



# Injury Experience in Sand and Gravel Mining, 2008

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

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# INJURY EXPERIENCE IN SAND AND GRAVEL MINING, 2008

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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 2008. Data reported by operators of mining establishments concerning work injuries are summarized by work location, accident classification, part of body injured, nature of injury, and occupation. Related information on employment, worktime, and operating activity also is presented. Data reported by independent contractors performing certain work at mining locations are depicted separately in this report. For ease of comparison with other metal and nonmetallic mineral mining industries and with coal mining, summary reference tabulations are included at the end of both the operator and the contractor sections of this report.

## INTRODUCTION

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

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

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

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

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

## SCOPE OF STATISTICS

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

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

## DEFINITION OF TERMS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

Entrapment. Accidents involving entrapment of persons.

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

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

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

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

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

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

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

Handtools. Accidents related to nonpowered tools.

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

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

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

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

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

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

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

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

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

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

Other. Accidents not elsewhere classified.

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

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

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

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<sup>1</sup> Not more than 6,000 lost workdays will be charged in a single accident that results in multiple injuries to a mine worker. (See definition of permanent total disability on page 4).

## TABLE REFERENCE GUIDE FOR OPERATOR SAND AND GRAVEL MINING

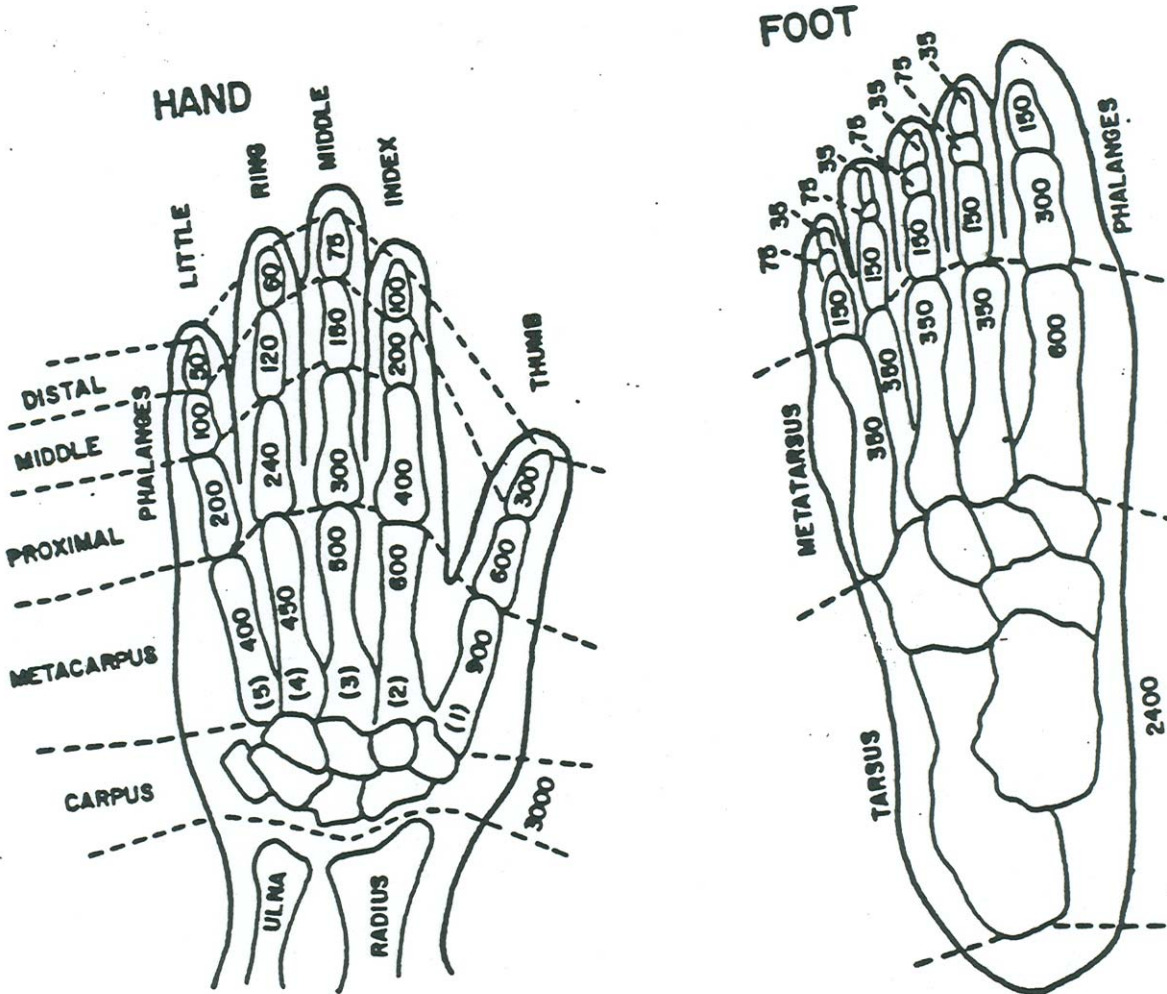
The following reference guide facilitates locating particular data elements contained in the annual statistical tables for operators. A comparable guide precedes the contractor section of this report. The number appearing in each cell indicates the table number in which that particular element may be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

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

REFERENCE GUIDE TO SAND AND GRAVEL OPERATOR STATISTICAL TABLES

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

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



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

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

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

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

Date Report Completed  
Mo. Day Yr.

For Quarter Year

Mail Before

Check here if this report is being submitted by a contractor

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

Operation Name: \_\_\_\_\_

Operating Company Name and Mailing Address: \_\_\_\_\_

County: \_\_\_\_\_

MSHA ID Number Contractor ID

Operation Name

Operating Company Name and Mailing Address

<b>1. Persons Working, Employee-Hours, and Coal Production</b>			
(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)
<b>Underground Mine</b>			
01 Underground			
02 Surface Shops, Yards, etc.			
03 Strip, Open Pit, or Quarry			
04 Auger (Coal Mine Only)			
05 Cullm Bank or Refuse Pile (Coal Mine Only)			
06 Dredge			
12 Other Surface Mining (Metal/Nonmetal Only)			
<b>Independent Shops or Yards</b>			
17 Mill Operations, Preparation Plants, or Breakers (include associated shops and yards)			
30 Office (professional and clerical employees at the mine or plant working in an office)			
99			

**2. Other Reportable Data**

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

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

FIGURE 2. Quarterly mine employment and coal production form.

# Mine Accident, Injury and Illness Report



Approved For Use Through 04/30/2011 OMB Number 1219-0007

• Section A - Identification D		Contractor ID		Report Category		Check here if report pertains to contractor	
MSHA ID Number				Metal/Nonmetal Mining		Coal Mining	
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 Stoping    05 Continuous Mining    06 Hand    07 Caving    08 Other

6. Date of Accident			7. Time of Accident • am		8. Time Shift Started • am		
Month	Day	Year	• pm		• pm		7
							8

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

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10. Equipment Involved		Type	Manufacturer	Model Number	10
					MAN

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

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

16. Last Four Digits of Social Security Number		17. Regular Job Title		18. Check if this Injury/Illness resulted in death.		19. Check if Injury/Illness resulted in permanent disability (include amputation, loss of use, & permanent total disability).		
								14
								16
								17
								18
								19

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

22. Part of Body Injured or Affected		23. Occupational Illness (circle applicable code - see instructions)		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		22
						24

24. Employee's Work Activity When Injury or Illness Occurred	Experience		Years	Weeks
	25. Experience in This Job Title			
	26. Experience at This Mine			
	27. Total Mining Experience			

• Section D - Return to Duty Information

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

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

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

MSHA Form 7000-1, Feb 00 (revised)

*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, 2008

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
<b>NUMBER OF INJURIES:</b>										
FATAL-----	8	9	6	5	3	8	9	6	5	3
NFDL-----	753	841	795	657	550	758	845	799	661	554
TOTAL LWD INJURIES-----	761	850	801	662	553	766	854	805	666	557
NDL-----	411	405	373	302	281	417	410	374	308	284
TOTAL INJURIES-----	1,172	1,255	1,174	964	834	1,183	1,264	1,179	974	841
<b>INCIDENCE RATES:</b>										
FATAL-----	.02	.03	.02	.01	.01	.02	.02	.02	.01	.01
NFDL-----	2.26	2.45	2.28	1.97	1.91	1.98	2.15	2.01	1.72	1.66
ALL LWD INJURIES-----	2.28	2.48	2.30	1.98	1.92	2.00	2.18	2.02	1.74	1.67
NDL-----	1.23	1.18	1.07	.90	.97	1.09	1.05	.94	.80	.85
ALL INJURIES-----	3.51	3.66	3.37	2.89	2.89	3.09	3.22	2.96	2.54	2.52
<b>SEVERITY MEASURES:</b>										
FATAL-----	144	158	103	90	62	125	138	90	78	54
NFDL-----	104	149	120	91	90	91	130	106	80	78
ALL LWD INJURIES-----	248	307	223	181	152	216	268	196	158	132
<b>AVERAGE SEVERITY:</b>										
PERMANENT PARTIAL-----	704	893	494	101	692	704	893	494	101	692
TEMPORARY NFDL-----	40	38	41	36	41	40	38	41	36	41
ALL LWD INJURIES-----	109	124	97	91	79	108	123	97	91	79
<b>AVERAGE NUMBER OF EMPLOYEES----</b>	37,000	37,705	38,450	38,182	35,158	44,467	45,240	46,069	45,761	42,307
<b>EMPLOYEE-HOURS WORKED-----</b>	66,727,368	68,515,570	69,699,443	66,826,618	57,685,466	76,616,395	78,426,842	79,591,861	76,680,439	66,686,120
<b>AVERAGE HOURS PER EMPLOYEE</b>										
PER YEAR-----	1,803	1,817	1,813	1,750	1,641	1,723	1,734	1,728	1,676	1,576
<b>OPERATIONS REPORTED:</b>										
NUMBER OF OPERATIONS-----	7,004	7,044	7,099	7,125	7,041	7,074	7,111	7,178	7,199	7,132
ASSOCIATED WORK LOCATIONS----	-	-	-	-	-	4,173	4,263	4,283	4,293	4,238

TABLE 2. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL NJU-RIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPORARY	TOTAL NFDL																TOTAL	PARTIAL
		TOTAL	PARTIAL																			
<b>SURFACE MINES:</b>																						
<b>OPEN PIT:</b>																						
1 - 4	1	-	1	84	85	86	40	126	.02	1.49	1.50	.70	2.20	105	58	163	10,061	11,446,083	4,275	-		
5 - 9	-	2	119	121	121	70	191	-	1.79	1.79	1.04	2.83	-	75	75	75	8,214	13,506,853	1,270	-		
10 - 19	-	-	131	131	131	59	190	-	2.03	2.03	.91	2.94	-	91	91	91	6,838	12,930,399	527	-		
20 - 34	-	-	73	73	73	41	114	-	2.26	2.26	1.27	3.53	-	101	101	101	3,362	6,454,433	133	-		
35 - 49	-	1	25	26	26	8	34	-	1.97	1.97	.61	2.58	-	337	337	337	1,284	2,636,580	32	-		
50 - 99	-	-	9	9	9	5	14	-	1.16	1.16	.65	1.81	-	24	24	24	773	1,545,684	12	-		
TOTAL OR AVERAGE	1	-	4	441	445	446	223	669	(*)	1.83	1.84	.92	2.76	25	91	116	30,532	48,520,032	6,249	-		
<b>DREDGE:</b>																						
1 - 4	1	-	-	21	21	22	11	33	.10	2.20	2.31	1.15	3.46	629	70	699	1,216	1,908,708	468	-		
5 - 9	-	1	-	33	34	34	19	53	-	2.53	2.53	1.42	3.95	-	100	100	1,343	2,683,567	203	-		
10 - 19	1	-	-	22	22	23	17	40	.08	1.72	1.80	1.33	3.13	470	70	540	1,159	2,555,136	92	-		
20 - 34	-	-	-	13	13	13	7	20	-	2.34	2.34	1.26	3.60	-	58	58	487	1,112,233	20	-		
35 - 49	-	-	-	12	12	12	1	13	-	4.61	4.61	.38	4.99	-	147	147	252	520,632	6	-		
50 - 99	-	-	-	2	2	2	2	4	-	1.37	1.37	1.37	2.75	-	23	23	129	290,987	2	-		
TOTAL OR AVERAGE	2	-	1	103	104	106	57	163	.04	2.29	2.34	1.26	3.59	265	80	345	4,586	9,071,263	791	-		
<b>TOTAL OR AVERAGE, MINING:</b>																						
1 - 4	2	-	1	105	106	108	51	159	.03	1.59	1.62	.76	2.38	180	60	240	11,277	13,354,791	4,743	-		
5 - 9	-	3	-	152	155	155	89	244	-	1.91	1.91	1.10	3.01	-	79	79	9,557	16,190,420	1,473	-		
10 - 19	1	-	-	153	153	154	76	230	.01	1.98	1.99	.98	2.97	77	87	165	7,997	15,485,535	619	-		
20 - 34	-	-	-	86	86	86	48	134	-	2.27	2.27	1.27	3.54	-	95	95	3,849	7,566,666	153	-		
35 - 49	-	1	-	37	38	38	9	47	-	2.41	2.41	.57	2.98	-	306	306	1,536	3,157,212	38	-		
50 - 99	-	-	-	11	11	11	7	18	-	1.20	1.20	.76	1.96	-	24	24	902	1,836,671	14	-		
TOTAL OR AVERAGE	3	-	5	544	549	552	280	832	.01	1.91	1.92	.97	2.89	63	90	152	35,118	57,591,295	7,040	-		
<b>PROCESSING PLANTS:</b>																						
35 - 49	-	-	-	1	1	1	1	2	-	2.12	2.12	2.12	4.25	-	270	270	40	94,171	1	-		
TOTAL OR AVERAGE	-	-	-	1	1	1	1	2	-	2.12	2.12	2.12	4.25	-	270	270	40	94,171	1	-		
<b>OFFICE:</b>																						
1 - 4	-	-	-	3	3	3	3	6	-	.09	.09	.09	.18	-	1	1	5,948	6,816,519	90	4,077		
5 - 9	-	-	-	1	1	1	-	1	-	.14	.14	-	.14	-	23	23	797	1,402,927	-	131		
10 - 19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	362	734,778	1	28		
20 - 34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	46,430	-	2		
TOTAL OR AVERAGE	-	-	-	4	4	4	3	7	-	.09	.09	.07	.16	-	5	5	7,149	9,000,654	91	4,238		

TABLE 2. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (CONTINUED)

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE- HOURS	NUMBER OF OPERA- TIONS	ASSO- CIATED WORK LOCA- TION	
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL NJU- RIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPO- RARY	TOTAL NFDL																
		TOTAL	PARTIAL																		
GRAND TOTAL OR AVERAGE:	2	-	1	108	109	111	54	165	.02	1.08	1.10	.54	1.64	119	40	159	17,225	20,171,310	4,833	4,077	
1 - 4-----	-	-	3	153	156	156	89	245	-	1.77	1.77	1.01	2.79	-	75	75	10,354	17,593,347	1,473	131	
5 - 9-----	1	-	-	153	153	154	76	230	.01	1.89	1.90	.94	2.84	74	83	157	8,359	16,220,313	620	28	
10 - 19-----	-	-	-	86	86	86	48	134	-	2.26	2.26	1.26	3.52	-	94	94	3,891	7,613,096	153	2	
20 - 34-----	-	-	1	38	39	39	10	49	-	2.40	2.40	.62	3.01	-	304	304	1,576	3,251,383	39	-	
35 - 49-----	-	-	-	11	11	11	7	18	-	1.20	1.20	.76	1.96	-	24	24	902	1,836,671	14	-	
50 - 99-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	3	-	5	549	554	557	284	841	.01	1.66	1.67	.85	2.52	54	78	132	42,307	66,686,120	7,132	4,238	

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, 2008

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>SURFACE MINES:</b>																	
<b>OPEN PIT:</b>																	
1 - 4-----	1	-	1	84	85	86	40	126	6,000	-	50	3,290	3,340	9,340	50	39	109
5 - 9-----	-	-	2	119	121	121	70	191	-	-	210	4,843	5,053	5,053	105	41	42
10 - 19-----	-	-	-	131	131	131	59	190	-	-	-	5,852	5,852	5,852	-	45	45
20 - 34-----	-	-	-	73	73	73	41	114	-	-	-	3,271	3,271	3,271	-	45	45
35 - 49-----	-	-	1	25	26	26	8	34	-	-	3,000	1,440	4,440	4,440	3,000	58	171
50 - 99-----	-	-	-	9	9	9	5	14	-	-	-	188	188	188	-	21	21
TOTAL OR AVERAGE-----	1	-	4	441	445	446	223	669	6,000	-	3,260	18,884	22,144	28,144	815	43	63
<b>DREDGE:</b>																	
1 - 4-----	1	-	-	21	21	22	11	33	6,000	-	-	668	668	6,668	-	32	303
5 - 9-----	-	-	1	33	34	34	19	53	-	-	200	1,141	1,341	1,341	200	35	39
10 - 19-----	1	-	-	22	22	23	17	40	6,000	-	-	894	894	6,894	-	41	300
20 - 34-----	-	-	-	13	13	13	7	20	-	-	-	322	322	322	-	25	25
35 - 49-----	-	-	-	12	12	12	1	13	-	-	-	383	383	383	-	32	32
50 - 99-----	-	-	-	2	2	2	2	4	-	-	-	33	33	33	-	16	16
TOTAL OR AVERAGE-----	2	-	1	103	104	106	57	163	12,000	-	200	3,441	3,641	15,641	200	33	148
<b>TOTAL OR AVERAGE, MINING:</b>																	
1 - 4-----	2	-	1	105	106	108	51	159	12,000	-	50	3,958	4,008	16,008	50	38	148
5 - 9-----	-	-	3	152	155	155	89	244	-	-	410	5,984	6,394	6,394	137	39	41
10 - 19-----	1	-	-	153	153	154	76	230	6,000	-	-	6,746	6,746	12,746	-	44	83
20 - 34-----	-	-	-	86	86	86	48	134	-	-	-	3,593	3,593	3,593	-	42	42
35 - 49-----	-	-	1	37	38	38	9	47	-	-	3,000	1,823	4,823	4,823	3,000	49	127
50 - 99-----	-	-	-	11	11	11	7	18	-	-	-	221	221	221	-	20	20
TOTAL OR AVERAGE-----	3	-	5	544	549	552	280	832	18,000	-	3,460	22,325	25,785	43,785	692	41	79
<b>PROCESSING PLANTS:</b>																	
35 - 49-----	-	-	-	1	1	1	1	2	-	-	-	127	127	127	-	127	127
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	127	127	127	-	127	127
<b>OFFICE:</b>																	
1 - 4-----	-	-	-	3	3	3	3	6	-	-	-	49	49	49	-	16	16
5 - 9-----	-	-	-	1	1	1	-	1	-	-	-	164	164	164	-	164	164
10 - 19-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 - 34-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	4	4	4	3	7	-	-	-	213	213	213	-	53	53

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, 2008 (CONTINUED)

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:	2	-	1	108	109	111	54	165	12,000	-	50	4,007	4,057	16,057	50	37	145
1 - 4-----	-	-	3	153	156	156	89	245	-	-	410	6,148	6,558	6,558	137	40	42
5 - 9-----	1	-	-	153	153	154	76	230	6,000	-	-	6,746	6,746	12,746	-	44	83
10 - 19-----	-	-	-	86	86	86	48	134	-	-	-	3,593	3,593	3,593	-	42	42
20 - 34-----	-	-	1	38	39	39	10	49	-	-	3,000	1,950	4,950	4,950	3,000	51	127
35 - 49-----	-	-	-	11	11	11	7	18	-	-	-	221	221	221	-	20	20
50 - 99-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	3	-	5	549	554	557	284	841	18,000	-	3,460	22,665	26,125	44,125	692	41	79

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008

WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION	
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPORARY	TOTAL NFDL																TOTAL
		TOTAL	PARTIAL																		
OPEN PIT:																					
ALABAMA-----	-	-	-	1	1	1	4	5	-	.23	.23	.94	1.17	-	5	5	437	851,912	64	-	
ALASKA-----	-	-	-	2	2	2	3	5	-	1.16	1.16	1.74	2.91	-	3	3	413	344,175	88	-	
ARI ZONA-----	-	-	-	37	37	37	13	50	-	2.17	2.17	.76	2.94	-	105	105	1,982	3,404,405	260	-	
ARKANSAS-----	-	-	-	4	4	4	2	6	-	1.53	1.53	.77	2.30	-	211	211	302	522,300	51	-	
CALI FORNI A-----	-	-	-	62	62	62	26	88	-	2.00	2.00	.84	2.84	-	107	107	3,425	6,196,603	388	-	
COLORADO-----	-	-	-	33	33	33	13	46	-	3.32	3.32	1.31	4.62	-	202	202	1,296	1,990,249	264	-	
CONNECTI CUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	290	424,650	71	-	
DELAWARE-----	-	-	-	1	1	1	-	1	-	2.82	2.82	-	2.82	-	101	101	28	71,025	4	-	
FLORI DA-----	-	-	-	-	-	-	2	2	-	-	-	1.96	1.96	-	-	-	115	203,846	22	-	
GEORGI A-----	-	-	-	4	4	4	-	4	-	2.22	2.22	-	2.22	-	25	25	174	361,073	13	-	
HAWAI I-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	169	116,468	42	-	
IDAHO-----	-	-	-	4	4	4	2	6	-	1.00	1.00	.50	1.51	-	29	29	629	796,763	173	-	
ILLI NOI S-----	-	-	-	6	6	6	5	11	-	1.62	1.62	1.35	2.98	-	44	44	448	739,023	89	-	
INDI ANA-----	-	-	-	10	10	10	3	13	-	2.55	2.55	.77	3.32	-	70	70	432	784,063	110	-	
IOWA-----	-	-	-	6	6	6	2	8	-	1.83	1.83	.61	2.45	-	80	80	438	654,125	123	-	
KANSAS-----	-	-	-	1	1	1	-	1	-	1.73	1.73	-	1.73	-	233	233	89	115,842	34	-	
KENTUCKY-----	1	-	-	2	2	3	1	4	1.32	2.64	3.96	1.32	5.28	7,922	475	8,397	88	151,476	12	-	
LOUI SI ANA-----	-	-	-	2	2	2	3	5	-	1.22	1.22	1.84	3.06	-	50	50	218	326,788	38	-	
MAI NE-----	-	-	-	3	3	3	1	4	-	.99	.99	.33	1.33	-	108	108	493	603,209	166	-	
MARYLAND-----	-	-	-	7	7	7	-	7	-	2.57	2.57	-	2.57	-	34	34	246	545,219	19	-	
MASSACHUSETTS-----	-	-	-	2	2	2	2	4	-	.86	.86	.86	1.73	-	34	34	374	463,312	98	-	
MI CHI GAN-----	-	-	-	19	19	19	9	28	-	2.22	2.22	1.05	3.27	-	83	83	1,263	1,712,249	406	-	
MI NESOTA-----	-	-	-	8	8	8	7	15	-	1.20	1.20	1.05	2.25	-	26	26	1,259	1,331,203	464	-	
MI SSI SSI PPI-----	-	-	-	7	7	7	3	10	-	1.72	1.72	.74	2.46	-	47	47	449	811,807	60	-	
MI SSOURI-----	-	-	-	6	6	6	1	7	-	3.16	3.16	.53	3.68	-	89	89	257	379,941	57	-	
MONTANA-----	-	-	-	4	4	4	6	10	-	1.33	1.33	2.00	3.33	-	28	28	648	600,379	212	-	
NEBRASKA-----	-	-	-	1	1	1	-	1	-	1.37	1.37	-	1.37	-	14	14	106	145,906	29	-	
NEVADA-----	-	-	-	8	8	8	4	12	-	1.15	1.15	.58	1.73	-	12	12	890	1,391,126	138	-	
NEW HAMPSHI RE-----	-	-	-	5	5	5	2	7	-	2.02	2.02	.81	2.83	-	13	13	348	495,014	99	-	
NEW JERSEY-----	-	-	-	6	6	6	1	7	-	2.53	2.53	.42	2.95	-	133	133	247	474,542	37	-	
NEW MEXI CO-----	-	-	-	9	9	9	4	13	-	1.94	1.94	.86	2.80	-	94	94	645	929,209	120	-	
NEW YORK-----	-	-	-	21	21	21	9	30	-	2.31	2.31	.99	3.30	-	63	63	1,135	1,816,913	333	-	
NORTH CAROLI NA-----	-	-	-	4	4	4	6	10	-	.77	.77	1.16	1.93	-	33	33	580	1,037,733	81	-	
NORTH DAKOTA-----	-	-	-	4	4	4	1	5	-	1.96	1.96	.49	2.45	-	22	22	337	407,375	105	-	
OKI O-----	-	-	-	9	9	9	3	12	-	1.39	1.39	.46	1.86	-	90	90	731	1,291,321	147	-	
OKLAHOMA-----	-	-	-	3	3	3	2	5	-	1.96	1.96	1.31	3.27	-	54	54	164	305,675	34	-	
OREGON-----	-	-	-	4	4	4	3	7	-	.94	.94	.70	1.64	-	15	15	602	853,099	105	-	
PENNSYLVANI A-----	-	-	-	11	11	11	3	14	-	2.89	2.89	.79	3.67	-	158	158	448	762,391	97	-	
PUERTO RI CO-----	-	-	-	7	7	7	-	7	-	3.97	3.97	-	3.97	-	402	402	243	352,756	29	-	
RHODE I SLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125	172,177	16	-	
SOUTH CAROLI NA-----	-	-	-	3	3	3	2	5	-	1.19	1.19	.80	1.99	-	23	23	256	502,392	33	-	
SOUTH DAKOTA-----	-	-	-	8	8	8	1	9	-	2.50	2.50	.31	2.81	-	29	29	444	640,171	129	-	
TENNESSEE-----	-	-	-	4	4	4	5	9	-	2.08	2.08	2.60	4.68	-	113	113	213	384,796	35	-	
TEXAS-----	-	1	-	45	46	46	23	69	-	1.73	1.73	.86	2.59	-	171	171	2,421	5,327,629	257	-	
UTAH-----	-	-	-	13	13	13	7	20	-	1.24	1.24	.67	1.90	-	51	51	1,397	2,103,813	233	-	
VERMONT-----	-	-	-	1	1	1	-	1	-	.85	.85	-	.85	-	50	50	258	234,018	95	-	
VI RGI NI A-----	-	-	-	1	1	1	1	2	-	.43	.43	.43	.87	-	43	43	244	462,362	42	-	
WASHI NGTON-----	-	-	-	22	22	22	19	41	-	2.27	2.27	1.96	4.24	-	123	123	1,196	1,934,801	206	-	
WEST VI RGI NI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,973	1	-	
WI SCONSIN-----	-	-	1	15	16	16	12	28	-	2.34	2.34	1.75	4.09	-	74	74	1,031	1,370,423	384	-	
WYOMI NG-----	-	-	1	7	8	8	7	15	-	2.58	2.58	2.26	4.84	-	44	44	507	620,312	136	-	
TOTAL OR AVERAGE-----	1	-	4	441	445	446	223	669	(*)	1.83	1.84	.92	2.76	-	25	91	116	30,532	48,520,032	6,249	-

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (CONTINUED)

WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPORARY	TOTAL NFDL																TOTAL	PARTIAL
		TOTAL	PARTIAL																			
DREDGE:																						
ALABAMA-----	-	-	-	1	1	1	-	1	-	1.16	1.16	-	1.16	-	79	79	85	171,759	18	-		
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	38,376	2	-		
ARIZONA-----	-	-	-	1	1	1	-	1	-	24.49	24.49	-	24.49	-	465	465	9	8,165	3	-		
ARKANSAS-----	-	-	-	1	1	1	-	1	-	1.88	1.88	-	1.88	-	114	114	49	106,629	8	-		
CALIFORNIA-----	-	-	-	5	5	5	-	5	-	8.42	8.42	-	8.42	-	1,108	1,108	76	118,779	5	-		
COLORADO-----	-	-	-	2	2	2	3	5	-	5.13	5.13	7.69	12.82	-	103	103	30	78,018	6	-		
DELAWARE-----	-	-	-	1	1	1	-	1	-	5.15	5.15	-	5.15	-	103	103	20	38,857	4	-		
FLORIDA-----	-	-	-	6	6	6	6	12	-	1.70	1.70	1.70	3.40	-	32	32	353	706,051	40	-		
GEORGIA-----	-	-	-	-	-	-	1	1	-	-	-	.74	.74	-	-	-	141	271,408	32	-		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,465	1	-		
ILLINOIS-----	-	-	-	3	3	3	-	3	-	2.37	2.37	-	2.37	-	43	43	135	252,706	32	-		
INDIANA-----	-	-	-	9	9	9	1	10	-	3.86	3.86	.43	4.29	-	24	24	231	466,304	35	-		
IOWA-----	-	-	-	1	1	1	1	2	-	1.07	1.07	1.07	2.14	-	17	17	105	187,195	28	-		
KANSAS-----	1	-	-	4	4	5	7	12	.51	2.06	2.57	3.60	6.18	3,089	71	3,159	217	388,501	58	-		
KENTUCKY-----	-	-	-	1	1	1	1	2	-	1.57	1.57	1.57	3.14	-	39	39	69	127,430	10	-		
LOUISIANA-----	-	-	-	14	14	14	3	17	-	2.82	2.82	.61	3.43	-	126	126	499	991,389	83	-		
MARYLAND-----	-	-	-	1	1	1	1	2	-	3.38	3.38	3.38	6.75	-	14	14	31	59,256	4	-		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	3,701	2	-		
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	-	5.83	5.83	-	-	-	21	34,308	4	-		
MINNESOTA-----	-	-	-	1	1	1	-	1	-	7.61	7.61	-	7.61	-	38	38	22	26,281	9	-		
MISSISSIPPI-----	-	-	-	2	2	2	1	3	-	1.62	1.62	.81	2.43	-	26	26	125	247,149	23	-		
MISSOURI-----	-	-	-	7	7	7	8	15	-	3.89	3.89	4.45	8.35	-	132	132	195	359,479	33	-		
NEBRASKA-----	-	-	-	8	8	8	4	12	-	2.32	2.32	1.16	3.47	-	65	65	427	690,898	127	-		
NEW JERSEY-----	-	-	-	1	1	1	4	5	-	.40	.40	1.62	2.02	-	1	1	230	494,679	20	-		
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	102,448	8	-		
NORTH CAROLINA-----	-	-	-	-	-	-	2	2	-	-	-	3.46	3.46	-	-	-	61	115,766	14	-		
OHIO-----	-	-	-	7	7	7	4	11	-	2.09	2.09	1.19	3.29	-	50	50	322	669,704	43	-		
OKLAHOMA-----	-	-	-	8	8	8	2	10	-	2.81	2.81	.70	3.52	-	57	57	258	568,403	44	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	14,570	2	-		
PENNSYLVANIA-----	-	-	-	4	4	4	2	6	-	2.83	2.83	1.41	4.24	-	104	104	130	282,954	10	-		
SOUTH CAROLINA-----	-	-	-	2	2	2	-	2	-	3.26	3.26	-	3.26	-	13	13	63	122,790	16	-		
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	930	1	-		
TENNESSEE-----	-	-	-	1	1	1	-	1	-	1.08	1.08	-	1.08	-	68	68	87	184,742	13	-		
TEXAS-----	1	-	1	10	11	12	3	15	.19	2.13	2.32	.58	2.90	1,161	100	1,262	439	1,033,451	36	-		
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	41,187	6	-		
WASHINGTON-----	-	-	-	1	1	1	1	2	-	6.02	6.02	6.02	12.04	-	921	921	18	33,222	4	-		
WEST VIRGINIA-----	-	-	-	1	1	1	-	1	-	10.38	10.38	-	10.38	-	208	208	8	19,276	1	-		
WISCONSIN-----	-	-	-	-	-	-	1	1	-	-	-	15.34	15.34	-	-	-	11	13,037	6	-		
TOTAL OR AVERAGE-----	2	-	1	103	104	106	57	163	.04	2.29	2.34	1.26	3.59	265	80	345	4,586	9,071,263	791	-		

