINES: OPEN PIT:																
EYE-----	-	-	-	6	6	6	20	26	-	.03	.03	.10	.13	-	(*)	(*)
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	5	6	-	.01	.01	.03	.03	-	(*)	(*)
NOSE-----	-	-	-	1	1	1	1	2	-	.01	.01	.01	.01	-	(*)	(*)
FACE, NEC-----	-	-	-	3	3	3	3	6	-	.02	.02	.02	.03	-	(*)	(*)
HEAD, NEC-----	-	-	-	9	9	9	15	24	-	.05	.05	.08	.12	-	(*)	(*)
NECK-----	-	-	-	3	3	3	2	5	-	.02	.02	.01	.03	-	(*)	(*)
UPPER ARM-----	-	-	-	3	3	3	1	4	-	.02	.02	.01	.02	-	1	1
ELBOW-----	-	-	-	3	3	3	5	8	-	.02	.02	.03	.04	-	1	1
FOREARM-----	-	-	-	7	7	7	7	14	-	.04	.04	.04	.07	-	3	3
WRIST-----	-	-	-	3	3	3	4	7	-	.02	.02	.02	.04	-	(*)	(*)
HAND-----	-	-	1	16	17	17	13	30	-	.09	.09	.07	.15	-	2	2
FINGER(S)-----	-	-	4	42	46	46	39	85	-	.23	.23	.20	.43	-	6	6
UPPER EXTREMITIES, NEC--	-	-	-	9	9	9	6	15	-	.05	.05	.03	.08	-	1	1
ABDOMEN-----	-	-	-	5	5	5	1	6	-	.03	.03	.01	.03	-	1	1
BACK-----	-	-	-	37	37	37	12	49	-	.19	.19	.06	.25	-	7	7
CHEST-----	-	-	-	7	7	7	1	8	-	.04	.04	.01	.04	-	1	1
PELVIC REGION-----	-	-	-	13	13	13	2	15	-	.07	.07	.01	.08	-	2	2
SHOULDER(S)-----	-	-	-	23	23	23	6	29	-	.12	.12	.03	.15	-	10	10
TRUNK, NEC-----	-	-	-	3	3	3	1	4	-	.02	.02	.01	.02	-	1	1
THIGH-----	-	-	-	5	5	5	2	7	-	.03	.03	.01	.04	-	2	2
KNEE-----	-	-	-	34	34	34	5	39	-	.17	.17	.03	.20	-	7	7
LOWER LEG-----	-	-	-	11	11	11	4	15	-	.06	.06	.02	.08	-	3	3
ANKLE-----	-	-	-	19	19	19	2	21	-	.10	.10	.01	.11	-	7	7
FOOT-----	-	-	-	12	12	12	5	17	-	.06	.06	.03	.09	-	2	2
TOE(S)-----	-	-	-	3	3	3	-	3	-	.02	.02	-	.02	-	(*)	(*)
LOWER EXTREMITIES, NEC--	-	-	-	2	2	2	3	5	-	.01	.01	.02	.03	-	(*)	(*)
BODY SYSTEMS-----	1	-	-	2	2	2	3	4	.01	.01	.02	.01	.02	30	(*)	30
MULTIPLE PARTS OF BODY--	2	-	-	14	14	16	4	20	.01	.07	.08	.02	.10	61	6	66
UNCLASSIFIED-----	-	-	-	1	1	1	1	2	-	.01	.01	.01	.01	-	(*)	(*)
TOTAL OR AVERAGE-----	3	-	5	297	302	305	171	476	.02	1.53	1.54	.86	2.41	91	64	155

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, 2011 (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:																
EAR-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
EYE-----	-	-	-	3	3	3	9	12	-	.08	.08	.23	.31	-	(*)	(*)
JAW-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	2	2
NOSE-----	-	-	-	-	-	-	2	2	-	-	-	.05	.05	-	-	-
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
HEAD, NEC-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	2	2
UPPER ARM-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
ELBOW-----	-	-	-	2	2	2	1	3	-	.05	.05	.03	.08	-	(*)	(*)
FOREARM-----	-	-	-	-	-	-	2	2	-	-	-	.05	.05	-	-	-
WRIST-----	-	-	-	3	3	3	-	3	-	.08	.08	-	.08	-	(*)	(*)
HAND-----	-	-	-	3	3	3	3	6	-	.08	.08	.08	.16	-	3	3
FINGER(S)-----	-	-	-	7	7	7	7	14	-	.18	.18	.18	.36	-	2	2
UPPER EXTREMITIES, NEC--	-	-	-	-	-	-	-	1	-	-	-	.03	.03	-	-	-
BACK-----	-	-	-	11	11	11	5	16	-	.29	.29	.13	.41	-	18	18
CHEST-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
PELVIC REGION-----	-	-	-	4	4	4	-	4	-	.10	.10	-	.10	-	3	3
SHOULDER(S)-----	-	-	-	5	5	5	4	9	-	.13	.13	.10	.23	-	7	7
TRUNK, NEC-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
KNEE-----	-	-	-	12	12	12	2	14	-	.31	.31	.05	.36	-	13	13
LOWER LEG-----	-	-	-	3	3	3	1	4	-	.08	.08	.03	.10	-	15	15
ANKLE-----	-	-	-	5	5	5	1	6	-	.13	.13	.03	.16	-	8	8
FOOT-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
LOWER EXTREMITIES, NEC--	-	-	-	4	4	4	1	5	-	.10	.10	.03	.13	-	9	9
MULTIPLE PARTS OF BODY--	-	-	-	2	2	2	2	4	-	.05	.05	.05	.10	-	7	7
TOTAL OR AVERAGE-----	-	-	-	69	69	69	45	114	-	1.79	1.79	1.17	2.96	-	92	92

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, 2011 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
TOTAL OR AVERAGE, MINING:																
EAR-----	-	-	-	-	-	-	1	-	-	-	(*)	(*)	-	-	-	-
EYE-----	-	-	-	9	9	9	29	-	.04	.04	.12	.16	-	(*)	(*)	(*)
JAW-----	-	-	-	-	-	-	1	-	-	-	(*)	(*)	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	5	-	.01	.01	.02	.03	-	-	-	-
NOSE-----	-	-	-	1	1	1	3	-	(*)	(*)	.01	.02	-	(*)	(*)	(*)
FACE, NEC-----	-	-	-	3	3	3	4	-	.01	.01	.02	.03	-	(*)	(*)	(*)
HEAD, NEC-----	-	-	-	10	10	10	15	-	.04	.04	.06	.11	-	(*)	(*)	(*)
NECK-----	-	-	-	3	3	3	2	-	.01	.01	.01	.02	-	(*)	(*)	(*)
UPPER ARM-----	-	-	-	3	3	3	2	-	.01	.01	.01	.02	-	(*)	(*)	(*)
ELBOW-----	-	-	-	5	5	5	6	-	.02	.02	.03	.05	-	1	1	1
FOREARM-----	-	-	-	7	7	7	9	-	.03	.03	.04	.07	-	2	2	2
WRIST-----	-	-	-	6	6	6	4	-	.03	.03	.02	.04	-	(*)	(*)	(*)
HAND-----	-	-	1	19	20	20	16	-	.08	.08	.07	.15	-	2	2	2
FINGER(S)-----	-	-	4	49	53	53	46	-	.22	.22	.19	.42	-	5	5	5
UPPER EXTREMITIES, NEC-----	-	-	-	9	9	9	7	-	.04	.04	.03	.07	-	1	1	1
ABDOMEN-----	-	-	-	5	5	5	1	-	.02	.02	(*)	.03	-	(*)	(*)	(*)
BACK-----	-	-	-	48	48	48	17	-	.20	.20	.07	.27	-	9	9	9
CHEST-----	-	-	-	8	8	8	1	-	.03	.03	(*)	.04	-	1	1	1
PELVIC REGION-----	-	-	-	17	17	17	2	-	.07	.07	.01	.08	-	2	2	2
SHOULDER(S)-----	-	-	-	28	28	28	10	-	.12	.12	.04	.16	-	9	9	9
TRUNK, NEC-----	-	-	-	4	4	4	1	-	.02	.02	(*)	.02	-	1	1	1
THIGH-----	-	-	-	5	5	5	2	-	.02	.02	.01	.03	-	2	2	2
KNEE-----	-	-	-	46	46	46	7	-	.19	.19	.03	.22	-	8	8	8
LOWER LEG-----	-	-	-	14	14	14	5	-	.06	.06	.02	.08	-	5	5	5
ANKLE-----	-	-	-	24	24	24	3	-	.10	.10	.01	.11	-	7	7	7
FOOT-----	-	-	-	13	13	13	5	-	.05	.05	.02	.08	-	2	2	2
TOE(S)-----	-	-	-	3	3	3	-	-	.01	.01	-	.01	-	(*)	(*)	(*)
LOWER EXTREMITIES, NEC-----	-	-	-	6	6	6	4	-	.03	.03	.02	.04	-	1	1	1
BODY SYSTEMS-----	1	-	-	2	2	3	1	(*)	.01	.01	(*)	.02	25	(*)	(*)	25
MULTIPLE PARTS OF BODY-----	2	-	-	16	16	18	6	.01	.07	.08	.03	.10	51	6	57	57
UNCLASSIFIED-----	-	-	-	1	1	1	1	-	(*)	(*)	(*)	.01	-	(*)	(*)	(*)
TOTAL OR AVERAGE-----	3	-	5	366	371	374	216	.01	1.57	1.58	.91	2.50	76	68	144	144
OFFICE:																
UPPER ARM-----	-	-	-	1	1	1	-	-	.03	.03	-	.03	-	2	2	2
WRIST-----	-	-	-	2	2	2	-	-	.06	.06	-	.06	-	5	5	5
HAND-----	-	-	-	-	-	-	1	-	-	-	.03	.03	-	-	-	-
FINGER(S)-----	-	-	-	-	-	-	1	-	-	-	.03	.03	-	-	-	-
PELVIC REGION-----	-	-	-	2	2	2	-	-	.06	.06	-	.06	-	6	6	6
SHOULDER(S)-----	-	-	-	1	1	1	-	-	.03	.03	-	.03	-	(*)	(*)	(*)
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	-	-	.06	.06	-	.06	-	4	4	4
TOTAL OR AVERAGE-----	-	-	-	8	8	8	2	-	.22	.22	.06	.28	-	18	18	18



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, 2011 (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:-----	3	-	5	374	379	382	218	600	.01	1.39	1.40	.80	2.20	66	62	128
EAR-----	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	(*)
EYE-----	-	-	-	9	9	9	29	38	-	.03	.03	.11	.14	-	-	(*)
JAW-----	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	(*)
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	5	7	-	.01	.01	.02	.03	-	-	(*)
NOSE-----	-	-	-	1	1	1	3	4	-	(*)	(*)	.01	.01	-	-	(*)
FACE, NEC-----	-	-	-	3	3	3	4	7	-	.01	.01	.01	.03	-	-	(*)
HEAD, NEC-----	-	-	-	10	10	10	15	25	-	.04	.04	.06	.09	-	-	(*)
NECK-----	-	-	-	3	3	3	2	5	-	.01	.01	.01	.02	-	-	(*)
UPPER ARM-----	-	-	-	4	4	4	2	6	-	.01	.01	.01	.02	-	-	(*)
ELBOW-----	-	-	-	5	5	5	6	11	-	.02	.02	.02	.04	-	-	(*)
FOREARM-----	-	-	-	7	7	7	9	16	-	.03	.03	.03	.06	-	-	(*)
WRIST-----	-	-	-	8	8	8	4	12	-	.03	.03	.01	.04	-	-	(*)
HAND-----	-	-	1	19	20	20	17	37	-	.07	.07	.06	.14	-	-	(*)
FINGER(S)-----	-	-	4	49	53	53	47	100	-	.19	.19	.17	.37	-	-	(*)
UPPER EXTREMITIES, NEC-----	-	-	-	9	9	9	7	16	-	.03	.03	.03	.06	-	-	(*)
ABDOMEN-----	-	-	-	5	5	5	1	6	-	.02	.02	(*)	.02	-	-	(*)
BACK-----	-	-	-	48	48	48	17	65	-	.18	.18	.06	.24	-	-	(*)
CHEST-----	-	-	-	8	8	8	1	9	-	.03	.03	(*)	.03	-	-	(*)
PELVIC REGION-----	-	-	-	19	19	19	2	21	-	.07	.07	.01	.08	-	-	(*)
SHOULDER(S)-----	-	-	-	29	29	29	10	39	-	.11	.11	.04	.14	-	-	(*)
TRUNK, NEC-----	-	-	-	4	4	4	1	5	-	.01	.01	(*)	.02	-	-	(*)
THIGH-----	-	-	-	5	5	5	2	7	-	.02	.02	.01	.03	-	-	(*)
KNEE-----	-	-	-	46	46	46	7	53	-	.17	.17	.03	.19	-	-	(*)
LOWER LEG-----	-	-	-	14	14	14	5	19	-	.05	.05	.02	.07	-	-	(*)
ANKLE-----	-	-	-	24	24	24	3	27	-	.09	.09	.01	.10	-	-	(*)
FOOT-----	-	-	-	13	13	13	5	18	-	.05	.05	.02	.07	-	-	(*)
TOE(S)-----	-	-	-	3	3	3	-	3	-	.01	.01	-	.01	-	-	(*)
LOWER EXTREMITIES, NEC-----	-	-	-	6	6	6	4	10	-	.02	.02	.01	.04	-	-	(*)
BODY SYSTEMS-----	1	-	-	2	2	3	1	4	(*)	.01	.01	(*)	.01	22	(*)	22
MULTIPLE PARTS OF BODY-----	2	-	-	18	18	20	6	26	.01	.07	.07	.02	.10	44	(*)	50
UNCLASSIFIED-----	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	.01	-	(*)	(*)

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, 2011

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT		TEMPORARY					TOTAL NFDL	
		TOTAL	PARTIAL						TOTAL	PARTIAL							
SURFACE MINES:																	
OPEN PIT:																	
EYE-----	-	-	-	6	6	6	20	26	-	-	-	13	13	13	-	2	2
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	5	6	-	-	-	1	1	1	-	1	1
NOSE-----	-	-	-	1	1	1	1	2	-	-	-	30	30	30	-	30	30
FACE, NEC-----	-	-	-	3	3	3	3	6	-	-	-	12	12	12	-	4	4
HEAD, NEC-----	-	-	-	9	9	9	15	24	-	-	-	380	380	380	-	42	42
NECK-----	-	-	-	3	3	3	2	5	-	-	-	35	35	35	-	12	12
UPPER ARM-----	-	-	-	3	3	3	1	4	-	-	-	159	159	159	-	53	53
ELBOW-----	-	-	-	3	3	3	5	8	-	-	-	112	112	112	-	37	37
FOREARM-----	-	-	-	7	7	7	7	14	-	-	-	583	583	583	-	83	83
WRIST-----	-	-	-	3	3	3	4	7	-	-	-	52	52	52	-	17	17
HAND-----	-	-	1	16	17	17	13	30	-	100	373	473	473	100	23	28	
FINGER(S)-----	-	-	4	42	46	46	39	85	-	325	821	1,146	1,146	81	20	25	
UPPER EXTREMITIES, NEC--	-	-	-	9	9	9	6	15	-	-	213	213	213	-	24	24	
ABDOMEN-----	-	-	-	5	5	5	1	6	-	-	113	113	113	-	23	23	
BACK-----	-	-	-	37	37	37	12	49	-	-	1,303	1,303	1,303	-	35	35	
CHEST-----	-	-	-	7	7	7	1	8	-	-	150	150	150	-	21	21	
PELVIC REGION-----	-	-	-	13	13	13	2	15	-	-	396	396	396	-	30	30	
SHOULDER(S)-----	-	-	-	23	23	23	6	29	-	-	1,921	1,921	1,921	-	84	84	
TRUNK, NEC-----	-	-	-	3	3	3	1	4	-	-	159	159	159	-	53	53	
THIGH-----	-	-	-	5	5	5	2	7	-	-	384	384	384	-	77	77	
KNEE-----	-	-	-	34	34	34	5	39	-	-	1,309	1,309	1,309	-	38	38	
LOWER LEG-----	-	-	-	11	11	11	4	15	-	-	533	533	533	-	48	48	
ANKLE-----	-	-	-	19	19	19	2	21	-	-	1,425	1,425	1,425	-	75	75	
FOOT-----	-	-	-	12	12	12	5	17	-	-	494	494	494	-	41	41	
TOE(S)-----	-	-	-	3	3	3	-	3	-	-	25	25	25	-	8	8	
LOWER EXTREMITIES, NEC--	-	-	-	2	2	2	3	5	-	-	18	18	18	-	9	9	
BODY SYSTEMS-----	1	-	-	2	2	3	1	4	6,000	-	5	5	6,005	-	2	2,002	
MULTIPLE PARTS OF BODY--	2	-	-	14	14	16	4	20	12,000	-	1,131	1,131	13,131	-	81	821	
UNCLASSIFIED-----	-	-	-	1	1	1	1	2	-	-	30	30	30	-	30	30	
TOTAL OR AVERAGE-----	3	-	5	297	302	305	171	476	18,000	-	425	12,180	12,605	30,605	85	41	100

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, 2011 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
DREDGE:																	
EAR-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
EYE-----	-	-	-	3	3	3	9	12	-	-	-	12	12	12	-	-	
JAW-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	4	4	
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	-	1	-	-	-	79	79	79	-	79	
NOSE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
HEAD, NEC-----	-	-	-	1	1	1	-	1	-	-	-	79	79	79	-	79	
UPPER ARM-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
ELBOW-----	-	-	-	2	2	2	1	3	-	-	-	19	19	19	-	10	
FOREARM-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	
WRIST-----	-	-	-	3	3	3	-	3	-	-	-	18	18	18	-	6	
HAND-----	-	-	-	3	3	3	3	6	-	-	-	118	118	118	-	39	
FINGER(S)-----	-	-	-	7	7	7	7	14	-	-	-	88	88	88	-	13	
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
BACK-----	-	-	-	11	11	11	5	16	-	-	-	713	713	713	-	65	
CHEST-----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	
PELVIC REGION-----	-	-	-	4	4	4	-	4	-	-	-	130	130	130	-	32	
SHOULDER(S)-----	-	-	-	5	5	5	4	9	-	-	-	276	276	276	-	55	
TRUNK, NEC-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	
KNEE-----	-	-	-	12	12	12	2	14	-	-	-	519	519	519	-	43	
LOWER LEG-----	-	-	-	3	3	3	1	4	-	-	-	570	570	570	-	190	
ANKLE-----	-	-	-	5	5	5	1	6	-	-	-	303	303	303	-	61	
FOOT-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	
LOWER EXTREMITIES, NEC-----	-	-	-	4	4	4	1	5	-	-	-	334	334	334	-	84	
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	2	4	-	-	-	261	261	261	-	130	
TOTAL OR AVERAGE-----	-	-	-	69	69	69	45	114	-	-	-	3,539	3,539	3,539	-	51	

