

Injury Experience in Sand and Gravel Mining, 2007



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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, 2007

by
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ABSTRACT

This Mine Safety and Health Administration (MSHA) informational report reviews in detail the occupational injury and illness experience of sand and gravel mining in the United States for 2007. Data reported by operators of mining establishments concerning work injuries are summarized by work location, accident classification, part of body injured, nature of injury, and occupation. Related information on employment, worktime, and operating activity also is presented. Data reported by independent contractors performing certain work at mining locations are depicted separately in this report. For ease of comparison with other metal and nonmetallic mineral mining industries and with coal mining, summary reference tabulations are included at the end of both the operator and the contractor sections of this report.

INTRODUCTION

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

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

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

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

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

SCOPE OF STATISTICS

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

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

DEFINITION OF TERMS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Entrapment. Accidents involving entrapment of persons.

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

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

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

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

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

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

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

Handtools. Accidents related to nonpowered tools.

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

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

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

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

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

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

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

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

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

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

Other. Accidents not elsewhere classified.

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

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

<u>Disability</u>	<u>Lost Workdays Charged</u> ¹
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

¹ 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 (OPERATOR DATA)

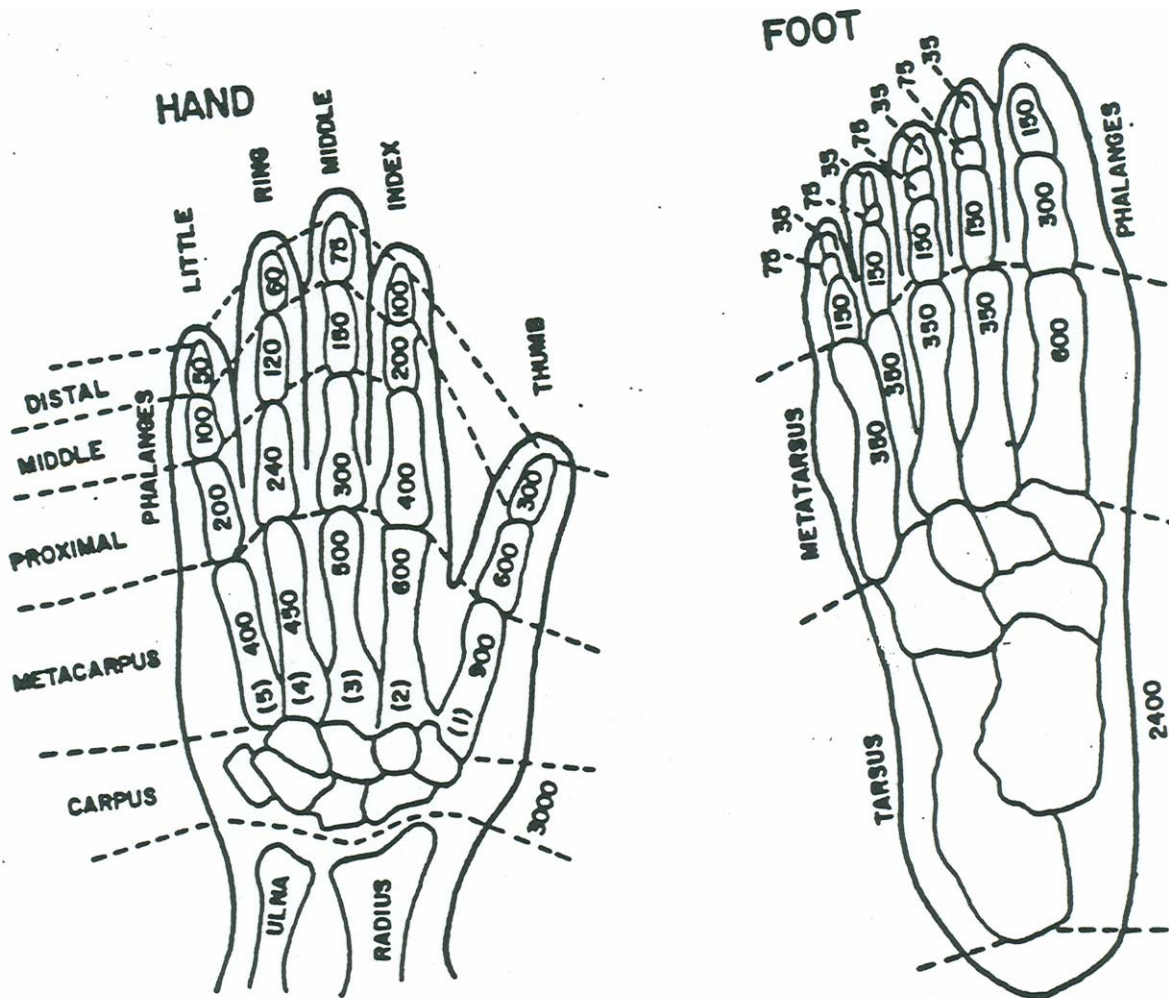
The following reference guide facilitates locating particular data elements contained in the annual statistical tables for operators. A comparable guide precedes the contractor section of this report. The number appearing in each cell indicates the table number in which that particular element may be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