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (CONTINUED)

WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPORARY	TOTAL NFDL																TOTAL	PARTIAL
		TOTAL	PARTIAL																			
TOTAL OR AVERAGE, MINING:	-	-	-	2	2	2	4	6	-	.39	.39	.78	1.17	-	17	17	522	1,023,671	82	-		
ALABAMA-----	-	-	-	2	2	2	3	5	-	1.05	1.05	1.57	2.61	-	3	3	427	382,551	90	-		
ALASKA-----	-	-	-	2	2	2	3	5	-	2.23	2.23	.76	2.99	-	106	106	1,991	3,412,570	263	-		
ARI ZONA-----	-	-	-	38	38	38	13	51	-	1.59	1.59	.64	2.23	-	195	195	351	628,929	59	-		
ARKANSAS-----	-	-	-	5	5	5	2	7	-	2.12	2.12	.82	2.95	-	126	126	3,501	6,315,382	393	-		
CALI FORNI A-----	-	-	-	67	67	67	26	93	-	3.38	3.38	1.55	4.93	-	198	198	1,326	2,068,267	270	-		
COLORADO-----	-	-	-	35	35	35	16	51	-	-	-	-	-	-	-	-	290	424,650	71	-		
CONNECTI CUT-----	-	-	-	2	2	2	-	2	-	3.64	3.64	-	3.64	-	102	102	48	109,882	8	-		
DELAWARE-----	-	-	-	2	2	2	-	2	-	1.32	1.32	1.76	3.08	-	25	25	468	909,897	62	-		
FLORI DA-----	-	-	-	6	6	6	8	14	-	1.26	1.26	.32	1.58	-	14	14	315	632,481	45	-		
GEORGI A-----	-	-	-	4	4	4	1	5	-	-	-	-	-	-	-	-	169	116,468	42	-		
HAWAI I-----	-	-	-	4	4	4	2	6	-	1.00	1.00	.50	1.50	-	29	29	632	798,228	174	-		
IDAHO-----	-	-	-	4	4	4	5	9	-	1.82	1.82	1.01	2.82	-	44	44	583	991,729	121	-		
ILLI NOI S-----	-	-	-	9	9	9	4	13	-	3.04	3.04	.64	3.68	-	53	53	663	1,250,367	145	-		
INDI ANA-----	-	-	-	19	19	19	4	23	-	1.66	1.66	.71	2.38	-	66	66	543	841,320	151	-		
IOWA-----	-	-	-	7	7	7	3	10	-	1.98	1.98	2.78	5.16	-	108	108	2,487	504,343	92	-		
KANSAS-----	1	-	1	4	5	6	7	13	.40	2.15	2.87	1.43	4.30	-	276	276	157	278,906	22	-		
KENTUCKY-----	1	-	-	3	3	4	2	6	.72	2.43	2.43	.91	3.34	-	107	107	717	1,318,177	121	-		
LOUI SI ANA-----	-	-	-	16	16	16	6	22	-	.99	.99	.33	1.33	-	108	108	493	603,209	166	-		
MAI NE-----	-	-	-	3	3	3	1	4	-	2.65	2.65	.33	2.98	-	32	32	277	604,475	23	-		
MARYLAND-----	-	-	-	8	8	8	1	9	-	.86	.86	.86	1.71	-	34	34	383	467,013	100	-		
MASSACHUSETTS-----	-	-	-	2	2	2	2	4	-	2.18	2.18	1.15	3.32	-	81	81	1,284	1,746,557	410	-		
MI CHI GAN-----	-	-	-	19	19	19	10	29	-	1.33	1.33	1.03	2.36	-	26	26	1,281	1,357,484	473	-		
MI NESOTA-----	-	-	-	9	9	9	7	16	-	1.70	1.70	.76	2.46	-	42	42	574	1,058,956	83	-		
MI SSI SSI PPI-----	-	-	-	9	9	9	4	13	-	3.52	3.52	2.43	5.95	-	110	110	452	739,420	90	-		
MI SSOURI-----	-	-	-	13	13	13	9	22	-	1.33	1.33	2.00	3.33	-	28	28	648	600,379	212	-		
MONTANA-----	-	-	-	4	4	4	6	10	-	2.15	2.15	.96	3.11	-	56	56	533	836,804	156	-		
NEBRASKA-----	-	-	-	9	9	9	4	13	-	1.15	1.15	.58	1.73	-	12	12	890	1,391,126	138	-		
NEVADA-----	-	-	-	8	8	8	4	12	-	2.02	2.02	.81	2.83	-	13	13	348	495,014	99	-		
NEW HAMPSHI RE-----	-	-	-	5	5	5	2	7	-	1.44	1.44	1.03	2.48	-	66	66	477	969,221	57	-		
NEW JERSEY-----	-	-	-	7	7	7	5	12	-	1.94	1.94	.86	2.80	-	94	94	645	929,209	120	-		
NEW MEXI CO-----	-	-	-	9	9	9	4	13	-	2.19	2.19	.94	3.13	-	59	59	1,186	1,919,361	341	-		
NEW YORK-----	-	-	-	21	21	21	9	30	-	.69	.69	1.39	2.08	-	30	30	641	1,153,499	95	-		
NORTH CAROLI NA-----	-	-	-	4	4	4	8	12	-	1.96	1.96	.49	2.45	-	22	22	337	407,375	105	-		
NORTH DAKOTA-----	-	-	-	4	4	4	1	5	-	1.63	1.63	.71	2.35	-	77	77	1,053	1,961,025	190	-		
OHI O-----	-	-	-	16	16	16	7	23	-	2.52	2.52	.92	3.43	-	56	56	422	874,078	78	-		
OKLAHOMA-----	-	-	-	11	11	11	4	15	-	.92	.92	.69	1.61	-	15	15	618	867,669	107	-		
OREGON-----	-	-	-	4	4	4	3	7	-	2.87	2.87	.96	3.83	-	143	143	578	1,045,345	107	-		
PENNSYLVANI A-----	-	-	-	15	15	15	5	20	-	3.97	3.97	-	3.97	-	402	402	243	352,756	29	-		
PUERTO RI CO-----	-	-	-	7	7	7	-	7	-	-	-	-	-	-	-	-	125	172,177	16	-		
RHODE I SLAND-----	-	-	-	-	-	-	-	-	-	1.60	1.60	.64	2.24	-	21	21	319	625,182	49	-		
SOUTH CAROLI NA-----	-	-	-	5	5	5	2	7	-	2.50	2.50	.31	2.81	-	29	29	445	641,101	130	-		
SOUTH DAKOTA-----	-	-	-	8	8	8	1	9	-	1.76	1.76	1.76	3.51	-	99	99	300	569,538	48	-		
TENNESSEE-----	-	-	-	5	5	5	5	10	-	1.79	1.82	.82	2.64	-	189	160	348	2,860	6,361,080	293	-	
TEXAS-----	1	-	2	55	57	58	26	84	.03	1.24	1.24	.67	1.90	-	51	51	1,397	2,103,813	233	-		
UTAH-----	-	-	-	13	13	13	7	20	-	.85	.85	-	.85	-	50	50	258	234,018	95	-		
VERMONT-----	-	-	-	1	1	1	-	1	-	.40	.40	.40	.79	-	39	39	269	503,549	48	-		
VI RGI NI A-----	-	-	-	1	1	1	1	2	-	2.34	2.34	2.03	4.37	-	137	137	1,214	1,968,023	210	-		
WASHI NGTON-----	-	-	-	23	23	23	20	43	-	9.41	9.41	-	9.41	-	188	188	10	21,249	2	-		
WEST VI RGI NI A-----	-	-	-	1	1	1	-	1	-	2.31	2.31	1.88	4.19	-	73	73	1,042	1,383,460	390	-		
WI SCONSIN-----	-	-	1	15	16	16	13	29	-	2.58	2.58	2.26	4.84	-	44	44	507	620,312	136	-		
WYOMI NG-----	-	-	1	7	8	8	7	15	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL OR AVERAGE-----	3	-	5	544	549	552	280	832	.01	1.91	1.92	.97	2.89	-	63	90	152	35,118	57,591,295	7,040	-	



TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (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																	
PROCESSING PLANTS:																				
TENNESSEE-----	-	-	-	1	1	1	1	2	-	2.12	2.12	2.12	4.25	-	270	270	40	94,171	1	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	2.12	2.12	2.12	4.25	-	270	270	40	94,171	1	-

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (CONTINUED)

WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL					ALL FATAL AND NFDL		
		PERMANENT		TEMPORARY	TOTAL NFDL																TOTAL	PARTIAL
		TOTAL	PARTIAL																			
OFFICE:-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	106	164,012	1	61		
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	47,237	2	39		
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	375	620,646	2	160		
ARIZONA-----	-	-	-	-	-	-	1	1	-	-	-	.32	.32	-	-	-	81	115,438	-	44		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	734	1,186,995	2	253		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	233	269,748	-	152		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90	102,519	-	55		
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	23,274	-	8		
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	175,299	-	42		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	80,227	-	16		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	16,384	2	34		
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77	58,353	1	63		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	245,300	-	80		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160	282,514	-	113		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	176	188,603	1	110		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	93,762	-	41		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	65,063	1	13		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154	197,337	4	94		
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	161	62,313	2	123		
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	107,818	1	23		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	108,417	-	71		
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	352	304,548	14	252		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	347	109,750	15	291		
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	122,267	-	55		
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	107	150,844	2	55		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138	44,087	8	110		
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	68,320	-	60		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98	108,576	2	60		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	103	111,690	1	71		
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153	277,607	-	48		
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	79,441	2	72		
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	297	393,052	2	189		
NEW YORK-----	-	-	-	1	1	1	-	1	-	.51	.51	-	.51	-	21	21	103	142,537	1	63		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	8,185	1	31		
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	280	456,393	3	152		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92	152,736	-	55		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	103	95,877	1	56		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	119	186,667	-	74		
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	69,851	1	24		
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	32,754	-	11		
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	120,579	1	44		
SOUTH CAROLINA-----	-	-	-	2	2	2	-	2	-	3.32	3.32	-	3.32	-	12	12	49	27,961	-	45		
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	143,920	2	39		
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	456	782,508	2	230		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104	103,227	2	75		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	37,737	1	33		
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	108,739	-	37		
VIRGINIA-----	-	-	-	-	-	-	1	1	-	-	-	1.84	1.84	-	-	-	253	303,012	1	151		
WASHINGTON-----	-	-	-	1	1	1	1	2	-	.66	.66	.66	1.32	-	108	108	4	7,323	-	1		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	288	200,981	9	212		
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	38,226	1	47		
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL OR AVERAGE-----	-	-	-	4	4	4	3	7	-	.09	.09	.07	.16	-	5	5	7,149	9,000,654	91	4,238		

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (CONTINUED)

WORK LOCATION AND STATE	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL						
		PERMANENT		TEMPORARY	TOTAL NFDL																TOTAL	PARTIAL
		TOTAL	PARTIAL																			
GRAND TOTAL OR AVERAGE:-----	-	-	-	2	2	2	4	6	-	.34	.34	.67	1.01	-	15	15	628	1,187,683	83	61		
ALABAMA-----	-	-	-	2	2	2	3	5	-	.93	.93	1.40	2.33	-	2	2	485	429,788	92	39		
ALASKA-----	-	-	-	2	2	2	3	5	-	.93	.93	1.40	2.33	-	2	2	485	429,788	92	39		
ARI ZONA-----	-	-	-	38	38	38	14	52	-	1.88	1.88	.69	2.58	-	90	90	2,366	4,033,216	265	160		
ARKANSAS-----	-	-	-	5	5	5	2	7	-	1.34	1.34	.54	1.88	-	165	165	432	744,367	59	44		
CALI FORNI A-----	-	-	-	67	67	67	26	93	-	1.79	1.79	.69	2.48	-	106	106	4,235	7,502,377	395	253		
COLORADO-----	-	-	-	35	35	35	16	51	-	2.99	2.99	1.37	4.36	-	175	175	1,559	2,338,015	270	152		
CONNECTI CUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	380	527,169	71	55		
DELAWARE-----	-	-	-	2	2	2	-	2	-	3.00	3.00	-	3.00	-	84	84	59	133,156	8	8		
FLORI DA-----	-	-	-	6	6	6	8	14	-	1.11	1.11	1.47	2.58	-	21	21	567	1,085,196	62	42		
GEORGI A-----	-	-	-	4	4	4	1	5	-	1.12	1.12	.28	1.40	-	13	13	356	712,708	45	16		
HAWAI I-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	212	132,852	44	34		
I DAHO-----	-	-	-	4	4	4	2	6	-	.93	.93	.47	1.40	-	27	27	709	856,581	175	63		
I LLI NOI S-----	-	-	-	9	9	9	5	14	-	1.46	1.46	.81	2.26	-	35	35	741	1,237,029	121	80		
I NDI ANA-----	-	-	-	19	19	19	4	23	-	2.48	2.48	.52	3.00	-	43	43	823	1,532,881	145	113		
I OWA-----	-	-	-	7	7	7	3	10	-	1.36	1.36	.58	1.94	-	54	54	719	1,029,923	152	110		
KANSAS-----	1	-	-	4	5	6	7	13	.33	1.67	2.01	2.34	4.35	2,006	91	2,097	366	598,105	92	41		
KENTUCKY-----	1	-	-	3	3	4	2	6	.58	1.74	2.33	1.16	3.49	3,489	224	3,713	196	343,969	23	13		
LOUI SI ANA-----	-	-	-	16	16	16	6	22	-	2.11	2.11	.79	2.90	-	93	93	871	1,515,514	125	94		
MAI NE-----	-	-	-	3	3	3	1	4	-	.90	.90	.30	1.20	-	98	98	654	665,522	168	123		
MARYLAND-----	-	-	-	8	8	8	1	9	-	2.25	2.25	.28	2.53	-	27	27	332	712,293	24	23		
MASSACHUSETTS-----	-	-	-	2	2	2	2	4	-	.70	.70	.70	1.39	-	27	27	482	575,430	100	71		
MI CHI GAN-----	-	-	-	19	19	19	10	29	-	1.85	1.85	.98	2.83	-	69	69	1,636	2,051,105	424	252		
MI NNESOTA-----	-	-	-	9	9	9	7	16	-	1.23	1.23	.95	2.18	-	24	24	1,628	1,467,234	488	291		
MI SSI SSI PPI-----	-	-	-	9	9	9	4	13	-	1.52	1.52	.68	2.20	-	38	38	661	1,181,223	83	55		
MI SSOURI-----	-	-	-	13	13	13	9	22	-	2.92	2.92	2.02	4.94	-	91	91	559	890,264	92	55		
MONTANA-----	-	-	-	4	4	4	6	10	-	1.24	1.24	1.86	3.10	-	26	26	786	644,466	220	110		
NEBRASKA-----	-	-	-	9	9	9	4	13	-	1.99	1.99	.88	2.87	-	52	52	609	905,124	156	60		
NEVADA-----	-	-	-	8	8	8	4	12	-	1.07	1.07	.53	1.60	-	11	11	988	1,499,702	140	60		
NEW HAMPSHI RE-----	-	-	-	5	5	5	2	7	-	1.65	1.65	.66	2.31	-	10	10	451	606,704	100	71		
NEW JERSEY-----	-	-	-	7	7	7	5	12	-	1.12	1.12	.80	1.92	-	51	51	630	1,246,828	57	48		
NEW MEXI CO-----	-	-	-	9	9	9	4	13	-	1.78	1.78	.79	2.58	-	87	87	744	1,008,650	122	72		
NEW YORK-----	-	-	-	22	22	22	9	31	-	1.90	1.90	.78	2.68	-	53	53	1,483	2,312,413	343	189		
NORTH CAROLI NA-----	-	-	-	4	4	4	8	12	-	.62	.62	1.23	1.85	-	26	26	744	1,296,036	96	63		
NORTH DAKOTA-----	-	-	-	4	4	4	1	5	-	1.93	1.93	.48	2.41	-	21	21	371	415,560	106	31		
OHI O-----	-	-	-	16	16	16	7	23	-	1.32	1.32	.58	1.90	-	62	62	1,333	2,417,418	193	152		
OKLAHOMA-----	-	-	-	11	11	11	4	15	-	2.14	2.14	.78	2.92	-	48	48	514	1,026,814	78	55		
OREGON-----	-	-	-	4	4	4	3	7	-	.83	.83	.62	1.45	-	13	13	721	963,546	108	56		
PENNSYLVANI A-----	-	-	-	15	15	15	5	20	-	2.44	2.44	.81	3.25	-	121	121	697	1,232,012	107	74		
PUERTO RI CO-----	-	-	-	7	7	7	-	7	-	3.31	3.31	-	3.31	-	336	336	291	422,607	30	24		
RHODE I SLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145	204,931	16	11		
SOUTH CAROLI NA-----	-	-	-	7	7	7	2	9	-	1.88	1.88	.54	2.41	-	19	19	401	745,761	50	44		
SOUTH DAKOTA-----	-	-	-	8	8	8	1	9	-	2.39	2.39	.30	2.69	-	28	28	494	669,062	130	45		
TENNESSEE-----	-	-	-	6	6	6	6	12	-	1.49	1.49	1.49	2.97	-	101	101	416	807,629	51	39		
TEXAS-----	1	-	2	55	57	58	26	84	.03	1.60	1.62	.73	2.35	168	142	310	3,316	7,143,588	295	230		
UTAH-----	-	-	-	13	13	13	7	20	-	1.18	1.18	.63	1.81	-	49	49	1,501	2,207,040	235	75		
VERMONT-----	-	-	-	1	1	1	-	1	-	.74	.74	-	.74	-	43	43	300	271,755	96	33		
VI RGI NI A-----	-	-	-	1	1	1	2	3	-	.33	.33	.65	.98	-	32	32	333	612,288	48	37		
WASHI NGTON-----	-	-	-	24	24	24	21	45	-	2.11	2.11	1.85	3.96	-	133	133	1,467	2,271,035	211	151		
WEST VI RGI NI A-----	-	-	-	1	1	1	-	1	-	7.00	7.00	-	7.00	-	140	140	14	28,572	2	1		
WI SCONSIN-----	-	-	1	15	16	16	13	29	-	2.02	2.02	1.64	3.66	-	64	64	1,330	1,584,441	399	212		
WYOMI NG-----	-	-	1	7	8	8	7	15	-	2.43	2.43	2.13	4.56	-	42	42	572	658,538	137	47		
TOTAL OR AVERAGE-----	3	-	5	549	554	557	284	841	.01	1.66	1.67	.85	2.52	54	78	132	42,307	66,686,120	7,132	4,238		

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, 2008

WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS					AVERAGE SEVERITY				
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
OPEN PIT:																	
ALABAMA-----	-	-	-	1	1	1	4	5	-	-	-	21	21	21	-	21	21
ALASKA-----	-	-	-	2	2	2	3	5	-	-	-	5	5	5	-	2	2
ARIZONA-----	-	-	-	37	37	37	13	50	-	-	-	1,788	1,788	1,788	-	48	48
ARKANSAS-----	-	-	-	4	4	4	2	6	-	-	-	552	552	552	-	138	138
CALIFORNIA-----	-	-	-	62	62	62	26	88	-	-	-	3,305	3,305	3,305	-	53	53
COLORADO-----	-	-	-	33	33	33	13	46	-	-	-	2,011	2,011	2,011	-	61	61
DELAWARE-----	-	-	-	1	1	1	-	1	-	-	-	36	36	36	-	36	36
FLORIDA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	4	4	4	-	4	-	-	-	45	45	45	-	11	11
IDAHO-----	-	-	-	4	4	4	2	6	-	-	-	116	116	116	-	29	29
ILLINOIS-----	-	-	-	6	6	6	5	11	-	-	-	162	162	162	-	27	27
INDIANA-----	-	-	-	10	10	10	3	13	-	-	-	274	274	274	-	27	27
IOWA-----	-	-	-	6	6	6	2	8	-	-	-	263	263	263	-	44	44
KANSAS-----	-	-	1	1	1	1	-	1	-	-	135	135	135	135	-	135	135
KENTUCKY-----	1	-	-	2	2	3	1	4	6,000	-	-	360	360	6,360	-	180	2,120
LOUISIANA-----	-	-	-	2	2	2	3	5	-	-	-	81	81	81	-	40	40
MAINE-----	-	-	-	3	3	3	1	4	-	-	-	325	325	325	-	108	108
MARYLAND-----	-	-	-	7	7	7	-	7	-	-	-	93	93	93	-	13	13
MASSACHUSETTS-----	-	-	-	2	2	2	2	4	-	-	-	79	79	79	-	40	40
MICHIGAN-----	-	-	-	19	19	19	9	28	-	-	-	708	708	708	-	37	37
MINNESOTA-----	-	-	-	8	8	8	7	15	-	-	-	171	171	171	-	21	21
MISSISSIPPI-----	-	-	-	7	7	7	3	10	-	-	-	192	192	192	-	27	27
MISSOURI-----	-	-	-	6	6	6	1	7	-	-	-	170	170	170	-	28	28
MONTANA-----	-	-	-	4	4	4	6	10	-	-	-	83	83	83	-	21	21
NEBRASKA-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
NEVADA-----	-	-	-	8	8	8	4	12	-	-	-	83	83	83	-	10	10
NEW HAMPSHIRE-----	-	-	-	5	5	5	2	7	-	-	-	31	31	31	-	6	6
NEW JERSEY-----	-	-	-	6	6	6	1	7	-	-	-	316	316	316	-	53	53
NEW MEXICO-----	-	-	-	9	9	9	4	13	-	-	-	439	439	439	-	49	49
NEW YORK-----	-	-	-	21	21	21	9	30	-	-	-	570	570	570	-	27	27
NORTH CAROLINA-----	-	-	-	4	4	4	6	10	-	-	-	171	171	171	-	43	43
NORTH DAKOTA-----	-	-	-	4	4	4	1	5	-	-	-	44	44	44	-	11	11
OHIO-----	-	-	-	9	9	9	3	12	-	-	-	584	584	584	-	65	65
OKLAHOMA-----	-	-	-	3	3	3	2	5	-	-	-	82	82	82	-	27	27
OREGON-----	-	-	-	4	4	4	3	7	-	-	-	65	65	65	-	16	16
PENNSYLVANIA-----	-	-	-	11	11	11	3	14	-	-	-	601	601	601	-	55	55
PUERTO RICO-----	-	-	-	7	7	7	-	7	-	-	-	709	709	709	-	101	101
SOUTH CAROLINA-----	-	-	-	3	3	3	2	5	-	-	-	57	57	57	-	19	19
SOUTH DAKOTA-----	-	-	-	8	8	8	1	9	-	-	-	93	93	93	-	12	12
TENNESSEE-----	-	-	-	4	4	4	5	9	-	-	-	218	218	218	-	54	54
TEXAS-----	-	-	1	45	46	46	23	69	-	-	-	1,562	4,562	4,562	3,000	35	99
UTAH-----	-	-	-	13	13	13	7	20	-	-	3,000	540	540	540	-	42	42
VERMONT-----	-	-	-	1	1	1	-	1	-	-	-	58	58	58	-	58	58
VIRGINIA-----	-	-	-	1	1	1	1	2	-	-	-	99	99	99	-	99	99
WASHINGTON-----	-	-	-	22	22	22	19	41	-	-	-	1,192	1,192	1,192	-	54	54
WISCONSIN-----	-	-	1	15	16	16	12	28	-	-	50	458	508	508	50	31	32
WYOMING-----	-	-	1	7	8	8	7	15	-	-	75	62	137	137	75	9	17
TOTAL OR AVERAGE-----	1	-	4	441	445	446	223	669	6,000	-	3,260	18,884	22,144	28,144	815	43	63

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, 2008 (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	1	-	1	-	-	-	68	68	68	-	68	68
ARIZONA-----	-	-	-	1	1	1	-	1	-	-	-	19	19	19	-	19	19
ARKANSAS-----	-	-	-	1	1	1	-	1	-	-	-	61	61	61	-	61	61
CALIFORNIA-----	-	-	-	5	5	5	-	5	-	-	-	658	658	658	-	132	132
COLORADO-----	-	-	-	2	2	2	3	5	-	-	-	40	40	40	-	20	20
DELAWARE-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	-	20	20
FLORIDA-----	-	-	-	6	6	6	6	12	-	-	-	114	114	114	-	19	19
GEORGIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ILLINOIS-----	-	-	-	3	3	3	-	3	-	-	-	54	54	54	-	18	18
INDIANA-----	-	-	-	9	9	9	1	10	-	-	-	56	56	56	-	6	6
IOWA-----	-	-	-	1	1	1	1	2	-	-	-	16	16	16	-	16	16
KANSAS-----	1	-	-	4	4	5	7	12	6,000	-	-	137	137	6,137	-	34	1,227
KENTUCKY-----	-	-	-	1	1	1	1	2	-	-	-	25	25	25	-	25	25
LOUISIANA-----	-	-	-	14	14	14	3	17	-	-	-	626	626	626	-	45	45
MARYLAND-----	-	-	-	1	1	1	1	2	-	-	-	4	4	4	-	4	4
MICHIGAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MINNESOTA-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
MISSISSIPPI-----	-	-	-	2	2	2	1	3	-	-	-	32	32	32	-	16	16
MISSOURI-----	-	-	-	7	7	7	8	15	-	-	-	237	237	237	-	34	34
NEBRASKA-----	-	-	-	8	8	8	4	12	-	-	-	226	226	226	-	28	28
NEW JERSEY-----	-	-	-	1	1	1	4	5	-	-	-	2	2	2	-	2	2
NORTH CAROLINA-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	7	7	7	4	11	-	-	-	168	168	168	-	24	24
OKLAHOMA-----	-	-	-	8	8	8	2	10	-	-	-	163	163	163	-	20	20
PENNSYLVANIA-----	-	-	-	4	4	4	2	6	-	-	-	147	147	147	-	37	37
SOUTH CAROLINA-----	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	4	4
TENNESSEE-----	-	-	-	1	1	1	-	1	-	-	-	63	63	63	-	63	63
TEXAS-----	1	-	1	10	11	12	3	15	6,000	-	200	319	519	6,519	200	32	543
WASHINGTON-----	-	-	-	1	1	1	1	2	-	-	-	153	153	153	-	153	153
WEST VIRGINIA-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	-	20	20
WISCONSIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	2	-	1	103	104	106	57	163	12,000	-	200	3,441	3,641	15,641	200	33	148