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, 2011 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
TOTAL OR AVERAGE, MINING:																	
EAR-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
EYE-----	-	-	9	9	9	29	38	-	-	-	25	25	25	-	3	3	-
JAW-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	2	2	2	5	7	-	-	-	80	80	80	-	40	40	-
NOSE-----	-	-	1	1	1	3	4	-	-	-	30	30	30	-	30	30	-
FACE, NEC-----	-	-	3	3	3	4	7	-	-	-	12	12	12	-	4	4	-
HEAD, NEC-----	-	-	10	10	10	15	25	-	-	-	459	459	459	-	46	46	-
NECK-----	-	-	3	3	3	2	5	-	-	-	35	35	35	-	12	12	-
UPPER ARM-----	-	-	3	3	3	2	5	-	-	-	159	159	159	-	53	53	-
ELBOW-----	-	-	5	5	5	6	11	-	-	-	131	131	131	-	26	26	-
FOREARM-----	-	-	7	7	7	9	16	-	-	-	583	583	583	-	83	83	-
WRIST-----	-	-	6	6	6	4	10	-	-	-	70	70	70	-	12	12	-
HAND-----	-	1	19	20	20	16	36	-	-	100	491	591	591	100	26	30	-
FINGER(S)-----	-	4	49	53	53	46	99	-	325	-	909	1,234	1,234	81	19	23	-
UPPER EXTREMITIES, NEC-----	-	-	9	9	9	7	16	-	-	-	213	213	213	-	24	24	-
ABDOMEN-----	-	-	5	5	5	1	6	-	-	-	113	113	113	-	23	23	-
BACK-----	-	-	48	48	48	17	65	-	-	-	2,016	2,016	2,016	-	42	42	-
CHEST-----	-	-	8	8	8	1	9	-	-	-	165	165	165	-	21	21	-
PELVIC REGION-----	-	-	17	17	17	2	19	-	-	-	526	526	526	-	31	31	-
SHOULDER(S)-----	-	-	28	28	28	10	38	-	-	-	2,197	2,197	2,197	-	78	78	-
TRUNK, NEC-----	-	-	4	4	4	1	5	-	-	-	162	162	162	-	40	40	-
THIGH-----	-	-	5	5	5	2	7	-	-	-	384	384	384	-	77	77	-
KNEE-----	-	-	46	46	46	7	53	-	-	-	1,828	1,828	1,828	-	40	40	-
LOWER LEG-----	-	-	14	14	14	5	19	-	-	-	1,103	1,103	1,103	-	79	79	-
ANKLE-----	-	-	24	24	24	3	27	-	-	-	1,728	1,728	1,728	-	72	72	-
FOOT-----	-	-	13	13	13	5	18	-	-	-	496	496	496	-	38	38	-
TOE(S)-----	-	-	3	3	3	-	3	-	-	-	25	25	25	-	8	8	-
LOWER EXTREMITIES, NEC-----	-	-	6	6	6	4	10	-	-	-	352	352	352	-	59	59	-
BODY SYSTEMS-----	1	-	2	2	3	1	4	6,000	-	-	5	5	6,005	-	2	2	2,002
MULTIPLE PARTS OF BODY-----	2	-	16	16	18	6	24	12,000	-	-	1,392	1,392	13,392	-	87	744	-
UNCLASSIFIED-----	-	-	1	1	1	1	2	-	-	-	30	30	30	-	30	30	-
TOTAL OR AVERAGE-----	3	-	5	366	371	374	216	590	18,000	-	425	15,719	16,144	34,144	85	43	91
OFFICE:																	
UPPER ARM-----	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82	-
WRIST-----	-	-	2	2	2	-	2	-	-	-	197	197	197	-	98	98	-
HAND-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
FINGER(S)-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
PELVIC REGION-----	-	-	2	2	2	-	2	-	-	-	207	207	207	-	104	104	-
SHOULDER(S)-----	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14	-
MULTIPLE PARTS OF BODY-----	-	-	2	2	2	-	2	-	-	-	135	135	135	-	68	68	-
TOTAL OR AVERAGE-----	-	-	-	8	8	8	2	10	-	-	635	635	635	-	79	79	-

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, 2011 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
GRAND TOTAL OR AVERAGE:-----	3	-	5	374	379	382	218	600	18,000	-	425	16,354	16,779	34,779	85	44	91
EAR-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
EYE-----	-	-	-	9	9	9	29	38	-	-	-	25	25	25	-	3	3
JAW-----	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	5	7	-	-	-	80	80	80	-	40	40
NOSE-----	-	-	-	1	1	1	3	4	-	-	-	30	30	30	-	30	30
FACE, NEC-----	-	-	-	3	3	3	4	7	-	-	-	12	12	12	-	4	4
HEAD, NEC-----	-	-	-	10	10	10	15	25	-	-	-	459	459	459	-	46	46
NECK-----	-	-	-	3	3	3	2	5	-	-	-	35	35	35	-	12	12
UPPER ARM-----	-	-	-	4	4	4	2	6	-	-	-	241	241	241	-	60	60
ELBOW-----	-	-	-	5	5	5	6	11	-	-	-	131	131	131	-	26	26
FOREARM-----	-	-	-	7	7	7	9	16	-	-	-	583	583	583	-	83	83
WRIST-----	-	-	-	8	8	8	4	12	-	-	-	267	267	267	-	33	33
HAND-----	-	-	1	19	20	20	17	37	-	-	-	491	591	591	100	26	30
FINGER(S)-----	-	-	4	49	53	53	47	100	-	-	325	909	1,234	1,234	81	19	23
UPPER EXTREMITIES, NEC-----	-	-	-	9	9	9	7	16	-	-	-	213	213	213	-	24	24
ABDOMEN-----	-	-	-	5	5	5	1	6	-	-	-	113	113	113	-	23	23
BACK-----	-	-	-	48	48	48	17	65	-	-	-	2,016	2,016	2,016	-	42	42
CHEST-----	-	-	-	8	8	8	1	9	-	-	-	165	165	165	-	21	21
PELVIC REGION-----	-	-	-	19	19	19	2	21	-	-	-	733	733	733	-	39	39
SHOULDER(S)-----	-	-	-	29	29	29	10	39	-	-	-	2,211	2,211	2,211	-	76	76
TRUNK, NEC-----	-	-	-	4	4	4	1	5	-	-	-	162	162	162	-	40	40
THIGH-----	-	-	-	5	5	5	2	7	-	-	-	384	384	384	-	77	77
KNEE-----	-	-	-	46	46	46	7	53	-	-	-	1,828	1,828	1,828	-	40	40
LOWER LEG-----	-	-	-	14	14	14	5	19	-	-	-	1,103	1,103	1,103	-	79	79
ANKLE-----	-	-	-	24	24	24	3	27	-	-	-	1,728	1,728	1,728	-	72	72
FOOT-----	-	-	-	13	13	13	5	18	-	-	-	496	496	496	-	38	38
TOE(S)-----	-	-	-	3	3	3	-	3	-	-	-	25	25	25	-	8	8
LOWER EXTREMITIES, NEC-----	-	-	-	6	6	6	4	10	-	-	-	352	352	352	-	59	59
BODY SYSTEMS-----	1	-	-	2	2	3	1	4	6,000	-	-	5	5	6,005	-	2	2,002
MULTIPLE PARTS OF BODY-----	2	-	-	18	18	20	6	26	12,000	-	-	1,527	1,527	13,527	-	85	676
UNCLASSIFIED-----	-	-	-	1	1	1	1	2	-	-	-	30	30	30	-	30	30

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, 2011

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													
SURFACE MINES:																
OPEN PIT:																
AMPUTATION/ENUCLEATION--	-	-	5	-	5	5	-	5	-	.03	.03	-	.03	-	2	2
BURN/SCALD (NOT CHEM.)--	-	-	-	4	4	4	4	8	-	.02	.02	.02	.04	-	(*)	(*)
CHEMICAL BURN-----	-	-	-	3	3	3	3	6	-	.02	.02	.02	.03	-	(*)	(*)
CONCUSSION (CEREBRAL)---	-	-	-	5	5	5	5	5	-	.03	.03	-	.03	-	2	2
CONTUSION OR BRUISE-----	1	-	-	28	28	29	16	45	.01	.14	.15	.08	.23	30	5	36
CUT OR PUNCTURE-----	-	-	-	56	56	56	81	137	-	.28	.28	.41	.69	-	3	3
DISLOCATION-----	-	-	-	2	2	2	1	3	-	.01	.01	.01	.02	-	(*)	(*)
DUST IN EYE-----	-	-	-	3	3	3	7	10	-	.02	.02	.04	.05	-	(*)	(*)
ELECTRIC SHOCK-----	1	-	-	1	1	2	-	2	.01	.01	.01	-	.01	30	(*)	30
FRACTURE-----	-	-	-	59	59	59	10	69	-	.30	.30	.05	.35	-	19	19
HERNIA (NOT DI SC)-----	-	-	-	3	3	3	-	3	-	.02	.02	-	.02	-	(*)	(*)
POISONING (SYSTEMIC)---	-	-	-	1	1	1	1	2	-	.01	.01	.01	.01	-	(*)	(*)
RADIATION/ULTRA VIOLET--	-	-	-	1	1	1	1	2	-	.01	.01	.01	.01	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	-	-	-	4	4	-	-	-	.02	.02	-	-	-
STRAIN/SPRAIN-----	-	-	-	113	113	113	25	138	-	.57	.57	.13	.70	-	26	26
MULTIPLE INJURIES-----	1	-	-	5	5	6	4	10	.01	.03	.03	.02	.05	30	2	32
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
UNCLASSIFIED (NO DATA)--	-	-	-	13	13	13	13	26	-	.07	.07	.07	.13	-	4	4
TOTAL OR AVERAGE-----	3	-	5	297	302	305	171	476	.02	1.53	1.54	.86	2.41	91	64	155
DREDGE:																
BURN/SCALD (NOT CHEM.)--	-	-	-	1	1	1	2	3	-	.03	.03	.05	.08	-	2	2
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
CONTUSION OR BRUISE-----	-	-	-	10	10	10	2	12	-	.26	.26	.05	.31	-	17	17
CUT OR PUNCTURE-----	-	-	-	9	9	9	20	29	-	.23	.23	.52	.75	-	12	12
DUST IN EYE-----	-	-	-	2	2	2	1	3	-	.05	.05	.03	.08	-	(*)	(*)
FRACTURE-----	-	-	-	16	16	16	2	18	-	.41	.41	.05	.47	-	34	34
HERNIA (NOT DI SC)-----	-	-	-	3	3	3	-	3	-	.08	.08	-	.08	-	3	3
RADIATION/ULTRA VIOLET--	-	-	-	1	1	1	2	3	-	.03	.03	.05	.08	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	-	-	-	3	3	-	-	-	.08	.08	-	-	-
STRAIN/SPRAIN-----	-	-	-	22	22	22	12	34	-	.57	.57	.31	.88	-	19	19
UNCLASSIFIED (NO DATA)--	-	-	-	5	5	5	-	5	-	.13	.13	-	.13	-	5	5
TOTAL OR AVERAGE-----	-	-	-	69	69	69	45	114	-	1.79	1.79	1.17	2.96	-	92	92

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, 2011 (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:	3	-	5	366	371	374	216	590	.01	1.57	1.58	.91	2.50	76	68	144
AMPUTATION/ENUCLEATION----	-	-	5	5	5	5	-	5	-	.02	.02	-	.02	-	2	2
BURN/SCALD (NOT CHEM.)----	-	-	-	5	5	5	6	11	-	.02	.02	.03	.05	-	1	1
CHEMICAL BURN-----	-	-	-	3	3	3	4	7	-	.01	.01	.02	.03	-	(*)	(*)
CONCUSSION (CEREBRAL)----	-	-	-	5	5	5	-	5	-	.02	.02	-	.02	-	2	2
CONTUSION OR BRUISE-----	1	-	-	38	38	39	18	57	(*)	.16	.16	.08	.24	25	7	33
CUT OR PUNCTURE-----	-	-	-	65	65	65	101	166	-	.27	.27	.43	.70	-	4	4
DISLOCATION-----	-	-	-	2	2	2	1	3	-	.01	.01	(*)	.01	-	(*)	(*)
DUST IN EYE-----	-	-	-	5	5	5	8	13	-	.02	.02	.03	.05	-	(*)	(*)
ELECTRIC SHOCK-----	1	-	-	1	1	2	-	2	(*)	(*)	.01	-	.01	25	(*)	25
FRACTURE-----	-	-	-	75	75	75	12	87	-	.32	.32	.05	.37	-	21	21
HERNIA (NOT DISC)-----	-	-	-	6	6	6	-	6	-	.03	.03	-	.03	-	1	1
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	.01	-	(*)	(*)
RADIATION/ULTRA VIOLET-----	-	-	-	2	2	2	3	5	-	.01	.01	.01	.02	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	-	-	-	7	7	-	-	-	.03	.03	-	-	-
STRAIN/SPRAIN-----	-	-	-	135	135	135	37	172	-	.57	.57	.16	.73	-	25	25
MULTIPLE INJURIES-----	1	-	-	5	5	6	4	10	(*)	.02	.03	.02	.04	25	2	27
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
UNCLASSIFIED (NO DATA)----	-	-	-	18	18	18	13	31	-	.08	.08	.05	.13	-	4	4
OFFICE:	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
FRACTURE-----	-	-	-	4	4	4	-	4	-	.11	.11	-	.11	-	8	8
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	.06	.06	-	.06	-	5	5
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	3	3
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	1	1
TOTAL OR AVERAGE-----	-	-	-	8	8	8	2	10	-	.22	.22	.06	.28	-	18	18
GRAND TOTAL OR AVERAGE:	3	-	5	374	379	382	218	600	.01	1.39	1.40	.80	2.20	66	62	128
AMPUTATION/ENUCLEATION----	-	-	5	5	5	5	-	5	-	.02	.02	-	.02	-	2	2
BURN/SCALD (NOT CHEM.)----	-	-	-	5	5	5	6	11	-	.02	.02	.02	.04	-	(*)	(*)
CHEMICAL BURN-----	-	-	-	3	3	3	4	7	-	.01	.01	.01	.03	-	(*)	(*)
CONCUSSION (CEREBRAL)----	-	-	-	5	5	5	-	5	-	.02	.02	-	.02	-	1	1
CONTUSION OR BRUISE-----	1	-	-	38	38	39	19	58	(*)	.14	.14	.07	.21	22	6	28
CUT OR PUNCTURE-----	-	-	-	65	65	65	102	167	-	.24	.24	.37	.61	-	4	4
DISLOCATION-----	-	-	-	2	2	2	1	3	-	.01	.01	(*)	.01	-	(*)	(*)
DUST IN EYE-----	-	-	-	5	5	5	8	13	-	.02	.02	.03	.05	-	(*)	(*)
ELECTRIC SHOCK-----	1	-	-	1	1	2	-	2	(*)	(*)	.01	-	.01	22	(*)	22
FRACTURE-----	-	-	-	79	79	79	12	91	-	.29	.29	.04	.33	-	19	19
HERNIA (NOT DISC)-----	-	-	-	6	6	6	-	6	-	.02	.02	-	.02	-	1	1
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	.01	-	(*)	(*)
RADIATION/ULTRA VIOLET-----	-	-	-	2	2	2	3	5	-	.01	.01	.01	.02	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	-	-	-	7	7	-	-	-	.03	.03	-	-	-
STRAIN/SPRAIN-----	-	-	-	137	137	137	37	174	-	.50	.50	.14	.64	-	22	22
MULTIPLE INJURIES-----	1	-	-	6	6	7	4	11	(*)	.02	.03	.01	.04	22	2	24
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
UNCLASSIFIED (NO DATA)----	-	-	-	19	19	19	13	32	-	.07	.07	.05	.12	-	3	3

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, 2011

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	-	-	5	-	5	5	-	5	-	-	425	-	425	425	85	-	85
BURN/SCALD (NOT CHEM.)	-	-	-	4	4	4	4	8	-	-	46	46	46	-	-	12	12
CHEMICAL BURN	-	-	-	3	3	3	3	6	-	-	42	42	42	-	-	14	14
CONCUSSION (CEREBRAL)	-	-	-	5	5	5	-	5	-	-	369	369	369	-	-	74	74
CONTUSION OR BRUISE	1	-	-	28	28	29	16	45	6,000	-	1,085	1,085	7,085	-	-	39	244
CUT OR PUNCTURE	-	-	-	56	56	56	81	137	-	-	585	585	585	-	-	10	10
DISLOCATION	-	-	-	2	2	2	1	3	-	-	41	41	41	-	-	20	20
DUST IN EYE	-	-	-	3	3	3	7	10	-	-	5	5	5	-	-	2	2
ELECTRIC SHOCK	1	-	-	1	1	2	-	2	6,000	-	3	3	6,003	-	-	3	3,002
FRACTURE	-	-	-	59	59	59	10	69	-	-	3,682	3,682	3,682	-	-	62	62
HERNIA (NOT DISC)	-	-	-	3	3	3	-	3	-	-	57	57	57	-	-	19	19
POISONING (SYSTEMIC)	-	-	-	1	1	1	1	2	-	-	2	2	2	-	-	2	2
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	1	2	-	-	1	1	1	-	-	1	1
SCRATCH/ABRASION	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	113	113	113	25	138	-	-	5,172	5,172	5,172	-	-	46	46
MULTIPLE INJURIES	1	-	-	5	5	6	4	10	6,000	-	385	385	6,385	-	-	77	1,064
OTHER INJURY, NEC	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)	-	-	-	13	13	13	13	26	-	-	705	705	705	-	-	54	54
TOTAL OR AVERAGE	3	-	5	297	302	305	171	476	18,000	-	425	12,180	12,605	30,605	85	41	100
<b>DREDGE:</b>																	
BURN/SCALD (NOT CHEM.)	-	-	-	1	1	1	2	3	-	-	79	79	79	-	-	79	79
CHEMICAL BURN	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE	-	-	-	10	10	10	2	12	-	-	659	659	659	-	-	66	66
CUT OR PUNCTURE	-	-	-	9	9	9	20	29	-	-	445	445	445	-	-	49	49
DUST IN EYE	-	-	-	2	2	2	1	3	-	-	7	7	7	-	-	4	4
FRACTURE	-	-	-	16	16	16	2	18	-	-	1,293	1,293	1,293	-	-	81	81
HERNIA (NOT DISC)	-	-	-	3	3	3	-	3	-	-	129	129	129	-	-	43	43
RADIATION/ULTRA VIOLET	-	-	-	1	1	1	2	3	-	-	5	5	5	-	-	5	5
SCRATCH/ABRASION	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN	-	-	-	22	22	22	12	34	-	-	738	738	738	-	-	34	34
UNCLASSIFIED (NO DATA)	-	-	-	5	5	5	-	5	-	-	184	184	184	-	-	37	37
TOTAL OR AVERAGE	-	-	-	69	69	69	45	114	-	-	3,539	3,539	3,539	-	-	51	51



