



Injury Experience in Sand and Gravel Mining, 2009

U.S. Department of Labor
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for Mine Safety and Health

IR 1351
2011



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, 2009

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 2009. Data reported by operators of mining establishments concerning work injuries are summarized by work location, accident classification, part of body injured, nature of injury, and occupation. Related information on employment, worktime, and operating activity also is presented. Data reported by independent contractors performing certain work at mining locations are depicted separately in this report. For ease of comparison with other metal and nonmetallic mineral mining industries and with coal mining, summary reference tabulations are included at the end of both the operator and the contractor sections of this report.

INTRODUCTION

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

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

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

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

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

SCOPE OF STATISTICS

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

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

DEFINITION OF TERMS

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

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

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

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

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

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

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

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

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

TABLE REFERENCE GUIDE FOR OPERATOR SAND AND GRAVEL MINING

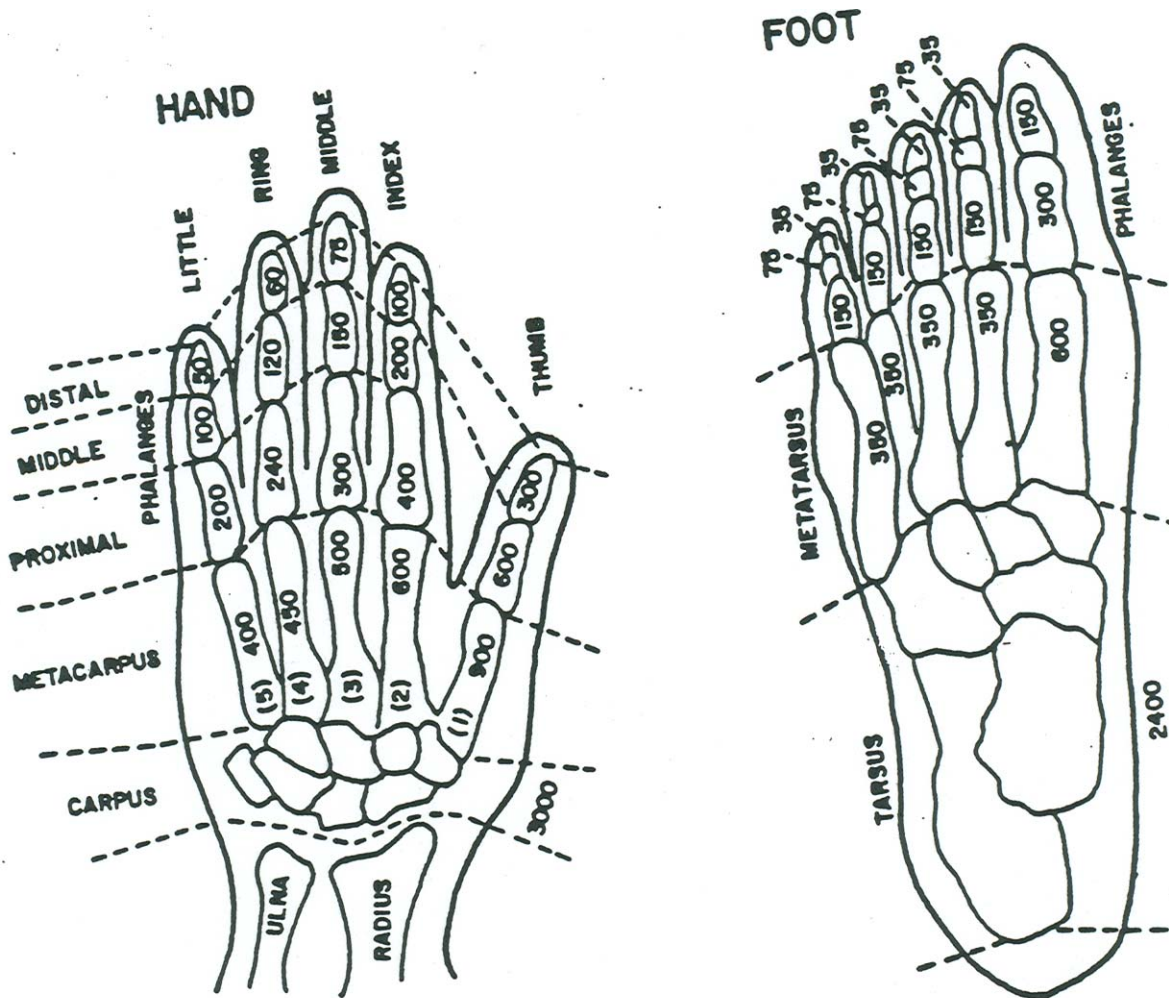
The following reference guide facilitates locating particular data elements contained in the annual statistical tables for operators. A comparable guide precedes the contractor section of this report. The number appearing in each cell indicates the table number in which that particular element may be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

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

REFERENCE GUIDE TO SAND AND GRAVEL OPERATOR STATISTICAL TABLES

STUB READINGS	COLUMN READINGS												
	Number of injuries	Incidence rates	Severity measures	Lost workdays	Average severity	Average number of workers	Employee-hours worked	Number of operations	Associated work locations	Average hours per employee per year	Accident classification	Number of occupational illnesses	Coal production (short tons) ¹
Prior year data with and without office	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								
												17	
		18	18				18	18					
	19	19				19	19					19	
Employment size group	2	2	2			2	2	2	2				
	3			3	3								
State	4	4	4			4	4	4	4				
	5			5	5								
	11										11		
					12						12		
											17		
Part of body injured	6	6	6										
	7			7	7								
	10			10	10								
	15			15	15								
Nature of injury	8	8	8										
	9			9	9								
	10			10	10								
	16			16	16								
Occupation at time of injury	13			13	13								
Accident Classification	14			14	14								
	15			15	15								
	16			16	16								
Mineral industry												17	
	18	18				18	18						
Type of Coal	19	19				19	19						19

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



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

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

Quarterly Mine Employment
and Coal Production Report
(SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 2)

Date Report Completed
Mo. Day Yr.

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 _____

Operating Company Name and Mailing Address _____

1. Persons Working, Employee-Hours, and Coal Production			
(1) Operation Sub Unit Code(s) previously reported:	(2) Average number of persons working during quarter	(3) Total employee hours worked during the quarter	(4) Production of clean coal during quarter, (short tons)
Underground Mine			
01			
02			
03			
04			
05			
06			
12			
17			
30			
99			

2. Other Reportable Data

How many MSHA reportable injuries or illnesses did you have this quarter?
Person to be contacted Name _____ Tel. No. (_____) _____
regarding this report: Title _____

FIGURE 2. Quarterly mine employment and coal production form

Mine Accident, Injury and Illness Report
U.S. Department of Labor
 Mine Safety and Health Administration



Approved for Use Through April 30, 2008, OMD Number 1219-0007

● **Section A—Identification Data**

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 30—Mill, Preparation Plant, etc. 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 8. Time Shift Started

Month	Day	Year	<input type="checkbox"/> am	<input type="checkbox"/> am	7
			<input type="checkbox"/> pm	<input type="checkbox"/> pm	8

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

10. Equipment Involved Type Manufacturer Model Number 10 Man

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

13. Name of Injured/III Employee 14. Sex 15. Date of Birth

Male Female

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

16. Last Four Digits of Social Security Number 17. Regular Job Title 18. Check if this Injury/Illness resulted in death. 19. Check if this 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) 21—Occupational Skin Diseases 22—Dust Diseases of the Lungs 23—Respiratory Conditions (toxic agents) 24—Poisoning (toxic materials) 25—Disorders (physical agents) 26—Disorders (repeated trauma) 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		

● **Section D—Return to Duty Information**

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

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

Person Completing Form (name) Title

Date This Report Prepared (month, day, year) Area Code and Phone Number

MSHA Form 7000-1, Feb 00 (Revised)

Page 1 MAIL THIS PAGE TO MSHA, Office of Injury and Employment Information, P. O. Box 25367, Denver, Colorado 80225

For Official Use Only

Degree _____

Accident Type _____

Accident Class _____

Scheduled Charge _____

Keyword _____

FIGURE 3. Mine Accident, Injury and Illness Report

TABLE 1. - GENERAL STATISTICS ON INJURY EXPERIENCE AND WORKTIME, AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2009

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
NUMBER OF INJURIES:										
FATAL-----	9	6	5	3	3	9	6	5	3	3
NFDL-----	841	795	657	550	371	845	799	661	554	378
TOTAL LWD INJURIES-----	850	801	662	553	374	854	805	666	557	381
NDL-----	405	373	302	281	211	410	374	308	284	212
TOTAL INJURIES-----	1,255	1,174	964	834	585	1,264	1,179	974	841	593
INCIDENCE RATES:										
FATAL-----	.03	.02	.01	.01	.01	.02	.02	.01	.01	.01
NFDL-----	2.45	2.28	1.97	1.91	1.57	2.15	2.01	1.72	1.66	1.37
ALL LWD INJURIES-----	2.48	2.30	1.98	1.92	1.58	2.18	2.02	1.74	1.67	1.38
NDL-----	1.18	1.07	.90	.97	.89	1.05	.94	.80	.85	.77
ALL INJURIES-----	3.66	3.37	2.89	2.89	2.47	3.22	2.96	2.54	2.52	2.15
SEVERITY MEASURES:										
FATAL-----	158	103	90	62	76	138	90	78	54	65
NFDL-----	149	120	91	90	69	130	106	80	78	60
ALL LWD INJURIES-----	307	223	181	152	146	268	196	158	132	126
AVERAGE SEVERITY:										
PERMANENT PARTIAL-----	893	494	101	692	124	893	494	101	692	124
TEMPORARY NFDL-----	38	41	36	41	43	38	41	36	41	43
ALL LWD INJURIES-----	124	97	91	79	92	123	97	91	79	91
AVERAGE NUMBER OF EMPLOYEES----	37,705	38,450	38,182	35,158	30,813	45,240	46,069	45,761	42,307	37,510
EMPLOYEE-HOURS WORKED-----	68,515,570	69,699,443	66,826,618	57,685,466	47,305,536	78,426,842	79,591,861	76,680,439	66,686,120	55,205,544
AVERAGE HOURS PER EMPLOYEE										
PER YEAR-----	1,817	1,813	1,750	1,641	1,535	1,734	1,728	1,676	1,576	1,472
OPERATIONS REPORTED:										
NUMBER OF OPERATIONS-----	7,044	7,099	7,125	7,041	6,878	7,111	7,178	7,199	7,132	6,980
ASSOCIATED WORK LOCATIONS----	-	-	-	-	-	4,263	4,283	4,293	4,238	4,113

TABLE 2. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2009

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 INJURIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPORARY	TOTAL NFDL																TOTAL	PARTIAL
		TOTAL	PARTIAL																			
SURFACE MINES:																						
OPEN PIT:																						
1 - 4	-	-	-	62	62	62	44	106	-	1.13	1.13	.80	1.94	-	58	58	10,115	10,955,961	4,417	-		
5 - 9	1	-	3	88	91	92	55	147	.02	1.56	1.58	.95	2.53	103	66	169	7,319	11,637,174	1,151	-		
10 - 19	-	-	1	85	86	86	38	124	-	1.76	1.76	.78	2.54	-	74	74	5,418	9,768,641	423	-		
20 - 34	-	-	-	33	33	33	15	48	-	1.54	1.54	.70	2.23	-	60	60	2,336	4,299,549	94	-		
35 - 49	-	-	-	14	14	14	10	24	-	1.34	1.34	.96	2.30	-	67	67	1,108	2,085,582	28	-		
50 - 99	-	-	-	9	9	9	2	11	-	2.05	2.05	.46	2.51	-	36	36	429	878,003	7	-		
TOTAL OR AVERAGE	1	-	4	291	295	296	164	460	.01	1.49	1.49	.83	2.32	30	65	95	26,725	39,624,910	6,120	-		
DREDGE:																						
1 - 4	1	-	-	12	12	13	8	21	.11	1.26	1.37	.84	2.21	631	38	668	1,254	1,902,655	471	-		
5 - 9	1	-	-	29	29	30	20	50	.08	2.43	2.52	1.68	4.20	504	102	606	1,194	2,382,865	186	-		
10 - 19	-	-	-	19	19	19	13	32	-	1.78	1.78	1.22	3.00	-	95	95	1,026	2,134,891	79	-		
20 - 34	-	-	-	12	12	12	5	17	-	2.71	2.71	1.13	3.84	-	131	131	433	884,551	18	-		
35 - 49	-	-	-	3	3	3	1	4	-	2.90	2.90	.97	3.87	-	324	324	113	206,654	3	-		
50 - 99	-	-	-	1	1	1	-	1	-	1.18	1.18	-	1.18	-	117	117	68	169,010	1	-		
TOTAL OR AVERAGE	2	-	-	76	76	78	47	125	.05	1.98	2.03	1.22	3.25	312	94	406	4,088	7,680,626	758	-		
TOTAL OR AVERAGE, MINING:																						
1 - 4	1	-	-	74	74	75	52	127	.02	1.15	1.17	.81	1.98	93	55	148	11,369	12,858,616	4,888	-		
5 - 9	2	-	3	117	120	122	75	197	.03	1.71	1.74	1.07	2.81	171	72	243	8,513	14,020,039	1,337	-		
10 - 19	-	-	1	104	105	105	51	156	-	1.76	1.76	.86	2.62	-	78	78	6,444	11,903,532	502	-		
20 - 34	-	-	-	45	45	45	20	65	-	1.74	1.74	.77	2.51	-	72	72	2,769	5,184,100	112	-		
35 - 49	-	-	-	17	17	17	11	28	-	1.48	1.48	.96	2.44	-	91	91	1,221	2,292,236	31	-		
50 - 99	-	-	-	10	10	10	2	12	-	1.91	1.91	.38	2.29	-	49	49	497	1,047,013	8	-		
TOTAL OR AVERAGE	3	-	4	367	371	374	211	585	.01	1.57	1.58	.89	2.47	76	69	146	30,813	47,305,536	6,878	-		
OFFICE:																						
1 - 4	-	-	-	5	5	5	1	6	-	.16	.16	.03	.19	-	1	1	5,728	6,155,803	101	3,979		
5 - 9	-	-	-	2	2	2	-	2	-	.34	.34	-	.34	-	33	33	653	1,172,073	1	109		
10 - 19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	295	533,409	-	24		
20 - 34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	38,723	-	1		
TOTAL OR AVERAGE	-	-	-	7	7	7	1	8	-	.18	.18	.03	.20	-	6	6	6,697	7,900,008	102	4,113		
GRAND TOTAL OR AVERAGE:																						
1 - 4	1	-	-	79	79	80	53	133	.01	.83	.84	.56	1.40	63	38	101	17,097	19,014,419	4,989	3,979		
5 - 9	2	-	3	119	122	124	75	199	.03	1.61	1.63	.99	2.62	158	69	227	9,166	15,192,112	1,338	109		
10 - 19	-	-	1	104	105	105	51	156	-	1.69	1.69	.82	2.51	-	75	75	6,739	12,436,941	502	24		
20 - 34	-	-	-	45	45	45	20	65	-	1.72	1.72	.77	2.49	-	72	72	2,790	5,222,823	112	1		
35 - 49	-	-	-	17	17	17	11	28	-	1.48	1.48	.96	2.44	-	91	91	1,221	2,292,236	31	-		
50 - 99	-	-	-	10	10	10	2	12	-	1.91	1.91	.38	2.29	-	49	49	497	1,047,013	8	-		
TOTAL OR AVERAGE	3	-	4	374	378	381	212	593	.01	1.37	1.38	.77	2.15	65	60	126	37,510	55,205,544	6,980	4,113		

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, 2009

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
1 - 4-----	-	-	-	62	62	62	44	106	-	-	3,180	3,180	3,180	-	51	51	
5 - 9-----	1	-	3	88	91	92	55	147	6,000	-	420	3,429	3,849	9,849	140	39	107
10 - 19-----	-	-	1	85	86	86	38	124	-	75	3,552	3,627	3,627	75	42	42	
20 - 34-----	-	-	-	33	33	33	15	48	-	-	1,296	1,296	1,296	-	39	39	
35 - 49-----	-	-	-	14	14	14	10	24	-	-	703	703	703	-	50	50	
50 - 99-----	-	-	-	9	9	9	2	11	-	-	157	157	157	-	17	17	
TOTAL OR AVERAGE-----	1	-	4	291	295	296	164	460	6,000	-	495	12,317	12,812	18,812	124	42	64
DREDGE:																	
1 - 4-----	1	-	-	12	12	13	8	21	6,000	-	-	359	359	6,359	-	30	489
5 - 9-----	1	-	-	29	29	30	20	50	6,000	-	-	1,217	1,217	7,217	-	42	241
10 - 19-----	-	-	-	19	19	19	13	32	-	-	1,019	1,019	1,019	-	54	54	
20 - 34-----	-	-	-	12	12	12	5	17	-	-	581	581	581	-	48	48	
35 - 49-----	-	-	-	3	3	3	1	4	-	-	335	335	335	-	112	112	
50 - 99-----	-	-	-	1	1	1	-	1	-	-	99	99	99	-	99	99	
TOTAL OR AVERAGE-----	2	-	-	76	76	78	47	125	12,000	-	-	3,610	3,610	15,610	-	48	200
TOTAL OR AVERAGE, MINING:																	
1 - 4-----	1	-	-	74	74	75	52	127	6,000	-	-	3,539	3,539	9,539	-	48	127
5 - 9-----	2	-	3	117	120	122	75	197	12,000	-	420	4,646	5,066	17,066	140	40	140
10 - 19-----	-	-	1	104	105	105	51	156	-	75	4,571	4,646	4,646	75	44	44	
20 - 34-----	-	-	-	45	45	45	20	65	-	-	1,877	1,877	1,877	-	42	42	
35 - 49-----	-	-	-	17	17	17	11	28	-	-	1,038	1,038	1,038	-	61	61	
50 - 99-----	-	-	-	10	10	10	2	12	-	-	256	256	256	-	26	26	
TOTAL OR AVERAGE-----	3	-	4	367	371	374	211	585	18,000	-	495	15,927	16,422	34,422	124	43	92
OFFICE:																	
1 - 4-----	-	-	-	5	5	5	1	6	-	-	28	28	28	-	6	6	
5 - 9-----	-	-	-	2	2	2	-	2	-	-	195	195	195	-	98	98	
10 - 19-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20 - 34-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	7	7	7	1	8	-	-	223	223	223	-	32	32	
GRAND TOTAL OR AVERAGE:																	
1 - 4-----	1	-	-	79	79	80	53	133	6,000	-	-	3,567	3,567	9,567	-	45	120
5 - 9-----	2	-	3	119	122	124	75	199	12,000	-	420	4,841	5,261	17,261	140	41	139
10 - 19-----	-	-	1	104	105	105	51	156	-	75	4,571	4,646	4,646	75	44	44	
20 - 34-----	-	-	-	45	45	45	20	65	-	-	1,877	1,877	1,877	-	42	42	
35 - 49-----	-	-	-	17	17	17	11	28	-	-	1,038	1,038	1,038	-	61	61	
50 - 99-----	-	-	-	10	10	10	2	12	-	-	256	256	256	-	26	26	
TOTAL OR AVERAGE-----	3	-	4	374	378	381	212	593	18,000	-	495	16,150	16,645	34,645	124	43	91

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2009 (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																FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES
		TOTAL	PARTIAL																						
DREDGE:	-	-	-	-	-	-	1	1	-	-	-	1.59	1.59	-	-	-	72	126,052	16	-					
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	13,791	2	-					
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3,184	1	-					
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	119,395	9	-					
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	66,588	2	-					
CALI FORNI A-----	-	-	-	-	-	-	1	1	-	-	-	3.00	3.00	-	-	-	26	75,946	5	-					
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	40,333	4	-					
DELAWARE-----	-	-	1	1	1	-	-	1	4.96	4.96	-	4.96	-	50	50	21	24	515,858	38	-					
FLORI DA-----	-	-	3	3	3	-	-	3	1.16	1.16	-	1.16	-	24	24	272	24	208,656	29	-					
GEORGI A-----	-	-	2	2	2	1	3	1.92	1.92	.96	2.88	-	45	45	115	4	1,025	1	-						
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	234,337	28	-					
ILLI NOI S-----	-	-	1	1	1	1	2	.85	.85	.85	1.71	-	76	76	209	76	410,744	32	-						
INDI ANA-----	-	-	3	3	3	3	6	1.46	1.46	1.46	2.92	-	101	101	178,091	28	178,091	28	-						
IOWA-----	1	-	-	4	4	5	2	7	4.49	5.62	2.25	7.86	6,738	376	7,114	27	192	336,158	54	-					
KANSAS-----	-	-	2	2	2	2	4	1.19	1.19	1.19	2.38	-	27	27	192	27	127,765	10	-						
KENTUCKY-----	-	-	-	1	1	1	1	1	1.57	1.57	-	1.57	-	102	102	500	102	965,848	81	-					
LOUI SI ANA-----	-	-	11	11	11	3	14	2.28	2.28	.62	2.90	-	19	19	37,451	3	37,451	3	-						
MARYLAND-----	-	-	1	1	1	1	2	5.34	5.34	5.34	10.68	-	753	753	1	1	514	1	-						
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	87	50,729	6	-					
MI CHI GAN-----	-	-	1	1	1	1	2	3.94	3.94	3.94	7.89	-	87	87	22	22	30,644	7	-						
MI NNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	166	156,979	18	-					
MI SSI SSI PPI-----	-	-	1	1	1	2	3	1.27	1.27	2.55	3.82	-	166	166	85	166	324,586	33	-						
MI SSOURI-----	-	-	4	4	4	3	7	2.46	2.46	1.85	4.31	-	20	20	179	20	651,909	128	-						
NEBRASKA-----	-	-	8	8	8	5	13	2.45	2.45	1.53	3.99	-	67	67	416	67	397,731	20	-						
NEW JERSEY-----	-	-	7	7	7	1	8	3.52	3.52	.50	4.02	-	467	467	191	60	116,702	9	-						
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	68	98,569	17	-					
NORTH CAROLI NA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34	564,031	43	-					
OHIO-----	-	-	3	3	3	5	8	1.06	1.06	1.77	2.84	-	85	85	230	85	454,603	41	-						
OKLAHOMA-----	-	-	6	6	6	8	14	2.64	2.64	3.52	6.16	-	89	89	124	89	252,923	11	-						
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	6,679	1	-					
PENNSYLVANI A-----	-	-	5	5	5	3	8	3.95	3.95	2.37	6.33	-	89	89	61	61	83,088	16	-						
PUERTO RI CO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	4,109	2	-					
SOUTH CAROLI NA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	71	159,766	11	-					
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	8,009	3	-					
TENNESSEE-----	-	-	2	2	2	1	3	2.50	2.50	1.25	3.76	-	190	190	71	190	786,653	35	-						
TEXAS-----	1	-	10	10	11	2	13	.25	2.54	2.80	.51	3.31	1,525	108	1,633	360	786,653	35	-						
VI RGI NI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	28,188	4	-					
WASH NGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	21,402	1	-					
WEST VI RGI NI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	19,608	7	-					
WI SCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
TOTAL OR AVERAGE-----	2	-	-	76	76	78	47	125	.05	1.98	2.03	1.22	3.25	312	94	406	4,088	7,680,626	758	-					