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, 2008 (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	4	6	-	-	-	89	89	89	-	44	44
ALASKA-----	-	-	-	2	2	2	3	5	-	-	-	5	5	5	-	2	2
ARIZONA-----	-	-	-	38	38	38	13	51	-	-	-	1,807	1,807	1,807	-	48	48
ARKANSAS-----	-	-	-	5	5	5	2	7	-	-	-	613	613	613	-	123	123
CALIFORNIA-----	-	-	-	67	67	67	26	93	-	-	-	3,963	3,963	3,963	-	59	59
COLORADO-----	-	-	-	35	35	35	16	51	-	-	-	2,051	2,051	2,051	-	59	59
DELAWARE-----	-	-	-	2	2	2	-	2	-	-	-	56	56	56	-	28	28
FLORIDA-----	-	-	-	6	6	6	8	14	-	-	-	114	114	114	-	19	19
GEORGIA-----	-	-	-	4	4	4	1	5	-	-	-	45	45	45	-	11	11
IDAHO-----	-	-	-	4	4	4	4	6	-	-	-	116	116	116	-	29	29
ILLINOIS-----	-	-	-	9	9	9	5	14	-	-	-	216	216	216	-	24	24
INDIANA-----	-	-	-	19	19	19	4	23	-	-	-	330	330	330	-	17	17
IOWA-----	-	-	-	7	7	7	3	10	-	-	-	279	279	279	-	40	40
KANSAS-----	1	-	1	4	5	6	7	13	6,000	-	135	137	272	6,272	135	34	1,045
KENTUCKY-----	1	-	-	3	3	4	2	6	6,000	-	-	385	385	6,385	-	128	1,596
LOUISIANA-----	-	-	-	16	16	16	6	22	-	-	-	707	707	707	-	44	44
MAINE-----	-	-	-	3	3	3	1	4	-	-	-	325	325	325	-	108	108
MARYLAND-----	-	-	-	8	8	8	1	9	-	-	-	97	97	97	-	12	12
MASSACHUSETTS-----	-	-	-	2	2	2	2	4	-	-	-	79	79	79	-	40	40
MICHIGAN-----	-	-	-	19	19	19	10	29	-	-	-	708	708	708	-	37	37
MINNESOTA-----	-	-	-	9	9	9	7	16	-	-	-	176	176	176	-	20	20
MISSISSIPPI-----	-	-	-	9	9	9	4	13	-	-	-	224	224	224	-	25	25
MISSOURI-----	-	-	-	13	13	13	9	22	-	-	-	407	407	407	-	31	31
MONTANA-----	-	-	-	4	4	4	6	10	-	-	-	83	83	83	-	21	21
NEBRASKA-----	-	-	-	9	9	9	4	13	-	-	-	236	236	236	-	26	26
NEVADA-----	-	-	-	8	8	8	4	12	-	-	-	83	83	83	-	10	10
NEW HAMPSHIRE-----	-	-	-	5	5	5	2	7	-	-	-	31	31	31	-	6	6
NEW JERSEY-----	-	-	-	7	7	7	5	12	-	-	-	318	318	318	-	45	45
NEW MEXICO-----	-	-	-	9	9	9	4	13	-	-	-	439	439	439	-	49	49
NEW YORK-----	-	-	-	21	21	21	9	30	-	-	-	570	570	570	-	27	27
NORTH CAROLINA-----	-	-	-	4	4	4	8	12	-	-	-	171	171	171	-	43	43
NORTH DAKOTA-----	-	-	-	4	4	4	1	5	-	-	-	44	44	44	-	11	11
OHIO-----	-	-	-	16	16	16	7	23	-	-	-	752	752	752	-	47	47
OKLAHOMA-----	-	-	-	11	11	11	4	15	-	-	-	245	245	245	-	22	22
OREGON-----	-	-	-	4	4	4	3	7	-	-	-	65	65	65	-	16	16
PENNSYLVANIA-----	-	-	-	15	15	15	5	20	-	-	-	748	748	748	-	50	50
PUERTO RICO-----	-	-	-	7	7	7	-	7	-	-	-	709	709	709	-	101	101
SOUTH CAROLINA-----	-	-	-	5	5	5	2	7	-	-	-	65	65	65	-	13	13
SOUTH DAKOTA-----	-	-	-	8	8	8	1	9	-	-	-	93	93	93	-	12	12
TENNESSEE-----	-	-	-	5	5	5	5	10	-	-	-	281	281	281	-	56	56
TEXAS-----	1	-	2	55	57	58	26	84	6,000	-	3,200	1,881	5,081	11,081	1,600	34	191
UTAH-----	-	-	-	13	13	13	7	20	-	-	-	540	540	540	-	42	42
VERMONT-----	-	-	-	1	1	1	-	1	-	-	-	58	58	58	-	58	58
VIRGINIA-----	-	-	-	1	1	1	1	2	-	-	-	99	99	99	-	99	99
WASHINGTON-----	-	-	-	23	23	23	20	43	-	-	-	1,345	1,345	1,345	-	58	58
WEST VIRGINIA-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	-	20	20
WISCONSIN-----	-	-	1	15	16	16	13	29	-	-	50	458	508	508	50	31	32
WYOMING-----	-	-	1	7	8	8	7	15	-	-	75	62	137	137	75	9	17
TOTAL OR AVERAGE-----	3	-	5	544	549	552	280	832	18,000	-	3,460	22,325	25,785	43,785	692	41	79
PROCESSING PLANTS:																	
TENNESSEE-----	-	-	-	1	1	1	1	2	-	-	-	127	127	127	-	127	127
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	127	127	127	-	127	127

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, 2008 (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:																	
ARIZONA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEW YORK-----	-	-	-	1	1	1	-	1	-	-	-	42	42	42	-	42	42
SOUTH CAROLINA-----	-	-	-	2	2	2	-	2	-	-	-	7	7	7	-	4	4
VIRGINIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	1	1	1	1	2	-	-	-	164	164	164	-	164	164
TOTAL OR AVERAGE-----	-	-	-	4	4	4	3	7	-	-	-	213	213	213	-	53	53

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, 2008 (CONTINUED)

WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS					AVERAGE SEVERITY				
	FATAL	NFDL				NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY	TOTAL NFDL				PERMANENT		TEMPORARY					TOTAL NFDL	
		TOTAL	PARTIAL						TOTAL	PARTIAL							
GRAND TOTAL OR AVERAGE:																	
ALABAMA-----	-	-	-	2	2	2	4	6	-	-	-	89	89	89	-	44	44
ALASKA-----	-	-	-	2	2	2	3	5	-	-	-	5	5	5	-	2	2
ARIZONA-----	-	-	-	38	38	38	14	52	-	-	-	1,807	1,807	1,807	-	48	48
ARKANSAS-----	-	-	-	5	5	5	2	7	-	-	-	613	613	613	-	123	123
CALIFORNIA-----	-	-	-	67	67	67	26	93	-	-	-	3,963	3,963	3,963	-	59	59
COLORADO-----	-	-	-	35	35	35	16	51	-	-	-	2,051	2,051	2,051	-	59	59
DELAWARE-----	-	-	-	2	2	2	-	2	-	-	-	56	56	56	-	28	28
FLORIDA-----	-	-	-	6	6	6	8	14	-	-	-	114	114	114	-	19	19
GEORGIA-----	-	-	-	4	4	4	1	5	-	-	-	45	45	45	-	11	11
IDAHO-----	-	-	-	4	4	4	2	6	-	-	-	116	116	116	-	29	29
ILLINOIS-----	-	-	-	9	9	9	5	14	-	-	-	216	216	216	-	24	24
INDIANA-----	-	-	-	19	19	19	4	23	-	-	-	330	330	330	-	17	17
IOWA-----	-	-	-	7	7	7	3	10	-	-	-	279	279	279	-	40	40
KANSAS-----	1	-	1	4	5	6	7	13	6,000	-	135	137	272	6,272	135	34	1,045
KENTUCKY-----	1	-	-	3	3	4	2	6	6,000	-	-	385	385	6,385	-	128	1,596
LOUISIANA-----	-	-	-	16	16	16	6	22	-	-	-	707	707	707	-	44	44
MAINE-----	-	-	-	3	3	3	1	4	-	-	-	325	325	325	-	108	108
MARYLAND-----	-	-	-	8	8	8	1	9	-	-	-	97	97	97	-	12	12
MASSACHUSETTS-----	-	-	-	2	2	2	2	4	-	-	-	79	79	79	-	40	40
MICHIGAN-----	-	-	-	19	19	19	10	29	-	-	-	708	708	708	-	37	37
MINNESOTA-----	-	-	-	9	9	9	7	16	-	-	-	176	176	176	-	20	20
MISSISSIPPI-----	-	-	-	9	9	9	4	13	-	-	-	224	224	224	-	25	25
MISSOURI-----	-	-	-	13	13	13	9	22	-	-	-	407	407	407	-	31	31
MONTANA-----	-	-	-	4	4	4	6	10	-	-	-	83	83	83	-	21	21
NEBRASKA-----	-	-	-	9	9	9	4	13	-	-	-	236	236	236	-	26	26
NEVADA-----	-	-	-	8	8	8	4	12	-	-	-	83	83	83	-	10	10
NEW HAMPSHIRE-----	-	-	-	5	5	5	2	7	-	-	-	31	31	31	-	6	6
NEW JERSEY-----	-	-	-	7	7	7	5	12	-	-	-	318	318	318	-	45	45
NEW MEXICO-----	-	-	-	9	9	9	4	13	-	-	-	439	439	439	-	49	49
NEW YORK-----	-	-	-	22	22	22	9	31	-	-	-	612	612	612	-	28	28
NORTH CAROLINA-----	-	-	-	4	4	4	8	12	-	-	-	171	171	171	-	43	43
NORTH DAKOTA-----	-	-	-	4	4	4	1	5	-	-	-	44	44	44	-	11	11
OHIO-----	-	-	-	16	16	16	7	23	-	-	-	752	752	752	-	47	47
OKLAHOMA-----	-	-	-	11	11	11	4	15	-	-	-	245	245	245	-	22	22
OREGON-----	-	-	-	4	4	4	3	7	-	-	-	65	65	65	-	16	16
PENNSYLVANIA-----	-	-	-	15	15	15	5	20	-	-	-	748	748	748	-	50	50
PUERTO RICO-----	-	-	-	7	7	7	-	7	-	-	-	709	709	709	-	101	101
SOUTH CAROLINA-----	-	-	-	7	7	7	2	9	-	-	-	72	72	72	-	10	10
SOUTH DAKOTA-----	-	-	-	8	8	8	1	9	-	-	-	93	93	93	-	12	12
TENNESSEE-----	-	-	-	6	6	6	6	12	-	-	-	408	408	408	-	68	68
TEXAS-----	1	-	2	55	57	58	26	84	6,000	-	3,200	1,881	5,081	11,081	1,600	34	191
UTAH-----	-	-	-	13	13	13	7	20	-	-	-	540	540	540	-	42	42
VERMONT-----	-	-	-	1	1	1	-	1	-	-	-	58	58	58	-	58	58
VIRGINIA-----	-	-	-	1	1	1	2	3	-	-	-	99	99	99	-	99	99
WASHINGTON-----	-	-	-	24	24	24	21	45	-	-	-	1,509	1,509	1,509	-	63	63
WEST VIRGINIA-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	-	20	20
WISCONSIN-----	-	-	1	15	16	16	13	29	-	-	50	458	508	508	50	31	32
WYOMING-----	-	-	1	7	8	8	7	15	-	-	75	62	137	137	75	9	17
TOTAL OR AVERAGE-----	3	-	5	549	554	557	284	841	18,000	-	3,460	22,665	26,125	44,125	692	41	79



TABLE 6. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
SURFACE MINES: OPEN PIT:																
EAR-----	-	-	-	1	1	1	2	3	-	(*)	(*)	.01	.01	-	(*)	(*)
EYE-----	-	-	-	9	9	9	26	35	-	.04	.04	.11	.14	-	(*)	(*)
JAW-----	-	-	-	1	1	1	6	7	-	(*)	(*)	.02	.03	-	(*)	(*)
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	9	10	-	(*)	(*)	.04	.04	-	(*)	(*)
NOSE-----	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	.01	-	(*)	(*)
SCALP-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
SKULL-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
FACE, NEC-----	-	-	-	2	2	2	6	8	-	.01	.01	.02	.03	-	(*)	(*)
HEAD, NEC-----	-	-	-	4	4	4	19	23	-	.02	.02	.08	.09	-	(*)	(*)
NECK-----	-	-	-	8	8	8	2	10	-	.03	.03	.01	.04	-	(*)	(*)
UPPER ARM-----	-	-	-	4	4	4	-	4	-	.02	.02	-	.02	-	(*)	(*)
ELBOW-----	-	-	-	5	5	5	2	7	-	.02	.02	.01	.03	-	(*)	(*)
FOREARM-----	-	-	-	7	7	7	6	13	-	.03	.03	.02	.05	-	(*)	(*)
WRIST-----	-	-	-	12	12	12	8	20	-	.05	.05	.03	.08	-	(*)	(*)
HAND-----	-	-	1	28	29	29	25	54	-	.12	.12	.10	.22	-	(*)	(*)
FINGER(S)-----	-	-	2	70	72	72	53	125	-	.30	.30	.22	.52	-	(*)	(*)
UPPER EXTREMITIES, NEC--	-	-	-	15	15	15	3	18	-	.06	.06	.01	.07	-	(*)	(*)
ABDOMEN-----	-	-	-	1	1	1	2	3	-	(*)	(*)	.01	.01	-	(*)	(*)
BACK-----	-	-	-	92	92	92	11	103	-	.38	.38	.05	.42	-	(*)	(*)
CHEST-----	-	-	-	5	5	5	1	6	-	.02	.02	(*)	.02	-	(*)	(*)
PELVIC REGION-----	-	-	1	13	14	14	1	15	-	.06	.06	(*)	.06	-	(*)	(*)
SHOULDER(S)-----	-	-	-	34	34	34	12	46	-	.14	.14	.05	.19	-	(*)	(*)
TRUNK, NEC-----	-	-	-	7	7	7	1	8	-	.03	.03	(*)	.03	-	(*)	(*)
THIGH-----	-	-	-	3	3	3	4	7	-	.01	.01	.02	.03	-	(*)	(*)
KNEE-----	-	-	-	34	34	34	7	41	-	.14	.14	.03	.17	-	(*)	(*)
LOWER LEG-----	-	-	-	11	11	11	4	15	-	.05	.05	.02	.06	-	(*)	(*)
ANKLE-----	-	-	-	22	22	22	2	24	-	.09	.09	.01	.10	-	(*)	(*)
FOOT-----	-	-	-	10	10	10	1	11	-	.04	.04	(*)	.05	-	(*)	(*)
TOE(S)-----	-	-	-	3	3	3	1	4	-	.01	.01	.01	.02	-	(*)	(*)
LOWER EXTREMITIES, NEC--	-	-	-	9	9	9	3	12	-	.04	.04	.01	.05	-	(*)	(*)
BODY SYSTEMS-----	1	-	-	1	1	2	2	4	(*)	(*)	.01	.02	.02	25	(*)	25
MULTIPLE PARTS OF BODY--	-	-	-	25	25	25	3	28	-	.10	.10	.01	.12	-	(*)	(*)
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
TOTAL OR AVERAGE-----	1	-	4	441	445	446	223	669	(*)	1.83	1.84	.92	2.76	25	91	116

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, 2008 (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	-	-	-	.02	.02	-	-	-
EYE-----	-	-	-	-	-	-	4	4	-	-	-	.09	.09	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	1	2	-	.02	.02	.02	.04	-	(*)	(*)
SCALP-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
FACE, NEC-----	-	-	-	1	1	1	1	1	-	.02	.02	-	.02	-	(*)	(*)
HEAD, NEC-----	-	-	-	2	2	2	2	4	-	.04	.04	.04	.09	-	(*)	(*)
NECK-----	-	-	-	-	-	-	2	2	-	-	-	.04	.04	-	-	-
UPPER ARM-----	-	-	-	1	1	1	1	1	-	.02	.02	.02	.04	-	1	1
ELBOW-----	-	-	-	1	1	1	1	1	-	.02	.02	-	.02	-	(*)	(*)
FOREARM-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)
WRI ST-----	-	-	-	3	3	3	2	5	-	.07	.07	.04	.11	-	(*)	(*)
HAND-----	-	-	-	4	4	4	5	9	-	.09	.09	.11	.20	-	4	4
FINGER(S)-----	-	-	1	15	16	16	17	33	-	.35	.35	.37	.73	-	12	12
UPPER EXTREMITIES, NEC--	-	-	-	3	3	3	1	4	-	.07	.07	.02	.09	-	1	1
ABDOMEN-----	-	-	-	2	2	2	-	2	-	.04	.04	-	.04	-	1	1
BACK-----	-	-	-	13	13	13	6	19	-	.29	.29	.13	.42	-	8	8
CHEST-----	-	-	-	2	2	2	2	4	-	.04	.04	.04	.09	-	1	1
PELVIC REGION-----	-	-	-	2	2	2	-	2	-	.04	.04	-	.04	-	8	8
SHOULDER(S)-----	-	-	-	6	6	6	2	8	-	.13	.13	.04	.18	-	6	6
TRUNK, NEC-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
KNEE-----	-	-	-	15	15	15	1	16	-	.33	.33	.02	.35	-	17	17
LOWER LEG-----	-	-	-	7	7	7	3	10	-	.15	.15	.07	.22	-	2	2
ANKLE-----	-	-	-	8	8	8	1	9	-	.18	.18	.02	.20	-	3	3
FOOT-----	-	-	-	4	4	4	1	5	-	.09	.09	.02	.11	-	4	4
TOE(S)-----	-	-	-	2	2	2	1	3	-	.04	.04	.02	.07	-	1	1
LOWER EXTREMITIES, NEC--	-	-	-	2	2	2	-	2	-	.04	.04	-	.04	-	7	7
BODY SYSTEMS-----	2	-	-	-	-	-	-	2	.04	-	.04	-	.04	265	-	265
MULTIPLE PARTS OF BODY--	-	-	-	8	8	8	2	10	-	.18	.18	.04	.22	-	3	3
TOTAL OR AVERAGE-----	2	-	1	103	104	106	57	163	.04	2.29	2.34	1.26	3.59	265	80	345

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, 2008 (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	1	3	4	-	(*)	(*)	.01	.01	-	(*)	(*)
EYE-----	-	-	-	9	9	9	30	39	-	.03	.03	.10	.14	-	1	1
JAW-----	-	-	-	1	1	1	6	7	-	(*)	(*)	.02	.02	-	(*)	(*)
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	10	12	-	.01	.01	.03	.04	-	1	1
NOSE-----	-	-	-	1	1	1	1	2	-	(*)	(*)	.03	.01	-	(*)	(*)
SCALP-----	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	.01	-	(*)	(*)
SKULL-----	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	(*)	-	(*)	(*)
FACE, NEC-----	-	-	-	3	3	3	6	9	-	.01	.01	.02	.03	-	1	1
HEAD, NEC-----	-	-	-	6	6	6	21	27	-	.02	.02	.07	.09	-	1	1
NECK-----	-	-	-	8	8	8	4	12	-	.03	.03	.01	.04	-	2	2
UPPER ARM-----	-	-	-	5	5	5	5	6	-	.02	.02	(*)	.02	-	1	1
ELBOW-----	-	-	-	6	6	6	2	8	-	.02	.02	.01	.03	-	1	1
FOREARM-----	-	-	-	8	8	8	6	14	-	.03	.03	.02	.05	-	1	1
WRIST-----	-	-	-	15	15	15	10	25	-	.05	.05	.03	.09	-	1	1
HAND-----	-	-	1	32	33	33	30	63	-	.11	.11	.10	.22	-	14	14
FINGER(S)-----	-	-	3	85	88	88	70	158	-	.31	.31	.24	.55	-	9	9
UPPER EXTREMITIES, NEC-----	-	-	-	18	18	18	4	22	-	.06	.06	.01	.08	-	4	4
ABDOMEN-----	-	-	-	3	3	3	3	5	-	.01	.01	.01	.02	-	(*)	(*)
BACK-----	-	-	-	105	105	105	17	122	-	.36	.36	.06	.42	-	13	13
CHEST-----	-	-	-	7	7	7	3	10	-	.02	.02	.01	.03	-	(*)	(*)
PELVIC REGION-----	-	-	1	15	16	16	1	17	-	.06	.06	(*)	.06	-	4	4
SHOULDER(S)-----	-	-	-	40	40	40	14	54	-	.14	.14	.05	.19	-	8	8
TRUNK, NEC-----	-	-	-	7	7	7	2	9	-	.02	.02	.01	.03	-	1	1
THIGH-----	-	-	-	3	3	3	4	7	-	.01	.01	.01	.02	-	(*)	(*)
KNEE-----	-	-	-	49	49	49	8	57	-	.17	.17	.03	.20	-	8	8
LOWER LEG-----	-	-	-	18	18	18	7	25	-	.06	.06	.02	.09	-	1	1
ANKLE-----	-	-	-	30	30	30	3	33	-	.10	.10	.01	.11	-	3	3
FOOT-----	-	-	-	14	14	14	2	16	-	.05	.05	.01	.06	-	2	2
TOE(S)-----	-	-	-	5	5	5	5	7	-	.02	.02	.01	.02	-	(*)	(*)
LOWER EXTREMITIES, NEC-----	-	-	-	11	11	11	3	14	-	.04	.04	.01	.05	-	6	6
BODY SYSTEMS-----	3	-	-	1	1	4	2	6	.01	(*)	.01	.01	.02	63	(*)	63
MULTIPLE PARTS OF BODY-----	-	-	-	33	33	33	5	38	-	.11	.11	.02	.13	-	7	7
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
TOTAL OR AVERAGE-----	3	-	5	544	549	552	280	832	.01	1.91	1.92	.97	2.89	63	90	152
PROCESSING PLANTS:																
EYE-----	-	-	-	-	-	-	1	1	-	-	-	2.12	2.12	-	-	-
KNEE-----	-	-	-	1	1	1	-	1	-	2.12	2.12	-	2.12	-	270	270
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	2.12	2.12	2.12	4.25	-	270	270
OFFICE:																
EYE-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
FINGER(S)-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
BACK-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)
KNEE-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	4	4
FOOT-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	1	1
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)
TOTAL OR AVERAGE-----	-	-	-	4	4	4	3	7	-	.09	.09	.07	.16	-	5	5

TABLE 6. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
GRAND TOTAL OR AVERAGE:	3	-	5	549	554	557	284	841	.01	1.66	1.67	.85	2.52	54	78	132
EAR-----	-	-	-	1	1	1	3	4	-	(*)	(*)	.01	.01	-	(*)	(*)
EYE-----	-	-	-	9	9	9	32	41	-	.03	.03	.10	.12	-	(*)	(*)
JAW-----	-	-	-	1	1	1	6	7	-	(*)	(*)	.02	.02	-	(*)	(*)
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	11	13	-	.01	.01	.03	.04	-	(*)	(*)
NOSE-----	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	.01	-	(*)	(*)
SCALP-----	-	-	-	1	1	1	1	2	-	(*)	(*)	(*)	.01	-	(*)	(*)
SKULL-----	-	-	-	1	1	1	1	1	-	(*)	(*)	(*)	(*)	-	(*)	(*)
FACE, NEC-----	-	-	-	3	3	3	6	9	-	.01	.01	.02	.03	-	(*)	(*)
HEAD, NEC-----	-	-	-	6	6	6	21	27	-	.02	.02	.06	.08	-	(*)	(*)
NECK-----	-	-	-	8	8	8	4	12	-	.02	.02	.01	.04	-	(*)	(*)
UPPER ARM-----	-	-	-	5	5	5	1	6	-	.01	.01	(*)	.02	-	(*)	(*)
ELBOW-----	-	-	-	6	6	6	2	8	-	.02	.02	.01	.02	-	(*)	(*)
FOREARM-----	-	-	-	8	8	8	6	14	-	.02	.02	.02	.04	-	(*)	(*)
WRIST-----	-	-	-	15	15	15	10	25	-	.04	.04	.03	.07	-	(*)	(*)
HAND-----	-	-	1	32	33	33	30	63	-	.10	.10	.09	.19	-	12	12
FINGER(S)-----	-	-	3	85	88	88	71	159	-	.26	.26	.21	.48	-	8	8
UPPER EXTREMITIES, NEC-----	-	-	-	18	18	18	4	22	-	.05	.05	.01	.07	-	3	3
ABDOMEN-----	-	-	-	3	3	3	2	5	-	.01	.01	.01	.01	-	(*)	(*)
BACK-----	-	-	-	106	106	106	17	123	-	.32	.32	.05	.37	-	11	11
CHEST-----	-	-	-	7	7	7	3	10	-	.02	.02	.01	.03	-	(*)	(*)
PELVIC REGION-----	-	-	1	15	16	16	1	17	-	.05	.05	(*)	.05	-	4	4
SHOULDER(S)-----	-	-	-	40	40	40	14	54	-	.12	.12	.04	.16	-	7	7
TRUNK, NEC-----	-	-	-	7	7	7	2	9	-	.02	.02	.01	.03	-	1	1
THIGH-----	-	-	-	3	3	3	4	7	-	.01	.01	.01	.02	-	(*)	(*)
KNEE-----	-	-	-	51	51	51	8	59	-	.15	.15	.02	.18	-	7	7
LOWER LEG-----	-	-	-	18	18	18	7	25	-	.05	.05	.02	.07	-	1	1
ANKLE-----	-	-	-	30	30	30	3	33	-	.09	.09	.01	.10	-	3	3
FOOT-----	-	-	-	15	15	15	2	17	-	.04	.04	.01	.05	-	-	-
TOE(S)-----	-	-	-	5	5	5	2	7	-	.01	.01	.01	.02	-	(*)	(*)
LOWER EXTREMITIES, NEC-----	-	-	-	11	11	11	3	14	-	.03	.03	.01	.04	-	5	5
BODY SYSTEMS-----	3	-	-	1	1	4	2	6	.01	(*)	.01	.01	.02	54	(*)	54
MULTIPLE PARTS OF BODY-----	-	-	-	34	34	34	5	39	-	.10	.10	.01	.12	-	6	6
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)

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, 2008

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
SURFACE MINES:																
OPEN PIT:																
EAR-----	-	-	-	1	1	1	2	3	-	-	6	6	6	-	6	6
EYE-----	-	-	-	9	9	9	26	35	-	-	289	289	289	-	32	32
JAW-----	-	-	-	1	1	1	6	7	-	-	18	18	18	-	18	18
MOUTH/TEETH/TONGUE--	-	-	-	1	1	1	9	10	-	-	227	227	227	-	227	227
NOSE-----	-	-	-	1	1	1	1	2	-	-	2	2	2	-	2	2
SCALP-----	-	-	-	1	1	1	-	1	-	-	19	19	19	-	19	19
SKULL-----	-	-	-	1	1	1	-	1	-	-	2	2	2	-	2	2
FACE, NEC-----	-	-	-	2	2	2	6	8	-	-	251	251	251	-	126	126
HEAD, NEC-----	-	-	-	4	4	4	19	23	-	-	342	342	342	-	86	86
NECK-----	-	-	-	8	8	8	2	10	-	-	450	450	450	-	56	56
UPPER ARM-----	-	-	-	4	4	4	-	4	-	-	224	224	224	-	56	56
ELBOW-----	-	-	-	5	5	5	2	7	-	-	163	163	163	-	33	33
FOREARM-----	-	-	-	7	7	7	6	13	-	-	194	194	194	-	28	28
WRIST-----	-	-	-	12	12	12	8	20	-	-	317	317	317	-	26	26
HAND-----	-	-	-	28	29	29	25	54	-	-	973	3,973	3,973	-	35	137
FINGER(S)-----	-	-	2	70	72	72	53	125	-	3,000	210	1,853	2,063	3,000	105	26
UPPER EXTREMITIES, NEC--	-	-	-	15	15	15	3	18	-	-	1,071	1,071	1,071	-	71	71
ABDOMEN-----	-	-	-	1	1	1	2	3	-	-	21	21	21	-	21	21
BACK-----	-	-	-	92	92	92	11	103	-	-	3,338	3,338	3,338	-	36	36
CHEST-----	-	-	-	5	5	5	1	6	-	-	75	75	75	-	15	15
PELVIC REGION-----	-	-	1	13	14	14	1	15	-	-	852	902	902	50	66	64
SHOULDER(S)-----	-	-	-	34	34	34	12	46	-	50	1,976	1,976	1,976	-	58	58
TRUNK, NEC-----	-	-	-	7	7	7	1	8	-	-	187	187	187	-	27	27
THIGH-----	-	-	-	3	3	3	4	7	-	-	23	23	23	-	8	8
KNEE-----	-	-	-	34	34	34	7	41	-	-	1,435	1,435	1,435	-	42	42
LOWER LEG-----	-	-	-	11	11	11	4	15	-	-	290	290	290	-	26	26
ANKLE-----	-	-	-	22	22	22	2	24	-	-	708	708	708	-	32	32
FOOT-----	-	-	-	10	10	10	1	11	-	-	330	330	330	-	33	33
TOE(S)-----	-	-	-	3	3	3	1	4	-	-	31	31	31	-	10	10
LOWER EXTREMITIES, NEC--	-	-	-	9	9	9	3	12	-	-	1,425	1,425	1,425	-	158	158
BODY SYSTEMS-----	1	-	-	1	1	2	2	4	6,000	-	6	6	6,006	-	6	3,003
MULTIPLE PARTS OF BODY--	-	-	-	25	25	25	3	28	-	-	1,783	1,783	1,783	-	71	71
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	1	-	4	441	445	446	223	669	6,000	-	3,260	18,884	22,144	28,144	815	43

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, 2008 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES							LOST WORKDAYS					AVERAGE SEVERITY					
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL			
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL							
		TOTAL	PARTIAL													TOTAL	PARTIAL	
DREDGE:																		
EAR-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
EYE-----	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-	
MOUTH/TEETH/TONGUE-----	-	-	-	1	1	1	1	1	2	-	-	1	1	-	1	1	1	
SCALP-----	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	
FACE, NEC-----	-	-	-	1	1	1	-	-	1	-	-	5	5	-	5	5	5	
HEAD, NEC-----	-	-	-	2	2	2	2	2	4	-	-	10	10	-	10	10	10	
NECK-----	-	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	
UPPER ARM-----	-	-	-	1	1	1	1	1	2	-	-	25	25	-	25	25	25	
ELBOW-----	-	-	-	1	1	1	-	-	1	-	-	4	4	-	4	4	4	
FOREARM-----	-	-	-	1	1	1	-	-	1	-	-	10	10	-	10	10	10	
WRIST-----	-	-	-	3	3	3	2	5	9	-	-	21	21	-	21	21	21	
HAND-----	-	-	-	4	4	4	5	9	9	-	-	164	164	-	164	164	164	
FINGER(S)-----	-	-	1	15	16	16	17	33	33	-	200	360	560	200	24	35	35	
UPPER EXTREMITIES, NEC-----	-	-	-	3	3	3	1	4	4	-	-	31	31	-	10	10	10	
ABDOMEN-----	-	-	-	2	2	2	-	-	2	-	-	44	44	-	22	22	22	
BACK-----	-	-	-	13	13	13	6	19	19	-	-	359	359	-	28	28	28	
CHEST-----	-	-	-	2	2	2	2	4	4	-	-	46	46	-	23	23	23	
PELVIC REGION-----	-	-	-	2	2	2	2	2	2	-	-	374	374	-	187	187	187	
SHOULDER(S)-----	-	-	-	6	6	6	2	8	8	-	-	271	271	-	45	45	45	
TRUNK, NEC-----	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	
KNEE-----	-	-	-	15	15	15	1	16	16	-	-	771	771	-	51	51	51	
LOWER LEG-----	-	-	-	7	7	7	3	10	10	-	-	99	99	-	14	14	14	
ANKLE-----	-	-	-	8	8	8	1	9	9	-	-	155	155	-	19	19	19	
FOOT-----	-	-	-	4	4	4	1	5	5	-	-	164	164	-	41	41	41	
TOE(S)-----	-	-	-	2	2	2	1	3	3	-	-	58	58	-	29	29	29	
LOWER EXTREMITIES, NEC-----	-	-	-	2	2	2	-	2	2	-	-	320	320	-	160	160	160	
BODY SYSTEMS-----	2	-	-	-	-	-	2	2	2	12,000	-	-	-	-	-	-	6,000	
MULTIPLE PARTS OF BODY-----	-	-	-	8	8	8	2	10	10	-	-	149	149	-	19	19	19	
TOTAL OR AVERAGE-----	2	-	1	103	104	106	57	163	163	12,000	-	200	3,441	3,641	15,641	200	33	148