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, 2011 (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	-	-	425	-	425	425	85	-	85
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	5	5	6	11	-	-	-	125	125	125	-	25	25
CHEMICAL BURN-----	-	-	-	-	3	3	4	7	-	-	-	42	42	42	-	14	14
CONCUSSION (CEREBRAL)-----	-	-	-	-	5	5	-	5	-	-	-	369	369	369	-	74	74
CONTUSION OR BRUISE-----	1	-	-	38	38	39	18	57	6,000	-	-	1,744	1,744	7,744	-	46	199
CUT OR PUNCTURE-----	-	-	-	65	65	65	101	166	-	-	-	1,030	1,030	1,030	-	16	16
DISLOCATION-----	-	-	-	2	2	2	1	3	-	-	-	41	41	41	-	20	20
DUST IN EYE-----	-	-	-	5	5	5	8	13	-	-	-	12	12	12	-	2	2
ELECTRIC SHOCK-----	1	-	-	-	1	2	-	2	6,000	-	-	3	3	6,003	-	3	3,002
FRACTURE-----	-	-	-	75	75	75	12	87	-	-	-	4,975	4,975	4,975	-	66	66
HERNIA (NOT DISC)-----	-	-	-	6	6	6	1	6	-	-	-	186	186	186	-	31	31
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
RADIATION/ULTRA VIOLET-----	-	-	-	2	2	2	3	5	-	-	-	6	6	6	-	3	3
SCRATCH/ABRASION-----	-	-	-	-	-	-	7	7	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	135	135	135	37	172	-	-	-	5,910	5,910	5,910	-	44	44
MULTIPLE INJURIES-----	1	-	-	5	5	6	4	10	6,000	-	-	385	385	6,385	-	77	1,064
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	18	18	18	13	31	-	-	-	889	889	889	-	49	49
TOTAL OR AVERAGE-----	3	-	5	366	371	374	216	590	18,000	-	425	15,719	16,144	34,144	85	43	91
OFFICE:																	
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	4	4	4	-	4	-	-	-	294	294	294	-	74	74
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	197	197	197	-	98	98
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	110	110	110	-	110	110
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	34	34	34	-	34	34
TOTAL OR AVERAGE-----	-	-	-	8	8	8	2	10	-	-	-	635	635	635	-	79	79
GRAND TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION-----	-	-	5	-	5	5	-	5	-	-	425	-	425	425	85	-	85
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	5	5	6	11	-	-	-	125	125	125	-	25	25
CHEMICAL BURN-----	-	-	-	-	3	3	4	7	-	-	-	42	42	42	-	14	14
CONCUSSION (CEREBRAL)-----	-	-	-	-	5	5	-	5	-	-	-	369	369	369	-	74	74
CONTUSION OR BRUISE-----	1	-	-	38	38	39	19	58	6,000	-	-	1,744	1,744	7,744	-	46	199
CUT OR PUNCTURE-----	-	-	-	65	65	65	102	167	-	-	-	1,030	1,030	1,030	-	16	16
DISLOCATION-----	-	-	-	2	2	2	1	3	-	-	-	41	41	41	-	20	20
DUST IN EYE-----	-	-	-	5	5	5	8	13	-	-	-	12	12	12	-	2	2
ELECTRIC SHOCK-----	1	-	-	-	1	2	-	2	6,000	-	-	3	3	6,003	-	3	3,002
FRACTURE-----	-	-	-	79	79	79	12	91	-	-	-	5,269	5,269	5,269	-	67	67
HERNIA (NOT DISC)-----	-	-	-	6	6	6	1	6	-	-	-	186	186	186	-	31	31
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
RADIATION/ULTRA VIOLET-----	-	-	-	2	2	2	3	5	-	-	-	6	6	6	-	3	3
SCRATCH/ABRASION-----	-	-	-	-	-	-	7	7	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	137	137	137	37	174	-	-	-	6,107	6,107	6,107	-	45	45
MULTIPLE INJURIES-----	1	-	-	6	6	7	4	11	6,000	-	-	495	495	6,495	-	82	928
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	19	19	19	13	32	-	-	-	923	923	923	-	49	49
TOTAL OR AVERAGE-----	3	-	5	374	379	382	218	600	18,000	-	425	16,354	16,779	34,779	85	44	91

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, 2011

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
EAR:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
EYE:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
CHEMICAL BURN-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	-	-	-	6	7	-	-	-	6	6	6	-	6	6
DUST IN EYE-----	-	-	-	5	5	5	8	13	-	-	-	12	12	12	-	2	2
RADIATION/ULTRA VIOLET-----	-	-	-	2	2	2	2	4	-	-	-	6	6	6	-	3	3
SCRATCH/ABRASION-----	-	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	9	9	9	29	38	-	-	-	25	25	25	-	3	3
JAW:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE:																	
CUT OR PUNCTURE-----	-	-	-	1	1	1	3	4	-	-	-	1	1	1	-	1	1
FRACTURE-----	-	-	-	1	1	1	1	2	-	-	-	79	79	79	-	79	79
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	2	2	2	5	7	-	-	-	80	80	80	-	40	40
NOSE:																	
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	-	30	30	30	-	30	30
FACE, NEC:																	
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	1	1	1	3	4	-	-	-	1	1	1	-	1	1
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	11	11	11	-	6	6
TOTAL OR AVERAGE-----	-	-	-	3	3	3	4	7	-	-	-	12	12	12	-	4	4

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, 2011 (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						
HEAD, NEC:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	-	79	79	79	-	79	79
CONCUSSION (CEREBRAL)-----	-	-	-	5	5	5	-	5	-	-	-	369	369	369	-	74	74
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	-	-	-	6	6	6	-	6	6
CUT OR PUNCTURE-----	-	-	-	3	3	3	13	16	-	-	-	5	5	5	-	2	2
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	10	10	10	15	25	-	-	-	459	459	459	-	46	46
NECK:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	3	3	3	1	4	-	-	-	35	35	35	-	12	12
TOTAL OR AVERAGE-----	-	-	-	3	3	3	2	5	-	-	-	35	35	35	-	12	12
UPPER ARM:																	
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	10	10	10	-	10	10
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82
STRAIN/SPRAIN-----	-	-	-	2	2	2	1	3	-	-	-	149	149	149	-	74	74
TOTAL OR AVERAGE-----	-	-	-	4	4	4	2	6	-	-	-	241	241	241	-	60	60
ELBOW:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82
STRAIN/SPRAIN-----	-	-	-	2	2	2	3	5	-	-	-	24	24	24	-	12	12
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
TOTAL OR AVERAGE-----	-	-	-	5	5	5	6	11	-	-	-	131	131	131	-	26	26
FOREARM:																	
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	-	-	-	6	9	-	-	-	13	13	13	-	4	4
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	286	286	286	-	95	95
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	284	284	284	-	284	284
TOTAL OR AVERAGE-----	-	-	-	7	7	7	9	16	-	-	-	583	583	583	-	83	83
WRIST:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	5	5	5	-	5	-	-	-	60	60	60	-	12	12
STRAIN/SPRAIN-----	-	-	-	3	3	3	1	4	-	-	-	207	207	207	-	69	69
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	8	8	8	4	12	-	-	-	267	267	267	-	33	33

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, 2011 (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>HAND:</b>																	
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	100	-	100	100	100	-	100
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	2	3	-	-	9	9	9	-	-	9	9
CONTUSION OR BRUISE-----	-	-	-	3	3	3	3	6	-	-	14	14	14	-	-	5	5
CUT OR PUNCTURE-----	-	-	-	10	10	10	11	21	-	-	119	119	119	-	-	12	12
FRACTURE-----	-	-	-	3	3	3	1	4	-	-	196	196	196	-	-	65	65
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	55	55	55	-	-	55	55
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	98	98	98	-	-	98	98
TOTAL OR AVERAGE-----	-	-	1	19	20	20	17	37	-	-	100	491	591	591	100	26	30
<b>FINGER(S):</b>																	
AMPUTATION/ENUCLEATION-----	-	-	4	-	4	4	-	4	-	-	325	-	325	325	81	-	81
CONTUSION OR BRUISE-----	-	-	-	4	4	4	4	8	-	-	80	80	80	-	20	20	20
CUT OR PUNCTURE-----	-	-	-	27	27	27	38	65	-	-	387	387	387	-	14	14	14
FRACTURE-----	-	-	-	17	17	17	3	20	-	-	393	393	393	-	23	23	23
STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	1	2	-	-	49	49	49	-	49	49	49
TOTAL OR AVERAGE-----	-	-	4	49	53	53	47	100	-	-	325	909	1,234	1,234	81	19	23
<b>UPPER EXTREMITIES, NEC:</b>																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	1	1	-	1	-	-	20	20	20	-	20	20	20
CHEMICAL BURN-----	-	-	-	-	1	1	-	1	-	-	9	9	9	-	9	9	9
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	1	1	1	2	3	-	-	5	5	5	-	5	5	5
FRACTURE-----	-	-	-	3	3	3	1	4	-	-	146	146	146	-	49	49	49
STRAIN/SPRAIN-----	-	-	-	2	2	2	3	5	-	-	23	23	23	-	12	12	12
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	10	10	10	-	10	10	10
TOTAL OR AVERAGE-----	-	-	-	9	9	9	7	16	-	-	213	213	213	-	24	24	24
<b>ABDOMEN:</b>																	
CUT OR PUNCTURE-----	-	-	-	3	3	3	1	4	-	-	15	15	15	-	5	5	5
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	98	98	98	-	49	49	49
TOTAL OR AVERAGE-----	-	-	-	5	5	5	1	6	-	-	113	113	113	-	23	23	23
<b>BACK:</b>																	
CONTUSION OR BRUISE-----	-	-	-	3	3	3	-	3	-	-	533	533	533	-	178	178	178
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	42	42	42	13	55	-	-	1,346	1,346	1,346	-	32	32	32
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	3	6	-	-	137	137	137	-	46	46	46
TOTAL OR AVERAGE-----	-	-	-	48	48	48	17	65	-	-	2,016	2,016	2,016	-	42	42	42

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, 2011 (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>CHEST:</b>																	
CONTUSION OR BRUISE-----	-	-	-	3	3	3	-	3	-	-	-	65	65	65	-	22	22
FRACTURE-----	-	-	-	4	4	4	1	5	-	-	-	54	54	54	-	14	14
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	46	46	46	-	46	46
TOTAL OR AVERAGE-----	-	-	-	8	8	8	1	9	-	-	-	165	165	165	-	21	21
<b>PELVIC REGION:</b>																	
CONTUSION OR BRUISE-----	-	-	-	3	3	3	1	4	-	-	-	12	12	12	-	4	4
FRACTURE-----	-	-	-	4	4	4	-	4	-	-	-	457	457	457	-	114	114
HERNIA (NOT DISC)-----	-	-	-	6	6	6	-	6	-	-	-	186	186	186	-	31	31
STRAIN/SPRAIN-----	-	-	-	5	5	5	1	6	-	-	-	44	44	44	-	9	9
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	34	34	34	-	34	34
TOTAL OR AVERAGE-----	-	-	-	19	19	19	2	21	-	-	-	733	733	733	-	39	39
<b>SHOULDER(S):</b>																	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	408	408	408	-	204	204
DISLOCATION-----	-	-	-	2	2	2	1	3	-	-	-	41	41	41	-	20	20
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	71	71	71	-	24	24
STRAIN/SPRAIN-----	-	-	-	18	18	18	7	25	-	-	-	1,432	1,432	1,432	-	80	80
UNCLASSIFIED (NO DATA)-----	-	-	-	4	4	4	2	6	-	-	-	259	259	259	-	65	65
TOTAL OR AVERAGE-----	-	-	-	29	29	29	10	39	-	-	-	2,211	2,211	2,211	-	76	76
<b>TRUNK, NEC:</b>																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	64	64	64	-	64	64
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	95	95	95	-	48	48
TOTAL OR AVERAGE-----	-	-	-	4	4	4	1	5	-	-	-	162	162	162	-	40	40
<b>THIGH:</b>																	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	35	35	35	-	18	18
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	349	349	349	-	116	116
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	5	5	5	2	7	-	-	-	384	384	384	-	77	77
<b>KNEE:</b>																	
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	8	8	8	-	8	-	-	-	335	335	335	-	42	42
CUT OR PUNCTURE-----	-	-	-	4	4	4	3	7	-	-	-	168	168	168	-	42	42
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	57	57	57	-	28	28
STRAIN/SPRAIN-----	-	-	-	28	28	28	3	31	-	-	-	1,217	1,217	1,217	-	43	43
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	-	3	-	-	-	45	45	45	-	15	15
TOTAL OR AVERAGE-----	-	-	-	46	46	46	7	53	-	-	-	1,828	1,828	1,828	-	40	40

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, 2011 (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	2	-	-	-	15	15	15	-	15	15
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	-	32	32	32	-	32	32
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	31	31	31	-	16	16
CUT OR PUNCTURE-----	-	-	-	3	3	3	2	5	-	-	-	20	20	20	-	7	7
FRACTURE-----	-	-	-	3	3	3	1	4	-	-	-	725	725	725	-	242	242
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	100	100	100	-	33	33
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	1	2	-	-	-	180	180	180	-	180	180
TOTAL OR AVERAGE-----	-	-	-	14	14	14	5	19	-	-	-	1,103	1,103	1,103	-	79	79
ANKLE:																	
FRACTURE-----	-	-	-	10	10	10	-	10	-	-	-	1,309	1,309	1,309	-	131	131
STRAIN/SPRAIN-----	-	-	-	14	14	14	3	17	-	-	-	419	419	419	-	30	30
TOTAL OR AVERAGE-----	-	-	-	24	24	24	3	27	-	-	-	1,728	1,728	1,728	-	72	72
FOOT:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CONTUSION OR BRUISE-----	-	-	-	2	2	2	1	3	-	-	-	29	29	29	-	14	14
CUT OR PUNCTURE-----	-	-	-	2	2	2	1	3	-	-	-	13	13	13	-	6	6
FRACTURE-----	-	-	-	7	7	7	3	10	-	-	-	449	449	449	-	64	64
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	13	13	13	5	18	-	-	-	496	496	496	-	38	38
TOE(S):																	
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	4	4
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	25	25	25	-	8	8
LOWER EXTREMITIES, NEC:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	-	-	-	6	6	6	-	6	6
CUT OR PUNCTURE-----	-	-	-	2	2	2	3	5	-	-	-	18	18	18	-	9	9
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	328	328	328	-	109	109
TOTAL OR AVERAGE-----	-	-	-	6	6	6	4	10	-	-	-	352	352	352	-	59	59
BODY SYSTEMS:																	
ELECTRIC SHOCK-----	1	-	-	1	1	2	-	2	6,000	-	-	3	3	6,003	-	3	3,002
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE-----	1	-	-	2	2	3	1	4	6,000	-	-	5	5	6,005	-	2	2,002

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, 2011 (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:																	
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
CONTUSION OR BRUISE-----	1	-	-	2	2	3	-	3	6,000	-	-	184	184	6,184	-	92	2,061
CUT OR PUNCTURE-----	-	-	-	3	3	3	-	3	-	-	-	249	249	-	-	83	83
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	382	382	-	-	127	127
RADIATION/ULTRA VIOLET-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	4	4	4	-	4	-	-	-	210	210	-	-	52	52
MULTIPLE INJURIES-----	1	-	-	4	4	5	3	8	6,000	-	-	479	479	6,479	-	120	1,296
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	1	3	-	-	-	23	23	-	-	12	12
TOTAL OR AVERAGE-----	2	-	-	18	18	20	6	26	12,000	-	-	1,527	1,527	13,527	-	85	676
UNCLASSIFIED:																	
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	1	2	-	-	-	30	30	30	-	30	30
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	30	30	30	-	30	30
TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION-----	-	-	5	-	5	5	-	5	-	-	425	-	425	425	85	-	85
BURN/SCALD (NOT CHEM.)-----	-	-	-	5	5	5	6	11	-	-	-	125	125	-	-	25	25
CHEMICAL BURN-----	-	-	-	3	3	3	4	7	-	-	-	42	42	-	-	14	14
CONCUSSION (CEREBRAL)-----	-	-	-	5	5	5	-	5	-	-	-	369	369	-	-	74	74
CONTUSION OR BRUISE-----	1	-	-	38	38	39	19	58	6,000	-	-	1,744	1,744	7,744	-	46	199
CUT OR PUNCTURE-----	-	-	-	65	65	65	102	167	-	-	-	1,030	1,030	-	-	16	16
DISLOCATION-----	-	-	-	2	2	2	1	3	-	-	-	41	41	-	-	20	20
DUST IN EYE-----	-	-	-	5	5	5	8	13	-	-	-	12	12	-	-	2	2
ELECTRIC SHOCK-----	1	-	-	1	1	2	-	2	6,000	-	-	3	3	6,003	-	3	3,002
FRACTURE-----	-	-	-	79	79	79	12	91	-	-	-	5,269	5,269	-	-	67	67
HERNIA (NOT DISC)-----	-	-	-	6	6	6	-	6	-	-	-	186	186	-	-	31	31
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	1	2	-	-	-	2	2	-	-	2	2
RADIATION/ULTRA VIOLET-----	-	-	-	2	2	2	3	5	-	-	-	6	6	-	-	3	3
SCRATCH/ABRASION-----	-	-	-	-	-	-	7	7	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	137	137	137	37	174	-	-	-	6,107	6,107	-	-	45	45
MULTIPLE INJURIES-----	1	-	-	6	6	7	4	11	6,000	-	-	495	495	6,495	-	82	928
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	19	19	19	13	32	-	-	-	923	923	-	-	49	49
TOTAL OR AVERAGE-----	3	-	5	374	379	382	218	600	18,000	-	425	16,354	16,779	34,779	85	44	91

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011

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	
OPEN PIT:																																		
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CALIFORNIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IDaho-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	116	64	-	39	41	-	-	



TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL					
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
OPEN PIT:																																				
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
ARIZONA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	7	-	-	1	-	-	-	-	-	-	-	-	-	16	7			
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	4		
CALIFORNIA-----	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	5	3	10	3	-	2	-	-	-	1	-	-	1	1	-	45	16	3			
COLORADO-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	8	3			
CONNECTICUT-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1			
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	3	-		
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-		
IDAHOO-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	3		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1		
IOWA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
MAINE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
MICHIGAN-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	4	
MINNESOTA-----	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	11		
MISSISSIPPI-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	8	3		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	3	3	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
NEVADA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	6	1	
NEW HAMPSHIRE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	5	
NEW MEXICO-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	
NEW YORK-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	2	2	-	-	-	-	-	-	-	-	-	1	-	11	5	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6	
NORTH DAKOTA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	5	2	
OHIO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	4	2	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
OREGON-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	11	8		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3
SOUTH DAKOTA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3
TENNESSEE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
TEXAS-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	14	1	-	-	-	-	-	-	-	-	-	-	-	1	1	38	15	
UTAH-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	1	-	-	1	-	-	-	-	-	-	-	-	-	9	11	
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2
VIRGINIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	9	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	15	
WISCONSIN-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	8	6	
WYOMING-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	10	5	
TOTAL-----	1	23	8	-	-	-	-	-	-	-	-	-	-	-	-	24	22	1	84	25	-	8	1	-	2	1	-	5	8	3	302	171				

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KENTUCKY-----	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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, 2011 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL				
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL		
DREDGE:																																			
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	5
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2
KANSAS-----	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	3
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
NEBRASKA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	1	-	1	-	-	1	-	-	-	-	-	-	5
NEW JERSEY-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	6
OHIO-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	4
OKLAHOMA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL-----	-	6	1	-	-	-	-	1	-	-	-	-	-	-	-	5	10	-	21	8	-	2	1	-	2	-	1	1	-	-	1	1	-	69	45

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CALIFORNIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HAWAII-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	1	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	138	77	-	48	51	-	-	-	-

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL				
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL		
TOTAL MINING:																																			
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1		
ARIZONA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	7	-	-	1	-	-	-	-	-	-	-	16	-	7			
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	1	-	8	-	8			
CALIFORNIA-----	-	2	1	-	-	-	-	-	-	-	-	-	-	-	1	3	10	3	-	-	2	-	-	1	-	-	-	1	1	45	16	5			
COLORADO-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	-	-	-	-	-	-	-	-	-	-	-	10	-	5			
CONNECTICUT-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	-	1				
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	1				
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	1				
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	4	-	1				
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1				
IDAHOW-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	3				
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	4			
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	1	-	-	-	-	-	-	-	8	-	9				
IOWA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	1		
KANSAS-----	-	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	7	-	4			
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	8	-	2			
MAINE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	1	-	1	-	-	-	-	-	-	8	-	3			
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	1	-	-	-	5		
MICHIGAN-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	11	-	6	-	11		
MINNESOTA-----	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	1	1	-	-	-	-	-	-	-	-	6	-	11	-	5		
MISSISSIPPI-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	10	-	5	-	7		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	2	-	2	-	-	-	-	-	-	-	-	-	6	-	7			
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	4	-	5			
NEBRASKA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	1	1	-	-	-	-	1	1	9	-	5			
NEVADA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	6	-	1				
NEW HAMPSHIRE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	3	-	3				
NEW JERSEY-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	12	-	3				
NEW MEXICO-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	5	-	1				
NEW YORK-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	1	-	-	-	-	-	-	-	-	11	-	5				
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	-	-	-	-	-	-	-	-	3	-	6				
NORTH DAKOTA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	2	-	-	-	-	-	-	-	1	-	5	-	2			
OHIO-----	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3	-	4	-	-	-	-	-	-	-	-	8	-	11	-	1		
OKLAHOMA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	5	-	5				
OREGON-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	1	-	1	-	-	-	-	-	-	11	-	2				
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	3	-	1	-	-	-	1	-	-	-	9	-	7				
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	1		
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3	-	-		
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	3	-	2	-	5		
SOUTH DAKOTA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	-	-	-	-	8	-	2	-	1		
TENNESSEE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	7	-	7	-	1		
TEXAS-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	5	2	17	3	3	-	-	-	-	-	-	-	1	1	42	-	20	-	2		
UTAH-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	3	-	1	1	-	-	-	-	9	-	11	-	2			
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-		
VIRGINIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	6	-	-	-	-		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	4	-	-	-	-	-	-	-	-	-	-	11	-	15	-	6		
WISCONSIN-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	1	-	-	-	-	-	-	-	-	8	-	8	-	6		
WYOMING-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	5	-	1	-	1	-	-	-	-	-	11	-	6	-	5			
TOTAL-----	1	29	9	-	-	-	-	1	-	-	-	-	-	-	29	32	1	105	33	-	10	2	-	4	1	-	6	9	3	371	216	-	-		