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2009 (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																				
OFFICE																							
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	145,256	-	54			
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	43,185	5	31			
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	309	449,644	2	146			
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	128,134	1	45			
CALI FORNI A-----	-	-	1	1	1	-	-	-	.20	.20	-	.20	-	-	2	2	634	986,763	3	236			
COLORADO-----	-	-	1	1	1	-	-	-	.96	.96	-	.96	-	-	3	3	206	208,339	1	149			
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	77,351	1	52			
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	27,960	-	8			
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	127,051	-	36			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	78,211	-	16			
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	14,281	4	26			
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95	54,456	5	73			
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	137	199,932	2	72			
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145	241,552	1	101			
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	189	187,556	7	117			
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69	100,309	-	47			
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	57,031	1	12			
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153	216,014	1	97			
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	130	49,812	2	108			
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	87,359	1	23			
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95	94,523	-	70			
MICHIGAN-----	-	-	1	1	1	-	1	-	.70	.70	-	.70	-	-	6	6	347	284,701	12	254			
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	324	97,822	23	269			
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	126,121	-	53			
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	137,461	1	54			
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	119	30,941	2	93			
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	70,367	1	60			
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83	81,264	1	55			
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	94	101,913	-	70			
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	137	240,375	1	48			
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	109	65,429	3	81			
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	308	366,472	1	201			
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	123,108	1	60			
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	7,427	-	28			
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	272	430,898	3	147			
OKLAHOMA-----	-	-	-	-	-	-	1	1	-	-	1.36	1.36	-	-	-	-	93	147,328	1	54			
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96	83,926	-	56			
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	119	184,792	-	72			
PUERTO RICO-----	-	-	1	1	1	-	1	-	2.56	2.56	-	2.56	-	-	13	13	53	78,091	-	28			
RHODE ISLAND-----	-	-	1	1	1	-	1	-	5.34	5.34	-	5.34	-	-	5	5	24	37,478	-	12			
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	101,294	1	41			
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	33,641	-	53			
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69	116,882	-	37			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	438	700,752	1	231			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	81,241	-	71			
VERMONT-----	-	-	1	1	1	-	1	-	5.92	5.92	-	5.92	-	-	888	888	41	33,780	1	32			
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	75,253	1	31			
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	253	277,725	-	152			
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5,976	-	1			
WISCONSIN-----	-	-	1	1	1	-	1	-	1.14	1.14	-	1.14	-	-	51	51	284	176,004	10	219			
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	26,827	1	31			
TOTAL OR AVERAGE-----	-	-	-	7	7	7	1	8	-	.18	.18	.03	.20	-	6	6	6,697	7,900,008	102	4,113			

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, 2009

WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS					AVERAGE SEVERITY				
	FATAL	NFDL				NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY	TOTAL NFDL				PERMANENT		TEMPORARY					TOTAL NFDL	
		TOTAL	PARTIAL						TOTAL	PARTIAL							
OPEN PIT:																	
ALABAMA-----	-	-	-	2	2	2	1	3	-	-	-	28	28	28	-	14	14
ALASKA-----	-	-	-	3	3	3	2	5	-	-	-	15	15	15	-	5	5
ARIZONA-----	-	-	-	15	15	15	9	24	-	-	-	730	730	730	-	49	49
ARKANSAS-----	-	-	-	5	5	5	-	5	-	-	-	357	357	357	-	71	71
CALIFORNIA-----	1	-	-	47	47	48	15	63	6,000	-	-	3,122	3,122	9,122	-	66	190
COLORADO-----	-	-	1	16	17	17	5	22	-	-	270	956	1,226	1,226	270	60	72
CONNECTICUT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DELAWARE-----	-	-	-	1	1	1	-	1	-	-	-	184	184	184	-	184	184
GEORGIA-----	-	-	-	3	3	3	-	3	-	-	-	137	137	137	-	46	46
IDAHO-----	-	-	-	3	3	3	2	5	-	-	-	45	45	45	-	15	15
ILLINOIS-----	-	-	-	2	2	2	2	4	-	-	-	109	109	109	-	54	54
INDIANA-----	-	-	-	8	8	8	2	10	-	-	-	134	134	134	-	17	17
IOWA-----	-	-	-	5	5	5	4	9	-	-	-	141	141	141	-	28	28
KANSAS-----	-	-	-	4	4	4	2	6	-	-	-	28	28	28	-	7	7
MAINE-----	-	-	-	4	4	4	1	5	-	-	-	64	64	64	-	16	16
MARYLAND-----	-	-	-	2	2	2	1	3	-	-	-	4	4	4	-	2	2
MASSACHUSETTS-----	-	-	-	1	1	1	1	2	-	-	-	48	48	48	-	48	48
MICHIGAN-----	-	-	-	11	11	11	4	15	-	-	-	609	609	609	-	55	55
MINNESOTA-----	-	-	1	2	3	3	4	7	-	-	50	30	80	80	50	15	27
MISSISSIPPI-----	-	-	-	10	10	10	3	13	-	-	-	112	112	112	-	11	11
MISSOURI-----	-	-	-	1	1	1	2	3	-	-	-	2	2	2	-	2	2
MONTANA-----	-	-	-	1	1	1	2	3	-	-	-	9	9	9	-	9	9
NEBRASKA-----	-	-	-	1	1	1	4	5	-	-	-	13	13	13	-	13	13
NEVADA-----	-	-	-	6	6	6	6	12	-	-	-	421	421	421	-	70	70
NEW HAMPSHIRE-----	-	-	-	2	2	2	1	3	-	-	-	20	20	20	-	10	10
NEW JERSEY-----	-	-	-	3	3	3	1	4	-	-	-	27	27	27	-	9	9
NEW MEXICO-----	-	-	-	8	8	8	4	12	-	-	-	538	538	538	-	67	67
NEW YORK-----	-	-	-	3	3	3	8	11	-	-	-	46	46	46	-	15	15
NORTH CAROLINA-----	-	-	1	5	6	6	-	6	-	-	75	85	160	160	75	17	27
NORTH DAKOTA-----	-	-	-	3	3	3	-	3	-	-	-	20	20	20	-	7	7
OHIO-----	-	-	-	1	1	1	6	7	-	-	-	12	12	12	-	12	12
OKLAHOMA-----	-	-	-	3	3	3	1	4	-	-	-	27	27	27	-	9	9
OREGON-----	-	-	-	2	2	2	1	3	-	-	-	78	78	78	-	39	39
PENNSYLVANIA-----	-	-	-	5	5	5	2	7	-	-	-	300	300	300	-	60	60
Puerto Rico-----	-	-	-	8	8	8	-	8	-	-	-	523	523	523	-	65	65
RHODE ISLAND-----	-	-	-	1	1	1	-	1	-	-	-	44	44	44	-	44	44
SOUTH CAROLINA-----	-	-	-	1	1	1	2	3	-	-	-	29	29	29	-	29	29
SOUTH DAKOTA-----	-	-	-	7	7	7	6	13	-	-	-	363	363	363	-	52	52
TENNESSEE-----	-	-	-	4	4	4	5	9	-	-	-	35	35	35	-	9	9
TEXAS-----	-	-	1	32	33	33	13	46	-	-	100	1,168	1,268	1,268	100	36	38
UTAH-----	-	-	-	12	12	12	9	21	-	-	-	755	755	755	-	63	63
VERMONT-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
VIRGINIA-----	-	-	-	2	2	2	2	4	-	-	-	87	87	87	-	44	44
WASHINGTON-----	-	-	-	18	18	18	7	25	-	-	-	487	487	487	-	27	27
WISCONSIN-----	-	-	-	12	12	12	6	18	-	-	-	183	183	183	-	15	15
WYOMING-----	-	-	-	5	5	5	8	13	-	-	-	191	191	191	-	38	38
TOTAL OR AVERAGE-----	1	-	4	291	295	296	164	460	6,000	-	495	12,317	12,812	18,812	124	42	64

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, 2009 (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	-	-	-	-	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DELAWARE-----	-	-	-	1	1	1	-	1	-	-	-	10	10	-	-	10	10
FLORIDA-----	-	-	-	3	3	3	-	3	-	-	-	63	63	-	-	21	21
GEORGIA-----	-	-	-	2	2	2	1	3	-	-	-	47	47	-	-	24	24
ILLINOIS-----	-	-	-	1	1	1	1	2	-	-	-	2	2	-	-	2	2
INDIANA-----	-	-	-	3	3	3	3	6	-	-	-	156	156	-	-	52	52
IOWA-----	1	-	-	4	4	5	2	7	6,000	-	-	335	335	6,335	-	84	1,267
KANSAS-----	-	-	-	2	2	2	2	4	-	-	-	46	46	-	-	23	23
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	6	6	-	-	6	6
LOUISIANA-----	-	-	-	11	11	11	3	14	-	-	-	493	493	-	-	45	45
MARYLAND-----	-	-	-	1	1	1	1	2	-	-	-	141	141	-	-	141	141
MICHIGAN-----	-	-	-	1	1	1	1	2	-	-	-	22	22	-	-	22	22
MISSISSIPPI-----	-	-	-	1	1	1	2	3	-	-	-	130	130	-	-	130	130
MISSOURI-----	-	-	-	4	4	4	3	7	-	-	-	32	32	-	-	8	8
NEBRASKA-----	-	-	-	8	8	8	5	13	-	-	-	220	220	-	-	28	28
NEW JERSEY-----	-	-	-	7	7	7	1	8	-	-	-	928	928	-	-	133	133
OHIO-----	-	-	-	3	3	3	5	8	-	-	-	97	97	-	-	32	32
OKLAHOMA-----	-	-	-	6	6	6	8	14	-	-	-	193	193	-	-	32	32
PENNSYLVANIA-----	-	-	-	5	5	5	3	8	-	-	-	113	113	-	-	23	23
SOUTH CAROLINA-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	2	2	2	1	3	-	-	-	152	152	-	-	76	76
TEXAS-----	1	-	-	10	10	11	2	13	6,000	-	-	424	424	-	-	42	584
TOTAL OR AVERAGE-----	2	-	-	76	76	78	47	125	12,000	-	-	3,610	3,610	-	-	48	200

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, 2009 (CONTINUED)

WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS					AVERAGE SEVERITY				
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:																	
ALABAMA-----	-	-	-	2	2	2	2	4	-	-	-	28	28	28	-	14	14
ALASKA-----	-	-	-	3	3	3	3	5	-	-	-	15	15	15	-	5	5
ARIZONA-----	-	-	-	15	15	15	9	24	-	-	-	730	730	730	-	49	49
ARKANSAS-----	-	-	-	5	5	5	5	5	-	-	-	357	357	357	-	71	71
CALIFORNIA-----	1	-	-	47	47	48	16	64	6,000	-	-	3,122	3,122	9,122	-	66	190
COLORADO-----	-	-	1	16	17	17	5	22	-	-	270	956	1,226	1,226	270	60	72
CONNECTICUT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DELAWARE-----	-	-	-	2	2	2	-	2	-	-	-	194	194	194	-	97	97
FLORIDA-----	-	-	-	3	3	3	-	3	-	-	-	63	63	63	-	21	21
GEORGIA-----	-	-	-	5	5	5	1	6	-	-	-	184	184	184	-	37	37
IDAHO-----	-	-	-	3	3	3	2	5	-	-	-	45	45	45	-	15	15
ILLINOIS-----	-	-	-	3	3	3	3	6	-	-	-	111	111	111	-	37	37
INDIANA-----	-	-	-	11	11	11	5	16	-	-	-	290	290	290	-	26	26
IOWA-----	1	-	-	9	9	10	6	16	6,000	-	-	476	476	6,476	-	53	648
KANSAS-----	-	-	-	6	6	6	4	10	-	-	-	74	74	74	-	12	12
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
LOUISIANA-----	-	-	-	11	11	11	3	14	-	-	-	493	493	493	-	45	45
MAINE-----	-	-	-	4	4	4	1	5	-	-	-	64	64	64	-	16	16
MARYLAND-----	-	-	-	3	3	3	2	5	-	-	-	145	145	145	-	48	48
MASSACHUSETTS-----	-	-	-	1	1	1	1	2	-	-	-	48	48	48	-	48	48
MICHIGAN-----	-	-	-	12	12	12	5	17	-	-	-	631	631	631	-	53	53
MINNESOTA-----	-	-	1	2	3	3	4	7	-	-	50	30	80	80	50	15	27
MISSISSIPPI-----	-	-	-	11	11	11	5	16	-	-	-	242	242	242	-	22	22
MISSOURI-----	-	-	-	5	5	5	5	10	-	-	-	34	34	34	-	7	7
MONTANA-----	-	-	-	1	1	1	2	3	-	-	-	9	9	9	-	9	9
NEBRASKA-----	-	-	-	9	9	9	9	18	-	-	-	233	233	233	-	26	26
NEVADA-----	-	-	-	6	6	6	6	12	-	-	-	421	421	421	-	70	70
NEW HAMPSHIRE-----	-	-	-	2	2	2	1	3	-	-	-	20	20	20	-	10	10
NEW JERSEY-----	-	-	-	10	10	10	2	12	-	-	-	955	955	955	-	96	96
NEW MEXICO-----	-	-	-	8	8	8	4	12	-	-	-	538	538	538	-	67	67
NEW YORK-----	-	-	-	3	3	3	8	11	-	-	-	46	46	46	-	15	15
NORTH CAROLINA-----	-	-	1	5	6	6	6	6	-	-	75	85	160	160	75	17	27
NORTH DAKOTA-----	-	-	-	3	3	3	9	12	-	-	-	20	20	20	-	7	7
OHIO-----	-	-	-	4	4	4	11	15	-	-	-	109	109	109	-	27	27
OKLAHOMA-----	-	-	-	9	9	9	9	18	-	-	-	220	220	220	-	24	24
OREGON-----	-	-	-	2	2	2	1	3	-	-	-	78	78	78	-	39	39
PENNSYLVANIA-----	-	-	-	10	10	10	5	15	-	-	-	413	413	413	-	41	41
Puerto Rico-----	-	-	-	8	8	8	-	8	-	-	-	523	523	523	-	65	65
RHODE ISLAND-----	-	-	-	1	1	1	-	1	-	-	-	44	44	44	-	44	44
SOUTH CAROLINA-----	-	-	-	1	1	1	3	4	-	-	-	29	29	29	-	29	29
SOUTH DAKOTA-----	-	-	-	7	7	7	6	13	-	-	-	363	363	363	-	52	52
TENNESSEE-----	-	-	-	6	6	6	6	12	-	-	-	187	187	187	-	31	31
TEXAS-----	1	-	1	42	43	44	15	59	6,000	-	100	1,592	1,692	7,692	100	38	175
UTAH-----	-	-	-	12	12	12	9	21	-	-	-	755	755	755	-	63	63
VERMONT-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
VIRGINIA-----	-	-	-	2	2	2	2	4	-	-	-	87	87	87	-	44	44
WASHINGTON-----	-	-	-	18	18	18	7	25	-	-	-	487	487	487	-	27	27
WISCONSIN-----	-	-	-	12	12	12	6	18	-	-	-	183	183	183	-	15	15
WYOMING-----	-	-	-	5	5	5	8	13	-	-	-	191	191	191	-	38	38
TOTAL OR AVERAGE-----	3	-	4	367	371	374	211	585	18,000	-	495	15,927	16,422	34,422	124	43	92

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, 2009 (CONTINUED)

WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
OFFICE:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
COLORADO-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
MICHIGAN-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
OKLAHOMA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PUERTO RICO-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
RHODE ISLAND-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
VERMONT-----	-	-	-	1	1	1	-	1	-	-	-	150	150	150	-	150	150
WISCONSIN-----	-	-	-	1	1	1	-	1	-	-	-	45	45	45	-	45	45
TOTAL OR AVERAGE-----	-	-	-	7	7	7	1	8	-	-	-	223	223	223	-	32	32

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, 2009 (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:	-	-	-	2	2	2	2	4	-	-	-	28	28	28	-	14	14
ALABAMA-----	-	-	-	3	3	3	2	5	-	-	-	15	15	15	-	5	5
ALASKA-----	-	-	-	15	15	15	9	24	-	-	-	730	730	730	-	49	49
ARIZONA-----	-	-	-	5	5	5	5	5	-	-	-	357	357	357	-	71	71
ARKANSAS-----	1	-	-	48	48	49	16	65	6,000	-	-	3,132	3,132	9,132	-	65	186
CALIFORNIA-----	-	-	1	17	18	18	5	23	-	270	-	959	1,229	1,229	270	56	68
CONNECTICUT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DELAWARE-----	-	-	-	2	2	2	-	2	-	-	-	194	194	194	-	97	97
FLORIDA-----	-	-	-	3	3	3	-	3	-	-	-	63	63	63	-	21	21
GEORGIA-----	-	-	-	5	5	5	1	6	-	-	-	184	184	184	-	37	37
IDAHO-----	-	-	-	3	3	3	2	5	-	-	-	45	45	45	-	15	15
ILLINOIS-----	-	-	-	3	3	3	3	6	-	-	-	111	111	111	-	37	37
INDIANA-----	-	-	-	11	11	11	5	16	-	-	-	290	290	290	-	26	26
IOWA-----	1	-	-	9	9	10	6	16	6,000	-	-	476	476	6,476	-	53	648
KANSAS-----	-	-	-	6	6	6	4	10	-	-	-	74	74	74	-	12	12
KENTUCKY-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
LOUISIANA-----	-	-	-	11	11	11	3	14	-	-	-	493	493	493	-	45	45
MAINE-----	-	-	-	4	4	4	1	5	-	-	-	64	64	64	-	16	16
MARYLAND-----	-	-	-	3	3	3	2	5	-	-	-	145	145	145	-	48	48
MASSACHUSETTS-----	-	-	-	1	1	1	1	2	-	-	-	48	48	48	-	48	48
MICHIGAN-----	-	-	-	13	13	13	5	18	-	-	-	640	640	640	-	49	49
MINNESOTA-----	-	-	1	2	3	3	4	7	-	50	-	30	80	80	50	15	27
MISSISSIPPI-----	-	-	-	11	11	11	5	16	-	-	-	242	242	242	-	22	22
MISSOURI-----	-	-	-	5	5	5	5	10	-	-	-	34	34	34	-	7	7
MONTANA-----	-	-	-	1	1	1	2	3	-	-	-	9	9	9	-	9	9
NEBRASKA-----	-	-	-	9	9	9	9	18	-	-	-	233	233	233	-	26	26
NEVADA-----	-	-	-	6	6	6	6	12	-	-	-	421	421	421	-	70	70
NEW HAMPSHIRE-----	-	-	-	2	2	2	1	3	-	-	-	20	20	20	-	10	10
NEW JERSEY-----	-	-	-	10	10	10	2	12	-	-	-	955	955	955	-	96	96
NEW MEXICO-----	-	-	-	8	8	8	4	12	-	-	-	538	538	538	-	67	67
NEW YORK-----	-	-	-	3	3	3	8	11	-	-	-	46	46	46	-	15	15
NORTH CAROLINA-----	-	-	1	5	6	6	6	6	-	-	-	85	160	160	75	17	27
NORTH DAKOTA-----	-	-	-	3	3	3	9	12	-	-	-	20	20	20	-	7	7
OHIO-----	-	-	-	4	4	4	11	15	-	-	-	109	109	109	-	27	27
OKLAHOMA-----	-	-	-	9	9	9	10	19	-	-	-	220	220	220	-	24	24
OREGON-----	-	-	-	2	2	2	1	3	-	-	-	78	78	78	-	39	39
PENNSYLVANIA-----	-	-	-	10	10	10	5	15	-	-	-	413	413	413	-	41	41
PUERTO RICO-----	-	-	-	9	9	9	-	9	-	-	-	528	528	528	-	59	59
RHODE ISLAND-----	-	-	-	2	2	2	-	2	-	-	-	45	45	45	-	22	22
SOUTH CAROLINA-----	-	-	-	1	1	1	3	4	-	-	-	29	29	29	-	29	29
SOUTH DAKOTA-----	-	-	-	7	7	7	6	13	-	-	-	363	363	363	-	52	52
TENNESSEE-----	-	-	-	6	6	6	6	12	-	-	-	187	187	187	-	31	31
TEXAS-----	1	-	1	42	43	44	15	59	6,000	100	1,592	1,692	7,692	100	38	175	
UTAH-----	-	-	-	12	12	12	9	21	-	-	-	755	755	755	-	63	63
VERMONT-----	-	-	-	2	2	2	2	2	-	-	-	151	151	151	-	76	76
VIRGINIA-----	-	-	-	2	2	2	2	4	-	-	-	87	87	87	-	44	44
WASHINGTON-----	-	-	-	18	18	18	7	25	-	-	-	487	487	487	-	27	27
WISCONSIN-----	-	-	-	13	13	13	6	19	-	-	-	228	228	228	-	18	18
WYOMING-----	-	-	-	5	5	5	8	13	-	-	-	191	191	191	-	38	38
TOTAL OR AVERAGE-----	3	-	4	374	378	381	212	593	18,000	-	495	16,150	16,645	34,645	124	43	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, 2009

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
SURFACE MINES:																
OPEN PIT:																
EYE-----	-	-	-	6	6	6	22	28	-	.03	.03	.11	.14	-	(*)	(*)
JAW-----	-	-	-	-	-	-	1	1	-	-	-	.01	.01	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	1	3	-	.01	.01	.01	.02	-	(*)	(*)
NOSE-----	-	-	-	2	2	2	1	3	-	.01	.01	.01	.01	-	(*)	(*)
SCALP-----	-	-	-	1	1	1	1	2	-	.01	.01	.01	.01	-	(*)	(*)
FACE, NEC-----	-	-	-	1	1	1	3	4	-	.01	.01	.02	.02	-	(*)	(*)
HEAD, NEC-----	-	-	-	5	5	5	11	16	-	.03	.03	.06	.08	-	(*)	(*)
NECK-----	-	-	-	2	2	2	1	3	-	.01	.01	.01	.02	-	(*)	(*)
UPPER ARM-----	-	-	-	6	6	6	-	6	-	.03	.03	-	.03	-	2	2
ELBOW-----	-	-	-	7	7	7	5	12	-	.04	.04	.03	.06	-	1	1
FOREARM-----	-	-	-	-	-	-	4	4	-	-	-	.02	.02	-	-	-
WRIST-----	-	-	-	8	8	8	1	9	-	.04	.04	.01	.05	-	2	2
HAND-----	-	-	-	12	12	12	16	28	-	.06	.06	.08	.14	-	1	1
FINGER(S)-----	-	-	3	29	32	32	48	80	-	.16	.16	.24	.40	-	7	7
UPPER EXTREMITIES, NEC--	-	-	-	9	9	9	3	12	-	.05	.05	.02	.06	-	3	3
ABDOMEN-----	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
BACK-----	-	-	-	58	58	58	8	66	-	.29	.29	.04	.33	-	11	11
CHEST-----	1	-	-	8	8	8	2	11	.01	.04	.05	.01	.06	30	(*)	31
PELVIC REGION-----	-	-	1	6	7	7	1	8	-	.04	.04	.01	.04	-	2	2
SHOULDER(S)-----	-	-	-	26	26	26	7	33	-	.13	.13	.04	.17	-	6	6
TRUNK, NEC-----	-	-	-	5	5	5	2	7	-	.03	.03	.01	.04	-	1	1
THIGH-----	-	-	-	6	6	6	3	9	-	.03	.03	.02	.05	-	(*)	(*)
KNEE-----	-	-	-	24	24	24	8	32	-	.12	.12	.04	.16	-	5	5
LOWER LEG-----	-	-	-	7	7	7	3	10	-	.04	.04	.02	.05	-	3	3
ANKLE-----	-	-	-	19	19	19	3	22	-	.10	.10	.02	.11	-	4	4
FOOT-----	-	-	-	7	7	7	2	9	-	.04	.04	.01	.05	-	1	1
TOE(S)-----	-	-	-	3	3	3	-	3	-	.02	.02	-	.02	-	1	1
LOWER EXTREMITIES, NEC--	-	-	-	6	6	6	-	6	-	.03	.03	-	.03	-	(*)	(*)
BODY SYSTEMS-----	-	-	-	2	2	2	4	6	-	.01	.01	.02	.03	-	(*)	(*)
MULTIPLE PARTS OF BODY--	-	-	-	23	23	23	4	27	-	.12	.12	.02	.14	-	12	12
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	1	1
TOTAL OR AVERAGE-----	1	-	4	291	295	296	164	460	.01	1.49	1.49	.83	2.32	30	65	95