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, 2008 (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						
TOTAL OR AVERAGE, MINING:																	
EAR-----	-	-	-	1	1	1	3	4	-	-	-	6	6	6	-	6	6
EYE-----	-	-	-	9	9	9	30	39	-	-	-	289	289	289	-	32	32
JAW-----	-	-	-	1	1	1	6	7	-	-	-	18	18	18	-	18	18
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	10	12	-	-	-	228	228	228	-	114	114
NOSE-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
SCALP-----	-	-	-	1	1	1	1	2	-	-	-	19	19	19	-	19	19
SKULL-----	-	-	-	1	1	1	-	9	-	-	-	2	2	2	-	2	2
FACE, NEC-----	-	-	-	3	3	3	6	9	-	-	-	256	256	256	-	85	85
HEAD, NEC-----	-	-	-	6	6	6	21	27	-	-	-	352	352	352	-	59	59
NECK-----	-	-	-	8	8	8	4	12	-	-	-	450	450	450	-	56	56
UPPER ARM-----	-	-	-	5	5	5	1	6	-	-	-	249	249	249	-	50	50
ELBOW-----	-	-	-	6	6	6	2	8	-	-	-	167	167	167	-	28	28
FOREARM-----	-	-	-	8	8	8	6	14	-	-	-	204	204	204	-	26	26
WRIST-----	-	-	-	15	15	15	10	25	-	-	-	338	338	338	-	23	23
HAND-----	-	-	1	32	33	33	30	63	-	-	3,000	1,137	4,137	4,137	3,000	36	125
FINGER(S)-----	-	-	3	85	88	88	70	158	-	-	410	2,213	2,623	2,623	137	26	30
UPPER EXTREMITIES, NEC-----	-	-	-	18	18	18	4	22	-	-	-	1,102	1,102	1,102	-	61	61
ABDOMEN-----	-	-	-	3	3	3	2	5	-	-	-	65	65	65	-	22	22
BACK-----	-	-	-	105	105	105	17	122	-	-	-	3,697	3,697	3,697	-	35	35
CHEST-----	-	-	-	7	7	7	3	10	-	-	-	121	121	121	-	17	17
PELVIC REGION-----	-	-	1	15	16	16	1	17	-	-	50	1,226	1,276	1,276	50	82	80
SHOULDER(S)-----	-	-	-	40	40	40	14	54	-	-	-	2,247	2,247	2,247	-	56	56
TRUNK, NEC-----	-	-	-	7	7	7	2	9	-	-	-	187	187	187	-	27	27
THIGH-----	-	-	-	3	3	3	4	7	-	-	-	23	23	23	-	8	8
KNEE-----	-	-	-	49	49	49	8	57	-	-	-	2,206	2,206	2,206	-	45	45
LOWER LEG-----	-	-	-	18	18	18	7	25	-	-	-	389	389	389	-	22	22
ANKLE-----	-	-	-	30	30	30	3	33	-	-	-	863	863	863	-	29	29
FOOT-----	-	-	-	14	14	14	2	16	-	-	-	494	494	494	-	35	35
TOE(S)-----	-	-	-	5	5	5	2	7	-	-	-	89	89	89	-	18	18
LOWER EXTREMITIES, NEC-----	-	-	-	11	11	11	3	14	-	-	-	1,745	1,745	1,745	-	159	159
BODY SYSTEMS-----	3	-	-	1	1	1	4	2	18,000	-	-	6	6	18,006	-	6	4,502
MULTIPLE PARTS OF BODY-----	-	-	-	33	33	33	5	38	-	-	-	1,932	1,932	1,932	-	59	59
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	3	-	5	544	549	552	280	832	18,000	-	3,460	22,325	25,785	43,785	692	41	79
PROCESSING PLANTS:																	
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	127	127	127	-	127	127
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	127	127	127	-	127	127
OFFICE:																	
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FINGER(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BACK-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	164	164	164	-	164	164
FOOT-----	-	-	-	1	1	1	-	1	-	-	-	42	42	42	-	42	42
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	4	4	4	3	7	-	-	-	213	213	213	-	53	53

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, 2008 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:	-	-	-	1	1	1	3	4	-	-	-	6	6	6	-	6	6
EAR-----	-	-	-	1	1	1	3	4	-	-	-	6	6	6	-	6	6
EYE-----	-	-	-	9	9	9	32	41	-	-	-	289	289	289	-	32	32
JAW-----	-	-	-	1	1	1	6	7	-	-	-	18	18	18	-	18	18
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	11	13	-	-	-	228	228	228	-	114	114
NOSE-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
SCALP-----	-	-	-	1	1	1	1	2	-	-	-	19	19	19	-	19	19
SKULL-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
FACE, NEC-----	-	-	-	3	3	3	6	9	-	-	-	256	256	256	-	85	85
HEAD, NEC-----	-	-	-	6	6	6	21	27	-	-	-	352	352	352	-	59	59
NECK-----	-	-	-	8	8	8	4	12	-	-	-	450	450	450	-	56	56
UPPER ARM-----	-	-	-	5	5	5	1	6	-	-	-	249	249	249	-	50	50
ELBOW-----	-	-	-	6	6	6	2	8	-	-	-	167	167	167	-	28	28
FOREARM-----	-	-	-	8	8	8	6	14	-	-	-	204	204	204	-	26	26
WRIST-----	-	-	-	15	15	15	10	25	-	-	-	338	338	338	-	23	23
HAND-----	-	-	1	32	33	33	30	63	-	-	3,000	1,137	4,137	4,137	3,000	36	125
FINGER(S)-----	-	-	3	85	88	88	71	159	-	-	410	2,213	2,623	2,623	137	26	30
UPPER EXTREMITIES, NEC-----	-	-	-	18	18	18	4	22	-	-	-	1,102	1,102	1,102	-	61	61
ABDOMEN-----	-	-	-	3	3	3	2	5	-	-	-	65	65	65	-	22	22
BACK-----	-	-	-	106	106	106	17	123	-	-	-	3,699	3,699	3,699	-	35	35
CHEST-----	-	-	-	7	7	7	3	10	-	-	-	121	121	121	-	17	17
PELVIC REGION-----	-	-	1	15	16	16	1	17	-	-	50	1,226	1,276	1,276	50	82	80
SHOULDER(S)-----	-	-	-	40	40	40	14	54	-	-	-	2,247	2,247	2,247	-	56	56
TRUNK, NEC-----	-	-	-	7	7	7	2	9	-	-	-	187	187	187	-	27	27
THIGH-----	-	-	-	3	3	3	4	7	-	-	-	23	23	23	-	8	8
KNEE-----	-	-	-	51	51	51	8	59	-	-	-	2,497	2,497	2,497	-	49	49
LOWER LEG-----	-	-	-	18	18	18	7	25	-	-	-	389	389	389	-	22	22
ANKLE-----	-	-	-	30	30	30	3	33	-	-	-	863	863	863	-	29	29
FOOT-----	-	-	-	15	15	15	2	17	-	-	-	536	536	536	-	36	36
TOE(S)-----	-	-	-	5	5	5	2	7	-	-	-	89	89	89	-	18	18
LOWER EXTREMITIES, NEC-----	-	-	-	11	11	11	3	14	-	-	-	1,745	1,745	1,745	-	159	159
BODY SYSTEMS-----	3	-	-	1	1	4	2	6	18,000	-	-	6	6	18,006	-	6	4,502
MULTIPLE PARTS OF BODY-----	-	-	-	34	34	34	5	39	-	-	-	1,937	1,937	1,937	-	57	57
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	3	-	5	549	554	557	284	841	18,000	-	3,460	22,665	26,125	44,125	692	41	79



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, 2008

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													
<b>SURFACE MINES:</b>																
<b>OPEN PIT:</b>																
AMPUTATION/ENUCLEATION--	-	-	3	-	3	3	-	3	-	.01	.01	-	.01	-	13	13
ASPHYXIATION/DROWNING--	1	-	-	-	-	1	-	1	(*)	-	(*)	-	(*)	25	-	25
BURN/SCALD (NOT CHEM.)--	-	-	-	10	10	10	5	15	-	.04	.04	.02	.06	-	1	-
CHEMICAL BURN--	-	-	-	-	-	-	4	4	-	-	-	.02	.02	-	-	-
CONCUSSION (CEREBRAL)--	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE--	-	-	-	52	52	52	23	75	-	.21	.21	.09	.31	-	9	9
CUT OR PUNCTURE--	-	-	-	73	73	73	107	180	-	.30	.30	.44	.74	-	4	4
DISLOCATION--	-	-	-	5	5	5	1	6	-	.02	.02	(*)	.02	-	1	1
DUST IN EYE--	-	-	-	-	-	-	5	5	-	-	-	.02	.02	-	-	-
ELECTRIC SHOCK--	-	-	-	1	1	1	-	1	-	(*)	(*)	-	-	-	(*)	(*)
ELECT. BURN (CONTACT)--	-	-	-	1	1	1	-	1	-	(*)	(*)	-	-	-	(*)	(*)
FRACTURE--	-	-	-	61	61	61	22	83	-	.25	.25	.09	.34	-	19	19
HERNIA (NOT DISC)--	-	-	1	4	5	5	-	5	-	.02	.02	-	.02	-	1	1
POISONING (SYSTEMIC)--	-	-	-	-	-	-	2	2	-	-	-	.01	.01	-	-	-
RADIATION/ULTRAVIOLET--	-	-	-	6	6	6	1	7	-	.02	.02	(*)	.03	-	(*)	(*)
SCRATCH/ABRASION--	-	-	-	6	6	6	5	11	-	.02	.02	.02	.05	-	1	1
STRAIN/SPRAIN--	-	-	-	172	172	172	25	197	-	.71	.71	.10	.81	-	29	29
MULTIPLE INJURIES--	-	-	-	15	15	15	10	25	-	.06	.06	.04	.10	-	4	4
OTHER INJURY, NEC--	-	-	-	3	3	3	5	8	-	.01	.01	.02	.03	-	1	1
UNCLASSIFIED (NO DATA)--	-	-	-	30	30	30	8	38	-	.12	.12	.03	.16	-	9	9
TOTAL OR AVERAGE-----	1	-	4	441	445	446	223	669	(*)	1.83	1.84	.92	2.76	25	91	116
<b>DREDGE:</b>																
AMPUTATION/ENUCLEATION--	-	-	1	-	1	1	-	1	-	.02	.02	-	.02	-	4	4
ASPHYXIATION/DROWNING--	2	-	-	-	-	2	-	2	.04	-	.04	-	.04	265	-	265
BURN/SCALD (NOT CHEM.)--	-	-	-	4	4	4	2	6	-	.09	.09	.04	.13	-	1	1
CONTUSION OR BRUISE--	-	-	-	10	10	10	4	14	-	.22	.22	.09	.31	-	13	13
CUT OR PUNCTURE--	-	-	-	13	13	13	26	39	-	.29	.29	.57	.86	-	4	4
DISLOCATION--	-	-	-	3	3	3	1	4	-	.07	.07	.02	.09	-	3	3
DUST IN EYE--	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
FRACTURE--	-	-	-	18	18	18	2	20	-	.40	.40	.04	.44	-	20	20
HERNIA (NOT DISC)--	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)
RADIATION/ULTRAVIOLET--	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
SCRATCH/ABRASION--	-	-	-	1	1	1	1	2	-	.02	.02	.02	.04	-	(*)	(*)
STRAIN/SPRAIN--	-	-	-	44	44	44	14	58	-	.97	.97	.31	1.28	-	30	30
MULTIPLE INJURIES--	-	-	-	5	5	5	1	6	-	.11	.11	.02	.13	-	6	6
UNCLASSIFIED (NO DATA)--	-	-	-	4	4	4	4	8	-	.09	.09	.09	.18	-	(*)	(*)
TOTAL OR AVERAGE-----	2	-	1	103	104	106	57	163	.04	2.29	2.34	1.26	3.59	265	80	345

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, 2008 (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-----	-	-	4	-	4	4	-	4	-	.01	.01	-	.01	-	12	12
ASPHYXIATION/DROWNING-----	3	-	-	-	-	3	-	3	.01	-	.01	-	.01	-	-	63
BURN/SCALD (NOT CHEM.)-----	-	-	-	14	14	14	7	21	-	.05	.05	.02	.07	-	1	1
CHEMICAL BURN-----	-	-	-	-	-	-	4	4	-	-	-	.01	.01	-	-	-
CONCUSSION (CEREBRAL)-----	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE-----	-	-	-	62	62	62	27	89	-	.22	.22	.09	.31	-	9	9
CUT OR PUNCTURE-----	-	-	-	86	86	86	133	219	-	.30	.30	.46	.76	-	4	4
DISLOCATION-----	-	-	-	8	8	8	2	10	-	.03	.03	.01	.03	-	1	1
DUST IN EYE-----	-	-	-	-	-	-	6	6	-	-	-	.02	.02	-	-	-
ELECTRIC SHOCK-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
FRACTURE-----	-	-	-	79	79	79	24	103	-	.27	.27	.08	.36	-	19	19
HERNIA (NOT DISC)-----	-	-	1	5	6	6	-	6	-	.02	.02	-	.02	-	1	1
POISONING (SYSTEMIC)-----	-	-	-	-	-	-	2	2	-	-	-	.01	.01	-	-	-
RADIATION/ULTRA VIOLET-----	-	-	-	6	6	6	2	8	-	.02	.02	.01	.03	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	7	7	7	6	13	-	.02	.02	.02	.05	-	1	1
STRAIN/SPRAIN-----	-	-	-	216	216	216	39	255	-	.75	.75	.14	.89	-	29	29
MULTIPLE INJURIES-----	-	-	-	20	20	20	11	31	-	.07	.07	.04	.11	-	4	4
OTHER INJURY, NEC-----	-	-	-	3	3	3	5	8	-	.01	.01	.02	.03	-	1	1
UNCLASSIFIED (NO DATA)-----	-	-	-	34	34	34	12	46	-	.12	.12	.04	.16	-	7	7
TOTAL OR AVERAGE-----	3	-	5	544	549	552	280	832	.01	1.91	1.92	.97	2.89	63	90	152
PROCESSING PLANTS:																
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	2.12	2.12	-	-	-
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	2.12	2.12	-	2.12	-	270	270
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	2.12	2.12	2.12	4.25	-	270	270
OFFICE:																
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	1	1
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	.04	.04	-	-	-
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	4	4
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)
TOTAL OR AVERAGE-----	-	-	-	4	4	4	3	7	-	.09	.09	.07	.16	-	5	5

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, 2008 (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													
GRAND TOTAL OR AVERAGE:-----	3	-	5	549	554	557	284	841	.01	1.66	1.67	.85	2.52	54	78	132
AMPUTATION/ENUCLEATION-----	-	-	4	-	4	4	-	4	-	.01	.01	-	.01	-	10	10
ASPHYXIATION/DROWNING-----	3	-	-	-	-	3	-	3	.01	-	.01	-	.01	54	-	54
BURN/SCALD (NOT CHEM.)-----	-	-	-	14	14	14	7	21	-	.04	.04	.02	.06	-	1	1
CHEMICAL BURN-----	-	-	-	-	-	-	5	5	-	-	-	.01	.01	-	-	-
CONCUSSION (CEREBRAL)-----	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE-----	-	-	-	63	63	63	27	90	-	.19	.19	.08	.27	-	8	8
CUT OR PUNCTURE-----	-	-	-	86	86	86	136	222	-	.26	.26	.41	.67	-	3	3
DISLOCATION-----	-	-	-	8	8	8	2	10	-	.02	.02	.01	.03	-	1	1
DUST IN EYE-----	-	-	-	-	-	-	6	6	-	-	-	.02	.02	-	-	-
ELECTRIC SHOCK-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
FRACTURE-----	-	-	-	79	79	79	24	103	-	.24	.24	.07	.31	-	16	16
HERNIA (NOT DISC)-----	-	-	1	5	6	6	-	6	-	.02	.02	-	.02	-	1	1
POISONING (SYSTEMIC)-----	-	-	-	-	-	-	2	2	-	-	-	.01	.01	-	-	-
RADIATION/ULTRA VIOLET-----	-	-	-	6	6	6	2	8	-	-	-	.01	.02	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	7	7	7	6	13	-	.02	.02	.01	.02	-	1	1
STRAIN/SPRAIN-----	-	-	-	218	218	218	39	257	-	.65	.65	.12	.77	-	26	26
MULTIPLE INJURIES-----	-	-	-	21	21	21	11	32	-	.06	.06	.03	.10	-	3	3
OTHER INJURY, NEC-----	-	-	-	3	3	3	5	8	-	.01	.01	.01	.02	-	1	1
UNCLASSIFIED (NO DATA)-----	-	-	-	35	35	35	12	47	-	.10	.10	.04	.14	-	6	6

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, 2008

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>SURFACE MINES:</b>																	
OPEN PIT:																	
AMPUTATION/ENUCLEATION	-	-	3	-	3	3	-	3	-	-	3,210	-	3,210	3,210	1,070	-	1,070
ASPHYXIATION/DROWNING	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)	-	-	-	10	10	10	5	15	-	-	-	254	254	254	-	25	25
CHEMICAL BURN	-	-	-	-	2	2	4	4	-	-	-	-	7	-	-	-	-
CONCUSSION (CEREBRAL)	-	-	-	2	2	2	-	2	-	-	-	7	7	7	-	4	4
CONTUSION OR BRUISE	-	-	-	52	52	52	23	75	-	-	-	2,091	2,091	2,091	-	40	40
CUT OR PUNCTURE	-	-	-	73	73	73	107	180	-	-	-	962	962	962	-	13	13
DISLOCATION	-	-	-	5	5	5	1	6	-	-	-	194	194	194	-	39	39
DUST IN EYE	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
ELECTRIC SHOCK	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
FRACTURE	-	-	-	61	61	61	22	83	-	-	-	4,575	4,575	4,575	-	75	75
HERNIA (NOT DISC)	-	-	1	4	5	5	-	5	-	50	136	-	186	186	50	34	37
POISONING (SYSTEMIC)	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
RADIATION/ULTRA VIOLET	-	-	-	6	6	6	1	7	-	-	-	26	26	26	-	4	4
SCRATCH/ABRASION	-	-	-	6	6	6	5	11	-	-	-	222	222	222	-	37	37
STRAIN/SPRAIN	-	-	-	172	172	172	25	197	-	-	-	7,070	7,070	7,070	-	41	41
MULTIPLE INJURIES	-	-	-	15	15	15	10	25	-	-	-	903	903	903	-	60	60
OTHER INJURY, NEC	-	-	-	3	3	3	5	8	-	-	-	276	276	276	-	92	92
UNCLASSIFIED (NO DATA)	-	-	-	30	30	30	8	38	-	-	-	2,135	2,135	2,135	-	71	71
TOTAL OR AVERAGE	1	-	4	441	445	446	223	669	6,000	-	3,260	18,884	22,144	28,144	815	43	63
<b>DREDGE:</b>																	
AMPUTATION/ENUCLEATION	-	-	1	-	1	1	-	1	-	-	200	-	200	200	200	-	200
ASPHYXIATION/DROWNING	2	-	-	-	2	2	-	2	12,000	-	-	-	-	12,000	-	-	12,000
BURN/SCALD (NOT CHEM.)	-	-	-	4	4	4	2	6	-	-	-	37	37	37	-	9	9
CONTUSION OR BRUISE	-	-	-	10	10	10	4	14	-	-	-	573	573	573	-	57	57
CUT OR PUNCTURE	-	-	-	13	13	13	26	39	-	-	-	166	166	166	-	13	13
DISLOCATION	-	-	-	3	3	3	1	4	-	-	-	129	129	129	-	43	43
DUST IN EYE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE	-	-	-	18	18	18	2	20	-	-	-	893	893	893	-	50	50
HERNIA (NOT DISC)	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
RADIATION/ULTRA VIOLET	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SCRATCH/ABRASION	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
STRAIN/SPRAIN	-	-	-	44	44	44	14	58	-	-	-	1,349	1,349	1,349	-	31	31
MULTIPLE INJURIES	-	-	-	5	5	5	1	6	-	-	-	259	259	259	-	52	52
UNCLASSIFIED (NO DATA)	-	-	-	4	4	4	4	8	-	-	-	17	17	17	-	4	4
TOTAL OR AVERAGE	2	-	1	103	104	106	57	163	12,000	-	200	3,441	3,641	15,641	200	33	148

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, 2008 (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-----	-	-	4	-	4	4	-	4	-	-	3,410	-	3,410	3,410	852	-	852
ASPHYXIATION/DROWNING-----	3	-	-	-	-	3	-	3	18,000	-	-	-	-	18,000	-	-	6,000
BURN/SCALD (NOT CHEM.)-----	-	-	-	14	14	14	7	21	-	-	-	291	291	291	-	21	21
CHEMICAL BURN-----	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
CONCUSSION (CEREBRAL)-----	-	-	-	2	2	2	-	2	-	-	7	7	7	7	-	4	4
CONTUSION OR BRUISE-----	-	-	-	62	62	62	27	89	-	-	2,664	2,664	2,664	2,664	-	43	43
CUT OR PUNCTURE-----	-	-	-	86	86	86	133	219	-	-	1,128	1,128	1,128	1,128	-	13	13
DISLOCATION-----	-	-	-	8	8	8	2	10	-	-	323	323	323	323	-	40	40
DUST IN EYE-----	-	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-
ELECTRIC SHOCK-----	-	-	-	1	1	1	-	1	-	-	6	6	6	6	-	6	6
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	27	27	27	27	-	27	27
FRACTURE-----	-	-	-	79	79	79	24	103	-	-	5,468	5,468	5,468	5,468	-	69	69
HERNIA (NOT DISC)-----	-	-	1	5	6	6	-	6	-	-	152	202	202	202	50	30	34
POISONING (SYSTEMIC)-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
RADIATION/ULTRA VIOLET-----	-	-	-	6	6	6	2	8	-	-	26	26	26	26	-	4	4
SCRATCH/ABRASION-----	-	-	-	7	7	7	6	13	-	-	224	224	224	224	-	32	32
STRAIN/SPRAIN-----	-	-	-	216	216	216	39	255	-	-	8,419	8,419	8,419	8,419	-	39	39
MULTIPLE INJURIES-----	-	-	-	20	20	20	11	31	-	-	1,162	1,162	1,162	1,162	-	58	58
OTHER INJURY, NEC-----	-	-	-	3	3	3	5	8	-	-	276	276	276	276	-	92	92
UNCLASSIFIED (NO DATA)-----	-	-	-	34	34	34	12	46	-	-	2,152	2,152	2,152	2,152	-	63	63
TOTAL OR AVERAGE-----	3	-	5	544	549	552	280	832	18,000	-	3,460	22,325	25,785	43,785	692	41	79
PROCESSING PLANTS:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	127	127	127	127	-	127	127
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	127	127	127	127	-	127	127
OFFICE:																	
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	42	42	42	42	-	42	42
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	164	164	164	164	-	164	164
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	5	5	5	5	-	5	5
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	2	2	2	2	-	2	2
TOTAL OR AVERAGE-----	-	-	-	4	4	4	3	7	-	-	213	213	213	213	-	53	53

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, 2008 (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						
GRAND TOTAL OR AVERAGE:-----	3	-	5	549	554	557	284	841	18,000	-	3,460	22,665	26,125	44,125	692	41	79
AMPUTATION/ENUCLEATION-----	-	-	4	-	4	4	-	4	-	-	3,410	-	3,410	3,410	852	-	852
ASPHYXIATION/DROWNING-----	3	-	-	-	-	3	-	3	18,000	-	-	-	-	18,000	-	-	6,000
BURN/SCALD (NOT CHEM.)-----	-	-	-	14	14	14	7	21	-	-	-	291	291	291	-	21	21
CHEMICAL BURN-----	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
CONCUSSION (CEREBRAL)-----	-	-	2	2	2	2	-	2	-	-	7	7	7	7	-	4	4
CONTUSION OR BRUISE-----	-	-	-	63	63	63	27	90	-	-	2,706	2,706	2,706	2,706	-	43	43
CUT OR PUNCTURE-----	-	-	-	86	86	86	136	222	-	-	1,128	1,128	1,128	1,128	-	13	13
DISLOCATION-----	-	-	-	8	8	8	2	10	-	-	323	323	323	323	-	40	40
DUST IN EYE-----	-	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-
ELECTRIC SHOCK-----	-	-	-	1	1	1	-	1	-	-	6	6	6	6	-	6	6
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	27	27	27	27	-	27	27
FRACTURE-----	-	-	-	79	79	79	24	103	-	-	5,468	5,468	5,468	5,468	-	69	69
HERNIA (NOT DISC)-----	-	-	1	5	6	6	-	6	-	-	152	202	202	202	50	30	34
POISONING (SYSTEMIC)-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
RADIATION/ULTRAVIOLET-----	-	-	-	6	6	6	2	8	-	-	26	26	26	26	-	4	4
SCRATCH/ABRASION-----	-	-	-	7	7	7	6	13	-	-	224	224	224	224	-	32	32
STRAIN/SPRAIN-----	-	-	-	218	218	218	39	257	-	-	8,710	8,710	8,710	8,710	-	40	40
MULTIPLE INJURIES-----	-	-	-	21	21	21	11	32	-	-	1,167	1,167	1,167	1,167	-	56	56
OTHER INJURY, NEC-----	-	-	-	3	3	3	5	8	-	-	276	276	276	276	-	92	92
UNCLASSIFIED (NO DATA)-----	-	-	-	35	35	35	12	47	-	-	2,154	2,154	2,154	2,154	-	62	62

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, 2008

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.)----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
UNCLASSIFIED (NO DATA)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	-	6	6	6	-	6	6
EYE:																	
CHEMICAL BURN-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	1	1	1	13	14	-	-	-	1	1	1	-	1	1
DUST IN EYE-----	-	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-
RADIATION/ULTRA VIOLET-----	-	-	-	4	4	4	2	6	-	-	-	7	7	7	-	2	2
SCRATCH/ABRASION-----	-	-	-	2	2	2	3	5	-	-	-	7	7	7	-	4	4
OTHER INJURY, NEC-----	-	-	-	2	2	2	3	5	-	-	-	274	274	274	-	137	137
UNCLASSIFIED (NO DATA)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	9	9	9	32	41	-	-	-	289	289	289	-	32	32
JAW:																	
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
TOTAL OR AVERAGE-----	-	-	-	1	1	1	6	7	-	-	-	18	18	18	-	18	18
MOUTH/TEETH/TONGUE:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	2	2	2	4	6	-	-	-	228	228	228	-	114	114
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	2	2	2	11	13	-	-	-	228	228	228	-	114	114
NOSE:																	
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
SCALP:																	
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	19	19	19	-	19	19
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	19	19	19	-	19	19
SKULL:																	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	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, 2008 (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						
FACE, NEC:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	243	243	243	-	243	243
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	3	3	3	6	9	-	-	-	256	256	256	-	85	85
HEAD, NEC:																	
CONCUSSION (CEREBRAL)----	-	-	-	2	2	2	-	2	-	-	-	7	7	7	-	4	4
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	1	1	1	19	20	-	-	-	5	5	5	-	5	5
MULTIPLE INJURIES-----	-	-	-	1	1	1	1	2	-	-	-	332	332	332	-	332	332
UNCLASSIFIED (NO DATA)----	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	4	4
TOTAL OR AVERAGE-----	-	-	-	6	6	6	21	27	-	-	-	352	352	352	-	59	59
NECK:																	
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
STRAIN/SPRAIN-----	-	-	-	6	6	6	2	8	-	-	-	437	437	437	-	73	73
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	1	2	-	-	-	8	8	8	-	8	8
TOTAL OR AVERAGE-----	-	-	-	8	8	8	4	12	-	-	-	450	450	450	-	56	56
UPPER ARM:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	-	1	-	-	-	38	38	38	-	38	38
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	4	4	4	-	4	-	-	-	211	211	211	-	53	53
TOTAL OR AVERAGE-----	-	-	-	5	5	5	1	6	-	-	-	249	249	249	-	50	50
ELBOW:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
FRACTURE-----	-	-	-	2	2	2	1	3	-	-	-	145	145	145	-	72	72
STRAIN/SPRAIN-----	-	-	-	2	2	2	1	3	-	-	-	11	11	11	-	6	6
TOTAL OR AVERAGE-----	-	-	-	6	6	6	2	8	-	-	-	167	167	167	-	28	28



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, 2008 (CONTINUED)