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011 (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
OFFICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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, 2011 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL				
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL		
OFFICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CALIFORNIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	8	2

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011 (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			
GRAND TOTAL:																																	
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CALI FORNIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CONNECTI CUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLORI DA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GEORGI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HAWAI I-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KENTUCKY-----	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUERTO RI CO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VI RGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	1	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	140	77	-	48	52	-	-	-





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, 2011

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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA-----	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDaho-----	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	6,000	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,597	-	1,151	-	-

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, 2011 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	224	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	850	-	39	-	-	-	-	-	-	1,090
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	64	-	31	-	-	-	-	-	10	-	123
CALIFORNIA-----	-	30	-	-	-	-	-	-	-	-	-	364	-	914	-	73	-	30	-	2	-	2,386
COLORADO-----	-	37	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	388
CONNECTICUT-----	-	30	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	35
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	157	-	126	-	-	-	-	-	-	-	283
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	360
IDaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	28
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145
IOWA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	57
MAINE-----	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	210	-	-	-	-	-	-	-	266
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	121	-	-	-	-	-	-	-	453
MINNESOTA-----	6,000	91	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	-	-	-	6,000	211
MISSISSIPPI-----	-	51	-	-	-	-	-	-	-	-	-	63	-	1	-	-	-	-	-	-	-	141
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	45
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	30	-	178
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	14
NEVADA-----	-	100	-	-	-	-	-	-	-	-	-	-	-	-	160	-	-	-	-	-	-	415
NEW HAMPSHIRE-----	-	124	-	-	-	-	-	-	-	-	-	-	-	189	-	-	-	-	-	-	-	313
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	105
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	77	-	78	-	-	-	-	-	-	-	231
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	10	6,000	97	-	-	-	-	-	-	6,000	326
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	216	-	80	-	-	-	-	-	-	-	296
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	1	-	65	-	-	-	-	-	-	-	260
OHIO-----	-	3	-	-	-	-	-	-	-	-	-	-	-	113	-	-	-	-	-	-	-	125
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	31
OREGON-----	-	33	-	-	-	-	-	-	-	-	-	-	-	71	-	30	-	-	-	-	-	411
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	402	-	-	-	1	-	-	-	625
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-	-	-	53	-	225
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	29
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	21
SOUTH DAKOTA-----	-	13	-	-	-	-	-	-	-	-	-	-	183	78	-	-	-	-	-	-	-	393
TENNESSEE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54
TEXAS-----	-	143	-	-	-	-	-	-	-	-	-	111	-	707	-	-	-	-	-	3	-	1,194
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	2	-	-	-	-	-	168
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	174	-	-	-	-	-	-	-	174
VIRGINIA-----	-	11	-	-	-	-	-	-	-	-	-	-	-	112	-	-	-	-	-	-	-	138
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	66
WISCONSIN-----	-	46	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	-	-	-	-	176
WYOMING-----	-	100	-	-	-	-	-	-	-	-	-	-	-	177	-	6	-	-	-	-	-	321
TOTAL-----	6,000	1,043	-	-	-	-	-	-	-	-	-	-	1,249	6,000	5,118	-	315	-	31	-	98	18,000

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, 2011 (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:																							
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	146	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	38	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	60	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	178	-	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	187	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	132	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	5	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	215	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	869	-	272	-	-	-

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, 2011 (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:																						
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-	30
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-	-	-	44
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	4
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	9
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	146
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	114
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	359
KANSAS-----	-	7	-	-	-	79	-	-	-	-	-	266	-	-	93	-	-	-	-	-	-	459
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	119	-	1	-	-	-	-	-	-	-	298
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	5
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-	-	-	1	-	45
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	436	-	-	-	-	-	-	-	-	-	436
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	5	-	73	-	-	-	-	-	-	-	88
NEBRASKA-----	-	124	-	-	-	-	-	-	-	-	-	-	-	245	-	-	2	-	-	-	-	558
NEW JERSEY-----	-	98	-	-	-	-	-	-	-	-	-	-	-	19	-	-	3	-	-	-	-	272
OHIO-----	-	116	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	129
OKLAHOMA-----	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	51	-	-	-	-	-	-	-	266
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	173	-	-	-	-	-	-	-	176
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	-	-	-	-	39
TOTAL-----	-	351	-	-	-	79	-	-	-	-	-	826	-	1,041	-	95	-	5	-	1	-	3,539

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, 2011 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	188	-	-	13	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	1	-	-
CALIFORNIA-----	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	577	-	-	393	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	346	-	-	9	-	-
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	146	-	-	-	-	-
HAWAII-----	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	360	-	-	-	-	-
IDaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90	-	-	162	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	34	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	60	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	178	-	-	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	56	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	347	-	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-	8	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	12	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	135	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	196	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154	-	-	1	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	117	-	-	139	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-	10	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	-	76	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	5	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	5	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	277	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	-	203	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	-	-	11	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	118	-	-	1	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	268	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	-	-	84	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	-	-	71	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	6	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	42	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	1	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	6,000	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,466	-	-	1,423	-	-

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, 2011 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	224	-	-	-	-	-	-	-	-	224
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	850	-	39	-	-	-	-	-	-	1,090
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	64	-	61	-	-	-	-	10	-	-	153
CALIFORNIA-----	-	30	-	-	-	-	-	-	-	-	-	-	-	914	-	73	-	30	-	2	-	2,386
COLORADO-----	-	37	-	-	-	-	-	-	-	-	-	1	-	46	-	-	-	-	-	-	-	439
CONNECTICUT-----	-	30	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	35
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	4
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	9
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	157	-	126	-	-	-	-	-	-	-	429
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	360
IDaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	28
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	259
IOWA-----	-	2	-	-	-	-	-	-	-	-	-	266	-	3	-	93	-	-	-	-	-	416
KANSAS-----	-	7	-	-	-	79	-	-	-	-	-	-	-	304	-	-	-	-	-	-	-	459
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	119	-	1	-	-	-	-	-	-	-	298
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
MAINE-----	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	271
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	210	-	2	-	-	-	-	-	53
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	498
MICHIGAN-----	6,000	91	-	-	-	-	-	-	-	-	-	-	-	150	-	-	-	-	-	-	-	6,000
MINNESOTA-----	-	51	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	-	-	-	-	211
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	499	-	1	-	-	-	-	-	-	-	577
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	5	-	78	-	-	-	-	-	-	-	133
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	30	-	178
NEBRASKA-----	-	124	-	-	-	-	-	-	-	-	-	-	-	245	-	5	-	2	-	-	-	572
NEVADA-----	-	100	-	-	-	-	-	-	-	-	-	-	-	-	160	-	-	-	-	-	-	415
NEW HAMPSHIRE-----	-	124	-	-	-	-	-	-	-	-	-	-	-	189	-	-	-	-	-	-	-	313
NEW JERSEY-----	-	98	-	-	-	-	-	-	-	-	-	1	-	19	-	-	-	3	-	-	-	377
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	77	-	78	-	-	-	-	-	-	-	231
NEW YORK-----	-	33	-	-	-	-	-	-	-	-	-	10	6,000	97	-	-	-	-	-	-	-	6,000
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	216	-	80	-	-	-	-	-	-	-	296
NORTH DAKOTA-----	-	173	-	-	-	-	-	-	-	-	-	1	-	65	-	-	-	-	-	-	-	260
OHIO-----	-	119	-	-	-	-	-	-	-	-	-	-	-	126	-	-	-	-	-	-	-	254
OKLAHOMA-----	-	6	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	44
OREGON-----	-	33	-	-	-	-	-	-	-	-	-	-	-	71	-	30	-	-	-	-	-	411
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	402	-	-	-	1	-	-	-	640
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-	-	-	53	-	225
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	21
SOUTH DAKOTA-----	-	13	-	-	-	-	-	-	-	-	-	-	-	183	-	-	-	-	-	-	-	393
TENNESSEE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	51	-	-	-	-	-	-	-	320
TEXAS-----	-	143	-	-	-	-	-	-	-	-	-	111	-	880	-	-	-	-	-	3	-	1,370
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	2	-	-	-	-	-	168
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	174	-	-	-	-	-	-	-	174
VIRGINIA-----	-	11	-	-	-	-	-	-	-	-	-	-	-	112	-	-	-	-	-	-	-	138
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	93
WISCONSIN-----	-	46	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	-	-	-	-	176
WYOMING-----	-	100	-	-	-	-	-	-	-	-	-	-	-	216	-	6	-	-	-	-	-	360
TOTAL-----	6,000	1,394	-	-	-	79	-	-	-	-	-	2,075	6,000	6,159	-	410	-	36	-	99	18,000	16,144

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, 2011 (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	
OFFICE:																							
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	185	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	219	-	-	-	-	-



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, 2011 (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	
OFFICE:																							
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	12
CALIFORNIA-----	-	173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	358
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	14
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	82	-	-	-	-	-	-	-	-	82
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	-	-	-	-	-	-	-	110
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	25
TOTAL-----	-	173	-	-	-	-	-	-	-	-	-	-	-	243	-	-	-	-	-	-	-	-	635

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, 2011 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	188	-	-	13	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	1	-	-
CALIFORNIA-----	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	762	-	-	393	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	346	-	-	9	-	-
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	146	-	-	-	-	-
HAWAII-----	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	360	-	-	-	-	-
IDaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90	-	-	162	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	34	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	60	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	178	-	-	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	56	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	347	-	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-	8	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	12	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	135	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	196	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154	-	-	1	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	117	-	-	139	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-	10	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	144	-	-	76	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	5	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	5	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	277	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	-	203	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	-	-	11	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	268	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	-	-	84	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	-	-	71	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	6	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	42	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	1	-	-
TOTAL-----	6,000	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,685	-	-	1,423	-	-

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, 2011 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	224	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	850	-	39	-	-	-	-	-	-	1,090
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	64	-	73	-	-	-	-	-	10	-	-	165
CALIFORNIA-----	-	203	-	-	-	-	-	-	-	-	-	364	-	914	-	73	-	30	-	2	-	2,744
COLORADO-----	-	37	-	-	-	-	-	-	-	-	-	1	-	46	-	-	-	-	-	-	-	439
CONNECTICUT-----	-	30	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	35
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	4
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	9
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	157	-	126	-	-	-	-	-	-	-	429
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	360
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	28
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	273
IOWA-----	-	2	-	-	-	-	-	-	-	-	-	266	-	3	-	93	-	-	-	-	-	416
KANSAS-----	-	7	-	-	-	79	-	-	-	-	-	-	-	304	-	-	-	-	-	-	-	459
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	119	-	1	-	-	-	-	-	-	-	298
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
MAINE-----	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	271
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	210	-	2	-	-	-	-	-	53
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	580
MICHIGAN-----	6,000	91	-	-	-	-	-	-	-	-	-	-	-	232	-	-	-	-	-	1	6,000	211
MINNESOTA-----	-	51	-	-	-	-	-	-	-	-	-	-	499	1	-	-	-	-	-	-	-	577
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	5	-	78	-	-	-	-	-	-	-	133
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	30	178
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	572
NEBRASKA-----	-	124	-	-	-	-	-	-	-	-	-	-	-	245	-	5	-	2	-	-	-	415
NEVADA-----	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	160	-	-	-	-	-	313
NEW HAMPSHIRE-----	-	124	-	-	-	-	-	-	-	-	-	-	-	189	-	-	-	-	-	-	-	377
NEW JERSEY-----	-	98	-	-	-	-	-	-	-	-	-	1	-	19	-	-	-	3	-	-	-	231
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	77	-	78	-	-	-	-	-	-	-	360
NEW YORK-----	-	33	-	-	-	-	-	-	-	-	-	10	6,000	97	-	-	-	-	-	-	6,000	296
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	80	-	-	-	-	-	-	-	260
NORTH DAKOTA-----	-	173	-	-	-	-	-	-	-	-	-	-	-	65	-	-	-	-	-	-	-	254
OHIO-----	-	119	-	-	-	-	-	-	-	-	-	-	-	126	-	-	-	-	-	-	-	44
OKLAHOMA-----	-	6	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	521
OREGON-----	-	33	-	-	-	-	-	-	-	-	-	-	-	181	-	30	-	-	-	-	-	665
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	427	-	-	-	1	-	-	-	225
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-	-	-	53	-	29
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	21
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	393
SOUTH DAKOTA-----	-	13	-	-	-	-	-	-	-	-	-	-	183	78	-	-	-	-	-	-	-	320
TENNESSEE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	51	-	-	-	-	-	-	-	1,370
TEXAS-----	-	143	-	-	-	-	-	-	-	-	-	111	-	880	-	-	-	3	-	-	-	168
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	2	-	-	-	-	-	174
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	174	-	-	-	-	-	-	-	138
VIRGINIA-----	-	11	-	-	-	-	-	-	-	-	-	-	-	112	-	-	-	-	-	-	-	93
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	176
WISCONSIN-----	-	46	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	-	-	-	-	360
WYOMING-----	-	100	-	-	-	-	-	-	-	-	-	-	-	216	-	6	-	-	-	-	-	
TOTAL-----	6,000	1,567	-	-	-	79	-	-	-	-	-	-	2,075	6,000	6,402	-	410	-	36	-	99	18,000

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, 2011

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
<b>SURFACE MINES:</b>																	
OPEN PIT:																	
BELTMAN/BOOM OPR.-----	-	-	-	2	2	2	-	2	-	-	-	29	29	29	-	14	14
BULLDOZER/MOBILE EQUIP.---	-	-	-	47	47	47	26	73	-	-	-	1,560	1,560	1,560	-	33	33
DRAG/CRANE/SHOVEL OPR.---	-	-	-	12	12	12	1	13	-	-	-	623	623	623	-	52	52
DREDGE/BARGE/BOAT-----	-	-	-	2	2	2	-	2	-	-	-	19	19	19	-	10	10
ELECTRICIAN-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
FRONT END LOADER-----	1	-	-	16	16	17	16	33	6,000	-	-	657	657	6,657	-	41	392
HOST/CAGE/SKIP-----	-	-	-	1	1	1	-	1	-	-	-	67	67	67	-	67	67
LABORER-----	-	-	1	49	50	50	27	77	-	-	100	1,884	1,984	1,984	100	38	40
LOADING MACH. OPR.-----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
MECHANIC/MAINTENANCE----	-	-	1	66	67	67	40	107	-	-	75	2,899	2,974	2,974	75	44	44
MINER-----	-	-	-	24	25	25	23	48	-	-	100	874	974	974	100	36	39
PREP. PLANT OPR.-----	1	-	1	31	32	33	14	47	6,000	-	-	75	1,346	1,421	75	43	225
SUPERVISOR/FOREMAN-----	-	-	1	15	16	16	12	28	-	-	75	748	823	823	75	50	51
TECH./PROF./CLERICAL-----	1	-	-	5	5	6	2	8	6,000	-	-	498	498	6,498	-	100	1,083
TRUCK DRIVER-----	-	-	-	17	17	17	4	21	-	-	-	682	682	682	-	40	40
WELDER/MACHINIST-----	-	-	-	7	7	7	6	13	-	-	-	212	212	212	-	30	30
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	-	1	-	-	-	57	57	57	-	57	57
TOTAL OR AVERAGE-----	3	-	5	297	302	305	171	476	18,000	-	425	12,180	12,605	30,605	85	41	100
<b>DREDGE:</b>																	
BULLDOZER/MOBILE EQUIP.---	-	-	-	5	5	5	4	9	-	-	-	113	113	113	-	23	23
DRAG/CRANE/SHOVEL OPR.---	-	-	-	2	2	2	1	3	-	-	-	73	73	73	-	36	36
DREDGE/BARGE/BOAT-----	-	-	-	16	16	16	10	26	-	-	-	1,131	1,131	1,131	-	71	71
ELECTRICIAN-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
FRONT END LOADER-----	-	-	-	5	5	5	3	8	-	-	-	412	412	412	-	82	82
LABORER-----	-	-	-	12	12	12	1	13	-	-	-	688	688	688	-	57	57
MECHANIC/MAINTENANCE----	-	-	-	8	8	8	5	13	-	-	-	676	676	676	-	84	84
MINER-----	-	-	-	7	7	7	4	11	-	-	-	86	86	86	-	12	12
PREP. PLANT OPR.-----	-	-	-	4	4	4	8	12	-	-	-	26	26	26	-	6	6
SUPERVISOR/FOREMAN-----	-	-	-	4	4	4	4	9	-	-	-	204	204	204	-	51	51
WELDER/MACHINIST-----	-	-	-	5	5	5	3	8	-	-	-	129	129	129	-	26	26
TOTAL OR AVERAGE-----	-	-	-	69	69	69	45	114	-	-	-	3,539	3,539	3,539	-	51	51