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, 2009 (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-----	-	-	-	2	2	2	7	9	-	.05	.18	.23	-	(*)	(*)	(*)
JAW-----	-	-	-	-	-	-	1	1	-	-	.03	.03	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	3	3	-	-	.08	.08	-	-	-	-
FACE, NEC-----	-	-	-	-	-	-	2	2	-	-	.05	.05	-	-	-	-
HEAD, NEC-----	-	-	-	2	2	2	3	5	-	.05	.08	.13	-	(*)	(*)	(*)
NECK-----	-	-	-	2	2	2	2	3	-	.05	.05	.03	.08	(*)	(*)	(*)
UPPER ARM-----	-	-	-	-	-	-	1	1	-	-	.03	.03	-	-	-	-
ELBOW-----	-	-	-	1	1	1	1	1	-	.03	.03	-	.03	(*)	(*)	(*)
WRIST-----	-	-	-	3	3	3	-	3	-	.08	.08	-	.08	-	4	4
HAND-----	-	-	-	3	3	3	7	10	-	.08	.08	.18	.26	-	2	2
FINGER(S)-----	-	-	-	12	12	12	11	23	-	.31	.31	.29	.60	-	6	6
UPPER EXTREMITIES, NEC--	1	-	-	3	3	4	-	4	.03	.08	.10	-	.10	156	4	160
ABDOMEN-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	1	1
BACK-----	-	-	-	10	10	10	1	11	-	.26	.26	.03	.29	-	17	17
CHEST-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	1	1
PELVIC REGION-----	-	-	-	3	3	3	-	3	-	.08	.08	-	.08	-	2	2
SHOULDER(S)-----	-	-	-	12	12	12	1	13	-	.31	.31	.03	.34	-	17	17
TRUNK, NEC-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	4	4
THIGH-----	-	-	-	1	1	1	2	3	-	.03	.03	.05	.08	-	1	1
KNEE-----	-	-	-	5	5	5	1	6	-	.13	.13	.03	.16	-	11	11
LOWER LEG-----	-	-	-	2	2	2	-	2	-	.05	.05	-	.05	-	5	5
ANKLE-----	-	-	-	2	2	2	2	4	-	.05	.05	.05	.10	-	(*)	(*)
FOOT-----	-	-	-	3	3	3	1	4	-	.08	.08	.03	.10	-	2	2
TOE(S)-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	3	3
LOWER EXTREMITIES, NEC--	-	-	-	2	2	2	1	3	-	.05	.05	.03	.08	-	(*)	(*)
BODY SYSTEMS-----	1	-	-	-	-	1	1	2	.03	-	.03	.03	.05	156	-	156
MULTIPLE PARTS OF BODY--	-	-	-	4	4	4	-	4	-	.10	.10	-	.10	-	12	12
TOTAL OR AVERAGE-----	2	-	-	76	76	78	47	125	.05	1.98	2.03	1.22	3.25	312	94	406

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, 2009 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
TOTAL OR AVERAGE, MINING:																
EAR-----	-	-	-	-	-	-	1	1	-	-	(*)	(*)	-	-	-	-
EYE-----	-	-	-	8	8	8	29	37	-	.03	.12	.16	-	-	(*)	(*)
JAW-----	-	-	-	-	-	-	2	2	-	-	-	.01	.01	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	3	4	-	(*)	(*)	.01	.02	-	(*)	(*)
NOSE-----	-	-	-	2	2	2	1	3	-	(*)	(*)	.01	.01	-	(*)	(*)
SCALP-----	-	-	-	1	1	1	1	2	-	(*)	(*)	.01	.01	-	(*)	(*)
FACE, NEC-----	-	-	-	1	1	1	5	6	-	(*)	(*)	.02	.03	-	(*)	(*)
HEAD, NEC-----	-	-	-	7	7	7	14	21	-	.03	.03	.06	.09	-	(*)	(*)
NECK-----	-	-	-	4	4	4	2	6	-	.02	.02	.01	.03	-	(*)	(*)
UPPER ARM-----	-	-	-	6	6	6	1	7	-	.03	.03	(*)	.03	-	(*)	(*)
ELBOW-----	-	-	-	8	8	8	5	13	-	.03	.03	.02	.05	-	(*)	(*)
FOREARM-----	-	-	-	-	-	-	4	4	-	-	.02	.02	-	-	-	-
WRIST-----	-	-	-	11	11	11	1	12	-	.05	.05	(*)	.05	-	2	2
HAND-----	-	-	-	15	15	15	23	38	-	.06	.06	.10	.16	-	1	1
FINGER(S)-----	-	-	3	41	44	44	59	103	-	.19	.19	.25	.44	-	7	7
UPPER EXTREMITIES, NEC-----	1	-	-	12	12	13	3	16	(*)	.05	.05	.01	.07	25	3	29
ABDOMEN-----	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
BACK-----	-	-	-	68	68	68	9	77	-	.29	.29	.04	.33	-	12	12
CHEST-----	1	-	-	9	9	10	2	12	(*)	.04	.04	.01	.05	25	(*)	26
PELVIC REGION-----	-	-	1	9	10	10	1	11	-	.04	.04	(*)	.05	-	2	2
SHOULDER(S)-----	-	-	-	38	38	38	8	46	-	.16	.16	.03	.19	-	8	8
TRUNK, NEC-----	-	-	-	6	6	6	2	8	-	.03	.03	.01	.03	-	1	1
THIGH-----	-	-	-	7	7	7	5	12	-	.03	.03	.02	.05	-	(*)	(*)
KNEE-----	-	-	-	29	29	29	9	38	-	.12	.12	.04	.16	-	6	6
LOWER LEG-----	-	-	-	9	9	9	3	12	-	.04	.04	.01	.05	-	4	4
ANKLE-----	-	-	-	21	21	21	5	26	-	.09	.09	.02	.11	-	4	4
FOOT-----	-	-	-	10	10	10	3	13	-	.04	.04	.01	.05	-	1	1
TOE(S)-----	-	-	-	4	4	4	-	4	-	.02	.02	-	.02	-	1	1
LOWER EXTREMITIES, NEC-----	-	-	-	8	8	8	1	9	-	.03	.03	(*)	.04	-	(*)	(*)
BODY SYSTEMS-----	1	-	-	2	2	3	5	8	(*)	.01	.01	.02	.03	25	(*)	25
MULTIPLE PARTS OF BODY-----	-	-	-	27	27	27	4	31	-	.11	.11	.02	.13	-	12	12
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	1	1
TOTAL OR AVERAGE-----	3	-	4	367	371	374	211	585	.01	1.57	1.58	.89	2.47	76	69	146
OFFICE:																
HEAD, NEC-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	4	4
FOREARM-----	-	-	-	-	-	-	1	1	-	-	-	.03	.03	-	-	-
FINGER(S)-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
BACK-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
KNEE-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	-	2	-	.05	.05	-	.05	-	(*)	(*)
TOTAL OR AVERAGE-----	-	-	-	7	7	7	1	8	-	.18	.18	.03	.20	-	6	6

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, 2009 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
GRAND TOTAL OR AVERAGE:																
EAR-----	-	-	-	-	-	-	1	1	-	-	(*)	(*)	-	-	-	-
EYE-----	-	-	-	8	8	8	29	37	-	.03	.11	.13	-	-	(*)	(*)
JAW-----	-	-	-	-	-	-	2	2	-	-	-	.01	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	3	4	-	(*)	(*)	.01	-	-	(*)	(*)
NOSE-----	-	-	-	2	2	2	1	3	-	.01	.01	.01	-	-	(*)	(*)
SCALP-----	-	-	-	1	1	1	1	2	-	(*)	(*)	.01	-	-	(*)	(*)
FACE, NEC-----	-	-	-	1	1	1	5	6	-	(*)	(*)	.02	-	-	(*)	(*)
HEAD, NEC-----	-	-	-	8	8	8	14	22	-	.03	.03	.05	-	-	-	-
NECK-----	-	-	-	4	4	4	2	6	-	.01	.01	.01	-	-	(*)	(*)
UPPER ARM-----	-	-	-	6	6	6	1	7	-	.02	.02	(*)	-	-	(*)	(*)
ELBOW-----	-	-	-	8	8	8	5	13	-	.03	.03	.02	-	-	(*)	(*)
FOREARM-----	-	-	-	-	-	-	5	5	-	-	-	.02	-	-	-	-
WRIST-----	-	-	-	11	11	11	1	12	-	.04	.04	(*)	-	-	2	2
HAND-----	-	-	-	15	15	15	23	38	-	.05	.05	.08	-	-	1	1
FINGER(S)-----	-	-	3	42	45	45	59	104	-	.16	.16	.21	-	-	6	6
UPPER EXTREMITIES, NEC-----	1	-	-	12	12	13	3	16	(*)	.04	.05	.01	-	-	3	24
ABDOMEN-----	-	-	-	2	2	2	-	2	-	.01	.01	-	-	-	-	(*)
BACK-----	-	-	-	69	69	69	9	78	-	.25	.25	.03	-	-	11	11
CHEST-----	1	-	-	9	9	10	2	12	(*)	.03	.04	.01	-	-	2	22
PELVIC REGION-----	-	-	1	10	11	11	1	12	-	.04	.04	(*)	-	-	2	2
SHOULDER(S)-----	-	-	-	38	38	38	8	46	-	.14	.14	.03	-	-	7	7
TRUNK, NEC-----	-	-	-	6	6	6	2	8	-	.02	.02	.01	-	-	1	1
THIGH-----	-	-	-	7	7	7	5	12	-	.03	.03	.02	-	-	(*)	(*)
KNEE-----	-	-	-	30	30	30	9	39	-	.11	.11	.03	-	-	5	5
LOWER LEG-----	-	-	-	9	9	9	3	12	-	.03	.03	.01	-	-	3	3
ANKLE-----	-	-	-	21	21	21	5	26	-	.08	.08	.02	-	-	3	3
FOOT-----	-	-	-	10	10	10	3	13	-	.04	.04	.01	-	-	1	1
TOE(S)-----	-	-	-	4	4	4	-	4	-	.01	.01	-	-	-	1	1
LOWER EXTREMITIES, NEC-----	-	-	-	8	8	8	1	9	-	.03	.03	(*)	-	-	(*)	(*)
BODY SYSTEMS-----	1	-	-	2	2	3	5	8	(*)	.01	.01	.02	-	-	2	22
MULTIPLE PARTS OF BODY-----	-	-	-	29	29	29	4	33	-	.11	.11	.01	-	-	10	10
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	-	-	1	1
TOTAL OR AVERAGE-----	3	-	4	374	378	381	212	593	.01	1.37	1.38	.77	2.15	65	60	126

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, 2009

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	22	28	-	-	-	29	29	29	-	5	5
JAW-----	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	-	1	-	-	-	84	84	84	-	84	84
NOSE-----	-	-	-	2	2	2	1	3	-	-	-	28	28	28	-	14	14
SCALP-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
FACE, NEC-----	-	-	-	1	1	1	3	4	-	-	-	2	2	2	-	2	2
HEAD, NEC-----	-	-	-	5	5	5	11	16	-	-	-	94	94	94	-	19	19
NECK-----	-	-	-	2	2	2	1	3	-	-	-	4	4	4	-	2	2
UPPER ARM-----	-	-	-	6	6	6	-	6	-	-	-	407	407	407	-	68	68
ELBOW-----	-	-	-	7	7	7	5	12	-	-	-	102	102	102	-	15	15
FOREARM-----	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
WRIST-----	-	-	-	8	8	8	1	9	-	-	-	300	300	300	-	38	38
HAND-----	-	-	-	12	12	12	16	28	-	-	-	170	170	170	-	14	14
FINGER(S)-----	-	-	3	29	32	32	48	80	-	-	445	909	1,354	1,354	148	31	42
UPPER EXTREMITIES, NEC-----	-	-	-	9	9	9	3	12	-	-	-	603	603	603	-	67	67
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
BACK-----	-	-	-	58	58	58	8	66	-	-	-	2,213	2,213	2,213	-	38	38
CHEST-----	1	-	-	8	8	9	2	11	6,000	-	-	74	74	6,074	-	9	675
PELVIC REGION-----	-	1	-	6	7	7	1	8	-	-	50	359	409	409	50	60	58
SHOULDER(S)-----	-	-	-	26	26	26	7	33	-	-	-	1,180	1,180	1,180	-	45	45
TRUNK, NEC-----	-	-	-	5	5	5	2	7	-	-	-	160	160	160	-	32	32
THIGH-----	-	-	-	6	6	6	3	9	-	-	-	49	49	49	-	8	8
KNEE-----	-	-	-	24	24	24	8	32	-	-	-	1,028	1,028	1,028	-	43	43
LOWER LEG-----	-	-	-	7	7	7	3	10	-	-	-	639	639	639	-	91	91
ANKLE-----	-	-	-	19	19	19	3	22	-	-	-	844	844	844	-	44	44
FOOT-----	-	-	-	7	7	7	2	9	-	-	-	111	111	111	-	16	16
TOE(S)-----	-	-	-	3	3	3	-	3	-	-	-	195	195	195	-	65	65
LOWER EXTREMITIES, NEC-----	-	-	-	6	6	6	-	6	-	-	-	63	63	63	-	10	7
BODY SYSTEMS-----	-	-	-	2	2	2	4	6	-	-	-	14	14	14	-	7	7
MULTIPLE PARTS OF BODY-----	-	-	-	23	23	23	4	27	-	-	-	2,352	2,352	2,352	-	102	102
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	-	-	273	273	273	-	273	273
TOTAL OR AVERAGE-----	1	-	4	291	295	296	164	460	6,000	-	495	12,317	12,812	18,812	124	42	64

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, 2009 (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-----	-	-	-	2	2	2	7	9	-	-	3	3	3	-	2	2	
JAW-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	
FACE, NEC-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	
HEAD, NEC-----	-	-	-	2	2	2	3	5	-	-	3	3	3	-	2	2	
NECK-----	-	-	-	2	2	2	1	3	-	-	14	14	14	-	7	7	
UPPER ARM-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
ELBOW-----	-	-	-	1	1	1	-	1	-	-	6	6	6	-	6	6	
WRIST-----	-	-	-	3	3	3	-	3	-	-	154	154	154	-	51	51	
HAND-----	-	-	-	3	3	3	7	10	-	-	64	64	64	-	21	21	
FINGER(S)-----	-	-	-	12	12	12	-	23	-	-	236	236	236	-	20	20	
UPPER EXTREMITIES, NEC-----	1	-	-	3	3	4	11	4	6,000	-	157	157	6,157	-	52	1,539	
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	34	34	34	-	34	34	
BACK-----	-	-	-	10	10	10	1	11	-	-	671	671	671	-	67	67	
CHEST-----	-	-	-	1	1	1	-	1	-	-	36	36	36	-	36	36	
PELVIC REGION-----	-	-	-	3	3	3	-	3	-	-	74	74	74	-	25	25	
SHOULDER(S)-----	-	-	-	12	12	12	1	13	-	-	671	671	671	-	56	56	
TRUNK, NEC-----	-	-	-	1	1	1	-	1	-	-	147	147	147	-	147	147	
THIGH-----	-	-	-	1	1	1	2	3	-	-	31	31	31	-	31	31	
KNEE-----	-	-	-	5	5	5	1	6	-	-	423	423	423	-	85	85	
LOWER LEG-----	-	-	-	2	2	2	-	2	-	-	211	211	211	-	106	106	
ANKLE-----	-	-	-	2	2	2	2	4	-	-	8	8	8	-	4	4	
FOOT-----	-	-	-	3	3	3	1	4	-	-	90	90	90	-	30	30	
TOE(S)-----	-	-	-	1	1	1	-	1	-	-	120	120	120	-	120	120	
LOWER EXTREMITIES, NEC-----	-	-	-	2	2	2	1	3	-	-	12	12	12	-	6	6	
BODY SYSTEMS-----	1	-	-	-	-	-	1	2	6,000	-	-	-	6,000	-	-	6,000	
MULTIPLE PARTS OF BODY-----	-	-	-	4	4	4	-	4	-	-	445	445	445	-	111	111	
TOTAL OR AVERAGE-----	2	-	-	76	76	78	47	125	12,000	-	3,610	3,610	15,610	-	48	200	

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, 2009 (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-----	-	-	-	8	8	29	37	-	-	-	32	32	32	-	4	4	-
JAW-----	-	-	-	1	1	2	2	-	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	3	-	-	-	84	84	84	-	84	84	-
NOSE-----	-	-	-	2	2	1	2	-	-	-	28	28	28	-	14	14	-
SCALP-----	-	-	-	1	1	1	1	-	-	-	1	1	1	-	1	1	-
FACE, NEC-----	-	-	-	1	1	1	5	-	-	-	2	2	2	-	2	2	-
HEAD, NEC-----	-	-	-	7	7	7	14	-	-	-	97	97	97	-	14	14	-
NECK-----	-	-	-	4	4	4	2	-	-	-	18	18	18	-	4	4	-
UPPER ARM-----	-	-	-	6	6	6	6	-	-	-	407	407	407	-	68	68	-
ELBOW-----	-	-	-	8	8	8	5	-	-	-	108	108	108	-	14	14	-
FOREARM-----	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-
WRIST-----	-	-	-	11	11	11	12	-	-	-	454	454	454	-	41	41	-
HAND-----	-	-	-	15	15	15	23	-	-	-	234	234	234	-	16	16	-
FINGER(S)-----	-	-	3	41	44	44	59	-	-	445	1,145	1,590	1,590	148	28	36	-
UPPER EXTREMITIES, NEC-----	1	-	-	12	12	13	3	6,000	-	-	760	760	6,760	-	63	520	-
ABDOMEN-----	-	-	-	2	2	2	2	-	-	-	64	64	64	-	32	32	-
BACK-----	-	-	-	68	68	68	9	-	-	-	2,884	2,884	2,884	-	42	42	-
CHEST-----	1	-	-	9	9	10	2	6,000	-	-	110	110	6,110	-	12	611	-
PELVIC REGION-----	-	-	1	9	10	10	11	-	-	50	433	483	483	50	48	48	-
SHOULDER(S)-----	-	-	-	38	38	38	8	-	-	-	1,851	1,851	1,851	-	49	49	-
TRUNK, NEC-----	-	-	-	6	6	6	2	-	-	-	307	307	307	-	51	51	-
THIGH-----	-	-	-	7	7	7	5	-	-	-	80	80	80	-	11	11	-
KNEE-----	-	-	-	29	29	29	9	-	-	-	1,451	1,451	1,451	-	50	50	-
LOWER LEG-----	-	-	-	9	9	9	3	-	-	-	850	850	850	-	94	94	-
ANKLE-----	-	-	-	21	21	21	5	-	-	-	852	852	852	-	41	41	-
FOOT-----	-	-	-	10	10	10	3	-	-	-	201	201	201	-	20	20	-
TOE(S)-----	-	-	-	4	4	4	4	-	-	-	315	315	315	-	79	79	-
LOWER EXTREMITIES, NEC-----	-	-	-	8	8	8	1	-	-	-	75	75	75	-	9	9	-
BODY SYSTEMS-----	1	-	-	2	2	3	5	6,000	-	-	14	14	6,014	-	7	2,005	-
MULTIPLE PARTS OF BODY-----	-	-	-	27	27	27	4	-	-	-	2,797	2,797	2,797	-	104	104	-
UNCLASSIFIED-----	-	-	-	1	1	1	-	-	-	-	273	273	273	-	273	273	-
TOTAL OR AVERAGE-----	3	-	4	367	371	374	211	18,000	-	495	15,927	16,422	34,422	124	43	92	-
OFFICE:																	
HEAD, NEC-----	-	-	-	1	1	1	-	-	-	-	150	150	150	-	150	150	-
FOREARM-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
FINGER(S)-----	-	-	-	1	1	1	-	-	-	-	1	1	1	-	1	1	-
BACK-----	-	-	-	1	1	1	-	-	-	-	45	45	45	-	45	45	-
PELVIC REGION-----	-	-	-	1	1	1	-	-	-	-	3	3	3	-	3	3	-
KNEE-----	-	-	-	1	1	1	-	-	-	-	9	9	9	-	9	9	-
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	-	-	-	-	15	15	15	-	8	8	-
TOTAL OR AVERAGE-----	-	-	-	7	7	7	1	-	-	-	223	223	223	-	32	32	-