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

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



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

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

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

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

Date Report Completed
Mo. Day Yr.

For Quarter Year

Mail Before

Mo. Day Yr.

1. Persons Working, Employee-Hours, and Coal Production		(1) Operation Sub Unit Code(s) previously reported:	(2) Average number of persons working during quarter	(3) Total employee hours worked during the quarter	(4) Production of clean coal during quarter, (short tons)
Underground Mine	01	Underground			
	02	Surface Shops, Yards, etc.			
Surface Mine	03	Strip, Open Pit, or Quarry			
(including associated shops and yards)	04	Auger (Coal Mine Only)			
	05	Culm Bank or Refuse Pile (Coal Mine Only)			
	06	Dredge			
	12	Other Surface Mining (Metal/Nonmetal Only)			
Independent Shops or Yards	17				
Mill Operations, Preparation Plants, or Breakers (include associated shops and yards)	30				
Office (professional and clerical employees at the mine or plant working in an office)	99				

2. Other Reportable Data

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

Person to be contacted regarding this report: Name _____ Title _____

Tel. No. () area code _____

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 _____

FIGURE 2. Quarterly mine employment and coal production form.

Mine Accident, Injury and Illness Report



• **Section A - Identification D** Approved For Use Through 04/30/2011 OMB Number 1219-0007

MSHA ID Number	Contractor ID	Report Category	• Check here if report pertains to contractor
		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			
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Month</td> <td style="width:33%;">Day</td> <td style="width:33%;">Year</td> </tr> </table>	Month	Day	Year	
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)
(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			
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Month</td> <td style="width:33%;">Day</td> <td style="width:33%;">Year</td> </tr> </table>	Month	Day	Year	• pm	• pm
Month	Day	Year			

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

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

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

13. Name of Injured/III Employee	14. Sex	15. Date of Birth				
	• Male	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Month</td> <td style="width:33%;">Day</td> <td style="width:33%;">Year</td> </tr> </table>	Month	Day	Year	12
Month	Day	Year				
	• Female		14			

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

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

22. Part of Body Injured or Affected	23. Occupational Illness (circle applicable code - see instructions)	21 Occupational Skin Diseases
	22 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		<i>Answer 30 & 31 when case is closed</i>				
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)			
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Month</td> <td style="width:33%;">Day</td> <td style="width:33%;">Year</td> </tr> </table>	Month	Day	Year		
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, 2007