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, 2011 (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	-	-	-	29	29	29	-	14	14
BULLDOZER/MOBILE EQUIP.-----	-	-	-	52	52	52	30	82	-	-	-	1,673	1,673	1,673	-	32	32
DRAG/CRANE/SHOVEL OPR.-----	-	-	-	14	14	14	2	16	-	-	-	696	696	696	-	50	50
DREDGE/BARGE/BOAT-----	-	-	-	18	18	18	10	28	-	-	-	1,150	1,150	1,150	-	64	64
ELECTRICIAN-----	-	-	-	2	2	2	1	3	-	-	-	11	11	11	-	6	6
FRONT END LOADER-----	1	-	-	21	21	22	19	41	6,000	-	-	1,069	1,069	7,069	-	51	321
HOIST/CAGE/SKI P-----	-	-	-	1	1	1	-	1	-	-	-	67	67	67	-	67	67
LABORER-----	-	-	1	61	62	62	28	90	-	-	100	2,572	2,672	2,672	100	42	43
LOADING MACH. OPR.-----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
MECHANIC/MAINTENANCE-----	-	-	1	74	75	75	45	120	-	-	75	3,575	3,650	3,650	75	48	49
MINER-----	-	-	1	31	32	32	27	59	-	-	100	960	1,060	1,060	100	31	33
PREP. PLANT OPR.-----	1	-	-	35	36	37	22	59	6,000	-	-	75	1,372	1,447	75	39	201
SUPERVISOR/FOREMAN-----	-	-	1	19	20	20	17	37	-	-	75	952	1,027	1,027	75	50	51
TECH./PROF./CLERICAL-----	1	-	-	5	5	6	2	8	6,000	-	-	498	498	6,498	-	100	1,083
TRUCK DRIVER-----	-	-	-	17	17	17	4	21	-	-	-	682	682	-	-	40	40
WELDER/MACHINIST-----	-	-	-	12	12	12	9	21	-	-	-	341	341	341	-	28	28
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	-	1	-	-	-	57	57	57	-	57	57
<b>TOTAL OR AVERAGE-----</b>	<b>3</b>	<b>-</b>	<b>5</b>	<b>366</b>	<b>371</b>	<b>374</b>	<b>216</b>	<b>590</b>	<b>18,000</b>	<b>-</b>	<b>425</b>	<b>15,719</b>	<b>16,144</b>	<b>34,144</b>	<b>85</b>	<b>43</b>	<b>91</b>
<b>OFFICE:</b>																	
FRONT END LOADER-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
LABORER-----	-	-	-	1	1	1	1	2	-	-	-	185	185	185	-	185	185
SUPERVISOR/FOREMAN-----	-	-	-	1	1	1	1	2	-	-	-	173	173	173	-	173	173
TECH./PROF./CLERICAL-----	-	-	-	5	5	5	-	5	-	-	-	252	252	252	-	50	50
TRUCK DRIVER-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25
<b>TOTAL OR AVERAGE-----</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>2</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>635</b>	<b>635</b>	<b>635</b>	<b>-</b>	<b>79</b>	<b>79</b>
<b>GRAND TOTAL OR AVERAGE:</b>																	
BELTMAN/BOOM OPR.-----	-	-	-	2	2	2	-	2	-	-	-	29	29	29	-	14	14
BULLDOZER/MOBILE EQUIP.-----	-	-	-	52	52	52	30	82	-	-	-	1,673	1,673	1,673	-	32	32
DRAG/CRANE/SHOVEL OPR.-----	-	-	-	14	14	14	2	16	-	-	-	696	696	696	-	50	50
DREDGE/BARGE/BOAT-----	-	-	-	18	18	18	10	28	-	-	-	1,150	1,150	1,150	-	64	64
ELECTRICIAN-----	-	-	-	2	2	2	1	3	-	-	-	11	11	11	-	6	6
FRONT END LOADER-----	1	-	-	21	21	22	20	42	6,000	-	-	1,069	1,069	7,069	-	51	321
HOIST/CAGE/SKI P-----	-	-	-	1	1	1	-	1	-	-	-	67	67	67	-	67	67
LABORER-----	-	-	1	62	63	63	28	91	-	-	100	2,757	2,857	2,857	100	44	45
LOADING MACH. OPR.-----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
MECHANIC/MAINTENANCE-----	-	-	1	74	75	75	45	120	-	-	75	3,575	3,650	3,650	75	48	49
MINER-----	-	-	1	31	32	32	27	59	-	-	100	960	1,060	1,060	100	31	33
PREP. PLANT OPR.-----	1	-	-	35	36	37	22	59	6,000	-	-	75	1,372	1,447	75	39	201
SUPERVISOR/FOREMAN-----	-	-	1	20	21	21	18	39	-	-	75	1,125	1,200	1,200	75	56	57
TECH./PROF./CLERICAL-----	1	-	-	10	10	11	2	13	6,000	-	-	750	750	6,750	-	75	614
TRUCK DRIVER-----	-	-	-	18	18	18	4	22	-	-	-	707	707	707	-	39	39
WELDER/MACHINIST-----	-	-	-	12	12	12	9	21	-	-	-	341	341	341	-	28	28
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	-	1	-	-	-	57	57	57	-	57	57
<b>TOTAL OR AVERAGE-----</b>	<b>3</b>	<b>-</b>	<b>5</b>	<b>374</b>	<b>379</b>	<b>382</b>	<b>218</b>	<b>600</b>	<b>18,000</b>	<b>-</b>	<b>425</b>	<b>16,354</b>	<b>16,779</b>	<b>34,779</b>	<b>85</b>	<b>44</b>	<b>91</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, 2011

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:																	
ELECTRICAL-----	1	-	-	1	2	-	2	6,000	-	-	3	3	6,003	-	3	3,002	
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
HANDLING MATERIAL-----	-	-	116	116	116	64	180	-	-	3,597	3,597	3,597	-	31	31		
HAND TOOL-----	-	-	39	39	39	41	80	-	-	1,151	1,151	1,151	-	30	30		
POWERED HAULAGE-----	1	-	20	23	24	8	32	6,000	-	275	768	1,043	92	38	293		
MACHINERY-----	-	-	2	22	24	22	46	-	-	150	1,099	1,249	75	50	52		
SLIP OR FALL OF PERSON-----	1	-	-	84	84	85	25	110	6,000	-	-	5,118	5,118	11,118	-	61	131
STEPPING OR KNEELING ON OBJECT-----	-	-	-	8	8	8	1	9	-	-	-	315	315	315	-	39	39
STRIKING OR BUMPING-----	-	-	-	2	2	2	1	3	-	-	-	31	31	31	-	16	16
OTHER INJURIES-----	-	-	-	5	5	5	8	13	-	-	-	98	98	98	-	20	20
TOTAL OR AVERAGE-----	3	-	5	297	302	305	171	476	18,000	-	425	12,180	12,605	30,605	85	41	100
<b>DREDGE:</b>																	
ELECTRICAL-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
HANDLING MATERIAL-----	-	-	22	22	22	13	35	-	-	869	869	869	-	40	40		
HAND TOOL-----	-	-	9	9	9	10	19	-	-	272	272	272	-	30	30		
POWERED HAULAGE-----	-	-	6	6	6	1	7	-	-	351	351	351	-	58	58		
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	1	1	1	-	1	-	-	79	79	79	-	79	79		
MACHINERY-----	-	-	5	5	5	10	15	-	-	826	826	826	-	165	165		
SLIP OR FALL OF PERSON-----	-	-	-	21	21	21	8	29	-	-	-	1,041	1,041	1,041	-	50	50
STEPPING OR KNEELING ON OBJECT-----	-	-	-	2	2	2	1	3	-	-	-	95	95	95	-	48	48
STRIKING OR BUMPING-----	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
OTHER INJURIES-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE-----	-	-	-	69	69	69	45	114	-	-	-	3,539	3,539	3,539	-	51	51
<b>TOTAL OR AVERAGE, MINING:</b>																	
ELECTRICAL-----	1	-	-	1	2	1	3	6,000	-	-	3	3	6,003	-	3	3,002	
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
HANDLING MATERIAL-----	-	-	138	138	138	77	215	-	-	4,466	4,466	4,466	-	32	32		
HAND TOOL-----	-	-	48	48	48	51	99	-	-	1,423	1,423	1,423	-	30	30		
POWERED HAULAGE-----	1	-	3	26	29	9	39	6,000	-	275	1,119	1,394	7,394	92	43	246	
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	1	1	1	-	1	-	-	79	79	79	-	79	79	
MACHINERY-----	-	-	2	27	29	32	61	-	-	150	1,925	2,075	2,075	75	71	72	
SLIP OR FALL OF PERSON-----	1	-	-	105	105	106	33	139	6,000	-	-	6,159	6,159	12,159	-	59	115
STEPPING OR KNEELING ON OBJECT-----	-	-	-	10	10	10	2	12	-	-	-	410	410	410	-	41	41
STRIKING OR BUMPING-----	-	-	-	4	4	4	1	5	-	-	-	36	36	36	-	9	9
OTHER INJURIES-----	-	-	-	6	6	6	9	15	-	-	-	99	99	99	-	16	16
TOTAL OR AVERAGE-----	3	-	5	366	371	374	216	590	18,000	-	425	15,719	16,144	34,144	85	43	91

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, 2011 (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						
OFFICE:																	
HANDLING MATERIAL-----	-	-	-	2	2	2	-	2	-	-	-	219	219	219	-	110	110
HAND TOOL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWERED HAULAGE-----	-	-	-	1	1	1	-	1	-	-	-	173	173	173	-	173	173
SLIP OR FALL OF PERSON-----	-	-	-	5	5	5	-	5	-	-	-	243	243	243	-	49	49
OTHER INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	8	8	8	2	10	-	-	-	635	635	635	-	79	79
GRAND TOTAL OR AVERAGE:																	
ELECTRICAL-----	1	-	-	1	1	2	1	3	6,000	-	-	3	3	6,003	-	3	3,002
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL-----	-	-	-	140	140	140	77	217	-	-	-	4,685	4,685	4,685	-	33	33
HAND TOOL-----	-	-	-	48	48	48	52	100	-	-	-	1,423	1,423	1,423	-	30	30
POWERED HAULAGE-----	1	-	3	27	30	31	9	40	6,000	-	275	1,292	1,567	7,567	92	48	244
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	1	1	1	-	1	-	-	-	79	79	79	-	79	79
MACHINERY-----	-	-	-	27	29	29	32	61	-	-	150	1,925	2,075	2,075	75	71	72
SLIP OR FALL OF PERSON-----	1	-	-	110	110	111	33	144	6,000	-	-	6,402	6,402	12,402	-	58	112
STEPPING OR KNEELING ON OBJECT-----	-	-	-	10	10	10	2	12	-	-	-	410	410	410	-	41	41
STRIKING OR BUMPING-----	-	-	-	4	4	4	1	5	-	-	-	36	36	36	-	9	9
OTHER INJURIES-----	-	-	-	6	6	6	10	16	-	-	-	99	99	99	-	16	16
TOTAL OR AVERAGE-----	3	-	5	374	379	382	218	600	18,000	-	425	16,354	16,779	34,779	85	44	91

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, 2011

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:																	
BODY SYSTEMS-----	1	-	-	1	1	2	-	2	6,000	-	-	3	3	6,003	-	3	3,002
MULTIPLE PARTS OF BODY----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	1	-	-	1	1	2	1	3	6,000	-	-	3	3	6,003	-	3	3,002
FALLING, ROLLING, OR SLIDING MATERIAL:																	
HEAD, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL:																	
EYE-----	-	-	-	2	2	2	7	9	-	-	-	7	7	7	-	4	4
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	1	1	-	-	-	1	1	1	-	1	1
NOSE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	2	2	2	1	3	-	-	-	6	6	6	-	3	3
HEAD, NEC-----	-	-	-	3	3	3	5	8	-	-	-	10	10	10	-	3	3
NECK-----	-	-	-	1	1	1	2	3	-	-	-	13	13	13	-	13	13
UPPER ARM-----	-	-	-	2	2	2	1	3	-	-	-	149	149	149	-	74	74
ELBOW-----	-	-	-	1	1	1	1	2	-	-	-	16	16	16	-	16	16
FOREARM-----	-	-	-	2	2	2	1	3	-	-	-	289	289	289	-	144	144
WRIST-----	-	-	-	3	3	3	1	4	-	-	-	197	197	197	-	66	66
HAND-----	-	-	-	9	9	9	5	14	-	-	-	149	149	149	-	17	17
FINGER(S)-----	-	-	-	28	28	28	27	55	-	-	-	500	500	500	-	18	18
UPPER EXTREMITIES, NEC----	-	-	-	4	4	4	1	5	-	-	-	52	52	52	-	13	13
ABDOMEN-----	-	-	-	2	2	2	-	2	-	-	-	98	98	98	-	49	49
BACK-----	-	-	-	28	28	28	7	35	-	-	-	815	815	815	-	29	29
PELVIC REGION-----	-	-	-	9	9	9	1	10	-	-	-	212	212	212	-	24	24
SHOULDER(S)-----	-	-	-	13	13	13	5	18	-	-	-	795	795	795	-	61	61
TRUNK, NEC-----	-	-	-	1	1	1	-	1	-	-	-	79	79	79	-	79	79
THIGH-----	-	-	-	3	3	3	1	4	-	-	-	55	55	55	-	18	18
KNEE-----	-	-	-	9	9	9	3	12	-	-	-	79	79	79	-	9	9
LOWER LEG-----	-	-	-	3	3	3	-	3	-	-	-	63	63	63	-	21	21
ANKLE-----	-	-	-	1	1	1	1	2	-	-	-	185	185	185	-	185	185
FOOT-----	-	-	-	4	4	4	3	7	-	-	-	169	169	169	-	42	42
TOE(S)-----	-	-	-	2	2	2	-	2	-	-	-	20	20	20	-	10	10
LOWER EXTREMITIES, NEC----	-	-	-	3	3	3	-	3	-	-	-	164	164	164	-	55	55
MULTIPLE PARTS OF BODY----	-	-	-	4	4	4	2	6	-	-	-	562	562	562	-	140	140
TOTAL OR AVERAGE-----	-	-	-	140	140	140	77	217	-	-	-	4,685	4,685	4,685	-	33	33



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, 2011 (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>HAND TOOL:</b>																	
EYE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
NOSE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	1	1	1	2	3	-	-	-	6	6	6	-	6	6
HEAD, NEC-----	-	-	-	2	2	2	1	3	-	-	-	2	2	2	-	1	1
UPPER ARM-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
ELBOW-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FOREARM-----	-	-	-	3	3	3	5	8	-	-	-	285	285	285	-	95	95
WRIST-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
HAND-----	-	-	-	4	4	4	7	11	-	-	-	103	103	103	-	26	26
FINGER(S)-----	-	-	-	11	11	11	13	24	-	-	-	206	206	206	-	19	19
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
ABDOMEN-----	-	-	-	3	3	3	1	4	-	-	-	15	15	15	-	5	5
BACK-----	-	-	-	6	6	6	2	8	-	-	-	63	63	63	-	10	10
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19
SHOULDER(S)-----	-	-	-	4	4	4	2	6	-	-	-	446	446	446	-	112	112
THIGH-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KNEE-----	-	-	-	6	6	6	1	7	-	-	-	229	229	229	-	38	38
LOWER LEG-----	-	-	-	1	1	1	2	3	-	-	-	2	2	2	-	2	2
ANKLE-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
FOOT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOE(S)-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
LOWER EXTREMITIES, NEC-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	1	3	-	-	-	17	17	17	-	8	8
TOTAL OR AVERAGE-----	-	-	-	48	48	48	52	100	-	-	-	1,423	1,423	1,423	-	30	30
<b>POWERED HAULAGE:</b>																	
EYE-----	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3
HEAD, NEC-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
NECK-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
ELBOW-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
WRIST-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
HAND-----	-	-	-	1	2	2	-	2	-	-	-	98	198	198	100	98	99
FINGER(S)-----	-	-	-	5	7	7	-	7	-	-	-	175	274	274	88	20	39
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	1	2	-	-	-	124	124	124	-	124	124
BACK-----	-	-	-	4	4	4	1	5	-	-	-	161	161	161	-	40	40
CHEST-----	-	-	-	1	1	1	1	2	-	-	-	51	51	51	-	51	51
PELVIC REGION-----	-	-	-	3	3	3	-	3	-	-	-	232	232	232	-	77	77
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11
TRUNK, NEC-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
KNEE-----	-	-	-	3	3	3	-	3	-	-	-	240	240	240	-	80	80
ANKLE-----	-	-	-	2	2	2	-	2	-	-	-	174	174	174	-	87	87
FOOT-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
LOWER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY-----	1	-	-	-	-	1	-	2	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	3	27	30	31	9	40	6,000	-	275	1,292	1,567	7,567	92	48	244

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, 2011 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL					
		TOTAL	PARTIAL													TOTAL
IGNITION OR EXPLOSION OF GAS OR DUST: HEAD, NEC-----	-	-	-	1	1	1	-	1	-	-	79	79	79	-	79	79
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	79	79	79	-	79	79
MACHINERY:																
EYE-----	-	-	-	5	5	5	14	19	-	-	14	14	14	-	3	3
JAW-----	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	1	2	-	-	79	79	79	-	79	79
NOSE-----	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	1	1	1	2	3	-	-	308	308	308	-	308	308
FOREARM-----	-	-	-	2	2	2	2	2	-	-	-	-	-	-	-	-
HAND-----	-	-	-	2	2	2	4	6	-	-	16	16	16	-	8	8
FINGER(S)-----	-	-	2	2	4	4	1	5	150	16	16	166	166	75	8	42
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	1	2	-	-	10	10	10	-	10	10
BACK-----	-	-	-	6	6	6	4	10	-	-	840	840	840	-	140	140
CHEST-----	-	-	-	1	1	1	-	1	-	-	12	12	12	-	12	12
TRUNK, NEC-----	-	-	-	1	1	1	-	1	-	-	64	64	64	-	64	64
LOWER LEG-----	-	-	-	3	3	3	1	4	-	-	438	438	438	-	146	146
FOOT-----	-	-	-	2	2	2	-	2	-	-	45	45	45	-	22	22
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	-	2	-	-	83	83	83	-	42	42
TOTAL OR AVERAGE-----	-	-	2	27	29	29	32	61	-	150	1,925	2,075	2,075	75	71	72
SLIP OR FALL OF PERSON:																
EAR-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	3	3	3	3	6	-	-	60	60	60	-	20	20
UPPER ARM-----	-	-	-	1	1	1	1	2	-	-	82	82	82	-	82	82
ELBOW-----	-	-	-	2	2	2	3	5	-	-	104	104	104	-	52	52
FOREARM-----	-	-	-	2	2	2	1	3	-	-	9	9	9	-	4	4
WRIST-----	-	-	-	4	4	4	1	5	-	-	40	40	40	-	10	10
HAND-----	-	-	-	3	3	3	-	3	-	-	125	125	125	-	42	42
FINGER(S)-----	-	-	-	3	3	3	1	4	-	-	88	88	88	-	29	29
UPPER EXTREMITIES, NEC-----	-	-	-	2	2	2	4	6	-	-	22	22	22	-	11	11
BACK-----	-	-	-	3	3	3	2	5	-	-	127	127	127	-	42	42
CHEST-----	-	-	-	6	6	6	-	6	-	-	102	102	102	-	17	17
PELVIC REGION-----	-	-	-	6	6	6	-	7	-	-	270	270	270	-	45	45
SHOULDER(S)-----	-	-	-	11	11	11	3	14	-	-	959	959	959	-	87	87
TRUNK, NEC-----	-	-	-	1	1	1	1	2	-	-	3	3	3	-	3	3
THIGH-----	-	-	-	2	2	2	-	2	-	-	329	329	329	-	164	164
KNEE-----	-	-	-	23	23	23	3	26	-	-	1,073	1,073	1,073	-	47	47
LOWER LEG-----	-	-	-	7	7	7	2	9	-	-	600	600	600	-	86	86
ANKLE-----	-	-	-	14	14	14	1	15	-	-	1,106	1,106	1,106	-	79	79
FOOT-----	-	-	-	4	4	4	1	5	-	-	250	250	250	-	62	62
LOWER EXTREMITIES, NEC-----	-	-	-	3	3	3	-	3	-	-	188	188	188	-	63	63
MULTIPLE PARTS OF BODY-----	1	-	-	10	10	11	1	12	6,000	-	865	865	6,865	-	86	624
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	1	-	-	110	110	111	33	144	6,000	-	6,402	6,402	12,402	-	58	112

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, 2011 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
STEPPING OR KNEELING ON OBJECT:																	
BACK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KNEE-----	-	-	-	3	3	3	-	3	-	-	-	152	-	-	-	51	51
ANKLE-----	-	-	-	5	5	5	1	6	-	-	-	250	-	-	-	50	50
FOOT-----	-	-	-	2	2	2	-	2	-	-	-	8	-	-	-	4	4
TOTAL OR AVERAGE-----	-	-	-	10	10	10	2	12	-	-	-	410	-	-	-	41	41
STRIKING OR BUMPING:																	
NOSE-----	-	-	-	1	1	1	-	1	-	-	-	30	-	-	-	30	30
HEAD, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NECK-----	-	-	-	1	1	1	-	1	-	-	-	1	-	-	-	1	1
ELBOW-----	-	-	-	1	1	1	-	1	-	-	-	3	-	-	-	3	3
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	2	-	-	-	2	2
TOTAL OR AVERAGE-----	-	-	-	4	4	4	1	5	-	-	-	36	-	-	-	9	9
OTHER INJURIES:																	
EYE-----	-	-	-	1	1	1	3	4	-	-	-	1	-	-	-	1	1
HAND-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FINGER(S)-----	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
BACK-----	-	-	-	1	1	1	-	1	-	-	-	10	-	-	-	10	10
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	53	-	-	-	53	53
ANKLE-----	-	-	-	1	1	1	-	1	-	-	-	3	-	-	-	3	3
BODY SYSTEMS-----	-	-	-	1	1	1	1	2	-	-	-	2	-	-	-	2	2
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	-	-	30	-	-	-	30	30
TOTAL OR AVERAGE-----	-	-	-	6	6	6	10	16	-	-	-	99	-	-	-	16	16