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, 2009 (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:																	
EAR-----	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
EYE-----	-	-	-	8	8	29	-	-	-	32	32	32	-	-	4	4	-
JAW-----	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	3	-	-	-	84	84	84	-	-	84	84	-
NOSE-----	-	-	-	2	2	1	-	-	-	28	28	28	-	-	14	14	-
SCALP-----	-	-	-	1	1	1	-	-	-	1	1	1	-	-	1	1	-
FACE, NEC-----	-	-	-	1	1	5	-	-	-	2	2	2	-	-	2	2	-
HEAD, NEC-----	-	-	-	8	8	14	-	-	-	247	247	247	-	-	31	31	-
NECK-----	-	-	-	4	4	2	-	-	-	18	18	18	-	-	4	4	-
UPPER ARM-----	-	-	-	6	6	6	-	-	-	407	407	407	-	-	68	68	-
ELBOW-----	-	-	-	8	8	5	-	-	-	108	108	108	-	-	14	14	-
FOREARM-----	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-
WRIST-----	-	-	-	11	11	1	-	-	-	454	454	454	-	-	41	41	-
HAND-----	-	-	-	15	15	23	-	-	-	234	234	234	-	-	16	16	-
FINGER(S)-----	-	-	3	42	45	59	-	-	445	1,146	1,591	1,591	148	-	27	35	-
UPPER EXTREMITIES, NEC-----	1	-	-	12	12	3	-	6,000	-	760	760	6,760	-	-	63	520	-
ABDOMEN-----	-	-	-	2	2	2	-	-	-	64	64	64	-	-	32	32	-
BACK-----	-	-	-	69	69	9	-	-	-	2,929	2,929	2,929	-	-	42	42	-
CHEST-----	1	-	-	9	9	2	-	6,000	-	110	110	6,110	-	-	12	611	-
PELVIC REGION-----	-	-	1	10	11	1	-	-	-	436	486	486	50	-	44	44	-
SHOULDER(S)-----	-	-	-	38	38	8	-	-	-	1,851	1,851	1,851	-	-	49	49	-
TRUNK, NEC-----	-	-	-	6	6	2	-	-	-	307	307	307	-	-	51	51	-
THIGH-----	-	-	-	7	7	5	-	-	-	80	80	80	-	-	11	11	-
KNEE-----	-	-	-	30	30	9	-	-	-	1,460	1,460	1,460	-	-	49	49	-
LOWER LEG-----	-	-	-	9	9	3	-	-	-	850	850	850	-	-	94	94	-
ANKLE-----	-	-	-	21	21	5	-	-	-	852	852	852	-	-	41	41	-
FOOT-----	-	-	-	10	10	3	-	-	-	201	201	201	-	-	20	20	-
TOE(S)-----	-	-	-	4	4	4	-	-	-	315	315	315	-	-	79	79	-
LOWER EXTREMITIES, NEC-----	-	-	-	8	8	1	-	-	-	75	75	75	-	-	9	9	-
BODY SYSTEMS-----	1	-	-	2	2	3	-	6,000	-	14	14	6,014	-	-	7	2,005	-
MULTIPLE PARTS OF BODY-----	-	-	-	29	29	4	-	-	-	2,812	2,812	2,812	-	-	97	97	-
UNCLASSIFIED-----	-	-	-	1	1	-	-	-	-	273	273	273	-	-	273	273	-
TOTAL OR AVERAGE-----	3	-	4	374	378	381	212	593	18,000	-	495	16,150	16,645	34,645	124	43	91

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, 2009

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--	-	-	3	-	3	3	-	3	-	.02	.02	-	.02	-	2	2
BURN/SCALD (NOT CHEM.)--	-	-	-	6	6	6	3	9	-	.03	.03	.02	.05	-	(*)	(*)
CHEMICAL BURN-----	-	-	-	1	1	1	1	2	-	.01	.01	.01	.01	-	(*)	(*)
CONCUSSION (CEREBRAL)---	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE-----	-	-	-	26	26	26	20	46	-	.13	.13	.10	.23	-	3	3
CUT OR PUNCTURE-----	-	-	-	31	31	31	74	105	-	.16	.16	.37	.53	-	4	4
DISLOCATION-----	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
DUST IN EYE-----	-	-	-	1	1	1	8	9	-	.01	.01	.04	.05	-	(*)	(*)
ELECTRIC SHOCK-----	-	-	-	1	1	1	1	2	-	.01	.01	.01	.01	-	(*)	(*)
ELECT. BURN (CONTACT)---	-	-	-	1	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
FRACTURE-----	-	-	-	46	46	46	17	63	-	.23	.23	.09	.32	-	19	19
HERNIA (NOT DI SC)-----	-	-	1	-	1	1	-	1	-	.01	.01	-	.01	-	(*)	(*)
POISONING (SYSTEMIC)---	-	-	-	1	1	1	3	4	-	.01	.01	.02	.02	-	(*)	(*)
RADIATION/ULTRA VIOLET--	-	-	-	3	3	3	2	5	-	.02	.02	.01	.03	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	2	2	2	3	5	-	.01	.01	.02	.03	-	(*)	(*)
STRAIN/SPRAIN-----	-	-	-	124	124	124	25	149	-	.63	.63	.13	.75	-	23	23
MULTIPLE INJURIES-----	1	-	-	13	13	14	2	16	.01	.07	.07	.01	.08	30	2	32
OTHER INJURY, NEC-----	-	-	-	3	3	3	1	4	-	.02	.02	.01	.02	-	(*)	(*)
UNCLASSIFIED (NO DATA)--	-	-	-	28	28	28	4	32	-	.14	.14	.02	.16	-	11	11
TOTAL OR AVERAGE-----	1	-	4	291	295	296	164	460	.01	1.49	1.49	.83	2.32	30	65	95
DREDGE:																
AMPUTATION/ENUCLEATION--	1	-	-	-	-	1	-	1	.03	-	.03	-	.03	156	-	156
BURN/SCALD (NOT CHEM.)--	-	-	-	1	1	1	2	3	-	.03	.03	.05	.08	-	(*)	(*)
CONCUSSION (CEREBRAL)---	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
CONTUSION OR BRUISE-----	-	-	-	8	8	8	1	9	-	.21	.21	.03	.23	-	3	3
CUT OR PUNCTURE-----	-	-	-	10	10	10	29	39	-	.26	.26	.76	1.02	-	13	13
DISLOCATION-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	3	3
ELECTRIC SHOCK-----	1	-	-	-	-	1	-	1	.03	-	.03	-	.03	156	-	156
FRACTURE-----	-	-	-	16	16	16	1	17	-	.42	.42	.03	.44	-	22	22
HERNIA (NOT DI SC)-----	-	-	-	2	2	2	-	2	-	.05	.05	-	.05	-	1	1
POISONING (SYSTEMIC)---	-	-	-	-	-	-	1	-	-	-	-	.03	.03	-	-	-
RADIATION/ULTRA VIOLET--	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	1	1	1	3	4	-	.03	.03	.08	.10	-	(*)	(*)
STRAIN/SPRAIN-----	-	-	-	30	30	30	5	35	-	.78	.78	.13	.91	-	46	46
MULTIPLE INJURIES-----	-	-	-	3	3	3	2	5	-	.08	.08	.05	.13	-	1	1
UNCLASSIFIED (NO DATA)--	-	-	-	2	2	2	3	5	-	.05	.05	.08	.13	-	4	4
TOTAL OR AVERAGE-----	2	-	-	76	76	78	47	125	.05	1.98	2.03	1.22	3.25	312	94	406

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, 2009 (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:																
AMPUTATION/ENUCLEATION-----	1	-	3	-	3	4	-	4	(*)	.01	.02	-	.02	25	2	27
BURN/SCALD (NOT CHEM.)-----	-	-	-	7	7	7	5	12	-	.03	.03	.02	.05	-	(*)	(*)
CHEMICAL BURN-----	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	.01	-	(*)	(*)
CONCUSSION (CEREBRAL)-----	-	-	-	3	3	3	-	3	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE-----	-	-	-	34	34	34	21	55	-	.14	.14	.09	.23	-	3	3
CUT OR PUNCTURE-----	-	-	-	41	41	41	103	144	-	.17	.17	.44	.61	-	6	6
DISLOCATION-----	-	-	-	3	3	3	-	3	-	.01	.01	-	.01	-	(*)	(*)
DUST IN EYE-----	-	-	-	1	1	1	8	9	-	(*)	(*)	.03	.04	-	(*)	(*)
ELECTRIC SHOCK-----	1	-	-	1	1	2	1	3	(*)	(*)	.01	(*)	.01	25	(*)	25
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
FRACTURE-----	-	-	-	62	62	62	18	80	-	.26	.26	.08	.34	-	19	19
HERNIA (NOT DISC)-----	-	-	1	2	3	3	-	3	-	.01	.01	-	.01	-	(*)	(*)
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	4	5	-	(*)	(*)	.02	.02	-	(*)	(*)
RADIATION/ULTRA VIOLET-----	-	-	-	4	4	4	2	6	-	.02	.02	.01	.03	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	3	3	3	6	9	-	.01	.01	.03	.04	-	(*)	(*)
STRAIN/SPRAIN-----	-	-	-	154	154	154	30	184	-	.65	.65	.13	.78	-	27	27
MULTIPLE INJURIES-----	1	-	-	16	16	17	4	21	(*)	.07	.07	.02	.09	25	2	27
OTHER INJURY, NEC-----	-	-	-	3	3	3	1	4	-	.01	.01	(*)	.02	-	(*)	(*)
UNCLASSIFIED (NO DATA)-----	-	-	-	30	30	30	7	37	-	.13	.13	.03	.16	-	10	10
TOTAL OR AVERAGE-----	3	-	4	367	371	374	211	585	.01	1.57	1.58	.89	2.47	76	69	146
OFFICE:																
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	.03	.03	.03	.05	-	4	4
FRACTURE-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	.08	.08	-	.08	-	1	1
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	.03	.03	-	.03	-	(*)	(*)
TOTAL OR AVERAGE-----	-	-	-	7	7	7	1	8	-	.18	.18	.03	.20	-	6	6
GRAND TOTAL OR AVERAGE:																
AMPUTATION/ENUCLEATION-----	1	-	3	-	3	4	-	4	(*)	.01	.01	-	.01	22	2	23
BURN/SCALD (NOT CHEM.)-----	-	-	-	7	7	7	5	12	-	.03	.03	.02	.04	-	(*)	(*)
CHEMICAL BURN-----	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	.01	-	(*)	(*)
CONCUSSION (CEREBRAL)-----	-	-	-	3	3	3	-	3	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE-----	-	-	-	34	34	34	21	55	-	.12	.12	.08	.20	-	2	2
CUT OR PUNCTURE-----	-	-	-	42	42	42	104	146	-	.15	.15	.38	.53	-	5	5
DISLOCATION-----	-	-	-	3	3	3	-	3	-	.01	.01	-	.01	-	(*)	(*)
DUST IN EYE-----	-	-	-	1	1	1	8	9	-	(*)	(*)	.03	.03	-	(*)	(*)
ELECTRIC SHOCK-----	1	-	-	1	1	2	1	3	(*)	(*)	.01	(*)	.01	22	(*)	22
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
FRACTURE-----	-	-	-	63	63	63	18	81	-	.23	.23	.07	.29	-	16	16
HERNIA (NOT DISC)-----	-	-	1	2	3	3	-	3	-	.01	.01	-	.01	-	(*)	(*)
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	4	5	-	(*)	(*)	.01	.02	-	(*)	(*)
RADIATION/ULTRA VIOLET-----	-	-	-	4	4	4	2	6	-	.01	.01	.01	.02	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	3	3	3	6	9	-	.01	.01	.02	.03	-	(*)	(*)
STRAIN/SPRAIN-----	-	-	-	157	157	157	30	187	-	.57	.57	.11	.68	-	23	23
MULTIPLE INJURIES-----	1	-	-	17	17	18	4	22	(*)	.06	.07	.01	.08	22	1	23
OTHER INJURY, NEC-----	-	-	-	3	3	3	1	4	-	.01	.01	(*)	.01	-	(*)	(*)
UNCLASSIFIED (NO DATA)-----	-	-	-	31	31	31	7	38	-	.11	.11	.03	.14	-	9	9
TOTAL OR AVERAGE-----	3	-	4	374	378	381	212	593	.01	1.37	1.38	.77	2.15	65	60	126

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, 2009

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL					
		TOTAL	PARTIAL													TOTAL
SURFACE MINES:																
OPEN PIT:																
AMPUTATION/ENUCLEATION	-	-	3	-	3	3	-	-	445	-	445	445	148	-	148	
BURN/SCALD (NOT CHEM.)	-	-	-	6	6	6	3	-	-	27	27	27	-	4	4	
CHEMICAL BURN	-	-	-	1	1	1	1	-	-	3	3	3	-	3	3	
CONCUSSION (CEREBRAL)	-	-	-	2	2	2	-	-	-	4	4	4	-	2	2	
CONTUSION OR BRUISE	-	-	-	26	26	26	20	-	-	517	517	517	-	20	20	
CUT OR PUNCTURE	-	-	-	31	31	31	74	-	-	824	824	824	-	27	27	
DISLOCATION	-	-	-	2	2	2	-	-	-	20	20	20	-	10	10	
DUST IN EYE	-	-	-	1	1	1	8	-	-	2	2	2	-	2	2	
ELECTRIC SHOCK	-	-	-	1	1	1	1	-	-	12	12	12	-	12	12	
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	-	-	37	37	37	-	37	37	
FRACTURE	-	-	-	46	46	46	17	-	-	3,683	3,683	3,683	-	80	80	
HERNIA (NOT DISC)	-	1	-	-	1	1	-	-	50	-	50	50	50	-	50	
POISONING (SYSTEMIC)	-	-	-	1	1	1	3	-	-	2	2	2	-	2	2	
RADIATION/ULTRAVIOLET	-	-	-	3	3	3	2	-	-	32	32	32	-	11	11	
SCRATCH/ABRASION	-	-	-	2	2	2	3	-	-	6	6	6	-	3	3	
STRAIN/SPRAIN	-	-	-	124	124	124	25	-	-	4,589	4,589	4,589	-	37	37	
MULTIPLE INJURIES	1	-	-	13	13	14	2	6,000	-	303	303	6,303	-	23	450	
OTHER INJURY, NEC	-	-	-	3	3	3	1	-	-	58	58	58	-	19	19	
UNCLASSIFIED (NO DATA)	-	-	-	28	28	28	4	-	-	2,198	2,198	2,198	-	78	78	
TOTAL OR AVERAGE	1	-	4	291	295	296	164	6,000	-	495	12,317	12,812	18,812	124	42	64
DREDGE:																
AMPUTATION/ENUCLEATION	1	-	-	-	-	1	-	6,000	-	-	-	6,000	-	-	6,000	
BURN/SCALD (NOT CHEM.)	-	-	-	1	1	1	2	-	-	9	9	9	-	9	9	
CONCUSSION (CEREBRAL)	-	-	-	1	1	1	-	-	-	1	1	1	-	1	1	
CONTUSION OR BRUISE	-	-	-	8	8	8	1	-	-	127	127	127	-	16	16	
CUT OR PUNCTURE	-	-	-	10	10	10	29	-	-	506	506	506	-	51	51	
DISLOCATION	-	-	-	1	1	1	-	-	-	97	97	97	-	97	97	
ELECTRIC SHOCK	1	-	-	-	-	1	-	6,000	-	-	-	6,000	-	-	6,000	
FRACTURE	-	-	-	16	16	16	1	-	-	850	850	850	-	53	53	
HERNIA (NOT DISC)	-	-	-	2	2	2	-	-	-	31	31	31	-	16	16	
POISONING (SYSTEMIC)	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
RADIATION/ULTRAVIOLET	-	-	-	1	1	1	-	-	-	1	1	1	-	1	1	
SCRATCH/ABRASION	-	-	-	1	1	1	3	-	-	2	2	2	-	2	2	
STRAIN/SPRAIN	-	-	-	30	30	30	5	-	-	1,765	1,765	1,765	-	59	59	
MULTIPLE INJURIES	-	-	-	3	3	3	2	-	-	52	52	52	-	17	17	
UNCLASSIFIED (NO DATA)	-	-	-	2	2	2	3	-	-	169	169	169	-	84	84	
TOTAL OR AVERAGE	2	-	-	76	76	78	47	12,000	-	-	3,610	3,610	15,610	-	48	200

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, 2009 (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-----	1	-	3	-	3	4	-	4	6,000	-	445	-	445	6,445	148	-	1,611
BURN/SCALD (NOT CHEM.)-----	-	-	-	7	7	7	5	12	-	-	-	36	36	-	5	5	3
CHEMICAL BURN-----	-	-	-	1	1	1	1	2	-	-	-	3	3	-	3	3	3
CONCUSSION (CEREBRAL)-----	-	-	-	3	3	3	-	3	-	-	-	5	5	-	2	2	2
CONTUSION OR BRUISE-----	-	-	-	34	34	34	21	55	-	-	644	644	644	-	19	19	19
CUT OR PUNCTURE-----	-	-	-	41	41	41	103	144	-	-	1,330	1,330	1,330	-	32	32	32
DISLOCATION-----	-	-	-	3	3	3	-	3	-	-	117	117	117	-	39	39	39
DUST IN EYE-----	-	-	-	1	1	1	8	9	-	-	-	-	-	-	2	2	2
ELECTRIC SHOCK-----	1	-	-	1	1	2	1	3	6,000	-	-	12	12	6,012	-	12	3,006
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	-	37	37	-	37	37	37
FRACTURE-----	-	-	-	62	62	62	18	80	-	-	4,533	4,533	4,533	-	73	73	73
HERNIA (NOT DISC)-----	-	1	-	2	3	3	-	3	-	50	31	81	81	50	16	27	27
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	4	5	-	-	-	-	-	-	2	2	2
RADIATION/ULTRA VIOLET-----	-	-	-	4	4	4	2	6	-	-	-	-	-	-	33	33	33
SCRATCH/ABRASION-----	-	-	-	3	3	3	6	9	-	-	-	-	-	-	8	8	8
STRAIN/SPRAIN-----	-	-	-	154	154	154	30	184	-	-	6,354	6,354	6,354	-	41	41	41
MULTIPLE INJURIES-----	1	-	-	16	16	17	4	21	6,000	-	-	355	355	-	22	374	374
OTHER INJURY, NEC-----	-	-	-	3	3	3	1	4	-	-	-	58	58	-	19	19	19
UNCLASSIFIED (NO DATA)-----	-	-	-	30	30	30	7	37	-	-	-	2,367	2,367	-	79	79	79
TOTAL OR AVERAGE-----	3	-	4	367	371	374	211	585	18,000	-	495	15,927	16,422	34,422	124	43	92
OFFICE:																	
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	150	150	150	-	150	150
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	-	1	1	1
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	57	57	57	-	19	19
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	5	5	-	5	5	5
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	10	10	-	10	10	10
TOTAL OR AVERAGE-----	-	-	-	7	7	7	1	8	-	-	-	223	223	223	-	32	32
GRAND TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION-----	1	-	3	-	3	4	-	4	6,000	-	445	-	445	6,445	148	-	1,611
BURN/SCALD (NOT CHEM.)-----	-	-	-	7	7	7	5	12	-	-	-	36	36	-	5	5	3
CHEMICAL BURN-----	-	-	-	1	1	1	1	2	-	-	-	3	3	-	3	3	3
CONCUSSION (CEREBRAL)-----	-	-	-	3	3	3	-	3	-	-	-	5	5	-	2	2	2
CONTUSION OR BRUISE-----	-	-	-	34	34	34	21	55	-	-	644	644	644	-	19	19	19
CUT OR PUNCTURE-----	-	-	-	42	42	42	104	146	-	-	1,480	1,480	1,480	-	35	35	35
DISLOCATION-----	-	-	-	3	3	3	-	3	-	-	117	117	117	-	39	39	39
DUST IN EYE-----	-	-	-	1	1	1	8	9	-	-	-	-	-	-	2	2	2
ELECTRIC SHOCK-----	1	-	-	1	1	2	1	3	6,000	-	-	12	12	6,012	-	12	3,006
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	-	37	37	-	37	37	37
FRACTURE-----	-	-	-	63	63	63	18	81	-	-	4,534	4,534	4,534	-	72	72	72
HERNIA (NOT DISC)-----	-	1	-	2	3	3	-	3	-	50	31	81	81	50	16	27	27
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	4	5	-	-	-	-	-	-	2	2	2
RADIATION/ULTRA VIOLET-----	-	-	-	4	4	4	2	6	-	-	-	-	-	-	33	33	33
SCRATCH/ABRASION-----	-	-	-	3	3	3	6	9	-	-	-	-	-	-	8	8	8
STRAIN/SPRAIN-----	-	-	-	157	157	157	30	187	-	-	6,411	6,411	6,411	-	41	41	41
MULTIPLE INJURIES-----	1	-	-	17	17	18	4	22	6,000	-	-	360	360	6,360	-	21	353
OTHER INJURY, NEC-----	-	-	-	3	3	3	1	4	-	-	-	58	58	-	19	19	19
UNCLASSIFIED (NO DATA)-----	-	-	-	31	31	31	7	38	-	-	-	2,377	2,377	-	77	77	77
TOTAL OR AVERAGE-----	3	-	4	374	378	381	212	593	18,000	-	495	16,150	16,645	34,645	124	43	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, 2009

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:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
EYE:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	-	-	-	12	12	-	-	-	-	-	-	-	-	-
DUST IN EYE-----	-	-	-	1	1	1	8	9	-	-	-	2	2	2	-	2	2
RADIATION/ULTRA VIOLET----	-	-	-	3	3	3	1	4	-	-	-	3	3	3	-	1	1
SCRATCH/ABRASION-----	-	-	-	3	3	3	6	9	-	-	-	8	8	8	-	3	3
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19
TOTAL OR AVERAGE-----	-	-	-	8	8	8	29	37	-	-	-	32	32	32	-	4	4
JAW:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	1	2	-	-	-	84	84	84	-	84	84
UNCLASSIFIED (NO DATA)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	-	84	84	84	-	84	84
NOSE:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	28	28	28	-	14	14
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	28	28	28	-	14	14
SCALP:																	
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
FACE, NEC:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CUT OR PUNCTURE-----	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	5	6	-	-	-	2	2	2	-	2	2

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, 2009 (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:																	
CONCUSSION (CEREBRAL)-----	-	-	-	3	3	3	-	3	-	-	-	5	5	5	-	2	2
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	4	4	4	12	16	-	-	-	160	160	160	-	40	40
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	8	8	8	14	22	-	-	-	247	247	247	-	31	31
NECK:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	4	4	4	-	4	-	-	-	18	18	18	-	4	4
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	4	4	4	2	6	-	-	-	18	18	18	-	4	4
UPPER ARM:																	
STRAIN/SPRAIN-----	-	-	-	5	5	5	1	6	-	-	-	392	392	392	-	78	78
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
TOTAL OR AVERAGE-----	-	-	-	6	6	6	1	7	-	-	-	407	407	407	-	68	68
ELBOW:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	2	3	-	-	-	18	18	18	-	18	18
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	11	11	11	-	11	11
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	23	23	23	-	23	23
STRAIN/SPRAIN-----	-	-	-	5	5	5	2	7	-	-	-	56	56	56	-	11	11
TOTAL OR AVERAGE-----	-	-	-	8	8	8	5	13	-	-	-	108	108	108	-	14	14
FOREARM:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
WRIST:																	
CUT OR PUNCTURE-----	-	-	-	2	2	2	1	3	-	-	-	128	128	128	-	64	64
FRACTURE-----	-	-	-	5	5	5	-	5	-	-	-	225	225	225	-	45	45
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	86	86	86	-	86	86
TOTAL OR AVERAGE-----	-	-	-	11	11	11	1	12	-	-	-	454	454	454	-	41	41