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>FOREARM:</b>																	
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	2	2	2	5	7	-	-	-	15	15	15	-	8	8
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	139	139	139	-	46	46
SCRATCH/ABRASION-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	23	23	23	-	23	23
TOTAL OR AVERAGE-----	-	-	-	8	8	8	6	14	-	-	-	204	204	204	-	26	26
<b>WRIST:</b>																	
BURN/SCALD (NOT CHEM.)----	-	-	-	2	2	2	-	2	-	-	-	11	11	11	-	6	6
CONTUSION OR BRUISE-----	-	-	-	2	2	2	2	4	-	-	-	14	14	14	-	7	7
CUT OR PUNCTURE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
FRACTURE-----	-	-	-	2	2	2	3	5	-	-	-	102	102	102	-	51	51
STRAIN/SPRAIN-----	-	-	-	7	7	7	2	9	-	-	-	178	178	178	-	25	25
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
TOTAL OR AVERAGE-----	-	-	-	15	15	15	10	25	-	-	-	338	338	338	-	23	23
<b>HAND:</b>																	
AMPUTATION/ENUCLEATION----	-	-	1	-	1	1	-	1	-	-	3,000	-	3,000	3,000	3,000	-	3,000
BURN/SCALD (NOT CHEM.)----	-	-	-	5	5	5	2	7	-	-	-	65	65	65	-	13	13
CONTUSION OR BRUISE-----	-	-	-	7	7	7	3	10	-	-	-	666	666	666	-	95	95
CUT OR PUNCTURE-----	-	-	-	13	13	13	23	36	-	-	-	158	158	158	-	12	12
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
FRACTURE-----	-	-	-	3	3	3	1	4	-	-	-	169	169	169	-	56	56
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	46	46	46	-	46	46
UNCLASSIFIED (NO DATA)----	-	-	-	2	2	2	1	3	-	-	-	6	6	6	-	3	3
TOTAL OR AVERAGE-----	-	-	1	32	33	33	30	63	-	-	3,000	1,137	4,137	4,137	3,000	36	125
<b>FINGER(S):</b>																	
AMPUTATION/ENUCLEATION----	-	-	3	-	3	3	-	3	-	-	410	-	410	410	137	-	137
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
CONTUSION OR BRUISE-----	-	-	-	11	11	11	8	19	-	-	-	489	489	489	-	44	44
CUT OR PUNCTURE-----	-	-	-	44	44	44	45	89	-	-	-	716	716	716	-	16	16
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
FRACTURE-----	-	-	-	19	19	19	12	31	-	-	-	681	681	681	-	36	36
RADIATION/ULTRA VIOLET-----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	45	45	45	-	45	45
MULTIPLE INJURIES-----	-	-	-	6	6	6	6	12	-	-	-	59	59	59	-	10	10
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	181	181	181	-	181	181
TOTAL OR AVERAGE-----	-	-	3	85	88	88	71	159	-	-	410	2,213	2,623	2,623	137	26	30

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, 2008 (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						
UPPER EXTREMITIES, NEC:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	96	96	96	-	48	
CUT OR PUNCTURE-----	-	-	-	5	5	5	1	6	-	-	-	24	24	24	-	5	
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	384	384	384	-	128	
SCRATCH/ABRASION-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	
STRAIN/SPRAIN-----	-	-	-	4	4	4	-	4	-	-	-	285	285	285	-	71	
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	2	5	-	-	-	311	311	311	-	104	
TOTAL OR AVERAGE-----	-	-	-	18	18	18	4	22	-	-	-	1,102	1,102	1,102	-	61	
ABDOMEN:																	
CUT OR PUNCTURE-----	-	-	-	2	2	2	-	2	-	-	-	44	44	44	-	22	
STRAIN/SPRAIN-----	-	-	-	1	1	1	2	3	-	-	-	21	21	21	-	21	
TOTAL OR AVERAGE-----	-	-	-	3	3	3	2	5	-	-	-	65	65	65	-	22	
BACK:																	
CONTUSION OR BRUISE-----	-	-	-	7	7	7	-	7	-	-	-	156	156	156	-	22	
STRAIN/SPRAIN-----	-	-	-	85	85	85	16	101	-	-	-	2,835	2,835	2,835	-	33	
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	
UNCLASSIFIED (NO DATA)-----	-	-	-	13	13	13	1	14	-	-	-	706	706	706	-	54	
TOTAL OR AVERAGE-----	-	-	-	106	106	106	17	123	-	-	-	3,699	3,699	3,699	-	35	
CHEST:																	
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	16	16	16	-	8	
FRACTURE-----	-	-	-	4	4	4	-	4	-	-	-	91	91	91	-	23	
STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	1	2	-	-	-	14	14	14	-	14	
TOTAL OR AVERAGE-----	-	-	-	7	7	7	3	10	-	-	-	121	121	121	-	17	
PELVIC REGION:																	
CONTUSION OR BRUISE-----	-	-	-	3	3	3	1	4	-	-	-	560	560	560	-	187	
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	365	365	365	-	122	
HERNIA (NOT DISC)-----	-	-	1	5	6	6	-	6	-	-	50	152	202	202	50	30	
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	119	119	119	-	40	
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	
TOTAL OR AVERAGE-----	-	-	1	15	16	16	1	17	-	-	50	1,226	1,276	1,276	50	82	

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, 2008 (CONTINUED)

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS					AVERAGE SEVERITY				
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>SHOULDER(S):</b>																	
CONTUSION OR BRUISE-----	-	-	-	4	4	4	3	7	-	-	-	104	104	104	-	26	26
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DISLOCATION-----	-	-	-	6	6	6	1	7	-	-	-	289	289	289	-	48	48
FRACTURE-----	-	-	-	5	5	5	-	5	-	-	-	614	614	614	-	123	123
STRAIN/SPRAIN-----	-	-	-	23	23	23	7	30	-	-	-	1,023	1,023	1,023	-	44	44
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)----	-	-	-	2	2	2	1	3	-	-	-	217	217	217	-	108	108
TOTAL OR AVERAGE-----	-	-	-	40	40	40	14	54	-	-	-	2,247	2,247	2,247	-	56	56
<b>TRUNK, NEC:</b>																	
CONTUSION OR BRUISE-----	-	-	-	3	3	3	1	4	-	-	-	50	50	50	-	17	17
FRACTURE-----	-	-	-	1	1	1	1	2	-	-	-	16	16	16	-	16	16
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	9	9	9	-	4	4
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	112	112	112	-	112	112
TOTAL OR AVERAGE-----	-	-	-	7	7	7	2	9	-	-	-	187	187	187	-	27	27
<b>THIGH:</b>																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
CUT OR PUNCTURE-----	-	-	-	2	2	2	3	5	-	-	-	21	21	21	-	10	10
TOTAL OR AVERAGE-----	-	-	-	3	3	3	4	7	-	-	-	23	23	23	-	8	8
<b>KNEE:</b>																	
CONTUSION OR BRUISE-----	-	-	-	7	7	7	1	8	-	-	-	251	251	251	-	36	36
CUT OR PUNCTURE-----	-	-	-	2	2	2	2	4	-	-	-	25	25	25	-	12	12
STRAIN/SPRAIN-----	-	-	-	40	40	40	3	43	-	-	-	2,128	2,128	2,128	-	53	53
MULTIPLE INJURIES-----	-	-	-	1	1	1	1	2	-	-	-	83	83	83	-	83	83
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	1	2	-	-	-	10	10	10	-	10	10
TOTAL OR AVERAGE-----	-	-	-	51	51	51	8	59	-	-	-	2,497	2,497	2,497	-	49	49
<b>LOWER LEG:</b>																	
BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	2	2	2	1	3	-	-	-	30	30	30	-	15	15
CUT OR PUNCTURE-----	-	-	-	8	8	8	5	13	-	-	-	80	80	80	-	10	10
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	73	73	73	-	24	24
SCRATCH/ABRASION-----	-	-	-	2	2	2	-	2	-	-	-	196	196	196	-	98	98
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	10	10	10	-	3	3
TOTAL OR AVERAGE-----	-	-	-	18	18	18	7	25	-	-	-	389	389	389	-	22	22
<b>ANKLE:</b>																	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	4	4
FRACTURE-----	-	-	-	5	5	5	-	5	-	-	-	259	259	259	-	52	52
STRAIN/SPRAIN-----	-	-	-	22	22	22	3	25	-	-	-	595	595	595	-	27	27
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
TOTAL OR AVERAGE-----	-	-	-	30	30	30	3	33	-	-	-	863	863	863	-	29	29

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, 2008 (CONTINUED)

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>FOOT:</b>																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	-	127	127	127	-	127	127
CONTUSION OR BRUISE-----	-	-	-	4	4	4	1	5	-	-	-	101	101	101	-	25	25
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
FRACTURE-----	-	-	-	6	6	6	-	6	-	-	-	299	299	299	-	50	50
STRAIN/SPRAIN-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	15	15	15	2	17	-	-	-	536	536	536	-	36	36
<b>TOE(S):</b>																	
DISLOCATION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	5	5	5	1	6	-	-	-	89	89	89	-	18	18
TOTAL OR AVERAGE-----	-	-	-	5	5	5	2	7	-	-	-	89	89	89	-	18	18
<b>LOWER EXTREMITIES, NEC:</b>																	
CONTUSION OR BRUISE-----	-	-	-	-	1	1	-	1	-	-	-	72	72	72	-	72	72
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	8	8	8	-	8	-	-	-	1,441	1,441	1,441	-	180	180
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	232	232	232	-	116	116
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	11	11	11	3	14	-	-	-	1,745	1,745	1,745	-	159	159
<b>BODY SYSTEMS:</b>																	
ASPHYXIATION/DROWNING-----	3	-	-	-	-	3	-	3	18,000	-	-	-	-	18,000	-	-	6,000
ELECTRIC SHOCK-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
POISONING (SYSTEMIC)-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	3	-	-	1	1	4	2	6	18,000	-	-	6	6	18,006	-	6	4,502
<b>MULTIPLE PARTS OF BODY:</b>																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	2	2	2	1	3	-	-	-	25	25	25	-	12	12
CONTUSION OR BRUISE-----	-	-	-	4	4	4	-	4	-	-	-	86	86	86	-	22	22
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	345	345	345	-	172	172
RADIATION/ULTRA VIOLET-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
SCRATCH/ABRASION-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
STRAIN/SPRAIN-----	-	-	-	11	11	11	1	12	-	-	-	547	547	547	-	50	50
MULTIPLE INJURIES-----	-	-	-	10	10	10	2	12	-	-	-	400	400	400	-	40	40
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	1	4	-	-	-	528	528	528	-	176	176
TOTAL OR AVERAGE-----	-	-	-	34	34	34	5	39	-	-	-	1,937	1,937	1,937	-	57	57
<b>UNCLASSIFIED:</b>																	
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3

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, 2008 (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						
TOTAL OR AVERAGE:-----	3	-	5	549	554	557	284	841	18,000	-	3,460	22,665	26,125	44,125	692	41	79
AMPUTATION/ENUCLEATION-----	-	-	4	-	4	4	-	4	-	-	3,410	-	3,410	3,410	852	-	852
ASPHYXIATION/DROWNING-----	3	-	-	-	-	3	-	3	18,000	-	-	-	-	18,000	-	-	6,000
BURN/SCALD (NOT CHEM.)-----	-	-	-	14	14	14	7	21	-	-	-	291	291	291	-	21	21
CHEMICAL BURN-----	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
CONCUSSION (CEREBRAL)-----	-	-	-	2	2	2	-	2	-	-	7	7	7	7	-	4	4
CONTUSION OR BRUISE-----	-	-	-	63	63	63	27	90	-	-	2,706	2,706	2,706	2,706	-	43	43
CUT OR PUNCTURE-----	-	-	-	86	86	86	136	222	-	-	1,128	1,128	1,128	1,128	-	13	13
DISLOCATION-----	-	-	-	8	8	8	2	10	-	-	323	323	323	323	-	40	40
DUST IN EYE-----	-	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-
ELECTRIC SHOCK-----	-	-	-	1	1	1	-	1	-	-	6	6	6	6	-	6	6
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	27	27	27	27	-	27	27
FRACTURE-----	-	-	-	79	79	79	24	103	-	-	5,468	5,468	5,468	5,468	-	69	69
HERNIA (NOT DISC)-----	-	-	1	5	6	6	-	6	-	-	152	202	202	202	50	30	34
POISONING (SYSTEMIC)-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
RADIATION/ULTRAVIOLET-----	-	-	-	6	6	6	2	8	-	-	26	26	26	26	-	4	4
SCRATCH/ABRASION-----	-	-	-	7	7	7	6	13	-	-	224	224	224	224	-	32	32
STRAIN/SPRAIN-----	-	-	-	218	218	218	39	257	-	-	8,710	8,710	8,710	8,710	-	40	40
MULTIPLE INJURIES-----	-	-	-	21	21	21	11	32	-	-	1,167	1,167	1,167	1,167	-	56	56
OTHER INJURY, NEC-----	-	-	-	3	3	3	5	8	-	-	276	276	276	276	-	92	92
UNCLASSIFIED (NO DATA)-----	-	-	-	35	35	35	12	47	-	-	2,154	2,154	2,154	2,154	-	62	62

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE					
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
OPEN PIT:																																				
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CALI FORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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FLORI DA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GEORGI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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ILLI NOI S-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INDI ANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUI SI ANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAI NE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	3	2	-	-	-	-	5	-	-	-	-	-	1	-	-	-	-	-	-	-	2	2	-	154	69	-	53	52	-	4	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, 2008 (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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	6			
GEORGIA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	-			
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	9	-			
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
KANSAS-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
LOUISIANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14			
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-		
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	6	-	1	-	-	-	-	-	-	-	-	-	-	-	7	-		
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	1	-	-	-	-	-	-	-	-	1	-	8		
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-	7	-		
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-		
PENNSYLVANIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-		
SOUTH CAROLINA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	-		
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
TEXAS-----	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
TOTAL-----	1	8	1	-	-	-	-	-	1	-	-	-	-	-	-	9	10	-	27	10	-	5	-	-	3	1	2	2	2	2	104	57					

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE				
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL		
TOTAL MINING:																																			
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-	-	
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	5	-	6	5	-	1	-	-	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	5	-	11	5	-	1	-	-	-	-	
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	10	-	4	3	-	1	-	-	-	-	
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	1	-	-	-	-	-	-	-	
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	
IDAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	1	-	-	-	-	-	
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	1	1	-	1	-	-	-	-	-	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1	-	2	-	1	-	-	-	-	-	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	4	-	-	-	-	-	-	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	3	-	1	-	-	-	-	-	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	-	1	-	-	-	-	-	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MICHIGAN-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	-	3	3	1	-	-	-	1	-	
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	2	-	2	-	-	-	-	-	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	1	-	-	-	-	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	5	-	-	-	-	-	
MONTANA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	-	1	-	-	-	-	-	-	-	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	-	1	-	1	-	-	-	-	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	-	1	-	-	-	-	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	-	2	-	-	-	-	-	-	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	2	-	2	-	2	-	-	-	1	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	-	-	-	-	-	-	-	-	
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	-	-	-	-	-	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3	-	1	-	2	-	-	-	-	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1	-	1	-	1	-	-	-	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	
PENNSYLVANIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3	-	-	-	-	-	-	-	-	-	
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	1	-	-	-	-	-	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	-	-	-	-	-	-	-	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	-	-	1	-	-	-	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	9	-	6	-	2	-	-	-	-	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	2	-	1	-	-	-	-	1	
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	-	1	-	6	-	-	-	-	-	
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	5	-	-	-	-	-	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	2	-	-	-	-	-	-	
TOTAL-----	-	3	2	-	-	-	-	7	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	2	-	196	91	-	61	61	-	4	1	-	-
PROCESSING PLANTS:																																			
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-





TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (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:																																				
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3
GRAND TOTAL:																																				
ALABAMA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	4
ALASKA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3
ARI ZONA-----	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	14
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2
CALIFORNIA-----	-	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	26
COLORADO-----	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	16
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	8
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	8
GEORGIA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2
ILLINOIS-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	5
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	4
IOWA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3
KANSAS-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	7
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2
LOUISIANA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	6
MAINE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
MARYLAND-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
MICHIGAN-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	10
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	7
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	4
MISSOURI-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	9
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	4
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	4
NEW HAMPSHIRE-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2
NEW JERSEY-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	5
NEW MEXICO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	4
NEW YORK-----	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	9
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	8
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	7
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	4
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3
PENNSYLVANIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	5
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-
SOUTH CAROLINA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	2
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6
TEXAS-----	1	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	26
UTAH-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	7
VERMONT-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
VIRGINIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2
WASHINGTON-----	-	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	21
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
WISCONSIN-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	1
WYOMING-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3
TOTAL-----	1	50	15	-	-	-	-	-	-	-	-	-	-	-	-	1	53	43	-	138	42	-	17	3	-	6	8	1	13	12	3	554	284			

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, 2008

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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	209	-	74	-	-	11
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	276	-	-	-	-	-	-	-	-	-	-	728	-	534	-	-	2
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	520	-	122	-	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-	-	-
IDaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	2	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	50	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	137	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	213	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	19	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1	-	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-
MICHIGAN-----	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	34	-	-	9
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	142	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-
MONTANA-----	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	74	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	28	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	371	-	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	222	-	91	-	-	85
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77	-	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	18	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	166	-	7	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	72	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	46	-	-	-
PENNSYLVANIA-----	-	27	-	-	-	243	-	-	-	-	-	-	-	-	-	-	252	-	-	-	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	141	-	15	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	53	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	1	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	206	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	174	-	65	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249	-	10	-	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	563	-	38	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	349	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91	-	18	-	-	-
TOTAL-----	-	48	-	-	-	535	-	-	-	-	-	-	-	-	14	-	5,102	-	1,488	-	-	107

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, 2008 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
ALASKA-----	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
ARIZONA-----	-	265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,788
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	191	-	973	-	52	-	11	-	-	-	552
CALIFORNIA-----	-	182	-	-	-	10	-	-	-	-	-	332	-	218	-	-	-	-	-	-	-	3,305
COLORADO-----	-	97	-	-	-	-	-	-	-	-	-	32	-	652	-	189	-	234	-	466	-	2,011
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	10	-	1,228	-	26	-	-	-	8	-	36
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	-	-	45
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	116
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	106	-	-	-	-	-	162
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	4	-	98	-	-	-	-	-	-	-	274
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	95	-	-	-	-	-	38	-	263
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	5	-	-	-	-	-	135
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	135	-	-	-	-	-	-	-	-	-	360
LOUISIANA-----	-	78	-	-	-	-	-	-	-	-	6,000	-	-	360	-	-	-	-	-	-	6,000	81
MAINE-----	-	291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	325
MARYLAND-----	-	42	-	-	-	-	-	-	-	-	-	4	-	42	-	-	-	-	-	-	-	93
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	-	-	79
MICHIGAN-----	-	66	-	-	-	-	-	-	-	-	-	285	-	236	-	-	-	-	-	-	-	708
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	105	-	36	-	1	-	-	-	-	-	171
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	192
MISSOURI-----	-	54	-	-	-	-	-	-	-	-	-	-	-	-	-	102	-	-	-	2	-	170
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	83
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	10
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	8	-	55	-	-	-	-	-	3	-	83
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	31
NEW JERSEY-----	-	17	-	-	-	-	-	-	-	-	-	-	-	298	-	-	-	-	-	-	-	316
NEW MEXICO-----	-	3	-	-	-	-	-	-	-	-	-	-	-	65	-	-	-	-	-	-	-	439
NEW YORK-----	-	14	-	-	-	-	-	-	-	-	-	9	-	141	-	-	-	-	-	-	-	570
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	94	-	-	-	-	-	-	-	171
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	33	-	353	-	25	-	-	-	-	-	584
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	65
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-	-	-	-	29	-	601
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	181	-	273	-	-	-	-	-	99	-	709
SOUTH CAROLINA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	65	-	-	-	-	-	-	-	93
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	218
TEXAS-----	-	274	-	-	-	-	-	-	-	-	-	3,475	-	366	-	205	-	-	-	3	-	4,562
UTAH-----	-	8	-	-	-	-	-	-	-	-	-	264	-	9	-	-	-	-	-	-	-	540
VERMONT-----	-	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58
VIRGINIA-----	-	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99
WASHINGTON-----	-	291	-	-	-	-	-	-	-	-	-	43	-	171	-	-	-	-	72	-	-	1,192
WISCONSIN-----	-	112	-	-	-	-	-	-	-	-	-	-	-	41	-	-	-	-	-	-	-	508
WYOMING-----	-	21	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	137
TOTAL-----	-	1,979	-	-	-	10	-	-	-	-	-	6,000	5,200	6,081	609	323	648	6,000	22,144			

TABLE 12. - NUMBER OF LOST WORKDAYS BY ACCIDENT CLASSIFICATION AND DEGREE OF INJURY FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
DREDGE:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	-	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	109	-	11	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	16	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	5	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	123	-	-	-	-
LOUISIANA-----	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98	-	8	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	144	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	334	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	1,590	-	138	-	-



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, 2008 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
DREDGE:																						
ALABAMA-----	-	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	19
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	358	-	-	-	-	-	180	-	658
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	22	-	10	-	-	-	-	-	-	-	114
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-	54
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	15	-	-	-	-	-	56
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
KANSAS-----	-	11	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	6,000	-	6,000	137
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	25
LOUISIANA-----	-	2	-	-	-	-	-	-	-	-	-	94	-	107	-	-	-	-	-	-	-	626
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	5
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-	-	-	-	-	-	32
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	231	-	-	-	-	-	-	-	237
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	92	-	-	-	-	-	226
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	1	-	32	-	52	-	-	-	-	-	168
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	2	-	17	-	-	-	-	-	-	-	163
PENNSYLVANIA-----	-	20	-	-	-	-	-	-	-	-	-	-	-	92	-	-	-	-	-	-	-	147
SOUTH CAROLINA-----	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	8
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63
TEXAS-----	6,000	102	-	-	-	-	-	-	-	-	-	-	-	83	-	-	-	-	-	-	6,000	519
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153	-	153
WEST VIRGINIA-----	-	-	-	-	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
TOTAL-----	6,000	208	-	-	-	20	-	-	-	-	-	161	-	1,015	-	162	-	-	6,000	333	12,000	3,641

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, 2008 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	209	-	74	-	-	11
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	276	-	-	-	-	-	-	-	-	-	-	837	-	545	-	-	2
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	560	-	122	-	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	16	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	50	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	168	-	5	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	229	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	123	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISIANA-----	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	323	-	98	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	19	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	1	-	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-
MICHIGAN-----	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	34	-	-	9
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	50	-	142	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-
MONTANA-----	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98	-	8	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	28	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	371	-	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	222	-	91	-	-	85
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77	-	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	18	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249	-	7	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154	-	72	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	46	-	-	-
PENNSYLVANIA-----	-	27	-	-	-	243	-	-	-	-	-	-	-	-	-	-	287	-	-	-	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	141	-	15	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	53	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	1	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	269	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	508	-	65	-	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249	-	10	-	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	563	-	38	-	-	-
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	349	-	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91	-	18	-	-	-
TOTAL-----	-	48	-	-	-	549	-	-	-	-	-	-	-	-	14	-	6,692	-	1,626	-	-	107
PROCESSING PLANTS:																						
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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, 2008 (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-----	-	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89
ALASKA-----	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
ARIZONA-----	-	265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,807
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	210	-	973	-	52	-	11	-	-	-	613
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	332	-	218	-	-	-	-	-	-	-	3,963
COLORADO-----	-	182	-	-	-	10	-	-	-	-	-	32	-	1,010	-	189	-	234	-	646	-	2,051
DELAWARE-----	-	97	-	-	-	-	-	-	-	-	-	10	-	1,228	-	26	-	-	-	8	-	56
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	-	-	114
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	22	-	10	-	-	-	-	-	-	-	45
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	6	-	-	-	116
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	106	-	-	-	-	-	216
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	117	-	-	-	-	-	-	-	-	330
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	4	-	100	-	15	-	-	-	38	-	279
KANSAS-----	-	11	-	-	-	-	-	-	-	-	-	-	-	45	-	-	-	-	-	-	-	272
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	135	-	3	-	-	-	-	6,000	-	6,000	385
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	6,000	-	-	385	-	-	-	-	-	-	-	707
MAINE-----	-	80	-	-	-	-	-	-	-	-	-	94	-	107	-	-	-	-	-	-	-	325
MARYLAND-----	-	291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	97
MASSACHUSETTS-----	-	42	-	-	-	-	-	-	-	-	-	4	-	42	-	-	-	-	-	-	-	79
MICHIGAN-----	-	66	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	-	-	708
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	285	-	236	-	-	-	-	-	-	-	176
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	105	-	41	-	1	-	-	-	-	-	224
MISSOURI-----	-	54	-	-	-	-	-	-	-	-	-	23	-	-	-	-	-	-	-	-	-	407
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	333	-	-	-	-	-	2	-	83
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	236
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-	92	-	-	-	-	-	83
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	8	-	55	-	-	-	-	-	3	-	31
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	318
NEW MEXICO-----	-	17	-	-	-	-	-	-	-	-	-	-	-	298	-	-	-	-	-	-	-	439
NEW YORK-----	-	3	-	-	-	-	-	-	-	-	-	-	-	65	-	-	-	-	-	-	-	570
NORTH CAROLINA-----	-	14	-	-	-	-	-	-	-	-	-	-	-	141	-	-	-	-	-	-	-	171
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	94	-	-	-	-	-	-	-	44
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	752
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	34	-	385	-	77	-	-	-	-	-	245
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	2	-	17	-	-	-	-	-	-	-	65
PENNSYLVANIA-----	-	20	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	748
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	142	-	-	-	-	-	29	-	709
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	181	-	273	-	-	-	-	-	99	-	65
SOUTH DAKOTA-----	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	93
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	65	-	-	-	-	-	-	-	281
TEXAS-----	6,000	376	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	5,081
UTAH-----	-	8	-	-	-	-	-	-	-	-	-	3,475	-	449	-	205	-	-	-	3	6,000	540
VERMONT-----	-	58	-	-	-	-	-	-	-	-	-	264	-	9	-	-	-	-	-	-	-	58
VIRGINIA-----	-	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99
WASHINGTON-----	-	291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,345
WEST VIRGINIA-----	-	-	-	-	-	20	-	-	-	-	-	-	-	43	-	171	-	72	-	153	-	20
WISCONSIN-----	-	112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	508
WYOMING-----	-	21	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	137
TOTAL-----	6,000	2,187	-	-	-	30	-	-	-	-	6,000	5,361	-	7,096	-	771	-	323	6,000	981	18,000	25,785
PROCESSING PLANTS:																						
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	127	-	-	-	-	-	-	-	127
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	127	-	-	-	-	-	-	-	127

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, 2008 (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:																						
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	164	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	206	-	-	-	-
GRAND TOTAL:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	209	-	74	-	11
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	276	-	-	-	-	-	-	-	-	-	-	-	837	-	545	-	2
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	560	-	122	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	16	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	2	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	50	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	168	-	5	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	229	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	123	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISIANA-----	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	323	-	98	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	19	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	1	-	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-
MICHIGAN-----	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	34	-	9
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	50	-	142	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-
MONTANA-----	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98	-	8	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	28	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	371	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	264	-	91	-	85
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	18	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249	-	7	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154	-	72	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	46	-	-
PENNSYLVANIA-----	-	27	-	-	-	243	-	-	-	-	-	-	-	-	-	-	-	287	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	141	-	15	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	53	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	1	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	269	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	508	-	65	-	-
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249	-	10	-	-
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	-	727	-	38	-	-
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	349	-	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91	-	18	-	-
TOTAL-----	-	48	-	-	-	549	-	-	-	-	-	-	-	-	14	-	6,898	-	1,626	-	107	

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, 2008 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
OFFICE:																						
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	7
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	164
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	213
GRAND TOTAL:																						
ALABAMA-----	-	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89
ALASKA-----	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
ARIZONA-----	-	265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,807
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	210	-	973	-	52	11	-	-	-	-	-	613
CALIFORNIA-----	-	182	-	-	-	10	-	-	-	-	332	-	218	-	-	-	-	-	-	-	-	3,963
COLORADO-----	-	97	-	-	-	-	-	-	-	-	32	-	1,010	-	189	234	-	-	646	-	-	2,051
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	10	-	1,228	-	26	-	-	-	8	-	-	56
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	-	-	-	114
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	22	-	-	10	-	-	-	-	-	-	-	45
IDAHO-----	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	106	-	-	-	-	-	116
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	117	-	-	-	-	-	-	-	-	216
INDIANA-----	-	-	-	-	-	-	-	-	-	-	4	-	100	-	15	-	-	-	-	-	-	330
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	45	-	5	-	-	-	-	38	-	279
KANSAS-----	-	11	-	-	-	-	-	-	-	-	-	135	-	3	-	-	-	6,000	-	-	6,000	272
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	6,000	-	385	-	-	-	-	-	-	-	-	6,000
LOUISIANA-----	-	80	-	-	-	-	-	-	-	-	94	-	107	-	-	-	-	-	-	-	-	707
MAINE-----	-	291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	325
MARYLAND-----	-	42	-	-	-	-	-	-	-	-	4	-	42	-	-	-	-	-	-	-	-	97
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	-	-	-	79
MICHIGAN-----	-	66	-	-	-	-	-	-	-	-	285	-	236	-	-	-	-	-	-	-	-	708
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	105	-	41	-	1	-	-	-	-	-	-	176
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-	-	-	-	-	-	-	224
MISSOURI-----	-	54	-	-	-	-	-	-	-	-	-	-	333	-	-	-	-	-	2	-	-	407
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	83
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	38	-	92	-	-	-	-	-	-	236
NEVADA-----	-	-	-	-	-	-	-	-	-	-	8	-	55	-	-	-	-	-	3	-	-	83
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	31
NEW JERSEY-----	-	17	-	-	-	-	-	-	-	-	-	-	298	-	-	-	-	-	-	-	-	318
NEW MEXICO-----	-	3	-	-	-	-	-	-	-	-	-	-	65	-	-	-	-	-	-	-	-	439
NEW YORK-----	-	14	-	-	-	-	-	-	-	-	9	-	141	-	-	-	-	-	-	-	-	612
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	94	-	-	-	-	-	-	-	-	171
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44
OHIO-----	-	-	-	-	-	-	-	-	-	-	34	-	385	-	77	-	-	-	-	-	-	752
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	2	-	17	-	-	-	-	-	-	-	-	245
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	65
PENNSYLVANIA-----	-	20	-	-	-	-	-	-	-	-	-	-	142	-	-	-	-	-	29	-	-	748
Puerto Rico-----	-	-	-	-	-	-	-	-	-	-	-	181	273	-	-	-	-	-	99	-	-	709
SOUTH CAROLINA-----	-	7	-	-	-	-	-	-	-	-	-	-	7	-	3	-	-	-	-	-	-	72
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	65	-	-	-	-	-	-	-	-	93
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	12	-	127	-	-	-	-	-	-	-	-	408
TEXAS-----	6,000	376	-	-	-	-	-	-	-	-	3,475	-	449	-	205	-	-	-	3	6,000	-	5,081
UTAH-----	-	8	-	-	-	-	-	-	-	-	264	-	9	-	-	-	-	-	-	-	-	540
VERMONT-----	-	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58
VIRGINIA-----	-	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99
WASHINGTON-----	-	291	-	-	-	-	-	-	-	-	43	-	171	-	-	-	72	-	153	-	-	1,509
WEST VIRGINIA-----	-	-	-	-	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
WISCONSIN-----	-	112	-	-	-	-	-	-	-	-	-	-	41	-	-	-	-	-	-	-	-	508
WYOMING-----	-	21	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	137
TOTAL-----	6,000	2,187	-	-	-	30	-	-	-	-	6,000	5,361	-	7,230	-	771	-	323	6,000	981	18,000	26,125