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, 2011 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
TOTAL OR AVERAGE:	3	-	5	374	379	382	218	600	18,000	-	425	16,354	16,779	34,779	85	44	91
EAR-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
EYE-----	-	-	-	9	9	9	29	38	-	-	25	25	25	-	-	3	3
JAW-----	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	5	7	-	-	80	80	80	-	-	40	40
NOSE-----	-	-	-	1	1	1	3	4	-	-	30	30	30	-	-	30	30
FACE, NEC-----	-	-	-	3	3	3	4	7	-	-	12	12	12	-	-	4	4
HEAD, NEC-----	-	-	-	10	10	10	15	25	-	-	459	459	459	-	-	46	46
NECK-----	-	-	-	3	3	3	2	5	-	-	35	35	35	-	-	12	12
UPPER ARM-----	-	-	-	4	4	4	2	6	-	-	241	241	241	-	-	60	60
ELBOW-----	-	-	-	5	5	5	6	11	-	-	131	131	131	-	-	26	26
FOREARM-----	-	-	-	7	7	7	9	16	-	-	583	583	583	-	-	83	83
WRIST-----	-	-	-	8	8	8	4	12	-	-	267	267	267	-	-	33	33
HAND-----	-	1	-	19	20	20	17	37	-	-	491	591	591	100	-	26	30
FINGER(S)-----	-	-	4	49	53	53	47	100	-	325	909	1,234	1,234	81	-	19	23
UPPER EXTREMITIES, NEC-----	-	-	-	9	9	9	7	16	-	-	213	213	213	-	-	24	24
ABDOMEN-----	-	-	-	5	5	5	1	6	-	-	113	113	113	-	-	23	23
BACK-----	-	-	-	48	48	48	17	65	-	-	2,016	2,016	2,016	-	-	42	42
CHEST-----	-	-	-	8	8	8	1	9	-	-	165	165	165	-	-	21	21
PELVIC REGION-----	-	-	-	19	19	19	2	21	-	-	733	733	733	-	-	39	39
SHOULDER(S)-----	-	-	-	29	29	29	10	39	-	-	2,211	2,211	2,211	-	-	76	76
TRUNK, NEC-----	-	-	-	4	4	4	1	5	-	-	162	162	162	-	-	40	40
THIGH-----	-	-	-	5	5	5	2	7	-	-	384	384	384	-	-	77	77
KNEE-----	-	-	-	46	46	46	7	53	-	-	1,828	1,828	1,828	-	-	40	40
LOWER LEG-----	-	-	-	14	14	14	5	19	-	-	1,103	1,103	1,103	-	-	79	79
ANKLE-----	-	-	-	24	24	24	3	27	-	-	1,728	1,728	1,728	-	-	72	72
FOOT-----	-	-	-	13	13	13	5	18	-	-	496	496	496	-	-	38	38
TOE(S)-----	-	-	-	3	3	3	-	3	-	-	25	25	25	-	-	8	8
LOWER EXTREMITIES, NEC-----	-	-	-	6	6	6	4	10	-	-	352	352	352	-	-	59	59
BODY SYSTEMS-----	1	-	-	2	2	3	1	4	6,000	-	5	5	6,005	-	-	2	2,002
MULTIPLE PARTS OF BODY-----	2	-	-	18	18	20	6	26	12,000	-	1,527	1,527	13,527	-	-	85	676
UNCLASSIFIED-----	-	-	-	1	1	1	1	2	-	-	30	30	30	-	-	30	30

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, 2011

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	2	-	2	6,000	-	-	3	3	6,003	-	3	3,002
RADIATION/ULTRAVIOLET----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	1	-	-	1	1	2	1	3	6,000	-	-	3	3	6,003	-	3	3,002
FALLING, ROLLING, OR SLIDING MATERIAL:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	1	2	-	-	-	20	20	20	-	20	20
CHEMICAL BURN-----	-	-	-	3	3	3	4	7	-	-	-	42	42	42	-	14	14
CONTUSION OR BRUISE-----	-	-	-	14	14	14	7	21	-	-	-	205	205	205	-	15	15
CUT OR PUNCTURE-----	-	-	-	30	30	30	36	66	-	-	-	345	345	345	-	12	12
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
DUST IN EYE-----	-	-	-	1	1	1	1	2	-	-	-	6	6	6	-	6	6
FRACTURE-----	-	-	-	16	16	16	3	19	-	-	-	745	745	745	-	47	47
HERNIA (NOT DISC)-----	-	-	-	4	4	4	-	4	-	-	-	154	154	154	-	38	38
SCRATCH/ABRASION-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	64	64	64	18	82	-	-	-	2,684	2,684	2,684	-	42	42
MULTIPLE INJURIES-----	-	-	-	1	1	1	1	2	-	-	-	360	360	360	-	360	360
UNCLASSIFIED (NO DATA)----	-	-	-	5	5	5	3	8	-	-	-	106	106	106	-	21	21
TOTAL OR AVERAGE-----	-	-	-	140	140	140	77	217	-	-	-	4,685	4,685	4,685	-	33	33
HAND TOOL:																	
CONCUSSION (CEREBRAL)----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CONTUSION OR BRUISE-----	-	-	-	3	3	3	6	9	-	-	-	43	43	43	-	14	14
CUT OR PUNCTURE-----	-	-	-	18	18	18	37	55	-	-	-	289	289	289	-	16	16
FRACTURE-----	-	-	-	11	11	11	1	12	-	-	-	499	499	499	-	45	45
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19
STRAIN/SPRAIN-----	-	-	-	10	10	10	4	14	-	-	-	465	465	465	-	46	46
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)----	-	-	-	4	4	4	3	7	-	-	-	107	107	107	-	27	27
TOTAL OR AVERAGE-----	-	-	-	48	48	48	52	100	-	-	-	1,423	1,423	1,423	-	30	30

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, 2011 (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>POWERED HAULAGE:</b>																	
AMPUTATION/ENUCLEATION-----	-	-	3	-	3	3	-	3	-	-	275	-	275	275	92	-	92
CONTUSION OR BRUISE-----	1	-	-	3	3	4	1	5	6,000	-	-	199	199	6,199	-	66	1,550
CUT OR PUNCTURE-----	-	-	-	3	3	3	2	5	-	-	-	75	75	75	-	25	25
DUST IN EYE-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
FRACTURE-----	-	-	-	8	8	8	1	9	-	-	-	593	593	593	-	74	74
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	13	13	13	-	13	13
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	9	9	9	1	10	-	-	-	192	192	192	-	21	21
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	1	3	-	-	-	217	217	217	-	108	108
TOTAL OR AVERAGE-----	1	-	3	27	30	31	9	40	6,000	-	275	1,292	1,567	7,567	92	48	244
<b>IGNITION OR EXPLOSION OF GAS OR DUST:</b>																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	-	79	79	79	-	79	79
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	79	79	79	-	79	79
<b>MACHINERY:</b>																	
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	150	-	150	150	75	-	75
BURN/SCALD (NOT CHEM.)-----	-	-	-	3	3	3	5	8	-	-	-	26	26	26	-	9	9
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	-	1	-	-	-	308	308	308	-	308	308
CONTUSION OR BRUISE-----	-	-	-	3	3	3	2	5	-	-	-	486	486	486	-	162	162
CUT OR PUNCTURE-----	-	-	-	4	4	4	12	16	-	-	-	29	29	29	-	7	7
DUST IN EYE-----	-	-	-	2	2	2	4	6	-	-	-	2	2	2	-	1	1
FRACTURE-----	-	-	-	7	7	7	2	9	-	-	-	694	694	694	-	99	99
RADIATION/ULTRA VIOLET-----	-	-	-	2	2	2	2	4	-	-	-	6	6	6	-	3	3
SCRATCH/ABRASION-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	4	4	4	2	6	-	-	-	364	364	364	-	91	91
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	2	27	29	29	32	61	-	-	150	1,925	2,075	2,075	75	71	72
<b>SLIP OR FALL OF PERSON:</b>																	
CONCUSSION (CEREBRAL)-----	-	-	-	3	3	3	-	3	-	-	-	60	60	60	-	20	20
CONTUSION OR BRUISE-----	-	-	-	12	12	12	3	15	-	-	-	786	786	786	-	66	66
CUT OR PUNCTURE-----	-	-	-	9	9	9	10	19	-	-	-	290	290	290	-	32	32
DISLOCATION-----	-	-	-	1	1	1	1	2	-	-	-	23	23	23	-	23	23
FRACTURE-----	-	-	-	33	33	33	4	37	-	-	-	2,489	2,489	2,489	-	75	75
STRAIN/SPRAIN-----	-	-	-	41	41	41	9	50	-	-	-	2,166	2,166	2,166	-	53	53
MULTIPLE INJURIES-----	1	-	-	4	4	5	2	7	6,000	-	-	125	125	6,125	-	31	1,225
UNCLASSIFIED (NO DATA)-----	-	-	-	7	7	7	4	11	-	-	-	463	463	463	-	66	66
TOTAL OR AVERAGE-----	1	-	-	110	110	111	33	144	6,000	-	-	6,402	6,402	12,402	-	58	112

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, 2011 (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						
STEPPING OR KNEELING ON OBJECT:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	-	20	20
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	219	219	219	-	73	73
STRAIN/SPRAIN-----	-	-	-	5	5	5	2	7	-	-	-	169	169	169	-	34	34
TOTAL OR AVERAGE-----	-	-	-	10	10	10	2	12	-	-	-	410	410	410	-	41	41
STRIKING OR BUMPING:																	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	4	4	4	1	5	-	-	-	36	36	36	-	9	9
OTHER INJURIES:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
DUST IN EYE-----	-	-	-	1	1	1	2	3	-	-	-	1	1	1	-	1	1
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	3	3	3	1	4	-	-	-	66	66	66	-	22	22
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
TOTAL OR AVERAGE-----	-	-	-	6	6	6	10	16	-	-	-	99	99	99	-	16	16
TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION-----	-	-	5	-	5	5	-	5	-	-	425	-	425	425	85	-	85
BURN/SCALD (NOT CHEM.)-----	-	-	-	5	5	5	6	11	-	-	-	125	125	125	-	25	25
CHEMICAL BURN-----	-	-	-	3	3	3	4	7	-	-	-	42	42	42	-	14	14
CONCUSSION (CEREBRAL)-----	-	-	-	5	5	5	-	5	-	-	-	369	369	369	-	74	74
CONTUSION OR BRUISE-----	1	-	-	38	38	39	19	58	6,000	-	-	1,744	1,744	7,744	-	46	199
CUT OR PUNCTURE-----	-	-	-	65	65	65	102	167	-	-	-	1,030	1,030	1,030	-	16	16
DISLOCATION-----	-	-	-	2	2	2	1	3	-	-	-	41	41	41	-	20	20
DUST IN EYE-----	-	-	-	5	5	5	8	13	-	-	-	12	12	12	-	2	2
ELECTRIC SHOCK-----	1	-	-	1	1	2	-	2	6,000	-	-	3	3	6,003	-	3	3,002
FRACTURE-----	-	-	-	79	79	79	12	91	-	-	-	5,269	5,269	5,269	-	67	67
HERNIA (NOT DISC)-----	-	-	-	6	6	6	-	6	-	-	-	186	186	186	-	31	31
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
RADIATION/ULTRAVIOLET-----	-	-	-	2	2	2	3	5	-	-	-	6	6	6	-	3	3
SCRATCH/ABRASION-----	-	-	-	-	-	-	7	7	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	137	137	137	37	174	-	-	-	6,107	6,107	6,107	-	45	45
MULTIPLE INJURIES-----	1	-	-	6	6	7	4	11	6,000	-	-	495	495	6,495	-	82	928
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	19	19	19	13	32	-	-	-	923	923	923	-	49	49
TOTAL OR AVERAGE-----	3	-	5	374	379	382	218	600	18,000	-	425	16,354	16,779	34,779	85	44	91

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011

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:								
ALABAMA-----	-	-	-	-	1	-	-	1
CALIFORNIA-----	-	1	-	-	-	4	-	5
CONNECTICUT-----	-	-	-	-	-	1	-	1
MINNESOTA-----	-	-	-	-	-	2	-	2
NEW YORK-----	-	-	-	-	-	2	-	2
OHIO-----	-	-	-	-	-	2	-	2
RHODE ISLAND-----	-	-	-	-	1	-	-	1
SOUTH DAKOTA-----	-	-	-	-	1	-	-	1
WISCONSIN-----	-	-	-	-	1	-	-	1
TOTAL-----	-	1	-	-	4	11	-	16
SURFACE MINES:								
DREDGE:								
SAND AND GRAVEL:								
KANSAS-----	1	-	-	-	-	-	-	1
TOTAL-----	1	-	-	-	-	-	-	1
TOTAL SURFACE:								
SAND AND GRAVEL:								
ALABAMA-----	-	-	-	-	1	-	-	1
CALIFORNIA-----	-	1	-	-	-	4	-	5
CONNECTICUT-----	-	-	-	-	-	1	-	1
KANSAS-----	1	-	-	-	-	-	-	1
MINNESOTA-----	-	-	-	-	-	2	-	2
NEW YORK-----	-	-	-	-	-	2	-	2
OHIO-----	-	-	-	-	-	2	-	2
RHODE ISLAND-----	-	-	-	-	1	-	-	1
SOUTH DAKOTA-----	-	-	-	-	1	-	-	1
WISCONSIN-----	-	-	-	-	1	-	-	1
TOTAL-----	1	1	-	-	4	11	-	17
TOTAL MINING:								
SAND AND GRAVEL:								
ALABAMA-----	-	-	-	-	1	-	-	1
CALIFORNIA-----	-	1	-	-	-	4	-	5
CONNECTICUT-----	-	-	-	-	-	1	-	1
KANSAS-----	1	-	-	-	-	-	-	1
MINNESOTA-----	-	-	-	-	-	2	-	2
NEW YORK-----	-	-	-	-	-	2	-	2
OHIO-----	-	-	-	-	-	2	-	2
RHODE ISLAND-----	-	-	-	-	1	-	-	1
SOUTH DAKOTA-----	-	-	-	-	1	-	-	1
WISCONSIN-----	-	-	-	-	1	-	-	1
TOTAL-----	1	1	-	-	4	11	-	17



TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011 (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:								
ALABAMA-----	-	-	-	-	1	-	-	1
CALIFORNIA-----	-	1	-	-	-	4	-	5
CONNECTICUT-----	-	-	-	-	-	1	-	1
KANSAS-----	1	-	-	-	-	-	-	1
MINNESOTA-----	-	-	-	-	-	2	-	2
NEW YORK-----	-	-	-	-	-	2	-	2
OHIO-----	-	-	-	-	-	2	-	2
RHODE ISLAND-----	-	-	-	-	1	-	-	1
SOUTH DAKOTA-----	-	-	-	-	1	-	-	1
WISCONSIN-----	-	-	-	-	1	-	-	1
TOTAL-----	1	1	-	-	4	11	-	17
GRAND TOTAL:								
SAND AND GRAVEL:								
ALABAMA-----	-	-	-	-	1	-	-	1
CALIFORNIA-----	-	1	-	-	-	4	-	5
CONNECTICUT-----	-	-	-	-	-	1	-	1
KANSAS-----	1	-	-	-	-	-	-	1
MINNESOTA-----	-	-	-	-	-	2	-	2
NEW YORK-----	-	-	-	-	-	2	-	2
OHIO-----	-	-	-	-	-	2	-	2
RHODE ISLAND-----	-	-	-	-	1	-	-	1
SOUTH DAKOTA-----	-	-	-	-	1	-	-	1
WISCONSIN-----	-	-	-	-	1	-	-	1
TOTAL-----	1	1	-	-	4	11	-	17
TOTAL OR AVERAGE-----	1	1	-	-	4	11	-	17

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, 2011 (OPERATOR 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
<b>UNDERGROUND MINES:</b>										
METAL-----	3	.04	187	2.55	104	1.42	294	4.01	7,199	14,675,614
NONMETAL-----	-	-	90	2.77	40	1.23	130	4.01	3,111	6,487,060
STONE-----	1	.04	49	2.07	25	1.06	75	3.17	2,249	4,724,529
TOTAL, UNDERGROUND MINES-	4	.03	326	2.52	169	1.31	499	3.86	12,559	25,887,203
<b>SURFACE MINES:</b>										
METAL-----	-	-	199	1.27	84	.54	283	1.80	14,572	31,380,394
NONMETAL-----	-	-	55	1.41	30	.77	85	2.18	4,061	7,799,687
STONE-----	3	.01	492	2.02	217	.89	712	2.93	27,423	48,677,841
SUBTOTAL, SURFACE MINES--	3	.01	746	1.70	331	.75	1,080	2.46	46,056	87,857,922
SAND AND GRAVEL-----	3	.01	371	1.57	216	.91	590	2.50	29,773	47,280,230
TOTAL, SURFACE MINES----	6	.01	1,117	1.65	547	.81	1,670	2.47	75,829	135,138,152
TOTAL, MINES-----	10	.01	1,443	1.79	716	.89	2,169	2.69	88,388	161,025,355
<b>MILLS:</b>										
METAL-----	1	.01	249	1.73	155	1.08	405	2.82	13,434	28,730,125
NONMETAL-----	-	-	173	1.56	93	.84	266	2.40	10,615	22,180,937
STONE-----	1	(*)	569	2.10	293	1.08	863	3.19	26,867	54,152,549
TOTAL, MILLS-----	2	(*)	991	1.89	541	1.03	1,534	2.92	50,916	105,063,611
<b>INDEPENDENT SHOPS AND YARDS:</b>										
METAL-----	-	-	3	1.05	2	.70	5	1.74	263	573,630
NONMETAL-----	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	5	2.89	3	1.73	8	4.62	201	346,236
TOTAL, SHOPS AND YARDS---	-	-	8	1.74	5	1.09	13	2.83	464	919,866
<b>ALL MINES, MILLS AND SHOPS:</b>										
METAL-----	4	.01	638	1.69	345	.92	987	2.62	35,468	75,359,763
NONMETAL-----	-	-	318	1.74	163	.89	481	2.64	17,787	36,467,684
STONE-----	5	.01	1,115	2.07	538	1.00	1,658	3.07	56,740	107,901,155
SUBTOTAL-----	9	.01	2,071	1.89	1,046	.95	3,126	2.85	109,995	219,728,602
SAND AND GRAVEL-----	3	.01	371	1.57	216	.91	590	2.50	29,773	47,280,230
TOTAL, MINES/MILLS/SHOPS-	12	.01	2,442	1.83	1,262	.95	3,716	2.78	139,768	267,008,832
<b>OFFICEWORKERS:</b>										
METAL-----	-	-	7	.15	4	.08	11	.23	4,885	9,513,902
NONMETAL-----	-	-	2	.06	5	.16	7	.22	3,347	6,369,938
STONE-----	-	-	11	.12	7	.08	18	.19	10,243	18,582,781
SAND AND GRAVEL-----	-	-	8	.22	2	.06	10	.28	6,358	7,215,185
TOTAL, OFFICEWORKERS----	-	-	28	.13	18	.09	46	.22	24,833	41,681,806
<b>SUMMARY TOTAL (INCLUDES OFFICEWORKERS):</b>										
METAL-----	4	.01	645	1.52	349	.82	998	2.35	40,353	84,873,665
NONMETAL-----	-	-	320	1.49	168	.78	488	2.28	21,134	42,837,622
STONE-----	5	.01	1,126	1.78	545	.86	1,676	2.65	66,983	126,483,936
SUBTOTAL-----	9	.01	2,091	1.65	1,062	.84	3,162	2.49	128,470	254,195,223
SAND AND GRAVEL-----	3	.01	379	1.39	218	.80	600	2.20	36,131	54,495,415
GRAND TOTAL-----	12	.01	2,470	1.60	1,280	.83	3,762	2.44	164,601	308,690,638