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, 2009 (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						
HAND:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	3	3	3	1	4	-	-	-	20	20	20	-	7	7
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	-	-	-	19	19	19	-	19	19
CUT OR PUNCTURE-----	-	-	-	7	7	7	16	23	-	-	-	68	68	68	-	10	10
FRACTURE-----	-	-	-	2	2	2	4	6	-	-	-	96	96	96	-	48	48
RADIATION/ULTRA VIOLET-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE-----	-	-	-	15	15	15	23	38	-	-	-	234	234	234	-	16	16
FINGER(S):																	
AMPUTATION/ENUCLEATION----	-	-	3	-	3	3	-	3	-	-	445	-	445	445	148	-	148
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CONTUSION OR BRUISE-----	-	-	-	8	8	8	9	17	-	-	-	247	247	247	-	31	31
CUT OR PUNCTURE-----	-	-	-	13	13	13	36	49	-	-	-	216	216	216	-	17	17
FRACTURE-----	-	-	-	12	12	12	12	24	-	-	-	274	274	274	-	23	23
STRAIN/SPRAIN-----	-	-	-	2	2	2	2	4	-	-	-	268	268	268	-	134	134
MULTIPLE INJURIES-----	-	-	-	2	2	2	-	2	-	-	-	9	9	9	-	4	4
OTHER INJURY, NEC-----	-	-	-	2	2	2	-	1	-	-	-	1	1	1	-	1	1
UNCLASSIFIED (NO DATA)----	-	-	-	3	3	3	-	3	-	-	-	129	129	129	-	43	43
TOTAL OR AVERAGE-----	-	-	3	42	45	45	59	104	-	-	445	1,146	1,591	1,591	148	27	35
UPPER EXTREMITIES, NEC:																	
AMPUTATION/ENUCLEATION----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	-	-	-	29	29	29	-	29	29
CUT OR PUNCTURE-----	-	-	-	4	4	4	-	4	-	-	-	180	180	180	-	45	45
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	-	37	37	37	-	37	37
FRACTURE-----	-	-	-	5	5	5	-	5	-	-	-	467	467	467	-	93	93
RADIATION/ULTRA VIOLET-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	47	47	47	-	47	47
TOTAL OR AVERAGE-----	1	-	-	12	12	13	3	16	6,000	-	-	760	760	6,760	-	63	520
ABDOMEN:																	
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	34	34	34	-	34	34
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	64	64	64	-	32	32
BACK:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
STRAIN/SPRAIN-----	-	-	-	55	55	55	6	61	-	-	-	2,039	2,039	2,039	-	37	37
MULTIPLE INJURIES-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)----	-	-	-	11	11	11	1	12	-	-	-	857	857	857	-	78	78
TOTAL OR AVERAGE-----	-	-	-	69	69	69	9	78	-	-	-	2,929	2,929	2,929	-	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, 2009 (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						
CHEST:																	
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CONTUSION OR BRUISE-----	-	-	-	3	3	3	2	5	-	-	-	12	12	12	-	4	4
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	26	26	26	-	26	26
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	38	38	38	-	19	19
MULTIPLE INJURIES-----	1	-	-	1	1	2	-	2	6,000	-	-	13	13	6,013	-	13	3,006
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
TOTAL OR AVERAGE-----	1	-	-	9	9	10	2	12	6,000	-	-	110	110	6,110	-	12	611
PELVIC REGION:																	
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	348	348	348	-	116	116
HERNIA (NOT DISC)-----	-	-	1	2	3	3	-	3	-	-	50	31	81	50	16	27	116
STRAIN/SPRAIN-----	-	-	-	4	4	4	1	5	-	-	-	19	19	19	-	5	5
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	38	38	38	-	38	38
TOTAL OR AVERAGE-----	-	-	1	10	11	11	1	12	-	-	50	436	486	486	50	44	44
SHOULDER(S):																	
CONTUSION OR BRUISE-----	-	-	-	3	3	3	1	4	-	-	-	47	47	47	-	16	16
DISLOCATION-----	-	-	-	2	2	2	-	2	-	-	-	101	101	101	-	50	50
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	122	122	122	-	61	61
STRAIN/SPRAIN-----	-	-	-	29	29	29	7	36	-	-	-	1,528	1,528	1,528	-	53	53
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	-	2	-	-	-	53	53	53	-	26	26
TOTAL OR AVERAGE-----	-	-	-	38	38	38	8	46	-	-	-	1,851	1,851	1,851	-	49	49
TRUNK, NEC:																	
CONTUSION OR BRUISE-----	-	-	-	4	4	4	1	5	-	-	-	121	121	121	-	30	30
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	39	39	39	-	39	39
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	147	147	147	-	147	147
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	6	6	6	2	8	-	-	-	307	307	307	-	51	51
THIGH:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	3	3	3	-	3	-	-	-	69	69	69	-	23	23
CUT OR PUNCTURE-----	-	-	-	3	3	3	4	7	-	-	-	9	9	9	-	3	3
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE-----	-	-	-	7	7	7	5	12	-	-	-	80	80	80	-	11	11

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, 2009 (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						
KNEE:																	
CONTUSION OR BRUISE-----	-	-	-	3	3	3	1	4	-	-	-	11	11	11	-	4	4
CUT OR PUNCTURE-----	-	-	-	2	2	2	1	3	-	-	-	266	266	266	-	133	133
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	22	22	22	5	27	-	-	-	1,047	1,047	1,047	-	48	48
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	1	3	-	-	-	120	120	120	-	60	60
TOTAL OR AVERAGE-----	-	-	-	30	30	30	9	39	-	-	-	1,460	1,460	1,460	-	49	49
LOWER LEG:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	5	5	5	-	5	-	-	-	680	680	680	-	136	136
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	161	161	161	-	54	54
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	9	9	9	3	12	-	-	-	850	850	850	-	94	94
ANKLE:																	
FRACTURE-----	-	-	-	5	5	5	-	5	-	-	-	555	555	555	-	111	111
STRAIN/SPRAIN-----	-	-	-	16	16	16	4	20	-	-	-	297	297	297	-	19	19
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	21	21	21	5	26	-	-	-	852	852	852	-	41	41
FOOT:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	-	-	-	8	8	8	-	8	8
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	8	8	8	-	8	-	-	-	190	190	190	-	24	24
TOTAL OR AVERAGE-----	-	-	-	10	10	10	3	13	-	-	-	201	201	201	-	20	20
TOE(S):																	
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	276	276	276	-	92	92
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	39	39	39	-	39	39
TOTAL OR AVERAGE-----	-	-	-	4	4	4	-	4	-	-	-	315	315	315	-	79	79
LOWER EXTREMITIES, NEC:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	15	15	15	-	8	8
CUT OR PUNCTURE-----	-	-	-	2	2	2	-	2	-	-	-	15	15	15	-	8	8
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	16	16	16	-	8	8
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
TOTAL OR AVERAGE-----	-	-	-	8	8	8	1	9	-	-	-	75	75	75	-	9	9

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, 2009 (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							
BODY SYSTEMS:																		
ELECTRIC SHOCK-----	1	-	-	1	1	2	1	3	6,000	-	-	12	12	6,012	-	12	3,006	
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	4	5	-	-	-	2	2	2	-	2	2	
TOTAL OR AVERAGE-----	1	-	-	2	2	3	5	8	6,000	-	-	14	14	6,014	-	7	2,005	
MULTIPLE PARTS OF BODY:																		
CONTUSION OR BRUISE-----	-	-	-	3	3	3	1	4	-	-	-	38	38	38	-	13	13	
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	370	370	370	-	370	370	
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	979	979	979	-	326	326	
STRAIN/SPRAIN-----	-	-	-	5	5	5	1	6	-	-	-	373	373	373	-	75	75	
MULTIPLE INJURIES-----	-	-	-	8	8	8	1	9	-	-	-	212	212	212	-	26	26	
UNCLASSIFIED (NO DATA)-----	-	-	-	9	9	9	-	9	-	-	-	840	840	840	-	93	93	
TOTAL OR AVERAGE-----	-	-	-	29	29	29	4	33	-	-	-	2,812	2,812	2,812	-	97	97	
UNCLASSIFIED:																		
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	273	273	273	-	273	273	
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	273	273	273	-	273	273	
TOTAL OR AVERAGE:																		
AMPUTATION/ENUCLEATION-----	1	-	3	-	3	4	-	4	6,000	-	445	-	445	6,445	148	-	1,611	
BURN/SCALD (NOT CHEM.)-----	-	-	-	7	7	7	5	12	-	-	-	36	36	36	-	5	5	
CHEMICAL BURN-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3	
CONCUSSION (CEREBRAL)-----	-	-	-	3	3	3	-	3	-	-	-	5	5	5	-	2	2	
CONTUSION OR BRUISE-----	-	-	-	34	34	34	21	55	-	-	-	644	644	644	-	19	19	
CUT OR PUNCTURE-----	-	-	-	42	42	42	104	146	-	-	-	1,480	1,480	1,480	-	35	35	
DISLOCATION-----	-	-	-	3	3	3	-	3	-	-	-	117	117	117	-	39	39	
DUST IN EYE-----	-	-	-	1	1	1	8	9	-	-	-	2	2	2	-	2	2	
ELECTRIC SHOCK-----	1	-	-	1	1	2	1	3	6,000	-	-	12	12	6,012	-	12	3,006	
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	-	37	37	37	-	37	37	
FRACTURE-----	-	-	-	63	63	63	18	81	-	-	-	4,534	4,534	4,534	-	72	72	
HERNIA (NOT DISC)-----	-	-	1	2	3	3	-	3	-	-	50	31	81	50	16	27		
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	4	5	-	-	-	2	2	2	-	2	2	
RADIATION/ULTRAVIOLET-----	-	-	-	4	4	4	2	6	-	-	-	33	33	33	-	8	8	
SCRATCH/ABRASION-----	-	-	-	3	3	3	6	9	-	-	-	8	8	8	-	3	3	
STRAIN/SPRAIN-----	-	-	-	157	157	157	30	187	-	-	-	6,411	6,411	6,411	-	41	41	
MULTIPLE INJURIES-----	1	-	-	17	17	18	4	22	6,000	-	-	360	360	6,360	-	21	353	
OTHER INJURY, NEC-----	-	-	-	3	3	3	1	4	-	-	-	58	58	58	-	19	19	
UNCLASSIFIED (NO DATA)-----	-	-	-	31	31	31	7	38	-	-	-	2,377	2,377	2,377	-	77	77	
TOTAL OR AVERAGE-----	3	-	4	374	378	381	212	593	18,000	-	495	16,150	16,645	34,645	124	43	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, 2009 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-		
IOWA-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-		
LOUISIANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	2	-	-	-	-		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	2	1	-	-	-	-	-	-	-	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	3	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	1	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	2	1	-	-	-	-	-	-	-	-	-
TOTAL-----	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	30	17	-	5	13	-	-	-	-	-	-		

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2009 (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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1				
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1				
DELAWARE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1				
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3				
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2				
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1				
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3				
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4				
KANSAS-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2				
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1				
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11				
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1				
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1			
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1			
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4			
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8			
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7			
OHIO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3			
OKLAHOMA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	6			
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5			
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2			
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	10			
TOTAL-----	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1	10	7	-	24	6	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1	2	76	47

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2009 (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:-----																																		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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, 2009 (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-----																																				
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PUERTO RICO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	7	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, 2009 (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:																																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2			
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3		
ARIZONA-----	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	15	9		
ARKANSAS-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5		
CALIFORNIA-----	-	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	-	10	3	-	-	-	-	-	-	-	-	-	-	-	-	-	48	16		
COLORADO-----	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	18	18		
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
DELAWARE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	
GEORGIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
INDIANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	
KANSAS-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	13	
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
NEBRASKA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	
NEVADA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	
NEW HAMPSHIRE-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	
NEW MEXICO-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	
NEW YORK-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	
NORTH DAKOTA-----	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
OHIO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	
OKLAHOMA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
PENNSYLVANIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	
PUERTO RICO-----	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
SOUTH DAKOTA-----	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	
TEXAS-----	-	4	-	-	-	-	-	-	-	-	-	-	-	-	1	4	2	-	-	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	15	
UTAH-----	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12	
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
WASHINGTON-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	18	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	13
WYOMING-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	
TOTAL-----	-	43	12	-	-	-	-	-	-	-	-	-	-	-	-	1	40	32	-	108	28	-	5	3	-	2	5	-	16	10	3	378	212					

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, 2009

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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	9	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	96	-	-	38	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	143	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	160	6,000	7	-	-	-	-	-	-	894	-	-	172	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	184	-	-	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	123	-	-	-	-	-
IDaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	82	-	-	-	-	-	-	13	-	-	4	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	467	-	-	42	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-	15	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	127	-	-	58	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-	118	-	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	2	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	47	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	30	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90	-	-	207	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-	110	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	19	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	9	-	-
TOTAL-----	-	44	-	-	-	-	-	160	6,000	102	-	40	-	-	-	-	2,840	-	-	770	-	-

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, 2009 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	22	-	28
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
ARIZONA-----	-	247	-	-	-	-	-	-	-	-	-	61	-	189	-	-	-	-	-	86	-	730
ARKANSAS-----	-	87	-	-	-	-	-	-	-	-	-	-	127	-	-	-	-	-	-	-	-	357
CALIFORNIA-----	-	767	-	-	-	-	-	-	-	-	-	42	-	865	-	-	-	-	215	6,000	3,122	10,000
COLORADO-----	-	233	-	-	-	-	-	-	-	-	-	485	-	486	-	-	-	-	-	-	-	1,226
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	184
GEORGIA-----	-	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	137
IDaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	109	-	-	-	-	-	-	-	109
INDIANA-----	-	7	-	-	-	-	-	-	-	-	-	-	-	122	-	-	-	-	-	-	-	134
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-	-	-	-	-	-	141
KANSAS-----	-	1	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	28
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	59	-	-	-	-	-	-	-	-	-	64
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	4
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	89	-	-	-	-	11	-	-	609
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	80
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-	5	-	-	-	-	-	112
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	2
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	13
NEVADA-----	-	57	-	-	-	-	-	-	-	-	-	2	-	354	-	-	-	-	-	-	-	421
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	20
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-	-	27
NEW MEXICO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	79	-	-	-	-	273	-	-	538
NEW YORK-----	-	8	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	46
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	160
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	20
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	12
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-	-	-	-	27
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78
PENNSYLVANIA-----	-	242	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	300
PUERTO RICO-----	-	183	-	-	-	-	-	-	-	-	-	19	-	294	-	-	-	-	-	-	-	523
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-	-	-	-	-	44
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29
SOUTH DAKOTA-----	-	69	-	-	-	-	-	-	-	-	-	2	-	288	-	-	-	-	-	-	-	363
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
TEXAS-----	-	13	-	-	-	-	-	-	-	-	-	24	-	934	-	-	-	-	-	-	-	1,268
UTAH-----	-	54	-	-	-	-	-	-	-	-	-	141	-	388	-	-	-	-	-	-	-	755
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-	-	-	-	3	-	87
WASHINGTON-----	-	2	-	-	-	-	-	-	-	-	-	190	-	213	-	-	-	-	-	2	-	487
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	1	-	69	-	73	-	-	-	-	-	183
WYOMING-----	-	1	-	-	-	-	-	-	-	-	-	-	-	175	-	-	-	3	-	-	-	191
TOTAL-----	-	1,986	-	-	-	-	-	-	-	-	-	1,122	-	5,051	-	78	-	5	-	614	6,000	12,812

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, 2009 (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:																						
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-	-	-
GEORGIA-----	-	-	-	-	-	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	-	-	-
IOWA-----	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
LOUISIANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	3	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	365	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	196	-	23	-	-
TOTAL-----	6,000	1	-	-	-	41	-	-	-	-	-	-	-	-	-	-	1,118	-	48	-	-	

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, 2009 (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:																						
DELAWARE-----	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	47
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-	-	-	-	-	-	156
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	-	-	-	-	108	6,000	335
KANSAS-----	-	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	53	-	377	-	-	-	-	-	-	-	-	493
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	141	-	-	-	-	-	-	-	-	141
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	130	-	-	-	-	-	-	-	-	130
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	-	32
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	156	26	-	-	-	-	-	-	-	-	220
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	202	361	-	-	-	-	-	-	-	-	928
OHIO-----	-	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	97
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	161	-	-	-	-	-	-	-	-	193
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	4	73	-	-	-	-	-	-	-	-	113
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	145	-	-	-	-	-	-	-	-	152
TEXAS-----	-	-	-	-	-	-	-	-	-	-	6,000	2	196	-	7	-	-	-	-	-	6,000	424
TOTAL-----	-	67	-	-	-	-	-	-	-	-	6,000	423	-	1,797	-	7	-	-	-	108	12,000	3,610

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, 2009 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	9	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96	-	-	38	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	143	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	894	-	-	172	-
CALIFORNIA-----	-	-	-	-	-	-	160	-	6,000	7	-	-	-	-	-	-	-	22	-	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	184	-	-	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	123	-	-	-	-
GEORGIA-----	-	-	-	-	-	41	-	-	-	-	-	-	-	-	-	-	-	45	-	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	186	-	-	4	-
IOWA-----	6,000	-	-	-	-	-	-	-	-	82	-	-	-	-	-	-	-	35	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-	-	-
LOUISIANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	467	-	-	64	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-	15	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	3	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	372	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	127	-	-	58	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	118	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	2	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	47	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	30	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	286	-	-	230	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-	110	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	19	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	9	-
TOTAL-----	6,000	45	-	-	-	41	-	160	6,000	102	-	40	-	-	-	-	-	3,958	-	-	818	-

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, 2009 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	22	-	28	
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
ARIZONA-----	-	247	-	-	-	-	-	-	-	-	-	61	-	189	-	-	-	-	-	86	-	730	
ARKANSAS-----	-	87	-	-	-	-	-	-	-	-	-	-	-	127	-	-	-	-	-	-	-	357	
CALIFORNIA-----	-	767	-	-	-	-	-	-	-	-	-	-	-	42	-	865	-	-	-	215	6,000	3,122	
COLORADO-----	-	233	-	-	-	-	-	-	-	-	-	-	-	485	-	486	-	-	-	-	-	1,226	
DELAWARE-----	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	194	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	
GEORGIA-----	-	14	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	184	
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	109	-	-	-	-	-	-	111	
INDIANA-----	-	7	-	-	-	-	-	-	-	-	-	-	-	-	244	-	-	-	-	-	-	290	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96	-	-	-	-	108	6,000	476	
KANSAS-----	-	27	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	74	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	53	-	377	-	-	-	-	-	-	-	493	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	59	-	-	-	-	-	-	-	-	-	64	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	2	-	143	-	-	-	-	-	-	-	145	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89	-	-	-	-	11	-	631	
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	80	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	29	-	130	-	5	-	-	-	-	-	242	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	34	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	9	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	156	-	39	-	-	-	-	-	-	-	233	
NEVADA-----	-	57	-	-	-	-	-	-	-	-	-	2	-	354	-	-	-	-	-	-	-	421	
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	20	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	222	-	361	-	-	-	-	-	-	-	955	
NEW MEXICO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	79	-	-	-	-	-	273	-	538	
NEW YORK-----	-	8	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	46	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	160	
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	20	
OHIO-----	-	31	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	109	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	188	-	-	-	-	-	-	220	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	
PENNSYLVANIA-----	-	242	-	-	-	-	-	-	-	-	-	5	-	73	-	-	-	-	-	-	-	413	
PUERTO RICO-----	-	183	-	-	-	-	-	-	-	-	-	19	-	294	-	-	-	-	-	-	-	523	
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-	-	-	-	-	44	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	
SOUTH DAKOTA-----	-	69	-	-	-	-	-	-	-	-	-	-	-	2	288	-	-	-	-	-	-	363	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145	-	-	-	-	-	-	187	
TEXAS-----	-	13	-	-	-	-	-	-	-	-	6,000	26	-	1,130	-	7	-	-	-	-	6,000	1,692	
UTAH-----	-	54	-	-	-	-	-	-	-	-	-	141	-	388	-	-	-	-	-	-	-	755	
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-	-	-	3	-	87	
WASHINGTON-----	-	2	-	-	-	-	-	-	-	-	-	-	-	190	-	-	-	-	-	2	-	487	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	69	-	73	-	-	-	-	183	
WYOMING-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	175	-	-	3	-	-	-	191	
TOTAL-----	-	2,053	-	-	-	-	-	-	-	-	-	6,000	1,545	-	6,848	-	85	-	5	-	722	18,000	16,422

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, 2009 (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:																							
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-

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, 2009 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPONDMENT		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:																						
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	10
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	9
PUERTO RICO-----	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	150	-	-	-	-	-	-	-	-	-	150
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	45
TOTAL-----	-	5	-	-	-	-	-	-	-	-	-	150	-	9	-	-	-	-	-	55	-	223

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, 2009 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	9	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96	-	-	-	38	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	143	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	160	6,000	7	-	-	-	-	-	-	894	-	-	-	172	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	184	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-	-	-	-
GEORGIA-----	-	-	-	-	-	41	-	-	-	-	-	-	-	-	-	-	123	-	-	-	-	-
IDaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	-	-
IOWA-----	6,000	-	-	-	-	-	-	-	-	82	-	-	-	-	-	-	186	-	-	-	4	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-
LOUISIANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	467	-	-	-	64	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-	-	15	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	3	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	372	-	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	127	-	-	-	58	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	118	-	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	2	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-	47	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	30	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	286	-	-	-	230	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-	-	110	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	19	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	9	-
TOTAL-----	6,000	45	-	-	-	41	-	160	6,000	102	-	40	-	-	-	-	3,962	-	-	818	-	-

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, 2009 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	22	-	28	
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
ARIZONA-----	-	247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86	-	730	
ARKANSAS-----	-	87	-	-	-	-	-	-	-	-	-	61	-	189	-	-	-	-	-	-	-	357	
CALIFORNIA-----	-	767	-	-	-	-	-	-	-	-	-	-	-	127	-	-	-	-	-	-	-	3,132	
COLORADO-----	-	233	-	-	-	-	-	-	-	-	-	42	-	865	-	-	-	-	225	6,000	3,132	1,229	
DELAWARE-----	-	10	-	-	-	-	-	-	-	-	-	485	-	486	-	-	-	-	-	-	-	194	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	
GEORGIA-----	-	14	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	184	
IDAHOW-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	109	-	-	-	-	-	-	111	
INDIANA-----	-	7	-	-	-	-	-	-	-	-	-	-	-	-	244	-	-	-	-	-	-	290	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96	-	-	-	-	108	6,000	476	
KANSAS-----	-	27	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	74	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	53	-	377	-	-	-	-	-	-	-	493	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	59	-	-	-	-	-	-	-	-	-	64	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	2	-	143	-	-	-	-	-	-	-	145	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	98	-	-	-	-	-	11	-	640	
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	80	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	29	-	130	-	5	-	-	-	-	-	242	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	34	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	9	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	156	-	39	-	-	-	-	-	-	-	233	
NEVADA-----	-	57	-	-	-	-	-	-	-	-	-	2	-	354	-	-	-	-	-	-	-	421	
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	20	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	222	-	361	-	-	-	-	-	-	-	955	
NEW MEXICO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	79	-	-	-	-	-	273	-	538	
NEW YORK-----	-	8	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	46	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	160	
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	20	
OHIO-----	-	31	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	109	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	188	-	-	-	-	-	-	220	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	
PENNSYLVANIA-----	-	242	-	-	-	-	-	-	-	-	-	5	-	73	-	-	-	-	-	-	-	413	
PUERTO RICO-----	-	188	-	-	-	-	-	-	-	-	-	19	-	294	-	-	-	-	-	-	-	528	
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-	-	-	-	-	45	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	
SOUTH DAKOTA-----	-	69	-	-	-	-	-	-	-	-	-	-	-	2	288	-	-	-	-	-	-	363	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	145	-	-	-	-	-	-	-	187	
TEXAS-----	-	13	-	-	-	-	-	-	-	-	6,000	26	-	1,130	-	-	7	-	-	-	6,000	1,692	
UTAH-----	-	54	-	-	-	-	-	-	-	-	-	141	-	388	-	-	-	-	-	-	-	755	
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	150	-	-	-	-	-	-	-	-	-	151	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-	-	-	-	-	-	87	
WASHINGTON-----	-	2	-	-	-	-	-	-	-	-	-	-	-	190	-	-	-	-	-	-	-	487	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	1	69	-	73	-	-	-	45	-	228	
WYOMING-----	-	1	-	-	-	-	-	-	-	-	-	-	-	175	-	-	-	3	-	-	-	191	
TOTAL-----	-	2,058	-	-	-	-	-	-	-	-	-	6,000	1,695	-	6,857	-	85	-	5	-	777	18,000	16,645