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
NUMBER OF INJURIES:										
FATAL-----	10	8	9	6	5	10	8	9	6	5
NFDL-----	846	753	841	795	657	853	758	845	799	661
TOTAL LWD INJURIES-----	856	761	850	801	662	863	766	854	805	666
NDL-----	395	411	405	373	302	398	417	410	374	308
TOTAL INJURIES-----	1,251	1,172	1,255	1,174	964	1,261	1,183	1,264	1,179	974
INCIDENCE RATES:										
FATAL-----	.03	.02	.03	.02	.01	.03	.02	.02	.02	.01
NFDL-----	2.60	2.26	2.45	2.28	1.97	2.28	1.98	2.15	2.01	1.72
ALL LWD INJURIES-----	2.64	2.28	2.48	2.30	1.98	2.31	2.00	2.18	2.02	1.74
NDL-----	1.22	1.23	1.18	1.07	.90	1.06	1.09	1.05	.94	.80
ALL INJURIES-----	3.85	3.51	3.66	3.37	2.89	3.37	3.09	3.22	2.96	2.54
SEVERITY MEASURES:										
FATAL-----	185	144	158	103	90	160	125	138	90	78
NFDL-----	123	104	149	120	91	108	91	130	106	80
ALL LWD INJURIES-----	307	248	307	223	181	268	216	268	196	158
AVERAGE SEVERITY:										
PERMANENT PARTIAL-----	377	704	893	494	101	377	704	893	494	101
TEMPORARY NFDL-----	40	40	38	41	36	40	40	38	41	36
ALL LWD INJURIES-----	117	109	124	97	91	116	108	123	97	91
AVERAGE NUMBER OF EMPLOYEES----	36,540	37,000	37,705	38,450	38,182	43,910	44,467	45,240	46,069	45,761
EMPLOYEE-HOURS WORKED-----	64,953,660	66,727,368	68,515,570	69,699,443	66,826,618	74,774,210	76,616,395	78,426,842	79,591,861	76,680,439
AVERAGE HOURS PER EMPLOYEE										
PER YEAR-----	1,778	1,803	1,817	1,813	1,750	1,703	1,723	1,734	1,728	1,676
OPERATIONS REPORTED:										
NUMBER OF OPERATIONS-----	7,013	7,004	7,044	7,099	7,125	7,070	7,074	7,111	7,178	7,199
ASSOCIATED WORK LOCATIONS----	-	-	-	-	-	4,009	4,173	4,263	4,283	4,293

TABLE 2. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND EMPLOYMENT SIZE GROUP AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007