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, 2011 (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>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	9	.02	1,884	3.58	968	1.84	2,861	5.44	45,093	105,185,842	345,240,344
SURFACE-----	1	.03	87	2.74	61	1.92	149	4.69	3,060	6,351,274	-
TOTAL, UNDERGROUND MINES--	10	.02	1,971	3.53	1,029	1.85	3,010	5.40	48,153	111,537,116	345,240,344
<b>SURFACE MINES:</b>											
STRIP MINES-----	4	.01	393	1.09	196	.54	593	1.64	32,145	72,253,243	741,365,682
AUGER MINES-----	-	-	9	1.90	3	.63	12	2.53	622	949,145	4,637,229
OTHER SURFACE MINES-----	-	-	9	3.39	3	1.13	12	4.52	323	530,880	1,460,015
TOTAL, SURFACE MINES-----	4	.01	411	1.11	202	.55	617	1.67	33,090	73,733,268	747,462,926
TOTAL, PRODUCTION MINING--	14	.02	2,382	2.57	1,231	1.33	3,627	3.92	81,243	185,270,384	1,092,703,270
PREPARATION PLANTS-----	-	-	147	1.53	77	.80	224	2.33	8,207	19,240,930	-
INDEPENDENT SHOPS/YARDS-----	-	-	12	1.84	4	.61	16	2.45	529	1,305,417	-
TOTAL, OTHER OPERATIONS---	-	-	159	1.55	81	.79	240	2.34	8,736	20,546,347	-
TOTAL, BITUMINOUS MINING--	14	.01	2,541	2.47	1,312	1.27	3,867	3.76	89,979	205,816,731	1,092,703,270
<b>PENNSYLVANIA ANTHRACITE COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	-	-	12	21.82	-	-	12	21.82	72	110,012	166,383
SURFACE-----	-	-	1	7.98	-	-	1	7.98	16	25,064	-
TOTAL, UNDERGROUND MINES--	-	-	13	19.25	-	-	13	19.25	88	135,076	166,383
<b>SURFACE MINES:</b>											
STRIP MINES-----	-	-	20	4.01	4	.80	24	4.82	491	996,541	2,033,374
CULM BANK-----	-	-	-	-	-	-	-	-	152	296,681	34,968
DREDGE-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, SURFACE MINES-----	-	-	20	3.09	4	.62	24	3.71	643	1,293,222	2,068,342
TOTAL, PRODUCTION MINING--	-	-	33	4.62	4	.56	37	5.18	731	1,428,298	2,234,725
PREPARATION PLANTS-----	-	-	13	3.28	6	1.52	19	4.80	382	791,700	-
INDEPENDENT SHOPS/YARDS-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OTHER OPERATIONS---	-	-	13	3.28	6	1.52	19	4.80	382	791,700	-
TOTAL, ANTHRACITE MINING--	-	-	46	4.14	10	.90	56	5.05	1,113	2,219,998	2,234,725
<b>ALL COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	9	.02	1,896	3.60	968	1.84	2,873	5.46	45,165	105,295,854	345,406,727
SURFACE-----	1	.03	88	2.76	61	1.91	150	4.70	3,076	6,376,338	-
TOTAL, UNDERGROUND MINES--	10	.02	1,984	3.55	1,029	1.84	3,023	5.41	48,241	111,672,192	345,406,727
<b>SURFACE MINES:</b>											
STRIP MINES-----	4	.01	413	1.13	200	.55	617	1.68	32,636	73,249,784	743,399,056
AUGER MINES-----	-	-	9	1.90	3	.63	12	2.53	622	949,145	4,637,229
CULM BANK-----	-	-	2	.51	2	.51	4	1.02	454	787,369	1,030,661
DREDGE-----	-	-	7	34.83	1	4.98	8	39.81	21	40,192	464,322
TOTAL, SURFACE MINES-----	4	.01	431	1.15	206	.55	641	1.71	33,733	75,026,490	749,531,268
TOTAL, PRODUCTION MINING--	14	.02	2,415	2.59	1,235	1.32	3,664	3.93	81,974	186,698,682	1,094,937,995
PREPARATION PLANTS-----	-	-	160	1.60	83	.83	243	2.43	8,589	20,032,630	-
INDEPENDENT SHOPS/YARDS-----	-	-	12	1.84	4	.61	16	2.45	529	1,305,417	-
TOTAL, OTHER OPERATIONS---	-	-	172	1.61	87	.82	259	2.43	9,118	21,338,047	-
TOTAL, ALL COAL-----	14	.01	2,587	2.49	1,322	1.27	3,923	3.77	91,092	208,036,729	1,094,937,995
<b>OFFICEWORKERS:</b>											
<b>BITUMINOUS:</b>											
BITUMINOUS-----	-	-	3	.09	2	.06	5	.14	3,522	6,955,398	-
<b>ANTHRACITE:</b>											
ANTHRACITE-----	-	-	-	-	-	-	-	-	115	187,152	-
TOTAL, OFFICEWORKERS-----	-	-	3	.08	2	.06	5	.14	3,637	7,142,550	-
<b>GRAND TOTAL-----</b>	<b>14</b>	<b>.01</b>	<b>2,590</b>	<b>2.41</b>	<b>1,324</b>	<b>1.23</b>	<b>3,928</b>	<b>3.65</b>	<b>94,729</b>	<b>215,179,279</b>	<b>1,094,937,995</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					
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		
	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	
	18	18				18	18		
Type of Coal	19	19				19	19		19

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

\* 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, 2011

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
<b>NUMBER OF INJURIES:</b>										
FATAL-----	-	1	2	1	-	-	1	2	1	-
NFDL-----	13	14	9	24	23	13	14	9	24	23
TOTAL LWD INJURIES-----	13	15	11	25	23	13	15	11	25	23
NDL-----	8	12	2	3	9	8	12	2	3	9
TOTAL INJURIES-----	21	27	13	28	32	21	27	13	28	32
<b>AVERAGE SEVERITY:</b>										
PERMANENT PARTIAL-----	75	-	75	380	-	75	-	75	380	-
TEMPORARY NFDL-----	38	50	46	41	75	38	50	46	41	75
ALL LWD INJURIES-----	41	447	1,131	306	75	41	447	1,131	306	75

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, 2011

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 FATAL AND NFDL	PERMANENT						TEMPORARY	TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
OPEN PIT:																	
ALASKA-----	-	-	-	1	1	1	-	1	-	-	-	91	91	91	-	91	91
CALI FORNIA-----	-	-	-	2	2	2	-	2	-	-	-	12	12	12	-	6	6
COLORADO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
MARYLAND-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
MICHIGAN-----	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
NEBRASKA-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
NEVADA-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
NEW HAMPSHIRE-----	-	-	-	1	1	1	-	1	-	-	-	174	174	174	-	174	174
NORTH CAROLINA-----	-	-	-	3	3	3	2	5	-	-	-	297	297	297	-	99	99
OHIO-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
OKLAHOMA-----	-	-	-	1	1	1	-	1	-	-	-	85	85	85	-	85	85
SOUTH DAKOTA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	4	4	4	2	6	-	-	-	587	587	587	-	147	147
WASHINGTON-----	-	-	-	2	2	2	1	3	-	-	-	245	245	245	-	122	122
WISCONSIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	20	20	20	9	29	-	-	-	1,562	1,562	1,562	-	78	78
DREDGE:																	
KANSAS-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MISSOURI-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
OHIO-----	-	-	-	1	1	1	-	1	-	-	-	144	144	144	-	144	144
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	152	152	152	-	51	51
TOTAL OR AVERAGE, SURFACE:																	
ALASKA-----	-	-	-	1	1	1	-	1	-	-	-	91	91	91	-	91	91
CALI FORNIA-----	-	-	-	2	2	2	-	2	-	-	-	12	12	12	-	6	6
COLORADO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
KANSAS-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MARYLAND-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
MICHIGAN-----	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
MISSOURI-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
NEBRASKA-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
NEVADA-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
NEW HAMPSHIRE-----	-	-	-	1	1	1	-	1	-	-	-	174	174	174	-	174	174
NORTH CAROLINA-----	-	-	-	3	3	3	2	5	-	-	-	297	297	297	-	99	99
OHIO-----	-	-	-	2	2	2	-	2	-	-	-	145	145	145	-	72	72
OKLAHOMA-----	-	-	-	1	1	1	-	1	-	-	-	85	85	85	-	85	85
SOUTH DAKOTA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	4	4	4	2	6	-	-	-	587	587	587	-	147	147
WASHINGTON-----	-	-	-	2	2	2	1	3	-	-	-	245	245	245	-	122	122
WISCONSIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	23	23	23	9	32	-	-	-	1,714	1,714	1,714	-	75	75



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, 2011 (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:																	
ALASKA-----	-	-	-	2	1	1	-	1	-	-	-	91	91	91	-	91	91
CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	12	12	12	-	6	6
COLORADO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
KANSAS-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MARYLAND-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
MICHIGAN-----	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
MISSOURI-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
NEBRASKA-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
NEVADA-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
NEW HAMPSHIRE-----	-	-	-	1	1	1	-	1	-	-	-	174	174	174	-	174	174
NORTH CAROLINA-----	-	-	-	3	3	3	2	5	-	-	-	297	297	297	-	99	99
OHIO-----	-	-	-	2	2	2	-	2	-	-	-	145	145	145	-	72	72
OKLAHOMA-----	-	-	-	1	1	1	-	1	-	-	-	85	85	85	-	85	85
SOUTH DAKOTA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	4	4	4	2	6	-	-	-	587	587	587	-	147	147
WASHINGTON-----	-	-	-	2	2	2	1	3	-	-	-	245	245	245	-	122	122
WISCONSIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	23	23	23	9	32	-	-	-	1,714	1,714	1,714	-	75	75
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ALASKA-----	-	-	-	1	1	1	-	1	-	-	-	91	91	91	-	91	91
CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	12	12	12	-	6	6
COLORADO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
KANSAS-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MARYLAND-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
MICHIGAN-----	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
MISSOURI-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
NEBRASKA-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
NEVADA-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
NEW HAMPSHIRE-----	-	-	-	1	1	1	-	1	-	-	-	174	174	174	-	174	174
NORTH CAROLINA-----	-	-	-	3	3	3	2	5	-	-	-	297	297	297	-	99	99
OHIO-----	-	-	-	2	2	2	-	2	-	-	-	145	145	145	-	72	72
OKLAHOMA-----	-	-	-	1	1	1	-	1	-	-	-	85	85	85	-	85	85
SOUTH DAKOTA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	4	4	4	2	6	-	-	-	587	587	587	-	147	147
WASHINGTON-----	-	-	-	2	2	2	1	3	-	-	-	245	245	245	-	122	122
WISCONSIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	23	23	23	9	32	-	-	-	1,714	1,714	1,714	-	75	75

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, 2011 (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:	-	-	-	23	23	23	9	32	-	-	-	1,714	1,714	1,714	-	75	75
ALASKA-----	-	-	-	1	1	1	-	1	-	-	-	91	91	91	-	91	91
CALIFORNIA-----	-	-	-	2	2	2	-	2	-	-	-	12	12	12	-	6	6
COLORADO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	3	3
GEORGIA-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
KANSAS-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MARYLAND-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
MICHIGAN-----	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
MISSOURI-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
NEBRASKA-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
NEVADA-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
NEW HAMPSHIRE-----	-	-	-	1	1	1	-	1	-	-	-	174	174	174	-	174	174
NORTH CAROLINA-----	-	-	-	3	3	3	2	5	-	-	-	297	297	297	-	99	99
OHIO-----	-	-	-	2	2	2	-	2	-	-	-	145	145	145	-	72	72
OKLAHOMA-----	-	-	-	1	1	1	-	1	-	-	-	85	85	85	-	85	85
SOUTH DAKOTA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	4	4	4	2	6	-	-	-	587	587	587	-	147	147
WASHINGTON-----	-	-	-	2	2	2	1	3	-	-	-	245	245	245	-	122	122
WISCONSIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-

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, 2011

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	-	-	-	-	-	-	-	-	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
FACE, NEC-----	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	
HEAD, NEC-----	-	-	-	2	2	2	1	3	-	-	-	-	-	-	-	-	
NECK-----	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	
HAND-----	-	-	-	4	4	4	-	4	-	-	-	-	-	-	-	-	
FINGER(S)-----	-	-	-	2	2	2	3	5	-	-	-	-	-	-	-	-	
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	1	2	-	-	-	-	-	-	-	-	
BACK-----	-	-	-	1	1	1	1	2	-	-	-	-	-	-	-	-	
CHEST-----	-	-	-	2	2	2	-	2	-	-	-	-	-	-	-	-	
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	-	2	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	20	20	20	9	29	-	-	-	1,562	1,562	1,562	-	78	78
<b>DREDGE:</b>																	
BACK-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
ANKLE-----	-	-	-	1	1	1	-	1	-	-	-	144	144	144	-	144	144
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	152	152	152	-	51	51
<b>TOTAL OR AVERAGE, MINING:</b>																	
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	1	1	1	-	-	-	-	-	1	1	1	-	1	1
HEAD, NEC-----	-	-	-	2	2	2	1	3	-	-	-	92	92	92	-	46	46
NECK-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
HAND-----	-	-	-	4	4	4	-	4	-	-	-	209	209	209	-	52	52
FINGER(S)-----	-	-	-	2	2	2	3	5	-	-	-	108	108	108	-	54	54
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	1	2	-	-	-	152	152	152	-	152	152
BACK-----	-	-	-	2	2	2	1	3	-	-	-	7	7	7	-	4	4
CHEST-----	-	-	-	2	2	2	-	2	-	-	-	317	317	317	-	158	158
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	114	114	114	-	114	114
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	135	135	135	-	135	135
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ANKLE-----	-	-	-	1	1	1	-	1	-	-	-	144	144	144	-	144	144
LOWER EXTREMITIES, NEC-----	-	-	-	2	2	2	-	2	-	-	-	180	180	180	-	90	90
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	-	2	-	-	-	206	206	206	-	103	103
TOTAL OR AVERAGE-----	-	-	-	23	23	23	9	32	-	-	-	1,714	1,714	1,714	-	75	75

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, 2011 (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:-----	-	-	-	23	23	23	9	32	-	-	-	1,714	1,714	1,714	-	75	75
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
HEAD, NEC-----	-	-	-	2	2	2	1	3	-	-	-	92	92	92	-	46	46
NECK-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
HAND-----	-	-	-	4	4	4	-	4	-	-	-	209	209	209	-	52	52
FINGER(S)-----	-	-	-	2	2	2	3	5	-	-	-	108	108	108	-	54	54
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	1	2	-	-	-	152	152	152	-	152	152
BACK-----	-	-	-	2	2	2	1	3	-	-	-	7	7	7	-	4	4
CHEST-----	-	-	-	2	2	2	-	2	-	-	-	317	317	317	-	158	158
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	114	114	114	-	114	114
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	135	135	135	-	135	135
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ANKLE-----	-	-	-	1	1	1	-	1	-	-	-	144	144	144	-	144	144
LOWER EXTREMITIES, NEC-----	-	-	-	2	2	2	-	2	-	-	-	180	180	180	-	90	90
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	-	2	-	-	-	206	206	206	-	103	103

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, 2011

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:																	
CONTUSION OR BRUISE-----	-	-	-	3	3	3	1	4	-	-	-	116	116	116	-	39	39
CUT OR PUNCTURE-----	-	-	-	2	2	2	4	6	-	-	-	30	30	30	-	15	15
FRACTURE-----	-	-	-	7	7	7	1	8	-	-	-	681	681	681	-	97	97
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
SCRATCH/ABRASION-----	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
STRAIN/SPRAIN-----	-	-	-	3	3	3	2	5	-	-	-	362	362	362	-	121	121
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	312	312	312	-	312	312
UNCLASSIFIED (NO DATA)---	-	-	-	2	2	2	-	2	-	-	-	23	23	23	-	12	12
TOTAL OR AVERAGE-----	-	-	-	20	20	20	9	29	-	-	-	1,562	1,562	1,562	-	78	78
<b>DREDGE:</b>																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	150	150	150	-	75	75
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	152	152	152	-	51	51
<b>TOTAL OR AVERAGE, MINING:</b>																	
CONTUSION OR BRUISE-----	-	-	-	4	4	4	1	5	-	-	-	118	118	118	-	30	30
CUT OR PUNCTURE-----	-	-	-	2	2	2	4	6	-	-	-	30	30	30	-	15	15
FRACTURE-----	-	-	-	7	7	7	1	8	-	-	-	681	681	681	-	97	97
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
SCRATCH/ABRASION-----	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
STRAIN/SPRAIN-----	-	-	-	5	5	5	2	7	-	-	-	512	512	512	-	102	102
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	312	312	312	-	312	312
UNCLASSIFIED (NO DATA)---	-	-	-	2	2	2	-	2	-	-	-	23	23	23	-	12	12
TOTAL OR AVERAGE-----	-	-	-	23	23	23	9	32	-	-	-	1,714	1,714	1,714	-	75	75
<b>GRAND TOTAL OR AVERAGE:</b>																	
CONTUSION OR BRUISE-----	-	-	-	4	4	4	1	5	-	-	-	118	118	118	-	30	30
CUT OR PUNCTURE-----	-	-	-	2	2	2	4	6	-	-	-	30	30	30	-	15	15
FRACTURE-----	-	-	-	7	7	7	1	8	-	-	-	681	681	681	-	97	97
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
SCRATCH/ABRASION-----	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
STRAIN/SPRAIN-----	-	-	-	5	5	5	2	7	-	-	-	512	512	512	-	102	102
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	312	312	312	-	312	312
UNCLASSIFIED (NO DATA)---	-	-	-	2	2	2	-	2	-	-	-	23	23	23	-	12	12
TOTAL OR AVERAGE-----	-	-	-	23	23	23	9	32	-	-	-	1,714	1,714	1,714	-	75	75

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, 2011

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						
EYE:																	
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
MOUTH/TEETH/TONGUE:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
FACE, NEC:																	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	
HEAD, NEC:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	85	85	85	-	85	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
SCRATCH/ABRASION-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	92	92	92	-	46	
NECK:																	
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	
HAND:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	
CUT OR PUNCTURE-----	-	-	-	2	2	2	-	2	-	-	-	30	30	30	-	15	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	153	153	153	-	153	
TOTAL OR AVERAGE-----	-	-	-	4	4	4	-	4	-	-	-	209	209	209	-	52	
FINGER(S):																	
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
FRACTURE-----	-	-	-	2	2	2	1	3	-	-	-	108	108	108	-	54	
TOTAL OR AVERAGE-----	-	-	-	2	2	2	3	5	-	-	-	108	108	108	-	54	
UPPER EXTREMITIES, NEC:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	152	152	152	-	152	

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, 2011 (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						
BACK:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
STRAIN/SPRAIN-----	-	-	-	1	1	1	1	1	-	-	-	5	5	5	-	5	5
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	7	7	7	-	4	4
CHEST:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	312	312	312	-	312	312
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	317	317	317	-	158	158
PELVIC REGION:																	
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
SHOULDER(S):																	
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	114	114	114	-	114	114
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	114	114	114	-	114	114
KNEE:																	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	135	135	135	-	135	135
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	135	135	135	-	135	135
LOWER LEG:																	
STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ANKLE:																	
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	144	144	144	-	144	144
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	144	144	144	-	144	144
LOWER EXTREMITIES, NEC:																	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	174	174	174	-	174	174
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	180	180	180	-	90	90