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, 2009

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 PERMANENT	PERMANENT						TEMPORARY	TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
BELTMAN/BOOM OPR.-----	-	-	-	2	2	2	-	-	-	162	162	162	-	81	81		
BULLDOZER/MOBILE EQUIP.---	-	-	-	38	38	38	23	61	-	1,188	1,188	1,188	-	31	31		
CAR DUMP/GRIZZLY/SCREEN-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-		
CLEANUP/VENTILATION-----	-	-	-	1	1	1	-	1	-	19	19	19	-	19	19		
DRAG/CRANE/SHOVEL OPR.---	-	-	-	5	5	5	4	9	-	10	10	10	-	2	2		
DREDGE/BARGE/BOAT-----	-	-	-	1	1	1	1	2	-	37	37	37	-	37	37		
ELECTRICIAN-----	-	-	-	2	2	2	1	3	-	101	101	101	-	50	50		
FRONT END LOADER-----	1	-	1	35	36	37	13	50	6,000	270	1,875	2,145	270	54	220		
LABORER-----	-	-	-	48	49	49	28	77	-	50	1,801	1,851	50	38	38		
MECHANIC/MAINTENANCE-----	-	-	1	50	51	51	36	87	-	75	2,304	2,379	75	46	47		
MINER-----	-	-	-	19	19	19	6	25	-	-	663	663	-	35	35		
PREP. PLANT OPR.-----	-	-	-	37	37	37	14	51	-	-	1,332	1,332	-	36	36		
RAIL TRANSP. AND HAUL.---	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-		
SUPERVISOR/FOREMAN-----	-	-	1	26	27	27	22	49	-	100	1,491	1,591	100	57	59		
TECH./PROF./CLERICAL-----	-	-	-	2	2	2	2	4	-	-	16	16	-	8	8		
TRUCK DRIVER-----	-	-	-	18	18	18	8	26	-	-	893	893	-	50	50		
WELDER/MACHINIST-----	-	-	-	6	6	6	4	10	-	-	417	417	-	70	70		
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	-	1	-	-	8	8	-	8	8		
TOTAL OR AVERAGE-----	1	-	4	291	295	296	164	460	6,000	-	495	12,317	12,812	124	42	64	
DREDGE:																	
BULLDOZER/MOBILE EQUIP.---	-	-	-	3	3	3	2	5	-	-	66	66	66	-	22	22	
DRAG/CRANE/SHOVEL OPR.---	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-		
DREDGE/BARGE/BOAT-----	1	-	-	21	21	22	8	30	6,000	-	545	545	6,545	-	26	298	
FRONT END LOADER-----	-	-	-	4	4	4	3	7	-	-	208	208	-	52	52		
LABORER-----	-	-	-	11	11	11	6	17	-	-	342	342	-	31	31		
MECHANIC/MAINTENANCE-----	-	-	-	13	13	13	12	25	-	-	905	905	-	70	70		
MINER-----	-	-	-	4	4	4	4	8	-	-	491	491	-	123	123		
PREP. PLANT OPR.-----	-	-	-	3	3	3	1	4	-	-	158	158	-	53	53		
SUPERVISOR/FOREMAN-----	1	-	-	7	7	8	7	15	6,000	-	411	411	6,411	-	59	801	
TECH./PROF./CLERICAL-----	-	-	-	2	2	2	1	3	-	-	266	266	-	133	133		
TRUCK DRIVER-----	-	-	-	2	2	2	1	3	-	-	32	32	-	16	16		
WELDER/MACHINIST-----	-	-	-	4	4	4	1	5	-	-	29	29	-	7	7		
N. E. C. OR UNKNOWN-----	-	-	-	2	2	2	-	2	-	-	157	157	-	78	78		
TOTAL OR AVERAGE-----	2	-	-	76	76	78	47	125	12,000	-	-	3,610	3,610	-	48	200	

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, 2009 (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					PERMANENT	TEMPORARY	TOTAL NFDL							
		TOTAL	PARTIAL													TOTAL	PARTIAL	
TOTAL OR AVERAGE, MINING:																		
BELTMAN/BOOM OPR.-----	-	-	-	2	2	2	-	2	-	-	-	162	162	162	-	81	81	
BULLDOZER/MOBILE EQUIP.---	-	-	-	41	41	41	25	66	-	-	-	1,254	1,254	1,254	-	31	31	
CAR DUMP/GRI ZZLY/SCREEN---	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
CLEANUP/VENTILATION-----	-	-	-	1	1	1	-	10	-	-	-	19	19	19	-	19	19	
DRAG/CRANE/SHOVEL OPR.---	-	-	-	5	5	5	5	10	-	-	-	10	10	10	-	2	2	
DREDGE/BARGE/BOAT-----	1	-	-	22	22	23	9	32	6,000	-	-	582	582	6,582	-	26	286	
ELECTRICIAN-----	-	-	-	2	2	2	1	3	-	-	-	101	101	101	-	50	50	
FRONT END LOADER-----	1	-	1	39	40	41	16	57	6,000	270	2,083	2,353	8,353	270	53	204		
LABORER-----	-	-	1	59	60	60	34	94	-	-	50	2,143	2,193	2,193	50	36	37	
MECHANIC/MAINTENANCE-----	-	-	1	63	64	64	48	112	-	-	75	3,209	3,284	3,284	75	51	51	
MINER-----	-	-	-	23	23	23	10	33	-	-	-	1,154	1,154	1,154	-	50	50	
PREP. PLANT OPR.-----	-	-	-	40	40	40	15	55	-	-	-	1,490	1,490	1,490	-	37	37	
RAIL TRANSP. AND HAUL.---	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
SUPERVISOR/FOREMAN-----	1	-	1	33	34	35	29	64	6,000	-	100	1,902	2,002	8,002	100	58	229	
TECH./PROF./CLERICAL-----	-	-	-	4	4	4	4	7	-	-	-	282	282	282	-	70	70	
TRUCK DRIVER-----	-	-	-	20	20	20	9	29	-	-	-	925	925	925	-	46	46	
WELDER/MACHINIST-----	-	-	-	10	10	10	5	15	-	-	-	446	446	446	-	45	45	
N. E. C. OR UNKNOWN-----	-	-	-	3	3	3	-	3	-	-	-	165	165	165	-	55	55	
TOTAL OR AVERAGE-----	3	-	4	367	371	374	211	585	18,000	-	495	15,927	16,422	34,422	124	43	92	
OFFICE:																		
BULLDOZER/MOBILE EQUIP.---	-	-	-	1	1	1	-	1	-	-	-	150	150	150	-	150	150	
LABORER-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9	
MECHANIC/MAINTENANCE-----	-	-	-	4	4	4	-	4	-	-	-	19	19	19	-	5	5	
PREP. PLANT OPR.-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
TECH./PROF./CLERICAL-----	-	-	-	1	1	1	-	1	-	-	-	45	45	45	-	45	45	
TOTAL OR AVERAGE-----	-	-	-	7	7	7	1	8	-	-	-	223	223	223	-	32	32	
GRAND TOTAL OR AVERAGE:																		
BELTMAN/BOOM OPR.-----	-	-	-	2	2	2	-	2	-	-	-	162	162	162	-	81	81	
BULLDOZER/MOBILE EQUIP.---	-	-	-	42	42	42	25	67	-	-	-	1,404	1,404	1,404	-	33	33	
CAR DUMP/GRI ZZLY/SCREEN---	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
CLEANUP/VENTILATION-----	-	-	-	1	1	1	-	10	-	-	-	19	19	19	-	19	19	
DRAG/CRANE/SHOVEL OPR.---	-	-	-	5	5	5	5	10	-	-	-	10	10	10	-	2	2	
DREDGE/BARGE/BOAT-----	1	-	-	22	22	23	9	32	6,000	-	-	582	582	6,582	-	26	286	
ELECTRICIAN-----	-	-	-	2	2	2	1	3	-	-	-	101	101	101	-	50	50	
FRONT END LOADER-----	1	-	1	39	40	41	16	57	6,000	270	2,083	2,353	8,353	270	53	204		
LABORER-----	-	-	1	60	61	61	34	95	-	-	50	2,152	2,202	2,202	50	36	36	
MECHANIC/MAINTENANCE-----	-	-	1	67	68	68	48	116	-	-	75	3,228	3,303	3,303	75	48	49	
MINER-----	-	-	-	23	23	23	10	33	-	-	-	1,154	1,154	1,154	-	50	50	
PREP. PLANT OPR.-----	-	-	-	40	40	40	16	56	-	-	-	1,490	1,490	1,490	-	37	37	
RAIL TRANSP. AND HAUL.---	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
SUPERVISOR/FOREMAN-----	1	-	1	33	34	35	29	64	6,000	-	100	1,902	2,002	8,002	100	58	229	
TECH./PROF./CLERICAL-----	-	-	-	5	5	5	5	8	-	-	-	327	327	327	-	65	65	
TRUCK DRIVER-----	-	-	-	20	20	20	9	29	-	-	-	925	925	925	-	46	46	
WELDER/MACHINIST-----	-	-	-	10	10	10	5	15	-	-	-	446	446	446	-	45	45	
N. E. C. OR UNKNOWN-----	-	-	-	3	3	3	-	3	-	-	-	165	165	165	-	55	55	
TOTAL OR AVERAGE-----	3	-	4	374	378	381	212	593	18,000	-	495	16,150	16,645	34,645	124	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, 2009

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
ELECTRICAL-----	-	-	-	3	3	3	3	6	-	-	-	44	44	44	-	15	15
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
EXPLOSIVE AND BREAKING AGENT-----	-	-	-	1	1	1	-	1	-	-	-	160	160	160	-	160	160
FALLING, ROLLING, OR SLIDING MATERIAL-----	1	-	-	3	3	4	1	5	6,000	-	-	102	102	6,102	-	34	1,526
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	1	1	1	-	1	-	-	-	40	40	40	-	40	40
HANDLING MATERIAL-----	-	-	2	85	87	87	47	134	-	-	125	2,715	2,840	2,840	62	32	33
HAND TOOL-----	-	-	1	29	30	30	37	67	-	-	100	670	770	770	100	23	26
POWERED HAULAGE-----	-	-	-	39	39	39	11	50	-	-	-	1,986	1,986	1,986	-	51	51
MACHINERY-----	-	-	1	28	29	29	25	54	-	-	270	852	1,122	1,122	270	30	39
SLIP OR FALL OF PERSON-----	-	-	-	83	83	83	22	105	-	-	-	5,051	5,051	5,051	-	61	61
STEPPING OR KNEELING ON OBJECT-----	-	-	-	4	4	4	2	6	-	-	-	78	78	78	-	20	20
STRIKING OR BUMPING-----	-	-	-	2	2	2	5	7	-	-	-	5	5	5	-	2	2
OTHER INJURIES-----	-	-	-	13	13	13	9	22	-	-	-	614	614	614	-	47	47
TOTAL OR AVERAGE-----	1	-	4	291	295	296	164	460	6,000	-	495	12,317	12,812	18,812	124	42	64
DREDGE:																	
ELECTRICAL-----	1	-	-	1	1	2	-	2	6,000	-	-	1	1	6,001	-	1	3,000
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	1	1	1	-	1	-	-	-	41	41	41	-	41	41
FIRE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL-----	-	-	-	30	30	30	17	47	-	-	-	1,118	1,118	1,118	-	37	37
HAND TOOL-----	-	-	-	5	5	5	13	18	-	-	-	48	48	48	-	10	10
POWERED HAULAGE-----	-	-	-	3	3	3	1	4	-	-	-	67	67	67	-	22	22
MACHINERY-----	1	-	-	10	10	11	7	18	6,000	-	-	423	423	6,423	-	42	584
SLIP OR FALL OF PERSON-----	-	-	-	24	24	24	6	30	-	-	-	1,797	1,797	1,797	-	75	75
STEPPING OR KNEELING ON OBJECT-----	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
OTHER INJURIES-----	-	-	-	1	1	1	1	2	-	-	-	108	108	108	-	108	108
TOTAL OR AVERAGE-----	2	-	-	76	76	78	47	125	12,000	-	-	3,610	3,610	15,610	-	48	200

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, 2009 (CONTINUED)

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE, MINING:																	
ELECTRICAL-----	1	-	-	4	4	5	3	8	6,000	-	-	45	45	6,045	-	11	1,209
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	1	1	1	2	3	-	-	-	41	41	41	-	41	41
EXPLOSIVE AND BREAKING AGENT-----	-	-	-	1	1	1	-	1	-	-	-	160	160	160	-	160	160
FALLING, ROLLING, OR SLIDING MATERIAL-----	1	-	-	3	3	4	1	5	6,000	-	-	102	102	6,102	-	34	1,526
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	1	1	1	-	1	-	-	-	40	40	40	-	40	40
FIRE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL-----	-	-	2	115	117	117	64	181	-	-	125	3,833	3,958	3,958	62	33	34
HAND TOOL-----	-	-	1	34	35	35	50	85	-	-	100	718	818	818	100	21	23
POWERED HAULAGE-----	-	-	-	42	42	42	12	54	-	-	-	2,053	2,053	2,053	-	49	49
MACHINERY-----	1	-	1	38	39	40	32	72	6,000	-	270	1,275	1,545	7,545	270	34	189
SLIP OR FALL OF PERSON-----	-	-	-	107	107	107	28	135	-	-	-	6,848	6,848	6,848	-	64	64
STEPPING OR KNEELING ON OBJECT-----	-	-	-	5	5	5	3	8	-	-	-	85	85	85	-	17	17
STRIKING OR BUMPING-----	-	-	-	2	2	2	5	7	-	-	-	5	5	5	-	2	2
OTHER INJURIES-----	-	-	-	14	14	14	10	24	-	-	-	722	722	722	-	52	52
TOTAL OR AVERAGE-----	3	-	4	367	371	374	211	585	18,000	-	495	15,927	16,422	34,422	124	43	92
OFFICE:																	
HANDLING MATERIAL-----	-	-	-	2	2	2	1	3	-	-	-	4	4	4	-	2	2
POWERED HAULAGE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
MACHINERY-----	-	-	-	1	1	1	-	1	-	-	-	150	150	150	-	150	150
SLIP OR FALL OF PERSON-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
OTHER INJURIES-----	-	-	-	2	2	2	-	2	-	-	-	55	55	55	-	28	28
TOTAL OR AVERAGE-----	-	-	-	7	7	7	1	8	-	-	-	223	223	223	-	32	32

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, 2009 (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						
GRAND TOTAL OR AVERAGE:	1	-	-	4	4	5	3	8	6,000	-	-	45	45	6,045	-	11	1,209
ELECTRICAL-----	-	-	-	1	1	1	2	3	-	-	-	41	41	41	-	41	41
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	1	1	1	-	1	-	-	-	160	160	160	-	160	160
EXPLOSIVE AND BREAKING AGENT-----	1	-	-	3	3	4	1	5	6,000	-	-	102	102	6,102	-	34	1,526
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	1	1	1	-	1	-	-	-	40	40	40	-	40	40
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	-	-
FIRE-----	-	-	2	117	119	119	65	184	-	-	125	3,837	3,962	3,962	62	33	33
HANDLING MATERIAL-----	-	-	1	34	35	35	50	85	-	-	100	718	818	818	100	21	23
HAND TOOL-----	-	-	-	43	43	43	12	55	-	-	-	2,058	2,058	2,058	-	48	48
POWERED HAULAGE-----	1	-	1	39	40	41	32	73	6,000	-	270	1,425	1,695	7,695	270	37	188
MACHINERY-----	-	-	-	108	108	108	28	136	-	-	-	6,857	6,857	6,857	-	63	63
SLIP OR FALL OF PERSON-----	-	-	-	5	5	5	3	8	-	-	-	85	85	85	-	17	17
STEPPING OR KNEELING ON OBJECT-----	-	-	-	2	2	2	5	7	-	-	-	5	5	5	-	2	2
STRIKING OR BUMPING-----	-	-	-	16	16	16	10	26	-	-	-	777	777	777	-	49	49
OTHER INJURIES-----	3	-	4	374	378	381	212	593	18,000	-	495	16,150	16,645	34,645	124	43	91
TOTAL OR AVERAGE-----																	

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, 2009

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ELECTRICAL:																	
EYE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
FACE, NEC-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
HAND-----	-	-	-	1	1	1	1	2	-	-	-	30	30	30	-	30	30
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BODY SYSTEMS-----	1	-	-	1	1	2	1	3	6,000	-	-	12	12	6,012	-	12	3,006
TOTAL OR AVERAGE-----	1	-	-	4	4	5	3	8	6,000	-	-	45	45	6,045	-	11	1,209
EXPLODING VESSEL UNDER PRESSURE:																	
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HAND-----	-	-	-	1	1	1	1	2	-	-	-	41	41	41	-	41	41
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	-	41	41	41	-	41	41
EXPLOSIVE AND BREAKING AGENT:																	
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	-	160	160	160	-	160	160
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	160	160	160	-	160	160
FALLING, ROLLING, OR SLIDING MATERIAL:																	
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82
CHEST-----	1	-	-	-	-	-	-	-	6,000	-	-	-	-	6,000	-	-	6,000
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
FOOT-----	-	-	-	1	1	1	-	1	-	-	-	13	13	13	-	13	13
TOTAL OR AVERAGE-----	1	-	-	3	3	4	1	5	6,000	-	-	102	102	6,102	-	34	1,526
FALL OF FACE, RIB, SIDE OR HIGHWALL:																	
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	40	40	40	-	40	40
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	40	40	40	-	40	40
FIRE:																	
LOWER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-

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, 2009 (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
HANDLING MATERIAL:																
EYE-----	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
NECK-----	-	-	2	2	2	1	3	-	-	14	14	14	-	7	7	7
UPPER ARM-----	-	-	4	4	4	-	4	-	-	149	149	149	-	37	37	37
ELBOW-----	-	-	3	3	3	3	6	-	-	26	26	26	-	9	9	9
FOREARM-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HAND-----	-	-	3	3	3	9	12	-	-	61	61	61	-	20	20	20
FINGER(S)-----	-	1	25	26	26	29	55	75	75	710	785	785	75	28	30	30
UPPER EXTREMITIES, NEC-----	-	-	2	2	2	2	4	-	-	84	84	84	-	42	42	42
ABDOMEN-----	-	-	1	1	1	1	1	-	-	34	34	34	-	34	34	34
BACK-----	-	-	36	36	36	4	40	-	-	1,424	1,424	1,424	-	40	40	40
PELVIC REGION-----	-	1	6	7	7	1	8	50	50	100	100	100	50	8	14	14
SHOULDER(S)-----	-	-	15	15	15	3	18	-	-	437	437	437	-	29	29	29
TRUNK, NEC-----	-	-	1	1	1	1	1	-	-	17	17	17	-	17	17	17
THIGH-----	-	-	4	4	4	1	1	-	-	36	36	36	-	36	36	36
KNEE-----	-	-	4	4	4	1	1	-	-	256	256	256	-	64	64	64
LOWER LEG-----	-	-	2	2	2	-	2	-	-	294	294	294	-	147	147	147
ANKLE-----	-	-	1	1	1	1	1	-	-	104	104	104	-	104	104	104
FOOT-----	-	-	3	3	3	1	4	-	-	62	62	62	-	21	21	21
TOE(S)-----	-	-	2	2	2	-	2	-	-	43	43	43	-	22	22	22
LOWER EXTREMITIES, NEC-----	-	-	4	4	4	-	4	-	-	26	26	26	-	6	6	6
BODY SYSTEMS-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY-----	-	-	2	2	2	-	2	-	-	10	10	10	-	5	5	5
TOTAL OR AVERAGE-----	-	-	2	117	119	65	184	-	-	125	3,837	3,962	62	33	33	33
HAND TOOL:																
EYE-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
JAW-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
NOSE-----	-	1	1	1	1	-	1	-	-	20	20	20	-	20	20	20
FACE, NEC-----	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	2	2	2	4	6	-	-	7	7	7	-	4	4	4
ELBOW-----	-	-	1	1	1	1	1	-	-	2	2	2	-	2	2	2
FOREARM-----	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
WRIST-----	-	-	3	3	3	3	3	-	-	5	5	5	-	2	2	2
HAND-----	-	-	3	3	3	6	9	-	-	28	28	28	-	9	9	9
FINGER(S)-----	-	1	4	5	5	18	23	100	100	110	210	210	100	28	42	42
UPPER EXTREMITIES, NEC-----	-	-	2	2	2	-	2	-	-	13	13	13	-	6	6	6
ABDOMEN-----	-	-	1	1	1	1	1	-	-	30	30	30	-	30	30	30
BACK-----	-	-	3	3	3	1	4	-	-	46	46	46	-	15	15	15
SHOULDER(S)-----	-	-	5	5	5	1	6	-	-	261	261	261	-	52	52	52
THIGH-----	-	-	3	3	3	4	7	-	-	9	9	9	-	3	3	3
KNEE-----	-	-	1	1	1	1	1	-	-	24	24	24	-	24	24	24
LOWER LEG-----	-	-	1	1	1	1	1	-	-	110	110	110	-	110	110	110
FOOT-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
LOWER EXTREMITIES, NEC-----	-	-	1	1	1	-	1	-	-	22	22	22	-	22	22	22
MULTIPLE PARTS OF BODY-----	-	-	3	3	3	-	3	-	-	31	31	31	-	10	10	10
TOTAL OR AVERAGE-----	-	-	1	34	35	50	85	-	-	100	718	818	100	21	23	23