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		TEMPO-RARY	TOTAL NFDL																TOTAL	PARTIAL
		TOTAL	PARTIAL																			
SURFACE MINES:																						
OPEN PIT:																						
1 - 4-----	1	1	4	87	92	93	45	138	.02	1.55	1.56	.76	2.32	101	160	261	9,829	11,893,736	4,158	-		
5 - 9-----	-	-	3	137	140	140	55	195	-	1.87	1.87	.73	2.60	-	72	72	8,593	14,973,849	1,331	-		
10 - 19-----	-	-	3	142	145	145	63	208	-	1.89	1.89	.82	2.71	-	72	72	7,848	15,352,290	600	-		
20 - 34-----	1	-	1	95	96	97	39	136	.02	2.27	2.30	.92	3.22	142	93	235	4,058	8,443,960	162	-		
35 - 49-----	-	-	-	45	45	45	21	66	-	2.60	2.60	1.21	3.82	-	60	60	1,677	3,456,943	43	-		
50 - 99-----	-	-	-	25	25	25	19	44	-	1.97	1.97	1.49	3.46	-	60	60	1,230	2,542,391	19	-		
TOTAL OR AVERAGE-----	2	1	11	531	543	545	242	787	.01	1.92	1.92	.85	2.78	42	92	135	33,235	56,663,169	6,313	-		
DREDGE:																						
1 - 4-----	-	-	-	15	15	15	5	20	-	1.56	1.56	.52	2.08	-	59	59	1,221	1,925,768	466	-		
5 - 9-----	1	-	-	31	31	32	17	49	.07	2.12	2.19	1.16	3.35	410	87	497	1,415	2,925,649	214	-		
10 - 19-----	2	-	-	26	26	28	22	50	.14	1.80	1.94	1.52	3.46	830	83	913	1,267	2,892,756	98	-		
20 - 34-----	-	-	1	29	30	30	9	39	-	4.10	4.10	1.23	5.32	-	146	146	642	1,465,087	26	-		
35 - 49-----	-	-	-	7	7	7	6	13	-	3.13	3.13	2.69	5.82	-	48	48	202	446,853	5	-		
50 - 99-----	-	-	-	5	5	5	1	6	-	1.97	1.97	.39	2.37	-	22	22	200	507,336	3	-		
TOTAL OR AVERAGE-----	3	-	1	113	114	117	60	177	.06	2.24	2.30	1.18	3.48	354	84	439	4,947	10,163,449	812	-		
TOTAL OR AVERAGE, MINING:																						
1 - 4-----	1	1	4	102	107	108	50	158	.01	1.55	1.56	.72	2.29	87	146	233	11,050	13,819,504	4,624	-		
5 - 9-----	1	-	3	168	171	172	72	244	.01	1.91	1.92	.80	2.73	67	75	142	10,008	17,899,498	1,545	-		
10 - 19-----	2	-	3	168	171	173	85	258	.02	1.87	1.90	.93	2.83	132	74	205	9,115	18,245,046	698	-		
20 - 34-----	1	-	2	124	126	127	48	175	.02	2.54	2.56	.97	3.53	121	101	222	4,700	9,909,047	188	-		
35 - 49-----	-	-	-	52	52	52	27	79	-	2.66	2.66	1.38	4.05	-	58	58	1,879	3,903,796	48	-		
50 - 99-----	-	-	-	30	30	30	20	50	-	1.97	1.97	1.31	3.28	-	53	53	1,430	3,049,727	22	-		
TOTAL OR AVERAGE-----	5	1	12	644	657	662	302	964	.01	1.97	1.98	.90	2.89	90	91	181	38,182	66,826,618	7,125	-		
OFFICE:																						
1 - 4-----	-	-	-	3	3	3	6	9	-	.09	.09	.17	.26	-	2	2	6,035	7,030,853	73	4,086		
5 - 9-----	-	-	-	1	1	1	-	1	-	.11	.11	-	.11	-	7	7	1,021	1,794,374	-	168		
10 - 19-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	456	933,970	1	36		
20 - 34-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	94,624	-	3		
TOTAL OR AVERAGE-----	-	-	-	4	4	4	6	10	-	.08	.08	.12	.20	-	3	3	7,579	9,853,821	74	4,293		
GRAND TOTAL OR AVERAGE:																						
1 - 4-----	1	1	4	105	110	111	56	167	.01	1.06	1.06	.54	1.60	58	97	155	17,085	20,850,357	4,697	4,086		
5 - 9-----	1	-	3	169	172	173	72	245	.01	1.75	1.76	.73	2.49	61	68	129	11,029	19,693,872	1,545	168		
10 - 19-----	2	-	3	168	171	173	85	258	.02	1.78	1.80	.89	2.69	125	70	195	9,571	19,179,016	699	36		
20 - 34-----	1	-	2	124	126	127	48	175	.02	2.52	2.54	.96	3.50	120	100	220	4,767	10,003,671	188	3		
35 - 49-----	-	-	-	52	52	52	27	79	-	2.66	2.66	1.38	4.05	-	58	58	1,879	3,903,796	48	-		
50 - 99-----	-	-	-	30	30	30	20	50	-	1.97	1.97	1.31	3.28	-	53	53	1,430	3,049,727	22	-		
TOTAL OR AVERAGE-----	5	1	12	648	661	666	308	974	.01	1.72	1.74	.80	2.54	78	80	158	45,761	76,680,439	7,199	4,293		