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, 2008

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL					
		TOTAL	PARTIAL													TOTAL
<b>SURFACE MINES:</b>																
OPEN PIT:																
BELTMAN/BOOM OPR.-----	-	-	-	5	5	5	1	6	-	-	166	166	166	-	33	33
BULLDOZER/MOBILE EQUIP.---	-	-	1	58	59	59	26	85	-	-	135	2,150	2,285	135	37	39
CLEANUP/VENTILATION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
DRAG/CRANE/SHOVEL OPR.---	-	-	1	11	12	12	5	17	-	-	3,000	795	3,795	3,000	72	316
DREDGE/BARGE/BOAT-----	-	-	-	3	3	3	-	3	-	-	-	72	72	-	24	24
DRI LL OPERATOR-----	-	-	-	1	1	1	-	1	-	-	-	4	4	-	4	4
ELECTRICIAN-----	-	-	-	2	2	2	-	2	-	-	-	16	16	-	8	8
FRONT END LOADER-----	-	-	-	47	47	47	11	58	-	-	-	2,081	2,081	-	44	44
LABORER-----	-	-	1	88	89	89	40	129	-	-	75	2,409	2,484	75	27	28
MECHANIC/MAINTENANCE-----	-	-	-	71	71	71	37	108	-	-	-	3,709	3,709	-	52	52
MINER-----	-	-	-	27	27	27	18	45	-	-	-	1,057	1,057	-	39	39
PREP. PLANT OPR.-----	-	-	1	42	43	43	26	69	-	-	50	2,033	2,083	50	48	48
SUPERVISOR/FOREMAN-----	1	-	-	32	32	33	33	66	6,000	-	-	1,551	1,551	-	48	229
TECH./PROF./CLERICAL-----	-	-	-	1	1	1	6	7	-	-	-	20	20	-	20	20
TRUCK DRIVER-----	-	-	-	40	40	40	12	52	-	-	-	1,878	1,878	-	47	47
WELDER/MACHINIST-----	-	-	-	11	11	11	7	18	-	-	-	874	874	-	79	79
N. E. C. OR UNKNOWN-----	-	-	-	2	2	2	-	2	-	-	-	69	69	-	34	34
TOTAL OR AVERAGE-----	1	-	4	441	445	446	223	669	6,000	-	3,260	18,884	22,144	815	43	63
<b>DREDGE:</b>																
BULLDOZER/MOBILE EQUIP.---	-	-	-	10	10	10	7	17	-	-	-	354	354	-	35	35
DRAG/CRANE/SHOVEL OPR.---	-	-	-	1	1	1	-	1	-	-	-	16	16	-	16	16
DREDGE/BARGE/BOAT-----	1	-	-	20	20	21	2	23	6,000	-	-	739	739	-	37	321
FRONT END LOADER-----	1	-	1	5	6	7	2	9	6,000	200	-	154	354	200	31	908
LABORER-----	-	-	-	17	17	17	8	25	-	-	-	959	959	-	56	56
MECHANIC/MAINTENANCE-----	-	-	-	17	17	17	12	29	-	-	-	434	434	-	26	26
MINER-----	-	-	-	2	2	2	3	5	-	-	-	5	5	-	2	2
PREP. PLANT OPR.-----	-	-	-	9	9	9	6	15	-	-	-	166	166	-	18	18
SUPERVISOR/FOREMAN-----	-	-	-	11	11	11	7	18	-	-	-	240	240	-	22	22
TECH./PROF./CLERICAL-----	-	-	-	1	1	1	7	8	-	-	-	32	32	-	32	32
TRUCK DRIVER-----	-	-	-	5	5	5	1	6	-	-	-	155	155	-	31	31
WELDER/MACHINIST-----	-	-	-	4	4	4	2	6	-	-	-	167	167	-	42	42
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	-	1	-	-	-	20	20	-	20	20
TOTAL OR AVERAGE-----	2	-	1	103	104	106	57	163	12,000	-	200	3,441	3,641	200	33	148

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, 2008 (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.-----	-	-	-	5	5	5	1	6	-	-	-	166	166	166	-	33	33
BULLDOZER/MOBILE EQUIP.---	-	-	1	68	69	69	33	102	-	-	135	2,504	2,639	2,639	135	37	38
CLEANUP/VENTILATION-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
DRAG/CRANE/SHOVEL OPR.-----	-	-	1	12	13	13	5	18	-	-	3,000	811	3,811	3,811	3,000	68	293
DREDGE/BARGE/BOAT-----	1	-	-	23	23	24	2	26	6,000	-	-	811	811	6,811	-	35	284
DRI LL OPERATOR-----	-	-	-	1	1	1	-	1	-	-	-	-	-	4	-	4	4
ELECTRICIAN-----	-	-	1	2	2	2	-	2	-	-	-	16	16	16	-	8	8
FRONT END LOADER-----	1	-	1	52	53	54	13	67	6,000	-	200	2,235	2,435	8,435	200	43	156
LABORER-----	-	-	1	105	106	106	48	154	-	-	75	3,368	3,443	3,443	75	32	32
MECHANIC/MAINTENANCE-----	-	-	-	88	88	88	49	137	-	-	-	4,143	4,143	4,143	-	47	47
MINER-----	-	-	-	29	29	29	21	50	-	-	-	1,062	1,062	1,062	-	37	37
PREP. PLANT OPR.-----	-	-	1	51	52	52	32	84	-	-	50	2,199	2,249	2,249	50	43	43
SUPERVISOR/FOREMAN-----	1	-	-	43	43	44	40	84	6,000	-	-	1,791	1,791	7,791	-	42	177
TECH./PROF./CLERICAL-----	-	-	-	2	2	2	13	15	-	-	-	52	52	52	-	26	26
TRUCK DRIVER-----	-	-	-	45	45	45	13	58	-	-	-	2,033	2,033	2,033	-	45	45
WELDER/MACHINIST-----	-	-	-	15	15	15	9	24	-	-	-	1,041	1,041	1,041	-	69	69
N. E. C. OR UNKNOWN-----	-	-	-	3	3	3	-	3	-	-	-	89	89	89	-	30	30
TOTAL OR AVERAGE-----	3	-	5	544	549	552	280	832	18,000	-	3,460	22,325	25,785	43,785	692	41	79
PROCESSING PLANTS:																	
MECHANIC/MAINTENANCE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PREP. PLANT OPR.-----	-	-	-	1	1	1	-	1	-	-	-	127	127	127	-	127	127
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	127	127	127	-	127	127
OFFICE:																	
DREDGE/BARGE/BOAT-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
LABORER-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
MECHANIC/MAINTENANCE-----	-	-	-	1	1	1	-	1	-	-	-	42	42	42	-	42	42
SUPERVISOR/FOREMAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TECH./PROF./CLERICAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TRUCK DRIVER-----	-	-	-	1	1	1	-	1	-	-	-	164	164	164	-	164	164
TOTAL OR AVERAGE-----	-	-	-	4	4	4	3	7	-	-	-	213	213	213	-	53	53

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, 2008 (CONTINUED)

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:-----	3	-	5	549	554	557	284	841	18,000	-	3,460	22,665	26,125	44,125	692	41	79
BELTMAN/BOOM OPR.-----	-	-	-	5	5	5	1	6	-	-	-	166	166	166	-	33	33
BULLDOZER/MOBILE EQUIP.-----	-	-	1	68	69	69	33	102	-	-	135	2,504	2,639	2,639	135	37	38
CLEANUP/VENTILATION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DRAG/CRANE/SHOVEL OPR.-----	-	-	1	12	13	13	5	18	-	-	3,000	811	3,811	3,811	3,000	68	293
DREDGE/BARGE/BOAT-----	1	-	-	24	24	25	2	27	6,000	-	-	813	813	6,813	-	34	273
DRI LL OPERATOR-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4
ELECTRICIAN-----	-	-	-	2	2	2	-	2	-	-	-	16	16	16	-	8	8
FRONT END LOADER-----	1	-	1	52	53	54	13	67	6,000	-	200	2,235	2,435	8,435	200	43	156
LABORER-----	-	-	1	106	107	107	49	156	-	-	75	3,373	3,448	3,448	75	32	32
MECHANIC/MAINTENANCE-----	-	-	-	89	89	89	50	139	-	-	-	4,185	4,185	4,185	-	47	47
MINER-----	-	-	-	29	29	29	21	50	-	-	-	1,062	1,062	1,062	-	37	37
PREP. PLANT OPR.-----	-	-	1	52	53	53	32	85	-	-	50	2,326	2,376	2,376	50	45	45
SUPERVISOR/FOREMAN-----	1	-	-	43	43	44	41	85	6,000	-	-	1,791	1,791	7,791	-	42	177
TECH./PROF./CLERICAL-----	-	-	-	2	2	2	14	16	-	-	-	52	52	52	-	26	26
TRUCK DRIVER-----	-	-	-	46	46	46	13	59	-	-	-	2,197	2,197	2,197	-	48	48
WELDER/MACHINIST-----	-	-	-	15	15	15	9	24	-	-	-	1,041	1,041	1,041	-	69	69
N. E. C. OR UNKNOWN-----	-	-	-	3	3	3	-	3	-	-	-	89	89	89	-	30	30



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, 2008

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
<b>SURFACE MINES:</b>																	
OPEN PIT:																	
ELECTRICAL-----	-	-	-	3	3	3	2	5	-	-	-	48	48	48	-	16	16
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	5	5	5	-	5	-	-	-	535	535	535	-	107	107
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	-	2	2	2	2	4	-	-	-	14	14	14	-	7	7
HANDLING MATERIAL-----	-	-	2	152	154	154	69	223	-	-	125	4,977	5,102	5,102	62	33	33
HAND TOOL-----	-	-	-	53	53	53	52	105	-	-	-	1,488	1,488	1,488	-	28	28
NONPOWERED HAULAGE-----	-	-	-	4	4	4	1	5	-	-	-	107	107	107	-	27	27
POWERED HAULAGE-----	-	-	-	42	42	42	14	56	-	-	-	1,979	1,979	1,979	-	47	47
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
MACHINERY-----	1	-	2	42	44	45	32	77	6,000	-	3,135	2,065	5,200	11,200	1,568	49	249
SLIP OR FALL OF PERSON-----	-	-	-	108	108	108	32	140	-	-	-	6,081	6,081	6,081	-	56	56
STEPPING OR KNEELING ON OBJECT-----	-	-	-	12	12	12	3	15	-	-	-	609	609	609	-	51	51
STRIKING OR BUMPING-----	-	-	-	6	6	6	5	11	-	-	-	323	323	323	-	54	54
OTHER INJURIES-----	-	-	-	11	11	11	10	21	-	-	-	648	648	648	-	59	59
TOTAL OR AVERAGE-----	1	-	4	441	445	446	223	669	6,000	-	3,260	18,884	22,144	28,144	815	43	63
<b>DREDGE:</b>																	
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
HANDLING MATERIAL-----	-	-	1	41	42	42	22	64	-	-	200	1,390	1,590	1,590	200	34	38
HAND TOOL-----	-	-	-	8	8	8	9	17	-	-	-	138	138	138	-	17	17
POWERED HAULAGE-----	1	-	-	8	8	9	1	10	6,000	-	-	208	208	6,208	-	26	690
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	1	1	1	-	1	-	-	-	20	20	20	-	20	20
MACHINERY-----	-	-	-	9	9	9	10	19	-	-	-	161	161	161	-	18	18
SLIP OR FALL OF PERSON-----	-	-	-	27	27	27	10	37	-	-	-	1,015	1,015	1,015	-	38	38
STEPPING OR KNEELING ON OBJECT-----	-	-	-	5	5	5	-	5	-	-	-	162	162	162	-	32	32
STRIKING OR BUMPING-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
OTHER INJURIES-----	1	-	-	2	2	3	2	5	6,000	-	-	333	333	6,333	-	166	2,111
TOTAL OR AVERAGE-----	2	-	1	103	104	106	57	163	12,000	-	200	3,441	3,641	15,641	200	33	148

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, 2008 (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:	-	-	-	3	3	3	2	5	-	-	-	48	48	48	-	16	16
ELECTRICAL-----	-	-	-	3	3	3	2	5	-	-	-	48	48	48	-	16	16
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	7	7	7	-	7	-	-	-	549	549	549	-	78	78
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	-	2	2	2	2	4	-	-	-	14	14	14	-	7	7
HANDLING MATERIAL-----	-	-	3	193	196	196	91	287	-	-	325	6,367	6,692	6,692	108	33	34
HAND TOOL-----	-	-	-	61	61	61	61	122	-	-	-	1,626	1,626	1,626	-	27	27
NONPOWERED HAULAGE-----	-	-	-	4	4	4	1	5	-	-	-	107	107	107	-	27	27
POWERED HAULAGE-----	1	-	-	50	50	51	15	66	6,000	-	-	2,187	2,187	8,187	-	44	161
IGNITION OR EXPLOSION OF GAS OR DUST-----	1	-	-	2	2	2	-	2	6,000	-	-	30	30	11,361	-	15	15
MACHINERY-----	-	-	2	51	53	54	42	96	-	-	3,135	2,226	5,361	1,568	44	210	
SLIP OR FALL OF PERSON-----	-	-	-	135	135	135	42	177	-	-	-	7,096	7,096	7,096	-	53	53
STEPPING OR KNEELING ON OBJECT-----	-	-	-	17	17	17	3	20	-	-	-	771	771	771	-	45	45
STRIKING OR BUMPING-----	-	-	-	6	6	6	8	14	-	-	-	323	323	323	-	54	54
OTHER INJURIES-----	1	-	-	13	13	14	12	26	6,000	-	-	981	981	6,981	-	75	499
TOTAL OR AVERAGE-----	3	-	5	544	549	552	280	832	18,000	-	3,460	22,325	25,785	43,785	692	41	79
PROCESSING PLANTS:																	
HANDLING MATERIAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SLIP OR FALL OF PERSON-----	-	-	-	1	1	1	-	1	-	-	-	127	127	127	-	127	127
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	127	127	127	-	127	127
OFFICE:																	
HANDLING MATERIAL-----	-	-	-	2	2	2	2	4	-	-	-	206	206	206	-	103	103
MACHINERY-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SLIP OR FALL OF PERSON-----	-	-	-	2	2	2	-	2	-	-	-	7	7	7	-	4	4
TOTAL OR AVERAGE-----	-	-	-	4	4	4	3	7	-	-	-	213	213	213	-	53	53

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, 2008 (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:-----	-	-	-	3	3	3	2	5	-	-	-	48	48	48	-	16	16
ELECTRICAL-----	-	-	-	3	3	3	2	5	-	-	-	48	48	48	-	16	16
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	7	7	7	-	7	-	-	-	549	549	549	-	78	78
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	-	2	2	2	2	4	-	-	-	14	14	14	-	7	7
HANDLING MATERIAL-----	-	-	3	195	198	198	94	292	-	-	325	6,573	6,898	6,898	108	34	35
HAND TOOL-----	-	-	-	61	61	61	61	122	-	-	-	1,626	1,626	1,626	-	27	27
NONPOWERED HAULAGE-----	-	-	-	4	4	4	1	5	-	-	-	107	107	107	-	27	27
POWERED HAULAGE-----	1	-	-	50	50	51	15	66	6,000	-	-	2,187	2,187	8,187	-	44	161
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	2	2	2	-	2	-	-	-	30	30	30	-	15	15
MACHINERY-----	1	-	2	51	53	54	43	97	6,000	-	3,135	2,226	5,361	11,361	1,568	44	210
SLIP OR FALL OF PERSON-----	-	-	-	138	138	138	42	180	-	-	-	7,230	7,230	7,230	-	52	52
STEPPING OR KNEELING ON OBJECT-----	-	-	-	17	17	17	3	20	-	-	-	771	771	771	-	45	45
STRIKING OR BUMPING-----	-	-	-	6	6	6	8	14	-	-	-	323	323	323	-	54	54
OTHER INJURIES-----	1	-	-	13	13	14	12	26	6,000	-	-	981	981	6,981	-	75	499
TOTAL OR AVERAGE-----	3	-	5	549	554	557	284	841	18,000	-	3,460	22,665	26,125	44,125	692	41	79

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, 2008

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>ELECTRICAL:</b>																	
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
HAND-----	-	-	1	1	1	-	-	1	-	-	-	27	27	27	-	27	
FINGER(S)-----	-	-	1	1	1	-	-	1	-	-	-	15	15	15	-	15	
BODY SYSTEMS-----	-	-	1	1	1	-	-	1	-	-	-	6	6	6	-	6	
TOTAL OR AVERAGE-----	-	-	-	3	3	3	2	5	-	-	-	48	48	48	-	16	
<b>EXPLODING VESSEL UNDER PRESSURE:</b>																	
EYE-----	-	-	-	1	1	1	-	1	-	-	-	264	264	264	-	264	
FACE, NEC-----	-	-	-	2	2	2	-	2	-	-	-	248	248	248	-	124	
WRIST-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	
FINGER(S)-----	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	
TOTAL OR AVERAGE-----	-	-	-	7	7	7	-	7	-	-	-	549	549	549	-	78	
<b>FALLING, ROLLING, OR SLIDING MATERIAL:</b>																	
HEAD, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
<b>FIRE:</b>																	
HAND-----	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
CHEST-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	2	2	2	2	4	-	-	-	14	14	14	-	7	

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, 2008 (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						
HANDLING MATERIAL:																	
EAR-----	-	-	-	1	1	1	1	2	-	-	-	6	6	6	-	6	6
EYE-----	-	-	-	1	1	1	8	9	-	-	-	4	4	4	-	4	4
JAW-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SKULL-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
FACE, NEC-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	1	1	1	7	8	-	-	-	3	3	3	-	3	3
NECK-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
UPPER ARM-----	-	-	-	4	4	4	-	4	-	-	-	246	246	246	-	62	62
ELBOW-----	-	-	-	2	2	2	1	3	-	-	-	10	10	10	-	5	5
FOREARM-----	-	-	-	2	2	2	1	3	-	-	-	32	32	32	-	16	16
WRIST-----	-	-	-	2	2	2	3	5	-	-	-	23	23	23	-	12	12
HAND-----	-	-	-	11	11	11	14	25	-	-	-	562	562	562	-	51	51
FINGER(S)-----	-	-	2	46	48	48	36	84	-	-	275	1,066	1,341	1,341	138	23	28
UPPER EXTREMITIES, NEC-----	-	-	-	4	4	4	1	5	-	-	-	265	265	265	-	66	66
ABDOMEN-----	-	-	-	1	1	1	2	3	-	-	-	21	21	21	-	21	21
BACK-----	-	-	-	54	54	54	6	60	-	-	-	1,506	1,506	1,506	-	28	28
CHEST-----	-	-	-	1	1	1	1	2	-	-	-	-	-	-	-	-	-
PELVIC REGION-----	-	-	1	7	8	8	-	8	-	-	50	14	14	14	50	14	14
SHOULDER(S)-----	-	-	-	17	17	17	2	19	-	-	-	196	246	246	-	28	31
TRUNK, NEC-----	-	-	-	2	2	2	2	2	-	-	-	899	899	899	-	53	53
THIGH-----	-	-	-	1	1	1	1	1	-	-	-	12	12	12	-	6	6
KNEE-----	-	-	-	10	10	10	1	11	-	-	-	2	2	2	-	2	2
LOWER LEG-----	-	-	-	6	6	6	-	6	-	-	-	317	317	317	-	32	32
ANKLE-----	-	-	-	5	5	5	-	5	-	-	-	242	242	242	-	40	40
FOOT-----	-	-	-	6	6	6	1	7	-	-	-	145	145	145	-	29	29
TOE(S)-----	-	-	-	4	4	4	1	5	-	-	-	212	212	212	-	35	35
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	66	66	66	-	16	16
MULTIPLE PARTS OF BODY-----	-	-	-	5	5	5	1	6	-	-	-	305	305	305	-	305	305
TOTAL OR AVERAGE-----	-	-	3	195	198	198	94	292	-	-	325	6,573	6,898	6,898	108	34	35

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, 2008 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>HAND TOOL:</b>																	
EYE-----	-	-	-	2	2	2	4	6	-	-	-	13	13	13	-	6	6
JAW-----	-	-	-	1	1	1	4	5	-	-	-	18	18	18	-	18	18
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-
NECK-----	-	-	-	2	2	2	-	2	-	-	-	14	14	14	-	7	7
UPPER ARM-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
ELBOW-----	-	-	-	2	2	2	-	2	-	-	-	12	12	12	-	6	6
FOREARM-----	-	-	-	1	1	1	3	4	-	-	-	6	6	6	-	6	6
WRIST-----	-	-	-	2	2	2	2	4	-	-	-	24	24	24	-	12	12
HAND-----	-	-	-	7	7	7	6	13	-	-	-	107	107	107	-	15	15
FINGER(S)-----	-	-	-	16	16	16	20	36	-	-	-	243	243	243	-	15	15
UPPER EXTREMITIES, NEC-----	-	-	-	2	2	2	1	3	-	-	-	101	101	101	-	50	50
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
BACK-----	-	-	-	6	6	6	2	8	-	-	-	251	251	251	-	42	42
PELVIC REGION-----	-	-	-	2	2	2	-	2	-	-	-	90	90	90	-	45	45
SHOULDER(S)-----	-	-	-	4	4	4	2	6	-	-	-	112	112	112	-	28	28
THIGH-----	-	-	-	1	1	1	3	4	-	-	-	15	15	15	-	15	15
KNEE-----	-	-	-	4	4	4	-	4	-	-	-	214	214	214	-	54	54
LOWER LEG-----	-	-	-	2	2	2	1	3	-	-	-	26	26	26	-	13	13
ANKLE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
FOOT-----	-	-	-	2	2	2	1	3	-	-	-	4	4	4	-	2	2
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	350	350	350	-	350	350
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE-----	-	-	-	61	61	61	61	122	-	-	-	1,626	1,626	1,626	-	27	27
<b>NONPOWERED HAULAGE:</b>																	
FINGER(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BACK-----	-	-	-	3	3	3	-	3	-	-	-	22	22	22	-	7	7
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	85	85	85	-	85	85
TOTAL OR AVERAGE-----	-	-	-	4	4	4	1	5	-	-	-	107	107	107	-	27	27

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, 2008 (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	PERMANENT						TEMPORARY	TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
POWERED HAULAGE:																	
NOSE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
SCALP-----	-	-	-	1	1	1	-	1	-	-	19	19	19	-	-	19	
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
HEAD, NEC-----	-	-	-	2	2	2	1	3	-	-	8	8	8	-	4	4	
NECK-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3	
FOREARM-----	-	-	-	1	1	1	-	1	-	-	17	17	17	-	17	17	
WRIST-----	-	-	-	5	5	5	-	5	-	-	116	116	116	-	23	23	
HAND-----	-	-	-	1	1	1	-	1	-	-	6	6	6	-	6	6	
FINGER(S)-----	-	-	-	4	4	4	3	7	-	-	157	157	157	-	39	39	
UPPER EXTREMITIES, NEC-----	-	-	-	4	4	4	-	4	-	-	359	359	359	-	90	90	
BACK-----	-	-	-	9	9	9	3	12	-	-	232	232	232	-	26	26	
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	259	259	259	-	259	259	
SHOULDER(S)-----	-	-	-	3	3	3	3	6	-	-	147	147	147	-	49	49	
TRUNK, NEC-----	-	-	-	3	3	3	1	4	-	-	135	135	135	-	45	45	
KNEE-----	-	-	-	1	1	1	-	1	-	-	85	85	85	-	85	85	
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	8	8	8	-	8	8	
ANKLE-----	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5	
FOOT-----	-	-	-	2	2	2	-	2	-	-	122	122	122	-	61	61	
TOE(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	1	2	-	-	240	240	240	-	240	240	
BODY SYSTEMS-----	1	-	-	-	-	1	-	1	6,000	-	-	-	6,000	-	-	6,000	
MULTIPLE PARTS OF BODY-----	-	-	-	8	8	8	-	8	-	-	266	266	266	-	33	33	
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3	
TOTAL OR AVERAGE-----	1	-	-	50	50	51	15	66	6,000	-	-	2,187	2,187	8,187	-	44	161
IGNITION OR EXPLOSION OF GAS OR DUST:																	
FINGER(S)-----	-	-	-	1	1	1	-	1	-	-	10	10	10	-	10	10	
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	20	20	20	-	20	20	
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	30	30	30	-	15	15	

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, 2008 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>MACHINERY:</b>																	
EAR-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	
EYE-----	-	-	-	5	5	5	12	17	-	-	8	8	8	-	2	2	
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	2	4	-	-	228	228	228	-	114	114	
NOSE-----	-	-	-	1	1	1	-	1	-	-	2	2	2	-	2	2	
FACE, NEC-----	-	-	-	1	1	1	-	1	-	-	8	8	8	-	8	8	
HEAD, NEC-----	-	-	-	2	2	2	1	3	-	-	337	337	337	-	168	168	
NECK-----	-	-	-	3	3	3	-	3	-	-	207	207	207	-	69	69	
UPPER ARM-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
FOREARM-----	-	-	-	2	2	2	2	4	-	-	96	96	96	-	48	48	
WRIST-----	-	-	-	2	2	2	2	4	-	-	11	11	11	-	6	6	
HAND-----	-	-	1	5	6	6	8	14	-	-	3,338	338	3,338	3,000	68	556	
FINGER(S)-----	-	-	1	13	14	14	10	24	-	-	135	573	708	135	44	51	
BACK-----	-	-	-	3	3	3	-	3	-	-	13	13	13	-	4	4	
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	30	30	30	-	30	30	
SHOULDER(S)-----	-	-	-	2	2	2	1	3	-	-	55	55	55	-	28	28	
THIGH-----	-	-	-	1	1	1	-	1	-	-	6	6	6	-	6	6	
KNEE-----	-	-	-	1	1	1	-	1	-	-	83	83	83	-	83	83	
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
FOOT-----	-	-	-	2	2	2	-	2	-	-	38	38	38	-	19	19	
TOE(S)-----	-	-	-	1	1	1	-	1	-	-	23	23	23	-	23	23	
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	149	149	149	-	149	149	
BODY SYSTEMS-----	1	-	-	-	-	1	-	1	6,000	-	-	-	6,000	-	-	6,000	
MULTIPLE PARTS OF BODY-----	-	-	-	3	3	3	1	4	-	-	21	21	21	-	7	7	
TOTAL OR AVERAGE-----	1	-	2	51	53	54	43	97	6,000	-	3,135	2,226	5,361	11,361	1,568	44	210
<b>SLIP OR FALL OF PERSON:</b>																	
JAW-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
HEAD, NEC-----	-	-	-	1	1	1	1	2	-	-	4	4	4	-	4	4	
NECK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
ELBOW-----	-	-	-	2	2	2	1	3	-	-	145	145	145	-	72	72	
FOREARM-----	-	-	-	1	1	1	1	1	-	-	45	45	45	-	45	45	
WRIST-----	-	-	-	3	3	3	3	6	-	-	150	150	150	-	50	50	
HAND-----	-	-	-	4	4	4	2	6	-	-	74	74	74	-	18	18	
FINGER(S)-----	-	-	-	3	3	3	1	4	-	-	137	137	137	-	46	46	
UPPER EXTREMITIES, NEC-----	-	-	-	6	6	6	-	6	-	-	130	130	130	-	22	22	
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	28	28	28	-	28	28	
BACK-----	-	-	-	25	25	25	6	31	-	-	1,343	1,343	1,343	-	54	54	
CHEST-----	-	-	-	6	6	6	1	7	-	-	107	107	107	-	18	18	
PELVIC REGION-----	-	-	-	4	4	4	1	5	-	-	651	651	651	-	163	163	
SHOULDER(S)-----	-	-	-	13	13	13	6	19	-	-	949	949	949	-	73	73	
TRUNK, NEC-----	-	-	-	2	2	2	1	3	-	-	40	40	40	-	20	20	
KNEE-----	-	-	-	23	23	23	4	27	-	-	1,080	1,080	1,080	-	47	47	
LOWER LEG-----	-	-	-	8	8	8	5	13	-	-	69	69	69	-	9	9	
ANKLE-----	-	-	-	15	15	15	3	18	-	-	528	528	528	-	35	35	
FOOT-----	-	-	-	2	2	2	-	2	-	-	33	33	33	-	16	16	
LOWER EXTREMITIES, NEC-----	-	-	-	5	5	5	1	6	-	-	614	614	614	-	123	123	
MULTIPLE PARTS OF BODY-----	-	-	-	14	14	14	2	16	-	-	1,103	1,103	1,103	-	79	79	
TOTAL OR AVERAGE-----	-	-	-	138	138	138	42	180	-	-	7,230	7,230	7,230	-	52	52	



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, 2008 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
STEPPING OR KNEELING ON OBJECT:																	
BACK-----	-	-	-	1	1	1	-	1	-	-	-	31	31	31	-	31	31
KNEE-----	-	-	-	5	5	5	3	8	-	-	-	374	374	374	-	75	75
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	-	44	44	44	-	44	44
ANKLE-----	-	-	-	8	8	8	-	8	-	-	-	180	180	180	-	22	22
FOOT-----	-	-	-	1	1	1	-	1	-	-	-	127	127	127	-	127	127
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
TOTAL OR AVERAGE-----	-	-	-	17	17	17	3	20	-	-	-	771	771	771	-	45	45
STRIKING OR BUMPING:																	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SCALP-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-
NECK-----	-	-	-	2	2	2	1	3	-	-	-	226	226	226	-	113	113
HAND-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
BACK-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	72	72	72	-	72	72
MULTIPLE PARTS OF BODY-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	6	6	6	8	14	-	-	-	323	323	323	-	54	54
OTHER INJURIES:																	
EYE-----	-	-	-	-	-	-	7	7	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FOREARM-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	1	2	-	-	-	245	245	245	-	245	245
BACK-----	-	-	-	4	4	4	-	4	-	-	-	287	287	287	-	72	72
KNEE-----	-	-	-	6	6	6	-	6	-	-	-	342	342	342	-	57	57
LOWER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BODY SYSTEMS-----	1	-	-	-	-	1	2	3	6,000	-	-	-	-	6,000	-	-	6,000
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	99	99	99	-	99	99
TOTAL OR AVERAGE-----	1	-	-	13	13	14	12	26	6,000	-	-	981	981	6,981	-	75	499