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, 2009 (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 PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL														
POWERED HAULAGE:																	
EYE-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-		
JAW-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-		
MOUTH/TEETH/TONGUE-----	-	1	-	1	1	1	2	-	-	84	84	84	-	84	84		
NOSE-----	-	1	-	1	1	-	1	-	-	8	8	8	-	8	8		
SCALP-----	-	1	-	1	1	-	1	-	-	1	1	1	-	1	1		
HEAD, NEC-----	-	1	-	1	1	1	2	-	-	1	1	1	-	1	1		
NECK-----	-	1	-	1	1	-	1	-	-	2	2	2	-	2	2		
ELBOW-----	-	1	-	1	1	-	1	-	-	11	11	11	-	11	11		
WRI ST-----	-	1	-	1	1	-	1	-	-	11	11	11	-	11	11		
HAND-----	-	1	-	1	1	-	2	-	-	19	19	19	-	19	19		
FINGER(S)-----	-	4	-	4	4	3	7	-	-	76	76	76	-	76	76		
UPPER EXTREMITIES, NEC-----	-	9	-	9	9	3	3	-	-	334	334	334	-	111	111		
BACK-----	-	3	-	3	3	1	10	-	-	669	669	669	-	74	74		
CHEST-----	-	3	-	3	3	-	3	-	-	19	19	19	-	6	6		
PELVIC REGION-----	-	1	-	1	1	-	1	-	-	38	38	38	-	38	38		
SHOULDER(S)-----	-	2	-	2	2	-	2	-	-	5	5	5	-	2	2		
TRUNK, NEC-----	-	1	-	1	1	-	1	-	-	39	39	39	-	39	39		
THIGH-----	-	2	-	2	2	-	2	-	-	33	33	33	-	16	16		
LOWER LEG-----	-	2	-	2	2	-	2	-	-	64	64	64	-	32	32		
ANKLE-----	-	1	-	1	1	-	1	-	-	10	10	10	-	10	10		
FOOT-----	-	2	-	2	2	-	2	-	-	22	22	22	-	11	11		
MULTIPLE PARTS OF BODY-----	-	5	-	5	5	3	8	-	-	612	612	612	-	122	122		
TOTAL OR AVERAGE-----	-	-	-	43	43	43	12	55	-	-	-	2,058	2,058	2,058	-	48	48
MACHINERY:																	
EAR-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-		
EYE-----	-	5	-	5	5	16	21	-	-	25	25	25	-	5	5		
NOSE-----	-	1	-	1	1	1	1	-	-	-	-	-	-	-	-		
HEAD, NEC-----	-	1	-	1	1	1	2	-	-	150	150	150	-	150	150		
NECK-----	-	1	-	1	1	1	2	-	-	2	2	2	-	2	2		
ELBOW-----	-	1	-	1	1	-	1	-	-	28	28	28	-	28	28		
WRI ST-----	-	3	-	3	3	1	7	-	-	-	-	-	-	-	-		
HAND-----	-	8	-	9	9	4	14	-	-	34	34	34	-	11	11		
FINGER(S)-----	-	2	1	3	3	5	3	-	270	240	510	510	270	30	57		
UPPER EXTREMITIES, NEC-----	1	2	-	2	2	3	3	6,000	-	90	90	6,090	-	45	2,030		
BACK-----	-	5	-	5	5	2	7	-	-	69	69	69	-	14	14		
CHEST-----	-	1	-	1	1	-	1	-	-	26	26	26	-	26	26		
PELVIC REGION-----	-	2	-	2	2	-	2	-	-	173	173	173	-	86	86		
SHOULDER(S)-----	-	1	-	1	1	1	1	-	-	-	-	-	-	-	-		
TRUNK, NEC-----	-	1	-	1	1	-	1	-	-	65	65	65	-	65	65		
KNEE-----	-	1	-	1	1	-	1	-	-	1	1	1	-	1	1		
LOWER LEG-----	-	2	-	2	2	-	2	-	-	211	211	211	-	106	106		
FOOT-----	-	1	-	1	1	-	1	-	-	3	3	3	-	3	3		
TOE(S)-----	-	2	-	2	2	-	2	-	-	272	272	272	-	136	136		
LOWER EXTREMITIES, NEC-----	-	1	-	1	1	-	1	-	-	12	12	12	-	12	12		
MULTIPLE PARTS OF BODY-----	-	2	-	2	2	-	2	-	-	24	24	24	-	12	12		
TOTAL OR AVERAGE-----	1	-	1	39	40	41	32	73	6,000	-	270	1,425	7,695	270	37	188	

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, 2009 (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
SLIP OR FALL OF PERSON:																	
HEAD, NEC-----	-	-	-	2	2	2	4	6	-	-	-	4	4	4	-	2	2
UPPER ARM-----	-	-	-	2	2	2	1	3	-	-	-	258	258	258	-	129	129
ELBOW-----	-	-	-	2	2	2	-	2	-	-	-	41	41	41	-	20	20
WRIST-----	-	-	-	6	6	6	-	6	-	-	-	352	352	352	-	59	59
HAND-----	-	-	-	3	3	3	1	4	-	-	-	21	21	21	-	7	7
FINGER(S)-----	-	-	-	1	1	1	2	3	-	-	-	10	10	10	-	10	10
UPPER EXTREMITIES, NEC----	-	-	-	3	3	3	-	3	-	-	-	239	239	239	-	80	80
BACK-----	-	-	-	13	13	13	1	14	-	-	-	583	583	583	-	45	45
CHEST-----	-	-	-	4	4	4	2	6	-	-	-	62	62	62	-	16	16
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	175	175	175	-	175	175
SHOULDER(S)-----	-	-	-	14	14	14	3	17	-	-	-	1,000	1,000	1,000	-	71	71
TRUNK, NEC-----	-	-	-	3	3	3	2	5	-	-	-	186	186	186	-	62	62
THIGH-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
KNEE-----	-	-	-	18	18	18	6	24	-	-	-	968	968	968	-	54	54
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ANKLE-----	-	-	-	15	15	15	4	19	-	-	-	717	717	717	-	48	48
FOOT-----	-	-	-	3	3	3	-	3	-	-	-	101	101	101	-	34	34
LOWER EXTREMITIES, NEC----	-	-	-	1	1	1	-	1	-	-	-	13	13	13	-	13	13
MULTIPLE PARTS OF BODY----	-	-	-	16	16	16	1	17	-	-	-	2,125	2,125	2,125	-	133	133
TOTAL OR AVERAGE-----	-	-	-	108	108	108	28	136	-	-	-	6,857	6,857	6,857	-	63	63
STEPPING OR KNEELING ON OBJECT:																	
KNEE-----	-	-	-	1	1	1	1	2	-	-	-	64	64	64	-	64	64
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ANKLE-----	-	-	-	4	4	4	-	4	-	-	-	21	21	21	-	5	5
FOOT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	5	5	5	3	8	-	-	-	85	85	85	-	17	17
STRIKING OR BUMPING:																	
SCALP-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3
ELBOW-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FINGER(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
LOWER EXTREMITIES, NEC----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE-----	-	-	-	2	2	2	5	7	-	-	-	5	5	5	-	2	2

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, 2009 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
OTHER INJURIES:																	
EYE-----	-	-	-	2	2	2	6	8	-	-	-	6	6	6	-	3	3
WRI ST-----	-	-	-	1	1	1	-	1	-	-	-	86	86	86	-	86	86
FINGER(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BACK-----	-	-	-	3	3	3	-	3	-	-	-	138	138	138	-	46	46
CHEST-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	108	108	108	-	108	108
KNEE-----	-	-	-	4	4	4	-	4	-	-	-	140	140	140	-	35	35
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11
BODY SYSTEMS-----	-	-	-	1	1	1	3	4	-	-	-	2	2	2	-	2	2
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	-	-	273	273	273	-	273	273
TOTAL OR AVERAGE-----	-	-	-	16	16	16	10	26	-	-	-	777	777	777	-	49	49
TOTAL OR AVERAGE:																	
EAR-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
EYE-----	-	-	-	8	8	8	29	37	-	-	-	32	32	32	-	4	4
JAW-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	3	4	-	-	-	84	84	84	-	84	84
NOSE-----	-	-	-	2	2	2	1	3	-	-	-	28	28	28	-	14	14
SCALP-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
FACE, NEC-----	-	-	-	1	1	1	5	6	-	-	-	2	2	2	-	2	2
HEAD, NEC-----	-	-	-	8	8	8	14	22	-	-	-	247	247	247	-	31	31
NECK-----	-	-	-	4	4	4	2	6	-	-	-	18	18	18	-	4	4
UPPER ARM-----	-	-	-	6	6	6	1	7	-	-	-	407	407	407	-	68	68
ELBOW-----	-	-	-	8	8	8	5	13	-	-	-	108	108	108	-	14	14
FOREARM-----	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
WRI ST-----	-	-	-	11	11	11	1	12	-	-	-	454	454	454	-	41	41
HAND-----	-	-	-	15	15	15	23	38	-	-	-	234	234	234	-	16	16
FINGER(S)-----	-	-	3	42	45	45	59	104	-	445	1,146	1,591	1,591	148	27	35	
UPPER EXTREMITIES, NEC-----	1	-	-	12	12	13	3	16	6,000	-	760	760	6,760	-	63	520	
ABDOMEN-----	-	-	-	2	2	2	2	2	-	-	-	64	64	64	-	32	32
BACK-----	-	-	-	69	69	69	9	78	-	-	-	2,929	2,929	2,929	-	42	42
CHEST-----	1	-	-	9	9	10	2	12	6,000	-	110	110	6,110	-	12	611	
PELVIC REGION-----	-	-	1	10	11	11	1	12	-	-	-	436	486	486	50	44	44
SHOULDER(S)-----	-	-	-	38	38	38	8	46	-	50	1,851	1,851	1,851	-	49	49	
TRUNK, NEC-----	-	-	-	6	6	6	2	8	-	-	-	307	307	307	-	51	51
THIGH-----	-	-	-	7	7	7	5	12	-	-	-	80	80	80	-	11	11
KNEE-----	-	-	-	30	30	30	9	39	-	-	-	1,460	1,460	1,460	-	49	49
LOWER LEG-----	-	-	-	9	9	9	3	12	-	-	-	850	850	850	-	94	94
ANKLE-----	-	-	-	21	21	21	5	26	-	-	-	852	852	852	-	41	41
FOOT-----	-	-	-	10	10	10	3	13	-	-	-	201	201	201	-	20	20
TOE(S)-----	-	-	-	4	4	4	-	4	-	-	-	315	315	315	-	79	79
LOWER EXTREMITIES, NEC-----	-	-	-	8	8	8	1	9	-	-	-	75	75	75	-	9	9
BODY SYSTEMS-----	1	-	-	2	2	3	5	8	6,000	-	14	14	6,014	-	7	2,005	
MULTIPLE PARTS OF BODY-----	-	-	-	29	29	29	4	33	-	-	-	2,812	2,812	2,812	-	97	97
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	-	-	273	273	273	-	273	273
TOTAL OR AVERAGE-----	3	-	4	374	378	381	212	593	18,000	-	495	16,150	16,645	34,645	124	43	91

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, 2009

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: RADIATION/ULTRA VIOLET----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
FALLING, ROLLING, OR SLIDING MATERIAL: CONTUSION OR BRUISE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
HANDLING MATERIAL: FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	57	57	57	-	57	57
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	63	63	63	-	32	32
HAND TOOL: STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
POWERED HAULAGE: CONTUSION OR BRUISE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
STRAIN/SPRAIN-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	120	120	120	-	120	120
TOTAL OR AVERAGE-----	1	-	-	1	1	2	1	3	6,000	-	-	120	120	6,120	-	120	3,060
MACHINERY: AMPUTATION/ENUCLEATION----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	75
RADIATION/ULTRA VIOLET----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	1	1	2	2	1	3	-	-	75	3	78	78	75	3	39
SLIP OR FALL OF PERSON: FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	130	130	130	-	130	130
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	151	151	151	-	76	76

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, 2009 (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:	-	-	1	-	1	1	-	1	-	-	75	-	75	75	-	75	
AMPUTATION/ENUCLEATION----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CONTUSION OR BRUISE-----	2	-	-	-	2	2	-	2	12,000	-	-	-	12,000	-	-	6,000	
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	187	-	187	-	94	94	
RADIATION/ULTRA VIOLET-----	-	-	-	2	2	2	-	2	-	-	8	-	8	-	4	4	
STRAIN/SPRAIN-----	-	-	-	2	2	2	1	3	-	-	28	-	28	-	14	14	
MULTIPLE INJURIES-----	-	-	-	1	1	1	1	2	-	-	120	-	120	-	120	120	
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	21	-	21	-	21	21	
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	1,131

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2009

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 ***	2009 ****	

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, 2009 (CONTRACTOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED
UNDERGROUND MINES:										
METAL-----	-		28		13		41			
NONMETAL-----	-		7		5		12			
STONE-----	-		4		5		9			
TOTAL, UNDERGROUND MINES-	-		39	1.68	23	.99	62	2.68	5,286	4,635,371
SURFACE MINES:										
METAL-----	-		33		22		55			
NONMETAL-----	1		13		9		23			
STONE-----	-		57		23		80			
SUBTOTAL, SURFACE MINES--	1		103		54		158			
SAND AND GRAVEL-----	2		9		2		13			
TOTAL, SURFACE MINES----	3	.02	112	.74	56	.37	171	1.13	34,986	30,181,885
TOTAL, MINES-----	3	.02	151	.87	79	.45	233	1.34	40,272	34,817,256
MILLS:										
METAL-----	2		15		26		43			
NONMETAL-----	-		15		14		29			
STONE-----	1		68		70		139			
TOTAL, MILLS-----	3	.03	98	1.08	110	1.21	211	2.31	16,742	18,229,545
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-		-		-		-			
NONMETAL-----	-		-		-		-			
STONE-----	-		-		-		-			
TOTAL, SHOPS AND YARDS---	-		-		-		-		24	6,037
ALL MINES, MILLS AND SHOPS:										
METAL-----	2		76		61		139			
NONMETAL-----	1		35		28		64			
STONE-----	1		129		98		228			
SUBTOTAL-----	4		240		187		431			
SAND AND GRAVEL-----	2		9		2		13			
TOTAL, MINES/MILLS/SHOPS-	6	.02	249	.94	189	.71	444	1.67	57,038	53,052,838
OFFICEWORKERS:										
METAL-----	-		2		1		3			
NONMETAL-----	-		-		-		-			
STONE-----	-		3		3		6			
SAND AND GRAVEL-----	-		-		-		-			
TOTAL, OFFICEWORKERS----	-		5	.26	4	.21	9	.47	2,890	3,827,143
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	2		78		62		142			
NONMETAL-----	1		35		28		64			
STONE-----	1		132		101		234			
SUBTOTAL-----	4		245		191		440			
SAND AND GRAVEL-----	2		9		2		13			
GRAND TOTAL-----	6	.02	254	.89	193	.68	453	1.59	59,928	56,879,981

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, 2009 (CONTRACTOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED	PRODUCTION REPORTED (SHORT TONS)
BITUMINOUS COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	1		130		45		176				
SURFACE-----	2		46		19		67				
TOTAL, UNDERGROUND MINES--	3		176		64		243				
SURFACE MINES:											
STRIP MINES-----	4		145		73		222				
AUGER MINES-----	-		-		-		-				
OTHER SURFACE MINES-----	-		1		-		1				
TOTAL, SURFACE MINES-----	4		146		73		223				
TOTAL, PRODUCTION MINING--	7		322		137		466				
PREPARATION PLANTS-----	1		76		38		115				
INDEPENDENT SHOPS/YARDS-----	-		8		2		10				
TOTAL, OTHER OPERATIONS---	1		84		40		125				
TOTAL, BITUMINOUS MINING--	8		406		177		591				
PENNSYLVANIA ANTHRACITE COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-		-		-		-				
SURFACE-----	-		-		-		-				
TOTAL, UNDERGROUND MINES--	-		-		-		-				
SURFACE MINES:											
STRIP MINES-----	-		2		-		2				
CULM BANK-----	-		-		-		-				
DREDGE-----	-		-		-		-				
TOTAL, SURFACE MINES-----	-		2		-		2				
TOTAL, PRODUCTION MINING--	-		2		-		2				
PREPARATION PLANTS-----	-		2		-		2				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	-		2		-		2				
TOTAL, ANTHRACITE MINING--	-		4		-		4				
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	1	.03	130	4.17	45	1.45	176	5.65	5,347	6,227,941	91,299
SURFACE-----	2	.06	46	1.30	19	.54	67	1.89	7,486	7,101,224	-
TOTAL, UNDERGROUND MINES--	3	.05	176	2.64	64	.96	243	3.65	12,833	13,329,165	91,299
SURFACE MINES:											
STRIP MINES-----	4	.04	147	1.38	73	.69	224	2.11	18,873	21,259,849	286,489
AUGER MINES-----	-		-		-		-		207	112,767	-
CULM BANK-----	-		1	.33	-		1	.33	713	606,039	-
DREDGE-----	-		-		-		-		68	20,614	-
TOTAL, SURFACE MINES-----	4	.04	148	1.35	73	.66	225	2.05	19,861	21,999,269	286,489
TOTAL, PRODUCTION MINING--	7	.04	324	1.83	137	.78	468	2.65	32,694	35,328,434	377,788
PREPARATION PLANTS-----	1	.02	78	1.66	38	.81	117	2.48	7,922	9,419,836	-
INDEPENDENT SHOPS/YARDS-----	-		8	3.43	2	.86	10	4.28	431	466,795	-
TOTAL, OTHER OPERATIONS---	1	.02	86	1.74	40	.81	127	2.57	8,353	9,886,631	-
TOTAL, ALL COAL-----	8	.04	410	1.81	177	.78	595	2.63	41,047	45,215,065	377,788
OFFICEWORKERS:											
BITUMINOUS-----	-		4		3		7				
ANTHRACITE-----	-		-		-		-				
TOTAL, OFFICEWORKERS-----	-		4	.26	3	.19	7	.45	2,157	3,112,778	-
GRAND TOTAL-----	8	.03	414	1.71	180	.74	602	2.49	43,204	48,327,843	377,788

CONTRACTOR DATA

TABLE REFERENCE GUIDE (SAND AND GRAVEL CONTRACTOR DATA)

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

To use this guide, read down or across the elements listed in both the stub and column headings to determine which location appear in six different tables, numbers 5, 7, 9, 12, 13, and 14. However, only one of these, table 9, provides a further division by nature of injury as well. The occupation of the injured is found in table 13 and, as seen in the column headings, provides the number of injuries, lost workdays, and average severity.

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

REFERENCE GUIDE TO SAND AND GRAVEL STATISTICAL TABLES (CONTRACTOR DATA)

STUB READINGS	COLUMN READINGS	Number of injuries	Incidence rates *	Lost workdays	Average severity	Average number of workers *	Employee-hours worked *	Accident classification	Number of occupational illnesses	Coal production (short tons)
Prior year data with and without office	1/	1			1					
Work Location		5		5	5					
		7		7	7					
		9		9	9					
		11						11		
				12				12		
		13		13	13					
		14		14	14					
		18	18				18	18		
		19	19				19	19		19
State		5		5	5					
		11						11		
				12				12		
									17	
Part of body injured		7		7	7					
		10		10	10					
		15		15	15					
Nature of injury		9		9	9					
		10		10	10					
		16		16	16					
Occupation at time of injury		13		13	13					
Accident Classification		14		14	14					
		15		15	15					
		16		16	16					
Mineral-industry								17		
Type of Coal		18	18			18	18			
		19	19			19	19			19

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

* Contractor data appearing in table 18 for the column headings denoted with an asterisk (*) in this guide are obtainable only for the noncoal industry as a whole and do not represent a particular mineral industry.

TABLE 1. - GENERAL STATISTICS ON INJURY EXPERIENCE AND WORKTIME, AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2009

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
NUMBER OF INJURIES:										
FATAL-----	-	3	-	1	2	-	3	-	1	2
NFDL-----	11	24	13	14	9	11	24	13	14	9
TOTAL LWD INJURIES-----	11	27	13	15	11	11	27	13	15	11
NDL-----	8	14	8	12	2	8	14	8	12	2
TOTAL INJURIES-----	19	41	21	27	13	19	41	21	27	13
AVERAGE SEVERITY:										
PERMANENT PARTIAL-----	-	-	75	-	75	-	-	75	-	75
TEMPORARY NFDL-----	72	53	38	50	46	72	53	38	50	46
ALL LWD INJURIES-----	72	714	41	447	1,131	72	714	41	447	1,131

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, 2009

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:																	
ARI ZONA-----	-	-	-	2	2	2	-	2	-	-	-	141	141	141	-	70	70
ARKANSAS-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
CALI FORNI A-----	-	-	-	1	1	1	-	1	-	-	-	130	130	130	-	130	130
MONTANA-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
NEVADA-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
OREGON-----	-	-	1	-	1	1	1	2	-	-	75	-	75	75	75	-	75
TEXAS-----	-	-	-	2	2	2	1	3	-	-	-	60	60	60	-	30	30
TOTAL OR AVERAGE-----	1	-	1	8	9	10	2	12	6,000	-	75	364	439	6,439	75	46	644
DREDGE:																	
TENNESSEE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE, SURFACE:																	
ARI ZONA-----	-	-	-	2	2	2	-	2	-	-	-	141	141	141	-	70	70
ARKANSAS-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
CALI FORNI A-----	-	-	-	1	1	1	-	1	-	-	-	130	130	130	-	130	130
MONTANA-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
NEVADA-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
OREGON-----	-	-	1	-	1	1	1	2	-	-	75	-	75	75	75	-	75
TENNESSEE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TEXAS-----	-	-	-	2	2	2	1	3	-	-	-	60	60	60	-	30	30
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	1,131
TOTAL OR AVERAGE, MINING:																	
ARI ZONA-----	-	-	-	2	2	2	-	2	-	-	-	141	141	141	-	70	70
ARKANSAS-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
CALI FORNI A-----	-	-	-	1	1	1	-	1	-	-	-	130	130	130	-	130	130
MONTANA-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
NEVADA-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
OREGON-----	-	-	1	-	1	1	1	2	-	-	75	-	75	75	75	-	75
TENNESSEE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TEXAS-----	-	-	-	2	2	2	1	3	-	-	-	60	60	60	-	30	30
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	1,131
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ARI ZONA-----	-	-	-	2	2	2	-	2	-	-	-	141	141	141	-	70	70
ARKANSAS-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
CALI FORNI A-----	-	-	-	1	1	1	-	1	-	-	-	130	130	130	-	130	130
MONTANA-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
NEVADA-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
OREGON-----	-	-	1	-	1	1	1	2	-	-	75	-	75	75	75	-	75
TENNESSEE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TEXAS-----	-	-	-	2	2	2	1	3	-	-	-	60	60	60	-	30	30
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	1,131

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, 2009 (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						
GRAND TOTAL OR AVERAGE:	-	-	-	2	2	2	-	2	-	-	-	141	141	141	-	70	70
ARI ZONA-----	1	-	-	-	-	1	-	1	-	-	-	141	-	6,000	-	-	6,000
ARKANSAS-----	-	-	-	1	1	1	-	1	-	-	-	130	130	130	-	130	130
CALI FORNIA-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
MONTANA-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
NEVADA-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	-	-	75	75	75	75	-	75
OREGON-----	1	-	-	-	-	1	1	1	-	-	-	-	-	6,000	-	-	6,000
TENNESSEE-----	-	-	-	2	2	2	1	3	-	-	-	60	60	60	-	30	30
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	1,131