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, 2011 (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:																	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	110	110	110	-	110	110
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	96	96	96	-	96	96
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	206	206	206	-	103	103
TOTAL OR AVERAGE:																	
CONTUSION OR BRUISE-----	-	-	-	4	4	4	1	5	-	-	-	118	118	118	-	30	30
CUT OR PUNCTURE-----	-	-	-	2	2	2	4	6	-	-	-	30	30	30	-	15	15
FRACTURE-----	-	-	-	7	7	7	1	8	-	-	-	681	681	681	-	97	97
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
SCRATCH/ABRASION-----	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
STRAIN/SPRAIN-----	-	-	-	5	5	5	2	7	-	-	-	512	512	512	-	102	102
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	312	312	312	-	312	312
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	-	2	-	-	-	23	23	23	-	12	12
TOTAL OR AVERAGE-----	-	-	-	23	23	23	9	32	-	-	-	1,714	1,714	1,714	-	75	75



TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011

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					
OPEN PIT:																																						
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DREDGE:																																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL MINING:																																						
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE					
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
GRAND TOTAL:																																				
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL						
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL				
GRAND TOTAL:																																					
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	23	9

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, 2011

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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	135	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	135	-	-	-	-	-	-	-	170	-	98	-	-
DREDGE:																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL MINING:																						
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	135	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	135	-	-	-	-	-	-	-	170	-	98	-	-
GRAND TOTAL:																						
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	135	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	135	-	-	-	-	-	-	-	170	-	98	-	-

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, 2011 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-	17
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	174	-	-	-	-	-	-	-	174
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	152	-	114	-	-	-	-	-	-	-	297
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	153	-	434	-	-	-	-	-	-	-	587
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	-	-	-	-	-	-	245
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	305	-	849	-	-	-	-	-	5	-	1,562
DREDGE:																						
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	6
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	144	-	-	-	-	-	-	-	144
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	6	-	146	-	-	-	-	-	-	-	152
TOTAL MINING:																						
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	17
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	6
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	174	-	-	-	-	-	-	-	174
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	152	-	114	-	-	-	-	-	-	-	297
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	144	-	-	-	-	-	-	-	145
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	153	-	434	-	-	-	-	-	-	-	587
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	-	-	-	-	-	-	245
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	311	-	995	-	-	-	-	-	5	-	1,714
GRAND TOTAL:																						
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	17
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	6
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	174	-	-	-	-	-	-	-	174
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	152	-	114	-	-	-	-	-	-	-	297
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	144	-	-	-	-	-	-	-	145
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	153	-	434	-	-	-	-	-	-	-	587
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	-	-	-	-	-	-	245
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	311	-	995	-	-	-	-	-	5	-	1,714

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, 2011

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:																
DRAG/CRANE/SHOVEL OPR. ---	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
DRI LL OPERATOR-----	-	-	-	1	1	1	-	-	-	174	174	174	-	-	174	174
ELECTRI CI AN-----	-	-	-	1	1	1	1	2	-	31	31	31	-	-	31	31
LABORER-----	-	-	-	2	2	2	1	3	-	195	195	195	-	-	98	98
MECHANI C/MAI NTENANCE----	-	-	-	8	8	8	2	10	-	353	353	353	-	-	44	44
MI NER-----	-	-	-	2	2	2	-	2	-	35	35	35	-	-	18	18
POWDERMAN/BLASTER-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
PREP. PLANT OPR.-----	-	-	-	1	1	1	1	2	-	135	135	135	-	-	135	135
TRUCK DRI VER-----	-	-	-	1	1	1	-	1	-	96	96	96	-	-	96	96
WELDER/MACHI NI ST-----	-	-	-	1	1	1	1	2	-	91	91	91	-	-	91	91
N. E. C. OR UNKNOWN-----	-	-	-	3	3	3	1	4	-	452	452	452	-	-	151	151
TOTAL OR AVERAGE-----	-	-	-	20	20	20	9	29	-	1,562	1,562	1,562	-	-	78	78
<b>DREDGE:</b>																
BULLDOZER/MOBI LE EQUI P. -	-	-	-	1	1	1	-	1	-	6	6	6	-	-	6	6
MI NER-----	-	-	-	2	2	2	-	2	-	146	146	146	-	-	73	73
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	152	152	152	-	-	51	51
<b>TOTAL OR AVERAGE, MINING:</b>																
BULLDOZER/MOBI LE EQUI P. ---	-	-	-	1	1	1	-	1	-	6	6	6	-	-	6	6
DRAG/CRANE/SHOVEL OPR. ---	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
DRI LL OPERATOR-----	-	-	-	1	1	1	-	1	-	174	174	174	-	-	174	174
ELECTRI CI AN-----	-	-	-	1	1	1	1	2	-	31	31	31	-	-	31	31
LABORER-----	-	-	-	2	2	2	1	3	-	195	195	195	-	-	98	98
MECHANI C/MAI NTENANCE----	-	-	-	8	8	8	2	10	-	353	353	353	-	-	44	44
MI NER-----	-	-	-	4	4	4	-	4	-	181	181	181	-	-	45	45
POWDERMAN/BLASTER-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
PREP. PLANT OPR.-----	-	-	-	1	1	1	1	2	-	135	135	135	-	-	135	135
TRUCK DRI VER-----	-	-	-	1	1	1	-	1	-	96	96	96	-	-	96	96
WELDER/MACHI NI ST-----	-	-	-	1	1	1	1	2	-	91	91	91	-	-	91	91
N. E. C. OR UNKNOWN-----	-	-	-	3	3	3	1	4	-	452	452	452	-	-	151	151
TOTAL OR AVERAGE-----	-	-	-	23	23	23	9	32	-	1,714	1,714	1,714	-	-	75	75
<b>GRAND TOTAL OR AVERAGE:</b>																
BULLDOZER/MOBI LE EQUI P. ---	-	-	-	1	1	1	-	1	-	6	6	6	-	-	6	6
DRAG/CRANE/SHOVEL OPR. ---	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
DRI LL OPERATOR-----	-	-	-	1	1	1	-	1	-	174	174	174	-	-	174	174
ELECTRI CI AN-----	-	-	-	1	1	1	1	2	-	31	31	31	-	-	31	31
LABORER-----	-	-	-	2	2	2	1	3	-	195	195	195	-	-	98	98
MECHANI C/MAI NTENANCE----	-	-	-	8	8	8	2	10	-	353	353	353	-	-	44	44
MI NER-----	-	-	-	4	4	4	-	4	-	181	181	181	-	-	45	45
POWDERMAN/BLASTER-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
PREP. PLANT OPR.-----	-	-	-	1	1	1	1	2	-	135	135	135	-	-	135	135
TRUCK DRI VER-----	-	-	-	1	1	1	-	1	-	96	96	96	-	-	96	96
WELDER/MACHI NI ST-----	-	-	-	1	1	1	1	2	-	91	91	91	-	-	91	91
N. E. C. OR UNKNOWN-----	-	-	-	3	3	3	1	4	-	452	452	452	-	-	151	151
TOTAL OR AVERAGE-----	-	-	-	23	23	23	9	32	-	1,714	1,714	1,714	-	-	75	75

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, 2011

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>																	
<b>OPEN PIT:</b>																	
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	1	1	1	-	1	-	-	-	135	135	135	-	135	135
HANDLING MATERIAL-----	-	-	-	5	5	5	2	7	-	-	-	170	170	170	-	34	34
HAND TOOL-----	-	-	-	4	4	4	2	6	-	-	-	98	98	98	-	24	24
MACHINERY-----	-	-	-	2	2	2	3	5	-	-	-	305	305	305	-	152	152
SLIP OR FALL OF PERSON-----	-	-	-	7	7	7	2	9	-	-	-	849	849	849	-	121	121
OTHER INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	20	20	20	9	29	-	-	-	1,562	1,562	1,562	-	78	78
<b>DREDGE:</b>																	
MACHINERY-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
SLIP OR FALL OF PERSON-----	-	-	-	2	2	2	-	2	-	-	-	146	146	146	-	73	73
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	152	152	152	-	51	51
<b>TOTAL OR AVERAGE, MINING:</b>																	
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	1	1	1	-	1	-	-	-	135	135	135	-	135	135
HANDLING MATERIAL-----	-	-	-	5	5	5	2	7	-	-	-	170	170	170	-	34	34
HAND TOOL-----	-	-	-	4	4	4	2	6	-	-	-	98	98	98	-	24	24
MACHINERY-----	-	-	-	3	3	3	3	6	-	-	-	311	311	311	-	104	104
SLIP OR FALL OF PERSON-----	-	-	-	9	9	9	2	11	-	-	-	995	995	995	-	111	111
OTHER INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	23	23	23	9	32	-	-	-	1,714	1,714	1,714	-	75	75
<b>GRAND TOTAL OR AVERAGE:</b>																	
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	1	1	1	-	1	-	-	-	135	135	135	-	135	135
HANDLING MATERIAL-----	-	-	-	5	5	5	2	7	-	-	-	170	170	170	-	34	34
HAND TOOL-----	-	-	-	4	4	4	2	6	-	-	-	98	98	98	-	24	24
MACHINERY-----	-	-	-	3	3	3	3	6	-	-	-	311	311	311	-	104	104
SLIP OR FALL OF PERSON-----	-	-	-	9	9	9	2	11	-	-	-	995	995	995	-	111	111
OTHER INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	23	23	23	9	32	-	-	-	1,714	1,714	1,714	-	75	75



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, 2011

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS					AVERAGE SEVERITY				
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
FALLING, ROLLING, OR SLIDING MATERIAL:																	
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	135	135	135	-	135	135
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	135	135	135	-	135	135
HANDLING MATERIAL:																	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NECK-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
HAND-----	-	-	-	2	2	2	-	2	-	-	-	30	30	30	-	15	15
FINGER(S)-----	-	-	-	1	1	1	1	1	-	-	-	91	91	91	-	91	91
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
TOTAL OR AVERAGE-----	-	-	-	5	5	5	2	7	-	-	-	170	170	170	-	34	34
HAND TOOL:																	
FACE, NEC-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
HEAD, NEC-----	-	-	-	2	2	2	-	2	-	-	-	92	92	92	-	46	46
FINGER(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CHEST-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	4	4	4	2	6	-	-	-	98	98	98	-	24	24
MACHINERY:																	
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HAND-----	-	-	-	1	1	1	-	1	-	-	-	153	153	153	-	153	153
FINGER(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	152	152	152	-	152	152
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE-----	-	-	-	3	3	3	3	6	-	-	-	311	311	311	-	104	104
SLIP OR FALL OF PERSON:																	
HAND-----	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	26
FINGER(S)-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
BACK-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
CHEST-----	-	-	-	1	1	1	-	1	-	-	-	312	312	312	-	312	312
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	114	114	114	-	114	114
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ANKLE-----	-	-	-	1	1	1	-	1	-	-	-	144	144	144	-	144	144
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	174	174	174	-	174	174
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	-	2	-	-	-	206	206	206	-	103	103
TOTAL OR AVERAGE-----	-	-	-	9	9	9	2	11	-	-	-	995	995	995	-	111	111

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, 2011 (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:																	
BACK-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE:																	
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
HEAD, NEC-----	-	-	-	2	2	2	1	3	-	-	-	92	92	92	-	46	46
NECK-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
HAND-----	-	-	-	4	4	4	-	4	-	-	-	209	209	209	-	52	52
FINGER(S)-----	-	-	-	2	2	2	3	5	-	-	-	108	108	108	-	54	54
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	1	2	-	-	-	152	152	152	-	152	152
BACK-----	-	-	-	2	2	2	1	3	-	-	-	7	7	7	-	4	4
CHEST-----	-	-	-	2	2	2	-	2	-	-	-	317	317	317	-	158	158
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	114	114	114	-	114	114
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	135	135	135	-	135	135
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ANKLE-----	-	-	-	1	1	1	-	1	-	-	-	144	144	144	-	144	144
LOWER EXTREMITIES, NEC-----	-	-	-	2	2	2	-	2	-	-	-	180	180	180	-	90	90
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	-	2	-	-	-	206	206	206	-	103	103
TOTAL OR AVERAGE-----	-	-	-	23	23	23	9	32	-	-	-	1,714	1,714	1,714	-	75	75

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, 2011

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						
FALLING, ROLLING, OR SLIDING MATERIAL: FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	135	135	135	-	135	135
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	135	135	135	-	135	135
HANDLING MATERIAL: CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	2	2	2	1	3	-	-	-	30	30	30	-	15	15
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	91	91	91	-	91	91
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
TOTAL OR AVERAGE-----	-	-	-	5	5	5	2	7	-	-	-	170	170	170	-	34	34
HAND TOOL: CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	90	90	90	-	45	45
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
SCRATCH/ABRASION-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
TOTAL OR AVERAGE-----	-	-	-	4	4	4	2	6	-	-	-	98	98	98	-	24	24
MACHINERY: CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	153	153	153	-	153	153
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	158	158	158	-	79	79
TOTAL OR AVERAGE-----	-	-	-	3	3	3	3	6	-	-	-	311	311	311	-	104	104
SLIP OR FALL OF PERSON: CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	28	28	28	-	14	14
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	301	301	301	-	100	100
STRAIN/SPRAIN-----	-	-	-	3	3	3	2	5	-	-	-	354	354	354	-	118	118
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	312	312	312	-	312	312
TOTAL OR AVERAGE-----	-	-	-	9	9	9	2	11	-	-	-	995	995	995	-	111	111
OTHER INJURIES: UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5

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, 2011 (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:	-	-	-	23	23	23	9	32	-	-	-	1,714	1,714	1,714	-	75	75
CONTUSION OR BRUISE-----	-	-	-	4	4	4	1	5	-	-	-	118	118	118	-	30	30
CUT OR PUNCTURE-----	-	-	-	2	2	2	4	6	-	-	-	30	30	30	-	15	15
FRACTURE-----	-	-	-	7	7	7	1	8	-	-	-	681	681	681	-	97	97
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
SCRATCH/ABRASION-----	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
STRAIN/SPRAIN-----	-	-	-	5	5	5	2	7	-	-	-	512	512	512	-	102	102
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	312	312	312	-	312	312
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	-	2	-	-	-	23	23	23	-	12	12

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2011

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
		NO **	OCCUPATIONAL *****	ILLNESSES *****	REPORTED *****	FOR ***	2011 ****	

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, 2011 (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-----	1		48		41		90			
NONMETAL-----	-		5		6		11			
STONE-----	-		4		2		6			
TOTAL, UNDERGROUND MINES-	1	.03	57	1.55	49	1.33	107	2.91	7,602	7,360,412
SURFACE MINES:										
METAL-----	1		92		54		147			
NONMETAL-----	2		18		8		28			
STONE-----	-		51		29		80			
SUBTOTAL, SURFACE MINES--	3		161		91		255			
SAND AND GRAVEL-----	-		23		9		32			
TOTAL, SURFACE MINES----	3	.01	184	.87	100	.47	287	1.35	43,237	42,390,433
TOTAL, MINES-----	4	.02	241	.97	149	.60	394	1.58	50,839	49,750,845
MILLS:										
METAL-----	-		36		39		75			
NONMETAL-----	-		19		19		38			
STONE-----	-		49		24		73			
TOTAL, MILLS-----	-		104	1.08	82	.85	186	1.93	18,655	19,317,335
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-		-		-		-			
NONMETAL-----	-		-		-		-			
STONE-----	-		-		-		-			
TOTAL, SHOPS AND YARDS---	-		-		-		-		45	9,974
ALL MINES, MILLS AND SHOPS:										
METAL-----	2		176		134		312			
NONMETAL-----	2		42		33		77			
STONE-----	-		104		55		159			
SUBTOTAL-----	4		322		222		548			
SAND AND GRAVEL-----	-		23		9		32			
TOTAL, MINES/MILLS/SHOPS-	4	.01	345	1.00	231	.67	580	1.68	69,539	69,078,154
OFFICEWORKERS:										
METAL-----	-		4		3		7			
NONMETAL-----	-		-		1		1			
STONE-----	-		-		1		1			
SAND AND GRAVEL-----	-		-		-		-			
TOTAL, OFFICEWORKERS----	-		4	.17	5	.21	9	.39	3,624	4,659,588
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	2		180		137		319			
NONMETAL-----	2		42		34		78			
STONE-----	-		104		56		160			
SUBTOTAL-----	4		326		227		557			
SAND AND GRAVEL-----	-		23		9		32			
GRAND TOTAL-----	4	.01	349	.95	236	.64	589	1.60	73,163	73,737,742

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, 2011 (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>											
UNDERGROUND MINES:											
UNDERGROUND-----	-		172		68		240				
SURFACE-----	1		43		35		79				
TOTAL, UNDERGROUND MINES--	1		215		103		319				
SURFACE MINES:											
STRIP MINES-----	5		119		71		195				
AUGER MINES-----	-		-		-		-				
OTHER SURFACE MINES-----	-		-		-		-				
TOTAL, SURFACE MINES-----	5		119		71		195				
TOTAL, PRODUCTION MINING--	6		334		174		514				
PREPARATION PLANTS-----	1		65		36		102				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	1		65		36		102				
TOTAL, BITUMINOUS MINING--	7		399		210		616				
<b>PENNSYLVANIA ANTHRACITE COAL:</b>											
UNDERGROUND MINES:											
UNDERGROUND-----	-		-		-		-				
SURFACE-----	-		-		-		-				
TOTAL, UNDERGROUND MINES--	-		-		-		-				
SURFACE MINES:											
STRIP MINES-----	-		1		1		2				
CULM BANK-----	-		-		-		-				
DREDGE-----	-		-		-		-				
TOTAL, SURFACE MINES-----	-		1		1		2				
TOTAL, PRODUCTION MINING--	-		1		1		2				
PREPARATION PLANTS-----	-		3		-		3				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	-		3		-		3				
TOTAL, ANTHRACITE MINING--	-		4		1		5				
<b>ALL COAL:</b>											
UNDERGROUND MINES:											
UNDERGROUND-----	-		172	3.93	68	1.55	240	5.48	6,440	8,751,808	-
SURFACE-----	1	.02	43	1.05	35	.86	79	1.93	9,084	8,166,770	-
TOTAL, UNDERGROUND MINES--	1	.01	215	2.54	103	1.22	319	3.77	15,524	16,918,578	-
SURFACE MINES:											
STRIP MINES-----	5	.04	120	1.07	72	.64	197	1.76	20,770	22,402,529	601,226
AUGER MINES-----	-		-		-		-		230	133,478	-
CULM BANK-----	-		-		-		-		651	557,813	-
DREDGE-----	-		-		-		-		55	31,025	-
TOTAL, SURFACE MINES-----	5	.04	120	1.04	72	.62	197	1.70	21,706	23,124,845	601,226
TOTAL, PRODUCTION MINING--	6	.03	335	1.67	175	.87	516	2.58	37,230	40,043,423	601,226
PREPARATION PLANTS-----	1	.02	68	1.33	36	.70	105	2.05	8,547	10,229,615	-
INDEPENDENT SHOPS/YARDS-----	-		-		-		-		370	419,571	-
TOTAL, OTHER OPERATIONS---	1	.02	68	1.28	36	.68	105	1.97	8,917	10,649,186	-
TOTAL, ALL COAL-----	7	.03	403	1.59	211	.83	621	2.45	46,147	50,692,609	601,226
<b>OFFICEWORKERS:</b>											
BITUMINOUS-----	-		3		3		6				
ANTHRACITE-----	-		-		-		-				
TOTAL, OFFICEWORKERS-----	-		3	.17	3	.17	6	.34	2,587	3,568,353	-
<b>GRAND TOTAL-----</b>	<b>7</b>	<b>.03</b>	<b>406</b>	<b>1.50</b>	<b>214</b>	<b>.79</b>	<b>627</b>	<b>2.31</b>	<b>48,734</b>	<b>54,260,962</b>	<b>601,226</b>