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, 2008 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT		TEMPORARY					TOTAL NFDL	
		TOTAL	PARTIAL						TOTAL	PARTIAL							
TOTAL OR AVERAGE:	3	-	5	549	554	557	284	841	18,000	-	3,460	22,665	26,125	44,125	692	41	79
EAR-----	-	-	-	1	1	1	3	4	-	-	-	6	6	6	-	6	6
EYE-----	-	-	-	9	9	9	32	41	-	-	-	289	289	289	-	32	32
JAW-----	-	-	-	1	1	1	6	7	-	-	-	18	18	18	-	18	18
MOUTH/TEETH/TONGUE-----	-	-	-	2	2	2	11	13	-	-	-	228	228	228	-	114	114
NOSE-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
SCALP-----	-	-	-	1	1	1	1	2	-	-	-	19	19	19	-	19	19
SKULL-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
FACE, NEC-----	-	-	-	3	3	3	6	9	-	-	-	256	256	256	-	85	85
HEAD, NEC-----	-	-	-	6	6	6	21	27	-	-	-	352	352	352	-	59	59
NECK-----	-	-	-	8	8	8	4	12	-	-	-	450	450	450	-	56	56
UPPER ARM-----	-	-	-	5	5	5	1	6	-	-	-	249	249	249	-	50	50
ELBOW-----	-	-	-	6	6	6	2	8	-	-	-	167	167	167	-	28	28
FOREARM-----	-	-	-	8	8	8	6	14	-	-	-	204	204	204	-	26	26
WRIST-----	-	-	-	15	15	15	10	25	-	-	-	338	338	338	-	23	23
HAND-----	-	-	1	32	33	33	30	63	-	-	3,000	1,137	4,137	4,137	3,000	36	125
FINGER(S)-----	-	-	3	85	88	88	71	159	-	-	410	2,213	2,623	2,623	137	26	30
UPPER EXTREMITIES, NEC-----	-	-	-	18	18	18	4	22	-	-	-	1,102	1,102	1,102	-	61	61
ABDOMEN-----	-	-	-	3	3	3	2	5	-	-	-	65	65	65	-	22	22
BACK-----	-	-	-	106	106	106	17	123	-	-	-	3,699	3,699	3,699	-	35	35
CHEST-----	-	-	-	7	7	7	3	10	-	-	-	121	121	121	-	17	17
PELVIC REGION-----	-	-	1	15	16	16	1	17	-	-	50	1,226	1,276	1,276	50	82	80
SHOULDER(S)-----	-	-	-	40	40	40	14	54	-	-	-	2,247	2,247	2,247	-	56	56
TRUNK, NEC-----	-	-	-	7	7	7	2	9	-	-	-	187	187	187	-	27	27
THIGH-----	-	-	-	3	3	3	4	7	-	-	-	23	23	23	-	8	8
KNEE-----	-	-	-	51	51	51	8	59	-	-	-	2,497	2,497	2,497	-	49	49
LOWER LEG-----	-	-	-	18	18	18	7	25	-	-	-	389	389	389	-	22	22
ANKLE-----	-	-	-	30	30	30	3	33	-	-	-	863	863	863	-	29	29
FOOT-----	-	-	-	15	15	15	2	17	-	-	-	536	536	536	-	36	36
TOE(S)-----	-	-	-	5	5	5	2	7	-	-	-	89	89	89	-	18	18
LOWER EXTREMITIES, NEC-----	-	-	-	11	11	11	3	14	-	-	-	1,745	1,745	1,745	-	159	159
BODY SYSTEMS-----	3	-	-	1	1	4	2	6	18,000	-	-	6	6	18,006	-	6	4,502
MULTIPLE PARTS OF BODY-----	-	-	-	34	34	34	5	39	-	-	-	1,937	1,937	1,937	-	57	57
UNCLASSIFIED-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3

TABLE 16. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008

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:																	
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
ELECTRIC SHOCK-----	-	-	-	1	1	1	-	1	-	-	6	6	6	-	6	6	
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	27	27	27	-	27	27	
RADIATION/ULTRA VIOLET-----	-	-	-	1	1	1	1	2	-	-	15	15	15	-	15	15	
TOTAL OR AVERAGE-----	-	-	-	3	3	3	2	5	-	-	48	48	48	-	16	16	
EXPLODING VESSEL UNDER PRESSURE:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	9	9	9	-	9	9	
CUT OR PUNCTURE-----	-	-	-	2	2	2	-	2	-	-	14	14	14	-	7	7	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	14	14	14	-	14	14	
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	243	243	243	-	243	243	
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	264	264	264	-	264	264	
TOTAL OR AVERAGE-----	-	-	-	7	7	7	-	7	-	-	549	549	549	-	78	78	
FALLING, ROLLING, OR SLIDING MATERIAL:																	
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
FIRE:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	2	2	2	1	3	-	-	14	14	14	-	7	7	
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	2	2	2	2	4	-	-	14	14	14	-	7	7	
HANDLING MATERIAL:																	
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	275	-	275	138	-	138	
BURN/SCALD (NOT CHEM.)-----	-	-	1	-	1	1	1	2	-	-	38	-	38	-	38	38	
CHEMICAL BURN-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	
CONTUSION OR BRUISE-----	-	-	-	19	19	19	8	27	-	-	773	-	773	-	41	41	
CUT OR PUNCTURE-----	-	-	-	37	37	37	49	86	-	-	433	-	433	-	12	12	
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	24	-	24	-	24	24	
DUST IN EYE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	
FRACTURE-----	-	-	-	22	22	22	5	27	-	-	1,258	-	1,258	-	57	57	
HERNIA (NOT DISC)-----	-	-	1	4	5	5	-	5	-	50	150	-	200	50	38	40	
SCRATCH/ABRASION-----	-	-	-	3	3	3	2	5	-	-	200	-	200	-	67	67	
STRAIN/SPRAIN-----	-	-	-	91	91	91	15	106	-	-	3,095	-	3,095	-	34	34	
MULTIPLE INJURIES-----	-	-	-	6	6	6	5	11	-	-	231	-	231	-	38	38	
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
UNCLASSIFIED (NO DATA)-----	-	-	-	11	11	11	4	15	-	-	371	-	371	-	34	34	
TOTAL OR AVERAGE-----	-	-	3	195	198	198	94	292	-	-	325	6,573	6,898	108	34	35	

TABLE 16. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>HAND TOOL:</b>																	
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	10	10	10	6	16	-	-	-	267	267	267	-	27	27
CUT OR PUNCTURE-----	-	-	-	16	16	16	39	55	-	-	-	138	138	138	-	9	9
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
FRACTURE-----	-	-	-	9	9	9	6	15	-	-	-	563	563	563	-	63	63
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
SCRATCH/ABRASION-----	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
STRAIN/SPRAIN-----	-	-	-	17	17	17	4	21	-	-	-	494	494	494	-	29	29
MULTIPLE INJURIES-----	-	-	-	2	2	2	2	4	-	-	-	10	10	10	-	5	5
OTHER INJURY, NEC-----	-	-	-	1	1	1	2	3	-	-	-	10	10	10	-	10	10
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	1	3	-	-	-	120	120	120	-	60	60
TOTAL OR AVERAGE-----	-	-	-	61	61	61	61	122	-	-	-	1,626	1,626	1,626	-	27	27
<b>NONPOWERED HAULAGE:</b>																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	85	85	85	-	85	85
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	22	22	22	-	7	7
TOTAL OR AVERAGE-----	-	-	-	4	4	4	1	5	-	-	-	107	107	107	-	27	27
<b>POWERED HAULAGE:</b>																	
ASPHYXIATION/DROWNING-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CONTUSION OR BRUISE-----	-	-	-	4	4	4	1	5	-	-	-	130	130	130	-	32	32
CUT OR PUNCTURE-----	-	-	-	7	7	7	2	9	-	-	-	181	181	181	-	26	26
DISLOCATION-----	-	-	-	1	1	1	1	2	-	-	-	42	42	42	-	42	42
FRACTURE-----	-	-	-	8	8	8	4	12	-	-	-	990	990	990	-	124	124
SCRATCH/ABRASION-----	-	-	-	1	1	1	2	3	-	-	-	17	17	17	-	17	17
STRAIN/SPRAIN-----	-	-	-	15	15	15	4	19	-	-	-	333	333	333	-	22	22
MULTIPLE INJURIES-----	-	-	-	4	4	4	1	5	-	-	-	98	98	98	-	24	24
UNCLASSIFIED (NO DATA)-----	-	-	-	9	9	9	-	9	-	-	-	393	393	393	-	44	44
TOTAL OR AVERAGE-----	1	-	-	50	50	51	15	66	6,000	-	-	2,187	2,187	8,187	-	44	161
<b>IGNITION OR EXPLOSION OF GAS OR DUST:</b>																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	2	2	2	-	2	-	-	-	30	30	30	-	15	15
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	30	30	30	-	15	15

TABLE 16. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>MACHINERY:</b>																	
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	3,135	-	3,135	3,135	1,568	-	1,568
ASPHYXIATION/DROWNING-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)-----	-	-	-	6	6	6	5	11	-	-	64	64	64	-	11	11	11
CONTUSION OR BRUISE-----	-	-	-	5	5	5	6	11	-	-	427	427	427	-	85	85	85
CUT OR PUNCTURE-----	-	-	-	13	13	13	23	36	-	-	218	218	218	-	17	17	17
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	43	43	43	-	43	43	43
DUST IN EYE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	11	11	11	4	15	-	-	617	617	617	-	56	56	56
RADIATION/ULTRAVIOLET-----	-	-	-	5	5	5	1	6	-	-	11	11	11	-	2	2	2
STRAIN/SPRAIN-----	-	-	-	4	4	4	1	5	-	-	210	210	210	-	52	52	52
MULTIPLE INJURIES-----	-	-	-	2	2	2	-	2	-	-	415	415	415	-	208	208	208
OTHER INJURY, NEC-----	-	-	-	1	1	1	1	1	-	-	2	2	2	-	2	2	2
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	-	3	-	-	219	219	219	-	73	73	73
TOTAL OR AVERAGE-----	1	-	2	51	53	54	43	97	6,000	-	3,135	2,226	5,361	11,361	1,568	44	210
<b>SLIP OR FALL OF PERSON:</b>																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	13	13	13	-	13	13	13
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	-	1	-	-	4	4	4	-	4	4	4
CONTUSION OR BRUISE-----	-	-	-	21	21	21	5	26	-	-	934	934	934	-	44	44	44
CUT OR PUNCTURE-----	-	-	-	10	10	10	13	23	-	-	142	142	142	-	14	14	14
DISLOCATION-----	-	-	-	4	4	4	1	5	-	-	197	197	197	-	49	49	49
FRACTURE-----	-	-	-	25	25	25	4	29	-	-	1,959	1,959	1,959	-	78	78	78
SCRATCH/ABRASION-----	-	-	-	1	1	1	-	1	-	-	2	2	2	-	2	2	2
STRAIN/SPRAIN-----	-	-	-	61	61	61	13	74	-	-	3,102	3,102	3,102	-	51	51	51
MULTIPLE INJURIES-----	-	-	-	6	6	6	2	8	-	-	170	170	170	-	28	28	28
UNCLASSIFIED (NO DATA)-----	-	-	-	8	8	8	4	12	-	-	707	707	707	-	88	88	88
TOTAL OR AVERAGE-----	-	-	-	138	138	138	42	180	-	-	7,230	7,230	7,230	-	52	52	52
<b>STEPPING OR KNEELING ON OBJECT:</b>																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	127	127	127	-	127	127	127
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	59	59	59	-	30	30	30
STRAIN/SPRAIN-----	-	-	-	14	14	14	1	15	-	-	585	585	585	-	42	42	42
TOTAL OR AVERAGE-----	-	-	-	17	17	17	3	20	-	-	771	771	771	-	45	45	45
<b>STRIKING OR BUMPING:</b>																	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	81	81	81	-	40	40	40
CUT OR PUNCTURE-----	-	-	-	1	1	1	5	6	-	-	2	2	2	-	2	2	2
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	3	3	3	1	4	-	-	240	240	240	-	80	80	80
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	6	6	6	8	14	-	-	323	323	323	-	54	54	54

TABLE 16. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (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						
OTHER INJURIES:																	
ASPHYXIATION/DROWNING-----	1	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000	
CUT OR PUNCTURE-----	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	
DUST IN EYE-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	
FRACTURE-----	-	-	1	1	1	-	1	-	-	8	8	8	-	8	8	8	
POISONING (SYSTEMIC)-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	
SCRATCH/ABRASION-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	
STRAIN/SPRAIN-----	-	-	10	10	10	-	10	-	-	-	629	629	629	-	63	63	
OTHER INJURY, NEC-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
UNCLASSIFIED (NO DATA)-----	-	-	2	2	2	2	4	-	-	-	344	344	344	-	172	172	
TOTAL OR AVERAGE-----	1	-	-	13	13	14	26	6,000	-	-	981	981	6,981	-	75	499	
TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION-----	-	-	4	-	4	4	4	-	-	3,410	-	3,410	3,410	852	-	852	
ASPHYXIATION/DROWNING-----	3	-	-	-	3	-	3	18,000	-	-	-	-	18,000	-	-	6,000	
BURN/SCALD (NOT CHEM.)-----	-	-	14	14	14	7	21	-	-	-	291	291	291	-	21	21	
CHEMICAL BURN-----	-	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-	
CONCUSSION (CEREBRAL)-----	-	-	2	2	2	-	2	-	-	7	7	7	-	4	4	4	
CONTUSION OR BRUISE-----	-	-	63	63	63	27	90	-	-	2,706	2,706	2,706	-	43	43	43	
CUT OR PUNCTURE-----	-	-	86	86	86	136	222	-	-	1,128	1,128	1,128	-	13	13	13	
DISLOCATION-----	-	-	8	8	8	2	10	-	-	323	323	323	-	40	40	40	
DUST IN EYE-----	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-	
ELECTRIC SHOCK-----	-	-	1	1	1	-	1	-	-	6	6	6	-	6	6	6	
ELECT. BURN (CONTACT)-----	-	-	1	1	1	-	1	-	-	27	27	27	-	27	27	27	
FRACTURE-----	-	-	79	79	79	24	103	-	-	5,468	5,468	5,468	50	69	69	69	
HERNIA (NOT DISC)-----	-	1	5	6	6	-	6	-	-	152	202	202	-	30	34	34	
POISONING (SYSTEMIC)-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	
RADIATION/ULTRAVIOLET-----	-	-	6	6	6	2	8	-	-	-	26	26	26	-	4	4	
SCRATCH/ABRASION-----	-	-	7	7	7	6	13	-	-	224	224	224	-	32	32	32	
STRAIN/SPRAIN-----	-	-	218	218	218	39	257	-	-	8,710	8,710	8,710	-	40	40	40	
MULTIPLE INJURIES-----	-	-	21	21	21	11	32	-	-	1,167	1,167	1,167	-	56	56	56	
OTHER INJURY, NEC-----	-	-	3	3	3	5	8	-	-	276	276	276	-	92	92	92	
UNCLASSIFIED (NO DATA)-----	-	-	35	35	35	12	47	-	-	2,154	2,154	2,154	-	62	62	62	
TOTAL OR AVERAGE-----	3	-	5	549	554	557	841	18,000	-	3,460	22,665	26,125	44,125	692	41	79	

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008

WORK LOCATION AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING--SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
SURFACE MINES:								
STRIP:								
SAND AND GRAVEL:								
CALIFORNIA-----	-	-	-	-	1	2	-	3
MICHIGAN-----	-	-	-	-	-	4	-	4
MINNESOTA-----	-	-	-	-	-	3	-	3
NEW YORK-----	1	-	-	-	-	-	-	1
NORTH CAROLINA-----	-	-	-	-	1	-	-	1
OKLAHOMA-----	-	-	-	-	-	-	1	1
SOUTH DAKOTA-----	-	-	-	-	1	-	-	1
WASHINGTON-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	1	-	1
TOTAL-----	1	-	-	-	3	11	1	16
SURFACE MINES:								
DREDGE:								
SAND AND GRAVEL:								
FLORIDA-----	-	-	-	-	1	-	-	1
LOUISIANA-----	-	-	-	-	1	-	-	1
MICHIGAN-----	-	-	-	-	-	-	1	1
MISSISSIPPI-----	-	-	-	-	1	-	-	1
TOTAL-----	-	-	-	-	3	-	1	4
TOTAL SURFACE:								
SAND AND GRAVEL:								
CALIFORNIA-----	-	-	-	-	1	2	-	3
FLORIDA-----	-	-	-	-	1	-	-	1
LOUISIANA-----	-	-	-	-	1	-	-	1
MICHIGAN-----	-	-	-	-	-	4	1	5
MINNESOTA-----	-	-	-	-	-	3	-	3
MISSISSIPPI-----	-	-	-	-	1	-	-	1
NEW YORK-----	1	-	-	-	-	-	-	1
NORTH CAROLINA-----	-	-	-	-	1	-	-	1
OKLAHOMA-----	-	-	-	-	-	-	1	1
SOUTH DAKOTA-----	-	-	-	-	1	-	-	1
WASHINGTON-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	1	-	1
TOTAL-----	1	-	-	-	6	11	2	20
TOTAL MINING:								
SAND AND GRAVEL:								
CALIFORNIA-----	-	-	-	-	1	2	-	3
FLORIDA-----	-	-	-	-	1	-	-	1
LOUISIANA-----	-	-	-	-	1	-	-	1
MICHIGAN-----	-	-	-	-	-	4	1	5
MINNESOTA-----	-	-	-	-	-	3	-	3
MISSISSIPPI-----	-	-	-	-	1	-	-	1
NEW YORK-----	1	-	-	-	-	-	-	1
NORTH CAROLINA-----	-	-	-	-	1	-	-	1
OKLAHOMA-----	-	-	-	-	-	-	1	1
SOUTH DAKOTA-----	-	-	-	-	1	-	-	1
WASHINGTON-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	1	-	1
TOTAL-----	1	-	-	-	6	11	2	20

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (CONTINUED)

WORK LOCATION AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING--SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
TOTAL, MINES AND PLANTS:								
SAND AND GRAVEL:								
CALIFORNIA-----	-	-	-	-	1	2	-	3
FLORIDA-----	-	-	-	-	1	-	-	1
LOUISIANA-----	-	-	-	-	1	-	-	1
MICHIGAN-----	-	-	-	-	-	4	1	5
MINNESOTA-----	-	-	-	-	-	3	-	3
MISSISSIPPI-----	-	-	-	-	1	-	-	1
NEW YORK-----	1	-	-	-	-	-	-	1
NORTH CAROLINA-----	-	-	-	-	1	-	-	1
OKLAHOMA-----	-	-	-	-	-	-	1	1
SOUTH DAKOTA-----	-	-	-	-	1	-	-	1
WASHINGTON-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	1	-	1
TOTAL-----	1	-	-	-	6	11	2	20
GRAND TOTAL:								
SAND AND GRAVEL:								
CALIFORNIA-----	-	-	-	-	1	2	-	3
FLORIDA-----	-	-	-	-	1	-	-	1
LOUISIANA-----	-	-	-	-	1	-	-	1
MICHIGAN-----	-	-	-	-	-	4	1	5
MINNESOTA-----	-	-	-	-	-	3	-	3
MISSISSIPPI-----	-	-	-	-	1	-	-	1
NEW YORK-----	1	-	-	-	-	-	-	1
NORTH CAROLINA-----	-	-	-	-	1	-	-	1
OKLAHOMA-----	-	-	-	-	-	-	1	1
SOUTH DAKOTA-----	-	-	-	-	1	-	-	1
WASHINGTON-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	1	-	1
TOTAL-----	1	-	-	-	6	11	2	20
TOTAL OR AVERAGE-----	1	-	-	-	6	11	2	20



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, 2008 (OPERATOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED
<b>UNDERGROUND MINES:</b>										
METAL-----	3	.04	188	2.77	126	1.86	317	4.68	6,843	13,554,543
NONMETAL-----	1	.03	134	4.00	50	1.49	185	5.53	3,191	6,695,467
STONE-----	2	.08	45	1.80	26	1.04	73	2.92	2,322	4,992,079
TOTAL, UNDERGROUND MINES-	6	.05	367	2.91	202	1.60	575	4.56	12,356	25,242,089
<b>SURFACE MINES:</b>										
METAL-----	1	.01	335	2.19	160	1.04	496	3.24	14,379	30,635,558
NONMETAL-----	-	-	76	1.70	44	.98	120	2.68	4,759	8,967,484
STONE-----	3	.01	632	2.06	304	.99	939	3.07	32,926	61,248,453
SUBTOTAL, SURFACE MINES--	4	.01	1,043	2.07	508	1.01	1,555	3.08	52,064	100,851,495
SAND AND GRAVEL-----	3	.01	550	1.91	281	.97	834	2.89	35,158	57,685,466
TOTAL, SURFACE MINES----	7	.01	1,593	2.01	789	1.00	2,389	3.01	87,222	158,536,961
TOTAL, MINES-----	13	.01	1,960	2.13	991	1.08	2,964	3.23	99,578	183,779,050
<b>MILLS:</b>										
METAL-----	1	.01	288	2.08	156	1.13	445	3.21	13,061	27,733,149
NONMETAL-----	1	.01	297	2.45	121	1.00	419	3.45	11,536	24,293,928
STONE-----	2	.01	944	2.90	445	1.37	1,391	4.27	31,796	65,090,789
TOTAL, MILLS-----	4	.01	1,529	2.61	722	1.23	2,255	3.85	56,393	117,117,866
<b>INDEPENDENT SHOPS AND YARDS:</b>										
METAL-----	-	-	1	.43	2	.87	3	1.30	225	459,806
NONMETAL-----	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	5	2.12	6	2.54	11	4.66	285	471,604
TOTAL, SHOPS AND YARDS---	-	-	6	1.29	8	1.72	14	3.01	510	931,410
<b>ALL MINES, MILLS AND SHOPS:</b>										
METAL-----	5	.01	812	2.24	444	1.23	1,261	3.48	34,508	72,383,056
NONMETAL-----	2	.01	507	2.54	215	1.08	724	3.62	19,486	39,956,879
STONE-----	7	.01	1,626	2.47	781	1.19	2,414	3.66	67,329	131,802,925
SUBTOTAL-----	14	.01	2,945	2.41	1,440	1.18	4,399	3.60	121,323	244,142,860
SAND AND GRAVEL-----	3	.01	550	1.91	281	.97	834	2.89	35,158	57,685,466
TOTAL, MINES/MILLS/SHOPS-	17	.01	3,495	2.32	1,721	1.14	5,233	3.47	156,481	301,828,326
<b>OFFICEWORKERS:</b>										
METAL-----	-	-	13	.29	3	.07	16	.36	4,618	8,981,606
NONMETAL-----	-	-	5	.15	-	-	5	.15	3,547	6,562,345
STONE-----	-	-	13	.12	6	.06	19	.18	11,646	21,695,259
SAND AND GRAVEL-----	-	-	4	.09	3	.07	7	.16	7,149	9,000,654
TOTAL, OFFICEWORKERS----	-	-	35	.15	12	.05	47	.20	26,960	46,239,864
<b>SUMMARY TOTAL (INCLUDES OFFICEWORKERS):</b>										
METAL-----	5	.01	825	2.03	447	1.10	1,277	3.14	39,126	81,364,662
NONMETAL-----	2	.01	512	2.20	215	.92	729	3.13	23,033	46,519,224
STONE-----	7	.01	1,639	2.14	787	1.03	2,433	3.17	78,975	153,498,184
SUBTOTAL-----	14	.01	2,976	2.12	1,449	1.03	4,439	3.16	141,134	281,382,070
SAND AND GRAVEL-----	3	.01	554	1.66	284	.85	841	2.52	42,307	66,686,120
GRAND TOTAL-----	17	.01	3,530	2.03	1,733	1.00	5,280	3.03	183,441	348,068,190

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, 2008 (OPERATOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED	PRODUCTION REPORTED (SHORT TONS)
<b>BITUMINOUS COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	11	.02	2,093	4.57	962	2.10	3,066	6.70	40,279	91,572,442	357,404,133
SURFACE-----	-	-	99	3.08	62	1.93	161	5.00	3,072	6,437,494	-
TOTAL, UNDERGROUND MINES--	11	.02	2,192	4.47	1,024	2.09	3,227	6.59	43,351	98,009,936	357,404,133
<b>SURFACE MINES:</b>											
STRIP MINES-----	4	.01	460	1.29	200	.56	664	1.86	32,245	71,589,753	803,667,138
AUGER MINES-----	-	-	11	1.87	9	1.53	20	3.40	745	1,175,514	8,277,132
OTHER SURFACE MINES-----	-	-	5	1.62	5	1.62	10	3.23	360	619,112	1,395,639
TOTAL, SURFACE MINES-----	4	.01	476	1.30	214	.58	694	1.89	33,350	73,384,379	813,339,909
TOTAL, PRODUCTION MINING--	15	.02	2,668	3.11	1,238	1.44	3,921	4.58	76,701	171,394,315	1,170,744,042
PREPARATION PLANTS-----	1	.01	136	1.49	102	1.12	239	2.62	7,937	18,277,517	-
INDEPENDENT SHOPS/YARDS-----	1	.19	13	2.48	2	.38	16	3.05	429	1,049,211	-
TOTAL, OTHER OPERATIONS----	2	.02	149	1.54	104	1.08	255	2.64	8,366	19,326,728	-
TOTAL, BITUMINOUS MINING--	17	.02	2,817	2.95	1,342	1.41	4,176	4.38	85,067	190,721,043	1,170,744,042
<b>PENNSYLVANIA ANTHRACITE COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	1	1.25	10	12.53	-	-	11	13.78	91	159,620	241,349
SURFACE-----	-	-	2	10.76	-	-	2	10.76	24	37,182	-
TOTAL, UNDERGROUND MINES--	1	1.02	12	12.20	-	-	13	13.21	115	196,802	241,349
<b>SURFACE MINES:</b>											
STRIP MINES-----	-	-	17	4.21	8	1.98	25	6.19	419	807,914	1,459,190
CULM BANK-----	-	-	2	1.35	-	-	2	1.35	168	296,239	11,899
DREDGE-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, SURFACE MINES-----	-	-	19	3.44	8	1.45	27	4.89	587	1,104,153	1,471,089
TOTAL, PRODUCTION MINING--	1	.15	31	4.77	8	1.23	40	6.15	702	1,300,955	1,712,438
PREPARATION PLANTS-----	-	-	23	6.13	7	1.87	30	8.00	353	750,440	-
INDEPENDENT SHOPS/YARDS-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OTHER OPERATIONS----	-	-	23	6.13	7	1.87	30	8.00	353	750,440	-
TOTAL, ANTHRACITE MINING--	1	.10	54	5.26	15	1.46	70	6.82	1,055	2,051,395	1,712,438
<b>ALL COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	12	.03	2,103	4.59	962	2.10	3,077	6.71	40,370	91,732,062	357,645,482
SURFACE-----	-	-	101	3.12	62	1.92	163	5.04	3,096	6,474,676	-
TOTAL, UNDERGROUND MINES--	12	.02	2,204	4.49	1,024	2.09	3,240	6.60	43,466	98,206,738	357,645,482
<b>SURFACE MINES:</b>											
STRIP MINES-----	4	.01	477	1.32	208	.57	689	1.90	32,664	72,397,667	805,126,328
AUGER MINES-----	-	-	11	1.87	9	1.53	20	3.40	745	1,175,514	8,277,132
CULM BANK-----	-	-	6	1.41	4	.94	10	2.35	479	850,696	586,627
DREDGE-----	-	-	1	3.09	1	3.09	2	6.19	49	64,655	820,911
TOTAL, SURFACE MINES-----	4	.01	495	1.33	222	.60	721	1.94	33,937	74,488,532	814,810,998
TOTAL, PRODUCTION MINING--	16	.02	2,699	3.13	1,246	1.44	3,961	4.59	77,403	172,695,270	1,172,456,480
PREPARATION PLANTS-----	1	.01	159	1.67	109	1.15	269	2.83	8,290	19,027,957	-
INDEPENDENT SHOPS/YARDS-----	1	.19	13	2.48	2	.38	16	3.05	429	1,049,211	-
TOTAL, OTHER OPERATIONS----	2	.02	172	1.71	111	1.11	285	2.84	8,719	20,077,168	-
TOTAL, ALL COAL-----	18	.02	2,871	2.98	1,357	1.41	4,246	4.41	86,122	192,772,438	1,172,456,480
<b>OFFICEWORKERS:</b>											
<b>BITUMINOUS:</b>											
BITUMINOUS-----	-	-	1	.03	1	.03	2	.05	3,807	7,356,277	-
<b>ANTHRACITE:</b>											
ANTHRACITE-----	-	-	-	-	-	-	-	-	126	227,819	-
TOTAL, OFFICEWORKERS-----	-	-	1	.03	1	.03	2	.05	3,933	7,584,096	-
<b>GRAND TOTAL-----</b>	<b>18</b>	<b>.02</b>	<b>2,872</b>	<b>2.87</b>	<b>1,358</b>	<b>1.36</b>	<b>4,248</b>	<b>4.24</b>	<b>90,055</b>	<b>200,356,534</b>	<b>1,172,456,480</b>

**CONTRACTOR DATA**

## **TABLE REFERENCE GUIDE (SAND AND GRAVEL CONTRACTOR DATA)**

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

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

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

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

STUB READINGS	COLUMN READINGS								
	Number of injuries	Incidence rates *	Lost workdays	Average severity	Average number of workers *	Employee-hours worked *	Accident classification	Number of occupational illnesses	Coal production (short tons)
Prior year data with and without office	1/	1		1					
Work Location	5		5	5					
	7		7	7					
	9		9	9					
	11						11		
			12				12		
	13		13	13					
	14		14	14					
	18	18				18	18		
	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, 2008