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, 2009

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
EYE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
NECK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WRI ST-----	-	-	-	3	3	3	-	3	-	-	-	173	173	173	-	58	58
HAND-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
FI NGER(S)-----	-	-	1	1	2	2	-	2	-	75	57	132	132	75	57	66	66
KNEE-----	-	-	-	1	1	1	-	1	-	-	6	6	6	-	6	6	6
ANKLE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY--	1	-	-	1	1	2	-	2	6,000	-	-	120	120	6,120	-	120	3,060
TOTAL OR AVERAGE-----	1	-	1	8	9	10	2	12	6,000	-	75	364	439	6,439	75	46	644
DREDGE:																	
TRUNK, NEC-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE, MINING:																	
EYE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
NECK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WRI ST-----	-	-	-	3	3	3	-	3	-	-	-	173	173	173	-	58	58
HAND-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
FI NGER(S)-----	-	-	1	1	2	2	-	2	-	75	57	132	132	75	57	66	66
TRUNK, NEC-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
KNEE-----	-	-	-	1	1	1	-	1	-	-	6	6	6	-	6	6	6
ANKLE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY--	1	-	-	1	1	2	-	2	6,000	-	-	120	120	6,120	-	120	3,060
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	1,131
GRAND TOTAL OR AVERAGE:																	
EYE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
NECK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WRI ST-----	-	-	-	3	3	3	-	3	-	-	-	173	173	173	-	58	58
HAND-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
FI NGER(S)-----	-	-	1	1	2	2	-	2	-	75	57	132	132	75	57	66	66
TRUNK, NEC-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
KNEE-----	-	-	-	1	1	1	-	1	-	-	6	6	6	-	6	6	6
ANKLE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY--	1	-	-	1	1	2	-	2	6,000	-	-	120	120	6,120	-	120	3,060
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	1,131

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, 2009

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
AMPUTATION/ENUCLEATION----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	
CONTUSION OR BRUISE----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	6,000	
FRACTURE----	-	-	-	2	2	2	-	2	-	-	187	-	187	187	-	94	
RADIATION/ULTRA VIOLET----	-	-	-	2	2	2	-	2	-	-	8	-	8	8	-	4	
STRAIN/SPRAIN----	-	-	-	2	2	2	1	3	-	-	28	-	28	28	-	14	
MULTIPLE INJURIES----	-	-	-	1	1	1	1	2	-	-	120	-	120	120	-	120	
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	21	-	21	21	-	21	
TOTAL OR AVERAGE-----	1	-	1	8	9	10	2	12	6,000	-	75	364	439	6,439	75	46	
DREDGE:																	
CONTUSION OR BRUISE----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	6,000	
TOTAL OR AVERAGE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	6,000	
TOTAL OR AVERAGE, MINING:																	
AMPUTATION/ENUCLEATION----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	
CONTUSION OR BRUISE----	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	6,000	
FRACTURE----	-	-	-	2	2	2	-	2	-	-	187	-	187	187	-	94	
RADIATION/ULTRA VIOLET----	-	-	-	2	2	2	-	2	-	-	8	-	8	8	-	4	
STRAIN/SPRAIN----	-	-	-	2	2	2	1	3	-	-	28	-	28	28	-	14	
MULTIPLE INJURIES----	-	-	-	1	1	1	1	2	-	-	120	-	120	120	-	120	
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	21	-	21	21	-	21	
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	
GRAND TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	
CONTUSION OR BRUISE----	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	6,000	
FRACTURE----	-	-	-	2	2	2	-	2	-	-	187	-	187	187	-	94	
RADIATION/ULTRA VIOLET----	-	-	-	2	2	2	-	2	-	-	8	-	8	8	-	4	
STRAIN/SPRAIN----	-	-	-	2	2	2	1	3	-	-	28	-	28	28	-	14	
MULTIPLE INJURIES----	-	-	-	1	1	1	1	2	-	-	120	-	120	120	-	120	
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	21	-	21	21	-	21	
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	

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, 2009

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: RADIATION/ULTRA VIOLET----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
NECK: STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WRIST: FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	130	130	130	-	130	130
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	173	173	173	-	58	58
HAND: RADIATION/ULTRA VIOLET----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
FINGER(S): AMPUTATION/ENUCLEATION----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	75
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	57	57	57	-	57	57
TOTAL OR AVERAGE-----	-	-	1	1	2	2	-	2	-	-	75	57	132	132	75	57	66
TRUNK, NEC: CONTUSION OR BRUISE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
KNEE: STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
ANKLE: MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY: CONTUSION OR BRUISE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	120	120	120	-	120	120
TOTAL OR AVERAGE-----	1	-	-	1	1	2	-	2	6,000	-	-	120	120	6,120	-	120	3,060

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, 2009 (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						
TOTAL OR AVERAGE:	-	-	1	-	1	1	-	1	-	-	75	-	75	75	-	75	
AMPUTATION/ENUCLEATION----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CONTUSION OR BRUISE-----	2	-	-	-	2	2	-	2	12,000	-	-	-	12,000	-	-	6,000	
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	187	-	187	-	94	94	
RADIATION/ULTRA VIOLET----	-	-	-	2	2	2	-	2	-	-	8	-	8	-	4	4	
STRAIN/SPRAIN-----	-	-	-	2	2	2	1	3	-	-	28	-	28	-	14	14	
MULTIPLE INJURIES-----	-	-	-	1	1	1	1	2	-	-	120	-	120	-	120	120	
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	21	-	21	-	21	21	
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	1,131

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, 2009

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:																																								
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CALI FORNI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MONTANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DREDGE:																																								
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL MINING:																																								
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALI FORNI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL:																																								
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALI FORNI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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, 2009 (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:																																						
ARI ZONA-----			1																		1															2		
ARKANSAS-----	1																																			1		
CALI FORNIA-----																					1															1		
MONTANA-----																																				1		
NEVADA-----																																				1		
NEW JERSEY-----																																				1		
OREGON-----																	1	1																	1	1		
TEXAS-----				1													1																			2	1	
TOTAL-----	1	1	1													2	1		2															1	9	2		
DREDGE:																																						
TENNESSEE-----																																				1		
TOTAL-----																																				1		
TOTAL MINING:																																						
ARI ZONA-----			1																		1															2		
ARKANSAS-----	1																																			1		
CALI FORNIA-----																																					1	
MONTANA-----																																					1	
NEVADA-----																																					1	
NEW JERSEY-----																																					1	
OREGON-----																	1	1																		1	1	
TENNESSEE-----																																				1		
TEXAS-----				1													1																				2	1
TOTAL-----	1	1	1													2	1		2																2	9	2	
GRAND TOTAL:																																						
ARI ZONA-----			1																		1																2	
ARKANSAS-----	1																																			1		
CALI FORNIA-----																																					1	
MONTANA-----																																					1	
NEVADA-----																																					1	
NEW JERSEY-----																																					1	
OREGON-----																	1	1																			1	1
TENNESSEE-----																																					1	
TEXAS-----				1													1																				2	1
TOTAL-----	1	1	1													2	1		2																2	9	2	

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, 2009

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:																						
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALI FORNI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA-----	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-	-	-
TOTAL-----	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	22	-	-	-
DREDGE:																						
TENNESSEE-----	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL MINING:																						
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALI FORNI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA-----	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-	-	-
TOTAL-----	-	5	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	63	-	22	-	-	-
GRAND TOTAL:																						
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALI FORNI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA-----	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-	-	-
TOTAL-----	-	5	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	63	-	22	-	-	-

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, 2009 (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:																						
ARI ZONA-----	-	120	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	-
ARKANSAS-----	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-
CALI FORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	130	-	-	-	-	-	-	-	130
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	-	-	-	-	-	-	75
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	60
TOTAL-----	6,000	120	-	-	-	-	-	-	-	-	-	78	-	151	-	-	-	-	-	-	6,000	439
DREDGE:																						
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-
TOTAL MINING:																						
ARI ZONA-----	-	120	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	141
ARKANSAS-----	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-
CALI FORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	130	-	-	-	-	-	-	-	130
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	-	-	-	-	-	-	75
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	60
TOTAL-----	6,000	120	-	-	-	-	-	-	-	-	-	78	-	151	-	-	-	-	-	-	12,000	439
GRAND TOTAL:																						
ARI ZONA-----	-	120	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	141
ARKANSAS-----	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-
CALI FORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	130	-	-	-	-	-	-	-	130
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	-	-	-	-	-	-	75
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	60
TOTAL-----	6,000	120	-	-	-	-	-	-	-	-	-	78	-	151	-	-	-	-	-	-	12,000	439

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, 2009

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
SURFACE MINES:																
OPEN PIT:																
DRAG/CRANE/SHOVEL OPR. ---	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
DRILL OPERATOR-----	-	-	1	1	2	2	-	2	-	75	57	132	132	75	57	66
ELECTRICIAN-----	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5
FRONT END LOADER-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
LABORER-----	-	-	-	1	1	1	-	1	-	-	22	22	22	-	22	22
MECHANIC/MAINTENANCE-----	-	-	-	1	1	1	-	1	-	-	21	21	21	-	21	21
PREP. PLANT OPR.-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3
SUPERVISOR/FOREMAN-----	-	-	-	1	1	1	-	1	-	-	6	6	6	-	6	6
TECH./PROF./CLERICAL-----	-	-	-	1	1	1	-	1	-	-	130	130	130	-	130	130
TRUCK DRIVER-----	1	-	-	1	1	2	-	2	6,000	-	120	120	6,120	-	120	3,060
TOTAL OR AVERAGE-----	1	-	1	8	9	10	2	12	6,000	-	75	364	439	75	46	644
DREDGE:																
LABORER-----	1	-	-	-	-	1	-	1	6,000	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE, MINING:																
DRAG/CRANE/SHOVEL OPR. ---	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
DRILL OPERATOR-----	-	-	1	1	2	2	-	2	-	75	57	132	132	75	57	66
ELECTRICIAN-----	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5
FRONT END LOADER-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
LABORER-----	1	-	-	1	1	2	-	2	6,000	-	22	22	6,022	-	22	3,011
MECHANIC/MAINTENANCE-----	-	-	-	1	1	1	-	1	-	-	21	21	21	-	21	21
PREP. PLANT OPR.-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3
SUPERVISOR/FOREMAN-----	-	-	-	1	1	1	-	1	-	-	6	6	6	-	6	6
TECH./PROF./CLERICAL-----	-	-	-	1	1	1	-	1	-	-	130	130	130	-	130	130
TRUCK DRIVER-----	1	-	-	1	1	2	-	2	6,000	-	120	120	6,120	-	120	3,060
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	75	46	1,131
GRAND TOTAL OR AVERAGE:																
DRAG/CRANE/SHOVEL OPR. ---	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
DRILL OPERATOR-----	-	-	1	1	2	2	-	2	-	75	57	132	132	75	57	66
ELECTRICIAN-----	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5
FRONT END LOADER-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
LABORER-----	1	-	-	1	1	2	-	2	6,000	-	22	22	6,022	-	22	3,011
MECHANIC/MAINTENANCE-----	-	-	-	1	1	1	-	1	-	-	21	21	21	-	21	21
PREP. PLANT OPR.-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3
SUPERVISOR/FOREMAN-----	-	-	-	1	1	1	-	1	-	-	6	6	6	-	6	6
TECH./PROF./CLERICAL-----	-	-	-	1	1	1	-	1	-	-	130	130	130	-	130	130
TRUCK DRIVER-----	1	-	-	1	1	2	-	2	6,000	-	120	120	6,120	-	120	3,060
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	75	46	1,131

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, 2009

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
ELECTRICAL-----	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5	
HANDLING MATERIAL-----	-	-	-	2	2	2	-	2	-	-	63	63	63	-	32	32	
HAND TOOL-----	-	-	-	1	1	1	-	1	-	-	22	22	22	-	22	22	
POWERED HAULAGE-----	1	-	-	1	1	2	1	3	6,000	-	120	120	6,120	-	120	3,060	
MACHINERY-----	-	-	1	1	2	2	1	3	-	-	75	3	78	75	3	39	
SLIP OR FALL OF PERSON-----	-	-	-	2	2	2	-	2	-	-	151	151	151	-	76	76	
TOTAL OR AVERAGE-----	1	-	1	8	9	10	2	12	6,000	-	75	364	439	6,439	75	46	644
DREDGE:																	
FALLING, ROLLING, OR SLIDING MATERIAL-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE, MINING:																	
ELECTRICAL-----	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5	
FALLING, ROLLING, OR SLIDING MATERIAL-----	1	-	-	-	-	1	-	1	6,000	-	-	-	6,000	-	-	6,000	
HANDLING MATERIAL-----	-	-	-	2	2	2	-	2	-	-	63	63	63	-	32	32	
HAND TOOL-----	-	-	-	1	1	1	-	1	-	-	22	22	22	-	22	22	
POWERED HAULAGE-----	1	-	-	1	1	2	1	3	6,000	-	120	120	6,120	-	120	3,060	
MACHINERY-----	-	-	1	1	2	2	1	3	-	-	75	3	78	75	3	39	
SLIP OR FALL OF PERSON-----	-	-	-	2	2	2	-	2	-	-	151	151	151	-	76	76	
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	1,131
GRAND TOTAL OR AVERAGE:																	
ELECTRICAL-----	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5	
FALLING, ROLLING, OR SLIDING MATERIAL-----	1	-	-	-	-	1	-	1	6,000	-	-	-	6,000	-	-	6,000	
HANDLING MATERIAL-----	-	-	-	2	2	2	-	2	-	-	63	63	63	-	32	32	
HAND TOOL-----	-	-	-	1	1	1	-	1	-	-	22	22	22	-	22	22	
POWERED HAULAGE-----	1	-	-	1	1	2	1	3	6,000	-	120	120	6,120	-	120	3,060	
MACHINERY-----	-	-	1	1	2	2	1	3	-	-	75	3	78	75	3	39	
SLIP OR FALL OF PERSON-----	-	-	-	2	2	2	-	2	-	-	151	151	151	-	76	76	
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	1,131

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, 2009

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:																	
HAND-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
FALLING, ROLLING, OR SLIDING MATERIAL:																	
TRUNK, NEC-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
HANDLING MATERIAL:																	
FINGER(S)-----	-	-	-	1	1	1	-	1	-	-	-	57	57	57	-	57	57
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	63	63	63	-	32	32
HAND TOOL:																	
WRIST-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
POWERED HAULAGE:																	
NECK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY-----	1	-	-	1	1	2	-	2	6,000	-	-	120	120	6,120	-	120	3,060
TOTAL OR AVERAGE-----	1	-	-	1	1	2	1	3	6,000	-	-	120	120	6,120	-	120	3,060
MACHINERY:																	
EYE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
FINGER(S)-----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	75
ANKLE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	1	1	2	2	1	3	-	-	75	3	78	78	75	3	39
SLIP OR FALL OF PERSON:																	
WRIST-----	-	-	-	2	2	2	-	2	-	-	-	151	151	151	-	76	76
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	151	151	151	-	76	76

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, 2009 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE:-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	1,131
EYE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
NECK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WRIST-----	-	-	-	3	3	3	-	3	-	-	-	173	173	173	-	58	58
HAND-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
FINGER(S)-----	-	-	1	1	2	2	-	2	-	-	75	57	132	132	75	57	66
TRUNK, NEC-----	1	-	-	-	1	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
ANKLE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY----	1	-	-	1	1	2	-	2	6,000	-	-	120	120	6,120	-	120	3,060

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, 2009

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: RADIATION/ULTRA VIOLET----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
FALLING, ROLLING, OR SLIDING MATERIAL: CONTUSION OR BRUISE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
HANDLING MATERIAL: FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	57	57	57	-	57	57
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	63	63	63	-	32	32
HAND TOOL: STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	22	22	22	-	22	22
POWERED HAULAGE: CONTUSION OR BRUISE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
STRAIN/SPRAIN-----	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	120	120	120	-	120	120
TOTAL OR AVERAGE-----	1	-	-	1	1	2	1	3	6,000	-	-	120	120	6,120	-	120	3,060
MACHINERY: AMPUTATION/ENUCLEATION----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	75
RADIATION/ULTRA VIOLET----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	1	1	2	2	1	3	-	-	75	3	78	78	75	3	39
SLIP OR FALL OF PERSON: FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	130	130	130	-	130	130
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	151	151	151	-	76	76

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, 2009 (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:	-	-	1	-	1	1	-	1	-	-	75	-	75	75	-	75	
AMPUTATION/ENUCLEATION----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CONTUSION OR BRUISE-----	2	-	-	-	2	2	-	2	12,000	-	-	-	12,000	-	-	6,000	
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	187	-	187	-	94	94	
RADIATION/ULTRA VIOLET-----	-	-	-	2	2	2	-	2	-	-	8	-	8	-	4	4	
STRAIN/SPRAIN-----	-	-	-	2	2	2	1	3	-	-	28	-	28	-	14	14	
MULTIPLE INJURIES-----	-	-	-	1	1	1	1	2	-	-	120	-	120	-	120	120	
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	21	-	21	-	21	21	
TOTAL OR AVERAGE-----	2	-	1	8	9	11	2	13	12,000	-	75	364	439	12,439	75	46	1,131

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2009

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 ***	2009 ****	

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, 2009 (CONTRACTOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED
UNDERGROUND MINES:										
METAL-----	-		28		13		41			
NONMETAL-----	-		7		5		12			
STONE-----	-		4		5		9			
TOTAL, UNDERGROUND MINES-	-		39	1.68	23	.99	62	2.68	5,286	4,635,371
SURFACE MINES:										
METAL-----	-		33		22		55			
NONMETAL-----	1		13		9		23			
STONE-----	-		57		23		80			
SUBTOTAL, SURFACE MINES--	1		103		54		158			
SAND AND GRAVEL-----	2		9		2		13			
TOTAL, SURFACE MINES----	3	.02	112	.74	56	.37	171	1.13	34,986	30,181,885
TOTAL, MINES-----	3	.02	151	.87	79	.45	233	1.34	40,272	34,817,256
MILLS:										
METAL-----	2		15		26		43			
NONMETAL-----	-		15		14		29			
STONE-----	1		68		70		139			
TOTAL, MILLS-----	3	.03	98	1.08	110	1.21	211	2.31	16,742	18,229,545
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-		-		-		-			
NONMETAL-----	-		-		-		-			
STONE-----	-		-		-		-			
TOTAL, SHOPS AND YARDS---	-		-		-		-		24	6,037
ALL MINES, MILLS AND SHOPS:										
METAL-----	2		76		61		139			
NONMETAL-----	1		35		28		64			
STONE-----	1		129		98		228			
SUBTOTAL-----	4		240		187		431			
SAND AND GRAVEL-----	2		9		2		13			
TOTAL, MINES/MILLS/SHOPS-	6	.02	249	.94	189	.71	444	1.67	57,038	53,052,838
OFFICEWORKERS:										
METAL-----	-		2		1		3			
NONMETAL-----	-		-		-		-			
STONE-----	-		3		3		6			
SAND AND GRAVEL-----	-		-		-		-			
TOTAL, OFFICEWORKERS----	-		5	.26	4	.21	9	.47	2,890	3,827,143
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	2		78		62		142			
NONMETAL-----	1		35		28		64			
STONE-----	1		132		101		234			
SUBTOTAL-----	4		245		191		440			
SAND AND GRAVEL-----	2		9		2		13			
GRAND TOTAL-----	6	.02	254	.89	193	.68	453	1.59	59,928	56,879,981

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, 2009 (CONTRACTOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED	PRODUCTION REPORTED (SHORT TONS)
BITUMINOUS COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	1		130		45		176				
SURFACE-----	2		46		19		67				
TOTAL, UNDERGROUND MINES--	3		176		64		243				
SURFACE MINES:											
STRIP MINES-----	4		145		73		222				
AUGER MINES-----	-		-		-		-				
OTHER SURFACE MINES-----	-		1		-		1				
TOTAL, SURFACE MINES-----	4		146		73		223				
TOTAL, PRODUCTION MINING--	7		322		137		466				
PREPARATION PLANTS-----	1		76		38		115				
INDEPENDENT SHOPS/YARDS-----	-		8		2		10				
TOTAL, OTHER OPERATIONS----	1		84		40		125				
TOTAL, BITUMINOUS MINING--	8		406		177		591				
PENNSYLVANIA ANTHRACITE COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-		-		-		-				
SURFACE-----	-		-		-		-				
TOTAL, UNDERGROUND MINES--	-		-		-		-				
SURFACE MINES:											
STRIP MINES-----	-		2		-		2				
CULM BANK-----	-		-		-		-				
DREDGE-----	-		-		-		-				
TOTAL, SURFACE MINES-----	-		2		-		2				
TOTAL, PRODUCTION MINING--	-		2		-		2				
PREPARATION PLANTS-----	-		2		-		2				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS----	-		2		-		2				
TOTAL, ANTHRACITE MINING--	-		4		-		4				
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	1	.03	130	4.17	45	1.45	176	5.65	5,347	6,227,941	91,299
SURFACE-----	2	.06	46	1.30	19	.54	67	1.89	7,486	7,101,224	-
TOTAL, UNDERGROUND MINES--	3	.05	176	2.64	64	.96	243	3.65	12,833	13,329,165	91,299
SURFACE MINES:											
STRIP MINES-----	4	.04	147	1.38	73	.69	224	2.11	18,873	21,259,849	286,489
AUGER MINES-----	-		-		-		-		207	112,767	-
CULM BANK-----	-		1	.33	-		1	.33	713	606,039	-
DREDGE-----	-		-		-		-		68	20,614	-
TOTAL, SURFACE MINES-----	4	.04	148	1.35	73	.66	225	2.05	19,861	21,999,269	286,489
TOTAL, PRODUCTION MINING--	7	.04	324	1.83	137	.78	468	2.65	32,694	35,328,434	377,788
PREPARATION PLANTS-----	1	.02	78	1.66	38	.81	117	2.48	7,922	9,419,836	-
INDEPENDENT SHOPS/YARDS-----	-		8	3.43	2	.86	10	4.28	431	466,795	-
TOTAL, OTHER OPERATIONS----	1	.02	86	1.74	40	.81	127	2.57	8,353	9,886,631	-
TOTAL, ALL COAL-----	8	.04	410	1.81	177	.78	595	2.63	41,047	45,215,065	377,788
OFFICEWORKERS:											
BITUMINOUS:											
BITUMINOUS-----	-		4		3		7				
ANTHRACITE:											
ANTHRACITE-----	-		-		-		-				
TOTAL, OFFICEWORKERS-----	-		4	.26	3	.19	7	.45	2,157	3,112,778	-
GRAND TOTAL-----	8	.03	414	1.71	180	.74	602	2.49	43,204	48,327,843	377,788