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, 2007

WORK LOCATION AND EMPLOYMENT SIZE GROUP	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
1 - 4-----	1	1	4	87	92	93	45	138	6,000	6,000	625	2,884	9,509	15,509	156	33	167
5 - 9-----	-	-	3	137	140	140	55	195	-	-	185	5,208	5,393	5,393	62	38	39
10 - 19-----	-	-	3	142	145	145	63	208	-	-	270	5,252	5,522	5,522	90	37	38
20 - 34-----	1	-	1	95	96	97	39	136	6,000	-	60	3,880	3,940	9,940	60	41	102
35 - 49-----	-	-	-	45	45	45	21	66	-	-	-	1,032	1,032	1,032	-	23	23
50 - 99-----	-	-	-	25	25	25	19	44	-	-	-	760	760	760	-	30	30
TOTAL OR AVERAGE-----	2	1	11	531	543	545	242	787	12,000	6,000	1,140	19,016	26,156	38,156	104	36	70
DREDGE:																	
1 - 4-----	-	-	-	15	15	15	5	20	-	-	-	572	572	572	-	38	38
5 - 9-----	1	-	-	31	31	32	17	49	6,000	-	-	1,275	1,275	7,275	-	41	227
10 - 19-----	2	-	-	26	26	28	22	50	12,000	-	-	1,203	1,203	13,203	-	46	472
20 - 34-----	-	-	1	29	30	30	9	39	-	-	75	997	1,072	1,072	75	34	36
35 - 49-----	-	-	-	7	7	7	6	13	-	-	-	107	107	107	-	15	15
50 - 99-----	-	-	-	5	5	5	1	6	-	-	-	55	55	55	-	11	11
TOTAL OR AVERAGE-----	3	-	1	113	114	117	60	177	18,000	-	75	4,209	4,284	22,284	75	37	190
TOTAL OR AVERAGE, MINING:																	
1 - 4-----	1	1	4	102	107	108	50	158	6,000	6,000	625	3,456	10,081	16,081	156	34	149
5 - 9-----	1	-	3	168	171	172	72	244	6,000	-	185	6,483	6,668	12,668	62	39	74
10 - 19-----	2	-	3	168	171	173	85	258	12,000	-	270	6,455	6,725	18,725	90	38	108
20 - 34-----	1	-	2	124	126	127	48	175	6,000	-	135	4,877	5,012	11,012	68	39	87
35 - 49-----	-	-	-	52	52	52	27	79	-	-	-	1,139	1,139	1,139	-	22	22
50 - 99-----	-	-	-	30	30	30	20	50	-	-	-	815	815	815	-	27	27
TOTAL OR AVERAGE-----	5	1	12	644	657	662	302	964	30,000	6,000	1,215	23,225	30,440	60,440	101	36	91
OFFICE:																	
1 - 4-----	-	-	-	3	3	3	6	9	-	-	-	69	69	69	-	23	23
5 - 9-----	-	-	-	1	1	1	-	1	-	-	-	66	66	66	-	66	66
10 - 19-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 - 34-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	4	4	4	6	10	-	-	-	135	135	135	-	34	34
GRAND TOTAL OR AVERAGE:																	
1 - 4-----	1	1	4	105	110	111	56	167	6,000	6,000	625	3,525	10,150	16,150	156	34	145
5 - 9-----	1	-	3	169	172	173	72	245	6,000	-	185	6,549	6,734	12,734	62	39	74
10 - 19-----	2	-	3	168	171	173	85	258	12,000	-	270	6,455	6,725	18,725	90	38	108
20 - 34-----	1	-	2	124	126	127	48	175	6,000	-	135	4,877	5,012	11,012	68	39	87
35 - 49-----	-	-	-	52	52	52	27	79	-	-	-	1,139	1,139	1,139	-	22	22
50 - 99-----	-	-	-	30	30	30	20	50	-	-	-	815	815	815	-	27	27
TOTAL OR AVERAGE-----	5	1	12	648	661	666	308	974	30,000	6,000	1,215	23,360	30,575	60,575	101	36	91