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
NUMBER OF INJURIES:										
FATAL-----	-	-	3	-	1	-	-	3	-	1
NFDL-----	23	11	24	13	14	23	11	24	13	14
TOTAL LWD INJURIES-----	23	11	27	13	15	23	11	27	13	15
NDL-----	1	8	14	8	12	1	8	14	8	12
TOTAL INJURIES-----	24	19	41	21	27	24	19	41	21	27
AVERAGE SEVERITY:										
PERMANENT PARTIAL-----	-	-	-	75	-	-	-	-	75	-
TEMPORARY NFDL-----	48	72	53	38	50	48	72	53	38	50
ALL LWD INJURIES-----	48	72	714	41	447	48	72	714	41	447

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, 2008

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-----	-	-	-	3	3	3	-	3	-	-	-	265	265	265	-	88	88
CALI FORNI A-----	-	-	-	2	2	2	1	3	-	-	-	67	67	67	-	34	34
DELAWARE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MI CHI GAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MI NNESOTA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	2	2	2	-	2	-	-	-	26	26	26	-	13	13
NEW MEXI CO-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
TEXAS-----	-	-	-	2	2	2	3	5	-	-	-	286	286	286	-	143	143
UTAH-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
VI RGI NI A-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
WI SCOSI N-----	1	-	-	-	-	1	1	2	6,000	-	-	-	6,000	-	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	13	13	14	9	23	6,000	-	-	699	699	6,699	-	54	478
DREDGE:																	
OHI O-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TEXAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
VI RGI NI A-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE, SURFACE:																	
ARI ZONA-----	-	-	-	3	3	3	-	3	-	-	-	265	265	265	-	88	88
CALI FORNI A-----	-	-	-	2	2	2	1	3	-	-	-	67	67	67	-	34	34
DELAWARE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MI CHI GAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MI NNESOTA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	2	2	2	-	2	-	-	-	26	26	26	-	13	13
NEW MEXI CO-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
OHI O-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TEXAS-----	-	-	-	2	2	2	4	6	-	-	-	286	286	286	-	143	143
UTAH-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
VI RGI NI A-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
WI SCOSI N-----	1	-	-	-	-	1	1	2	6,000	-	-	-	6,000	-	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447

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, 2008 (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:																	
ARI ZONA-----	-	-	-	3	3	3	-	3	-	-	-	265	265	265	-	88	88
CALI FORNI A-----	-	-	-	2	2	2	1	3	-	-	-	67	67	67	-	34	34
DELAWARE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MI CHI GAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MI NNESOTA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	2	2	2	-	2	-	-	-	26	26	26	-	13	13
NEW MEXI CO-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
OHIO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TEXAS-----	-	-	-	2	2	2	4	6	-	-	-	286	286	286	-	143	143
UTAH-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
WISCONSIN-----	1	-	-	-	-	1	1	2	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447
TOTAL OR AVERAGE, ALL MINES AND PLANTS:																	
ARI ZONA-----	-	-	-	3	3	3	-	3	-	-	-	265	265	265	-	88	88
CALI FORNI A-----	-	-	-	2	2	2	1	3	-	-	-	67	67	67	-	34	34
DELAWARE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MI CHI GAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MI NNESOTA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	2	2	2	-	2	-	-	-	26	26	26	-	13	13
NEW MEXI CO-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
OHIO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TEXAS-----	-	-	-	2	2	2	4	6	-	-	-	286	286	286	-	143	143
UTAH-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
WISCONSIN-----	1	-	-	-	-	1	1	2	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447
GRAND TOTAL OR AVERAGE:																	
ARI ZONA-----	-	-	-	3	3	3	-	3	-	-	-	265	265	265	-	88	88
CALI FORNI A-----	-	-	-	2	2	2	1	3	-	-	-	67	67	67	-	34	34
DELAWARE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
IOWA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
MI CHI GAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MI NNESOTA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	2	2	2	-	2	-	-	-	26	26	26	-	13	13
NEW MEXI CO-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
OHIO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TEXAS-----	-	-	-	2	2	2	4	6	-	-	-	286	286	286	-	143	143
UTAH-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
WISCONSIN-----	1	-	-	-	-	1	1	2	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447



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, 2008

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>SURFACE MINES:</b>																	
<b>OPEN PIT:</b>																	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
HEAD, NEC-----	-	-	-	2	2	2	2	4	-	-	4	4	4	-	2	2	
NECK-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3	
UPPER ARM-----	-	-	-	1	1	1	-	1	-	-	48	48	48	-	48	48	
FINGER(S)-----	-	-	-	1	1	1	2	3	-	-	21	21	21	-	21	21	
UPPER EXTREMITIES, NEC--	-	-	-	1	1	1	-	1	-	-	52	52	52	-	52	52	
BACK-----	-	-	-	1	1	1	1	2	-	-	210	210	210	-	210	210	
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	16	16	16	-	16	16	
KNEE-----	-	-	-	1	1	1	1	2	-	-	46	46	46	-	46	46	
FOOT-----	-	-	-	2	2	2	-	2	-	-	287	287	287	-	144	144	
TOE(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
BODY SYSTEMS-----	1	-	-	-	-	1	-	1	6,000	-	-	-	6,000	-	-	6,000	
MULTIPLE PARTS OF BODY--	-	-	-	2	2	2	1	3	-	-	12	12	12	-	6	6	
TOTAL OR AVERAGE-----	1	-	-	13	13	14	9	23	6,000	-	-	699	699	6,699	-	54	478
<b>DREDGE:</b>																	
HEAD, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
FOREARM-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3	
FINGER(S)-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	3	3	3	-	3	3	
<b>TOTAL OR AVERAGE, MINING:</b>																	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
HEAD, NEC-----	-	-	-	2	2	2	3	5	-	-	4	4	4	-	2	2	
NECK-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3	
UPPER ARM-----	-	-	-	1	1	1	-	1	-	-	48	48	48	-	48	48	
FOREARM-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3	
FINGER(S)-----	-	-	-	1	1	1	4	5	-	-	21	21	21	-	21	21	
UPPER EXTREMITIES, NEC--	-	-	-	1	1	1	-	1	-	-	52	52	52	-	52	52	
BACK-----	-	-	-	1	1	1	1	2	-	-	210	210	210	-	210	210	
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	16	16	16	-	16	16	
KNEE-----	-	-	-	1	1	1	1	2	-	-	46	46	46	-	46	46	
FOOT-----	-	-	-	2	2	2	-	2	-	-	287	287	287	-	144	144	
TOE(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
BODY SYSTEMS-----	1	-	-	-	-	1	-	1	6,000	-	-	-	6,000	-	-	6,000	
MULTIPLE PARTS OF BODY--	-	-	-	2	2	2	1	3	-	-	12	12	12	-	6	6	
TOTAL OR AVERAGE-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447

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, 2008 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	2	2	2	3	5	-	-	-	4	4	4	-	2	2
NECK-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
UPPER ARM-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
FOREARM-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
FINGER(S)-----	-	-	-	1	1	1	4	5	-	-	-	21	21	21	-	21	21
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	52	52	52	-	52	52
BACK-----	-	-	-	1	1	1	1	2	-	-	-	210	210	210	-	210	210
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
KNEE-----	-	-	-	1	1	1	1	2	-	-	-	46	46	46	-	46	46
FOOT-----	-	-	-	2	2	2	-	2	-	-	-	287	287	287	-	144	144
TOE(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BODY SYSTEMS-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	1	3	-	-	-	12	12	12	-	6	6

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, 2008

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>SURFACE MINES:</b>																	
<b>OPEN PIT:</b>																	
ASPHYXIATION/DROWNING----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE----	-	-	-	3	3	3	-	3	-	-	76	76	76	-	25	25	
CUT OR PUNCTURE----	-	-	-	1	1	1	4	5	-	-	2	2	2	-	2	2	
DISLOCATION----	-	-	-	1	1	1	-	1	-	-	16	16	16	-	16	16	
FRACTURE----	-	-	-	2	2	2	2	4	-	-	294	294	294	-	147	147	
STRAIN/SPRAIN----	-	-	-	3	3	3	2	5	-	-	97	97	97	-	32	32	
UNCLASSIFIED (NO DATA)----	-	-	-	3	3	3	-	3	-	-	214	214	214	-	71	71	
TOTAL OR AVERAGE-----	1	-	-	13	13	14	9	23	6,000	-	-	699	699	6,699	-	54	478
<b>DREDGE:</b>																	
CONTUSION OR BRUISE----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE----	-	-	-	1	1	1	2	3	-	-	3	3	3	-	3	3	
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	3	3	3	-	3	3	
<b>TOTAL OR AVERAGE, MINING:</b>																	
ASPHYXIATION/DROWNING----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
CONTUSION OR BRUISE----	-	-	-	3	3	3	1	4	-	-	76	76	76	-	25	25	
CUT OR PUNCTURE----	-	-	-	2	2	2	6	8	-	-	5	5	5	-	2	2	
DISLOCATION----	-	-	-	1	1	1	-	1	-	-	16	16	16	-	16	16	
FRACTURE----	-	-	-	2	2	2	2	4	-	-	294	294	294	-	147	147	
STRAIN/SPRAIN----	-	-	-	3	3	3	2	5	-	-	97	97	97	-	32	32	
UNCLASSIFIED (NO DATA)----	-	-	-	3	3	3	-	3	-	-	214	214	214	-	71	71	
TOTAL OR AVERAGE-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447
<b>GRAND TOTAL OR AVERAGE:</b>																	
ASPHYXIATION/DROWNING----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
CONTUSION OR BRUISE----	-	-	-	3	3	3	1	4	-	-	76	76	76	-	25	25	
CUT OR PUNCTURE----	-	-	-	2	2	2	6	8	-	-	5	5	5	-	2	2	
DISLOCATION----	-	-	-	1	1	1	-	1	-	-	16	16	16	-	16	16	
FRACTURE----	-	-	-	2	2	2	2	4	-	-	294	294	294	-	147	147	
STRAIN/SPRAIN----	-	-	-	3	3	3	2	5	-	-	97	97	97	-	32	32	
UNCLASSIFIED (NO DATA)----	-	-	-	3	3	3	-	3	-	-	214	214	214	-	71	71	
TOTAL OR AVERAGE-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447

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, 2008

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						
MOUTH/TEETH/TONGUE: CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC: CUT OR PUNCTURE-----	-	-	-	1	1	1	3	4	-	-	-	2	2	2	-	2	2
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE-----	-	-	-	2	2	2	3	5	-	-	-	4	4	4	-	2	2
NECK: STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
UPPER ARM: STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
FOREARM: CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
FINGER(S): CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	-	-	-	21	21	21	-	21	21
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	4	5	-	-	-	21	21	21	-	21	21
UPPER EXTREMITIES, NEC: CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	52	52	52	-	52	52
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	52	52	52	-	52	52
BACK: FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	210	210	210	-	210	210
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	210	210	210	-	210	210
SHOULDER(S): DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16

TABLE 10. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008 (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: STRAIN/SPRAIN-----	-	-	-	1	1	1	1	2	-	-	-	46	46	46	-	46	46
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	46	46	46	-	46	46
FOOT: CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	284	284	284	-	284	284
TOTAL OR AVERAGE-----	-	-	-	2	2	2	-	2	-	-	-	287	287	287	-	144	144
TOE(S): BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BODY SYSTEMS: ASPHYXIATION/DROWNING----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
MULTIPLE PARTS OF BODY: FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE-----	-	-	-	2	2	2	1	3	-	-	-	12	12	12	-	6	6
TOTAL OR AVERAGE: ASPHYXIATION/DROWNING----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	3	3	3	1	4	-	-	-	76	76	76	-	25	25
CUT OR PUNCTURE-----	-	-	-	2	2	2	6	8	-	-	-	5	5	5	-	2	2
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
FRACTURE-----	-	-	-	2	2	2	2	4	-	-	-	294	294	294	-	147	147
STRAIN/SPRAIN-----	-	-	-	3	3	3	2	5	-	-	-	97	97	97	-	32	32
UNCLASSIFIED (NO DATA)----	-	-	-	3	3	3	-	3	-	-	-	214	214	214	-	71	71
TOTAL OR AVERAGE-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447



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, 2008 (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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	3	-			
CALI FORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-				
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
IOWA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
MICHIGAN-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
NEW MEXICO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
TEXAS-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	2	3	-			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	-		
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-			
TOTAL-----	-	4	2	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	7	3	-	-	-	-	-	-	-	-	-	1	13	9	-			
DREDGE:																																				
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	
TOTAL MINING:																																				
ARI ZONA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	3	-			
CALI FORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-			
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-			
IOWA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
MICHIGAN-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
NEW MEXICO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
TEXAS-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	2	4	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-		
TOTAL-----	-	4	2	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	7	3	-	-	-	-	-	-	-	-	-	1	14	12	-	-		
GRAND TOTAL:																																				
ARI ZONA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-		
CALI FORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
IOWA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
MICHIGAN-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
NEW MEXICO-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
TEXAS-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	2	4	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
TOTAL-----	-	4	2	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	7	3	-	-	-	-	-	-	-	-	-	1	14	12	-	-		

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, 2008

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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALI FORNI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXI CO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-
DREDGE:																						
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
TOTAL MINING:																						
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALI FORNI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXI CO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-
GRAND TOTAL:																						
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALI FORNI A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXI CO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-



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, 2008 (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-----	-	3	-	-	-	-	-	-	-	-	-	-	-	262	-	-	-	-	-	-	-	-	265
CALI FORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-	-	-	-	-	-	67
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2
IOWA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	26
NEW MEXICO-----	-	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
TEXAS-----	-	2	-	-	-	-	-	-	-	-	-	-	-	284	-	-	-	-	-	-	-	-	286
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	55	-	-	-	-	-	-	-	-	6,000	-	-	620	-	-	-	-	-	-	-	-	6,000 699
DREDGE:																							
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
TOTAL MINING:																							
ARI ZONA-----	-	3	-	-	-	-	-	-	-	-	-	-	-	262	-	-	-	-	-	-	-	-	265
CALI FORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-	-	-	-	-	-	67
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2
IOWA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	26
NEW MEXICO-----	-	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
TEXAS-----	-	2	-	-	-	-	-	-	-	-	-	-	-	284	-	-	-	-	-	-	-	-	286
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	55	-	-	-	-	-	-	-	-	6,000	-	-	620	-	-	-	-	-	-	-	-	6,000 702
GRAND TOTAL:																							
ARI ZONA-----	-	3	-	-	-	-	-	-	-	-	-	-	-	262	-	-	-	-	-	-	-	-	265
CALI FORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-	-	-	-	-	-	67
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2
IOWA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	26
NEW MEXICO-----	-	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
TEXAS-----	-	2	-	-	-	-	-	-	-	-	-	-	-	284	-	-	-	-	-	-	-	-	286
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	55	-	-	-	-	-	-	-	-	6,000	-	-	620	-	-	-	-	-	-	-	-	6,000 702

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, 2008

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
<b>SURFACE MINES:</b>																	
OPEN PIT:																	
BULLDOZER/MOBILE EQUIP.---	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
FRONT END LOADER-----	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
LABORER-----	-	-	-	3	3	3	-	3	-	-	-	233	233	233	-	78	78
MECHANIC/MAINTENANCE-----	-	-	-	5	5	5	3	8	-	-	-	113	113	113	-	23	23
MINER-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SUPERVISOR/FOREMAN-----	1	-	-	-	-	1	2	3	6,000	-	-	-	-	6,000	-	-	6,000
TECH./PROF./CLERICAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TRUCK DRIVER-----	-	-	-	2	2	2	2	4	-	-	-	332	332	332	-	166	166
TOTAL OR AVERAGE-----	1	-	-	13	13	14	9	23	6,000	-	-	699	699	6,699	-	54	478
<b>DREDGE:</b>																	
BULLDOZER/MOBILE EQUIP.---	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
MECHANIC/MAINTENANCE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WELDER/MACHINIST-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	-	3	3	3	-	3	3
<b>TOTAL OR AVERAGE, MINING:</b>																	
BULLDOZER/MOBILE EQUIP.---	-	-	-	2	2	2	1	3	-	-	-	19	19	19	-	10	10
FRONT END LOADER-----	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
LABORER-----	-	-	-	3	3	3	-	3	-	-	-	233	233	233	-	78	78
MECHANIC/MAINTENANCE-----	-	-	-	5	5	5	4	9	-	-	-	113	113	113	-	23	23
MINER-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SUPERVISOR/FOREMAN-----	1	-	-	-	-	1	2	3	6,000	-	-	-	-	6,000	-	-	6,000
TECH./PROF./CLERICAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TRUCK DRIVER-----	-	-	-	2	2	2	2	4	-	-	-	332	332	332	-	166	166
WELDER/MACHINIST-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447
<b>GRAND TOTAL OR AVERAGE:</b>																	
BULLDOZER/MOBILE EQUIP.---	-	-	-	2	2	2	1	3	-	-	-	19	19	19	-	10	10
FRONT END LOADER-----	-	-	-	2	2	2	-	2	-	-	-	5	5	5	-	2	2
LABORER-----	-	-	-	3	3	3	-	3	-	-	-	233	233	233	-	78	78
MECHANIC/MAINTENANCE-----	-	-	-	5	5	5	4	9	-	-	-	113	113	113	-	23	23
MINER-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
SUPERVISOR/FOREMAN-----	1	-	-	-	-	1	2	3	6,000	-	-	-	-	6,000	-	-	6,000
TECH./PROF./CLERICAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TRUCK DRIVER-----	-	-	-	2	2	2	2	4	-	-	-	332	332	332	-	166	166
WELDER/MACHINIST-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447

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, 2008

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:																	
HANDLING MATERIAL-----	-	-	-	2	2	2	2	4	-	-	-	24	24	24	-	12	12
POWERED HAULAGE-----	-	-	-	4	4	4	2	6	-	-	-	55	55	55	-	14	14
MACHINERY-----	1	-	-	-	-	1	2	3	6,000	-	-	-	-	6,000	-	-	6,000
SLIP OR FALL OF PERSON-----	-	-	-	7	7	7	3	10	-	-	-	620	620	620	-	89	89
TOTAL OR AVERAGE-----	1	-	-	13	13	14	9	23	6,000	-	-	699	699	6,699	-	54	478
DREDGE:																	
HANDLING MATERIAL-----	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3
HAND TOOL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE, MINING:																	
HANDLING MATERIAL-----	-	-	-	3	3	3	4	7	-	-	-	27	27	27	-	9	9
HAND TOOL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWERED HAULAGE-----	-	-	-	4	4	4	2	6	-	-	-	55	55	55	-	14	14
MACHINERY-----	1	-	-	-	-	1	2	3	6,000	-	-	-	-	6,000	-	-	6,000
SLIP OR FALL OF PERSON-----	-	-	-	7	7	7	3	10	-	-	-	620	620	620	-	89	89
TOTAL OR AVERAGE-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447
GRAND TOTAL OR AVERAGE:																	
HANDLING MATERIAL-----	-	-	-	3	3	3	4	7	-	-	-	27	27	27	-	9	9
HAND TOOL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWERED HAULAGE-----	-	-	-	4	4	4	2	6	-	-	-	55	55	55	-	14	14
MACHINERY-----	1	-	-	-	-	1	2	3	6,000	-	-	-	-	6,000	-	-	6,000
SLIP OR FALL OF PERSON-----	-	-	-	7	7	7	3	10	-	-	-	620	620	620	-	89	89
TOTAL OR AVERAGE-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447

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, 2008

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
<b>HANDLING MATERIAL:</b>																	
FOREARM-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
FINGER(S)-----	-	-	-	1	1	1	4	5	-	-	-	21	21	21	-	21	21
FOOT-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	3	3	3	4	7	-	-	-	27	27	27	-	9	9
<b>HAND TOOL:</b>																	
HEAD, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
<b>POWERED HAULAGE:</b>																	
HEAD, NEC-----	-	-	-	1	1	1	2	3	-	-	-	2	2	2	-	2	2
NECK-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
UPPER ARM-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
MULTIPLE PARTS OF BODY----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE-----	-	-	-	4	4	4	2	6	-	-	-	55	55	55	-	14	14
<b>MACHINERY:</b>																	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOE(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BODY SYSTEMS-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
TOTAL OR AVERAGE-----	1	-	-	-	-	1	2	3	6,000	-	-	-	-	6,000	-	-	6,000
<b>SLIP OR FALL OF PERSON:</b>																	
HEAD, NEC-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
UPPER EXTREMITIES, NEC----	-	-	-	1	1	1	-	1	-	-	-	52	52	52	-	52	52
BACK-----	-	-	-	1	1	1	1	2	-	-	-	210	210	210	-	210	210
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
KNEE-----	-	-	-	1	1	1	1	2	-	-	-	46	46	46	-	46	46
FOOT-----	-	-	-	1	1	1	1	2	-	-	-	284	284	284	-	284	284
MULTIPLE PARTS OF BODY----	-	-	-	1	1	1	1	2	-	-	-	10	10	10	-	10	10
TOTAL OR AVERAGE-----	-	-	-	7	7	7	3	10	-	-	-	620	620	620	-	89	89

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, 2008 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE:-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	2	2	2	3	5	-	-	-	4	4	4	-	2	2
NECK-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
UPPER ARM-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
FOREARM-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
FINGER(S)-----	-	-	-	1	1	1	4	5	-	-	-	21	21	21	-	21	21
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	52	52	52	-	52	52
BACK-----	-	-	-	1	1	1	1	2	-	-	-	210	210	210	-	210	210
SHOULDER(S)-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
KNEE-----	-	-	-	1	1	1	1	2	-	-	-	46	46	46	-	46	46
FOOT-----	-	-	-	2	2	2	-	2	-	-	-	287	287	287	-	144	144
TOE(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BODY SYSTEMS-----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
MULTIPLE PARTS OF BODY-----	-	-	-	2	2	2	1	3	-	-	-	12	12	12	-	6	6

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, 2008

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
HANDLING MATERIAL:																	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	1	3	-	-	-	24	24	24	-	12	12
CUT OR PUNCTURE-----	-	-	-	1	1	1	2	3	-	-	-	3	3	3	-	3	3
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	3	3	3	4	7	-	-	-	27	27	27	-	9	9
HAND TOOL:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWERED HAULAGE:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	51	51	51	-	26	26
UNCLASSIFIED (NO DATA)----	-	-	-	2	2	2	-	2	-	-	-	4	4	4	-	2	2
TOTAL OR AVERAGE-----	-	-	-	4	4	4	2	6	-	-	-	55	55	55	-	14	14
MACHINERY:																	
ASPHYXIATION/DROWNING----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	1	-	-	-	-	1	2	3	6,000	-	-	-	-	6,000	-	-	6,000
SLIP OR FALL OF PERSON:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	52	52	52	-	52	52
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
FRACTURE-----	-	-	-	2	2	2	1	3	-	-	-	294	294	294	-	147	147
STRAIN/SPRAIN-----	-	-	-	1	1	1	2	3	-	-	-	46	46	46	-	46	46
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	210	210	210	-	210	210
TOTAL OR AVERAGE-----	-	-	-	7	7	7	3	10	-	-	-	620	620	620	-	89	89
TOTAL OR AVERAGE:																	
ASPHYXIATION/DROWNING----	1	-	-	-	-	1	-	1	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	3	3	3	1	4	-	-	-	76	76	76	-	25	25
CUT OR PUNCTURE-----	-	-	-	2	2	2	6	8	-	-	-	5	5	5	-	2	2
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	16	16	16	-	16	16
FRACTURE-----	-	-	-	2	2	2	2	4	-	-	-	294	294	294	-	147	147
STRAIN/SPRAIN-----	-	-	-	3	3	3	2	5	-	-	-	97	97	97	-	32	32
UNCLASSIFIED (NO DATA)----	-	-	-	3	3	3	-	3	-	-	-	214	214	214	-	71	71
TOTAL OR AVERAGE-----	1	-	-	14	14	15	12	27	6,000	-	-	702	702	6,702	-	50	447

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2008

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 ***	2008 ****	

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, 2008 (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
<b>UNDERGROUND MINES:</b>										
METAL-----	-		48		43		91			
NONMETAL-----	-		11		10		21			
STONE-----	1		1		1		3			
TOTAL, UNDERGROUND MINES-	1	.03	60	1.90	54	1.71	115	3.65	7,712	6,308,381
<b>SURFACE MINES:</b>										
METAL-----	-		121		61		182			
NONMETAL-----	-		19		13		32			
STONE-----	-		88		51		139			
SUBTOTAL, SURFACE MINES--	-		228		125		353			
SAND AND GRAVEL-----	1		14		12		27			
TOTAL, SURFACE MINES----	1	(*)	242	1.09	137	.62	380	1.71	43,507	44,449,455
TOTAL, MINES-----	2	.01	302	1.19	191	.75	495	1.95	51,219	50,757,836
<b>MILLS:</b>										
METAL-----	2		51		48		101			
NONMETAL-----	-		25		15		40			
STONE-----	1		123		98		222			
TOTAL, MILLS-----	3	.02	199	1.59	161	1.28	363	2.89	20,977	25,108,367
<b>INDEPENDENT SHOPS AND YARDS:</b>										
METAL-----	-		-		-		-			
NONMETAL-----	-		-		-		-			
STONE-----	-		-		-		-			
TOTAL, SHOPS AND YARDS---	-		-		-		-		49	36,440
<b>ALL MINES, MILLS AND SHOPS:</b>										
METAL-----	2		220		152		374			
NONMETAL-----	-		55		38		93			
STONE-----	2		212		150		364			
SUBTOTAL-----	4		487		340		831			
SAND AND GRAVEL-----	1		14		12		27			
TOTAL, MINES/MILLS/SHOPS-	5	.01	501	1.32	352	.93	858	2.26	72,245	75,902,643
<b>OFFICEWORKERS:</b>										
METAL-----	-		4		1		5			
NONMETAL-----	-		1		-		1			
STONE-----	1		1		6		8			
SAND AND GRAVEL-----	-		-		-		-			
TOTAL, OFFICEWORKERS----	1	.05	6	.28	7	.33	14	.66	3,206	4,269,309
<b>SUMMARY TOTAL (INCLUDES OFFICEWORKERS):</b>										
METAL-----	2		224		153		379			
NONMETAL-----	-		56		38		94			
STONE-----	3		213		156		372			
SUBTOTAL-----	5		493		347		845			
SAND AND GRAVEL-----	1		14		12		27			
GRAND TOTAL-----	6	.01	507	1.26	359	.90	872	2.18	75,451	80,171,952



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, 2008 (CONTRACTOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED	PRODUCTION REPORTED (SHORT TONS)
<b>BITUMINOUS COAL:</b>											
UNDERGROUND MINES:											
UNDERGROUND-----	3		168		41		212				
SURFACE-----	-		50		11		61				
TOTAL, UNDERGROUND MINES--	3		218		52		273				
SURFACE MINES:											
STRIP MINES-----	6		173		86		265				
AUGER MINES-----	-		1		-		1				
OTHER SURFACE MINES-----	-		2		-		2				
TOTAL, SURFACE MINES-----	6		176		86		268				
TOTAL, PRODUCTION MINING--	9		394		138		541				
PREPARATION PLANTS-----	3		83		30		116				
INDEPENDENT SHOPS/YARDS-----	-		2		-		2				
TOTAL, OTHER OPERATIONS---	3		85		30		118				
TOTAL, BITUMINOUS MINING--	12		479		168		659				
<b>PENNSYLVANIA ANTHRACITE COAL:</b>											
UNDERGROUND MINES:											
UNDERGROUND-----	-		-		-		-				
SURFACE-----	-		-		-		-				
TOTAL, UNDERGROUND MINES--	-		-		-		-				
SURFACE MINES:											
STRIP MINES-----	-		-		-		-				
CULM BANK-----	-		-		-		-				
DREDGE-----	-		-		-		-				
TOTAL, SURFACE MINES-----	-		-		-		-				
TOTAL, PRODUCTION MINING--	-		-		-		-				
PREPARATION PLANTS-----	-		2		2		4				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	-		2		2		4				
TOTAL, ANTHRACITE MINING--	-		2		2		4				
<b>ALL COAL:</b>											
UNDERGROUND MINES:											
UNDERGROUND-----	3	.07	168	4.09	41	1.00	212	5.16	6,262	8,210,232	201,675
SURFACE-----	-		50	1.43	11	.32	61	1.75	7,325	6,980,138	-
TOTAL, UNDERGROUND MINES--	3	.04	218	2.87	52	.68	273	3.59	13,587	15,190,370	201,675
SURFACE MINES:											
STRIP MINES-----	6	.05	173	1.51	86	.75	265	2.31	18,075	22,912,573	440,276
AUGER MINES-----	-		1	2.05	-		1	2.05	217	97,695	15,818
CULM BANK-----	-		2	.59	-		2	.59	701	679,190	25,543
DREDGE-----	-		-		-		-		69	29,728	-
TOTAL, SURFACE MINES-----	6	.05	176	1.48	86	.73	268	2.26	19,062	23,719,186	481,637
TOTAL, PRODUCTION MINING--	9	.05	394	2.03	138	.71	541	2.78	32,649	38,909,556	683,312
PREPARATION PLANTS-----	3	.06	85	1.66	32	.62	120	2.34	8,537	10,251,294	-
INDEPENDENT SHOPS/YARDS-----	-		2	.82	-		2	.82	437	490,728	-
TOTAL, OTHER OPERATIONS---	3	.06	87	1.62	32	.60	122	2.27	8,974	10,742,022	-
TOTAL, ALL COAL-----	12	.05	481	1.94	170	.68	663	2.67	41,623	49,651,578	683,312
<b>OFFICEWORKERS:</b>											
BITUMINOUS-----	-		4		1		5				
ANTHRACITE-----	-		-		-		-				
TOTAL, OFFICEWORKERS-----	-		4	.27	1	.07	5	.33	2,149	2,991,143	-
<b>GRAND TOTAL-----</b>	<b>12</b>	<b>.05</b>	<b>485</b>	<b>1.84</b>	<b>171</b>	<b>.65</b>	<b>668</b>	<b>2.54</b>	<b>43,772</b>	<b>52,642,721</b>	<b>683,312</b>