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007

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					
		TOTAL	PARTIAL	TEMPORARY																FATAL
ALABAMA	-	-	-	5	5	5	3	8	-	1.07	1.07	.64	1.72	-	17	17	442	932,329	63	-
ALASKA	-	-	-	2	2	2	2	4	-	1.27	1.27	1.27	2.54	-	12	12	545	315,116	78	-
ARIZONA	-	-	1	61	62	62	21	83	-	2.83	2.83	.96	3.79	-	88	88	2,414	4,382,524	282	-
ARKANSAS	-	-	1	6	7	7	2	9	-	2.65	2.65	.76	3.41	-	49	49	276	527,660	48	-
CALIFORNIA	-	-	-	99	99	99	38	137	-	2.50	2.50	.96	3.46	-	91	91	4,031	7,923,904	390	-
COLORADO	-	-	-	34	34	34	5	39	-	3.03	3.03	.45	3.48	-	130	130	1,458	2,242,232	278	-
CONNECTICUT	-	-	-	-	-	-	-	1	-	-	-	.45	.45	-	-	-	326	444,177	78	-
DELAWARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	64,681	4	-
FLORIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	139	230,884	23	-
GEORGIA	-	-	1	4	5	5	3	8	-	2.28	2.28	1.37	3.66	-	79	79	196	437,695	13	-
HAWAII	-	-	-	6	6	6	2	8	-	9.78	9.78	3.26	13.04	-	163	163	123	122,744	30	-
IDAHO	-	-	-	9	9	9	7	16	-	1.79	1.79	1.40	3.19	-	74	74	697	1,003,008	170	-
ILLINOIS	-	-	-	8	8	8	4	12	-	1.77	1.77	.89	2.66	-	125	125	523	901,844	89	-
INDIANA	-	-	-	6	6	6	5	11	-	1.36	1.36	1.13	2.49	-	72	72	452	883,840	114	-
IOWA	-	-	-	5	5	5	3	8	-	1.51	1.51	.91	2.41	-	28	28	449	662,755	122	-
KANSAS	-	-	-	1	1	1	2	3	-	1.28	1.28	2.56	3.83	-	22	22	102	156,493	36	-
KENTUCKY	-	-	1	-	-	-	1	3	-	1.19	1.19	3.56	4.75	-	7,119	7,119	92	168,561	12	-
LOUISIANA	-	-	-	4	4	4	-	4	-	2.48	2.48	-	2.48	-	92	92	187	322,636	40	-
MAINE	-	-	-	1	1	1	1	2	-	.31	.31	.31	.62	-	1	1	509	642,627	176	-
MARYLAND	-	-	-	4	4	4	3	7	-	1.27	1.27	.95	2.22	-	37	37	629,278	629,381	20	-
MASSACHUSETTS	-	-	-	5	5	5	-	5	-	1.59	1.59	-	1.59	-	38	38	468	628,638	107	-
MICHIGAN	-	-	1	12	13	13	8	21	-	1.31	1.31	.80	2.11	-	44	44	1,462	1,991,752	428	-
MINNESOTA	-	-	1	12	13	13	11	24	-	1.52	1.52	1.29	2.81	-	55	55	1,370	1,706,295	465	-
MISSISSIPPI	-	-	-	13	13	13	2	15	-	2.87	2.87	.44	3.31	-	78	78	422	907,171	60	-
MISSOURI	-	-	-	1	1	1	1	2	-	.54	.54	.54	1.07	-	33	33	270	372,543	61	-
MONTANA	-	-	1	8	9	9	3	12	-	2.38	2.38	.79	3.18	-	89	89	687	755,552	209	-
NEBRASKA	-	-	-	1	1	1	-	1	-	2.14	2.14	-	2.14	-	26	26	108	93,497	25	-
NEVADA	-	-	-	15	15	15	5	20	-	1.63	1.63	.54	2.17	-	68	68	1,022	1,840,768	135	-
NEW HAMPSHIRE	-	-	-	5	5	5	-	5	-	1.76	1.76	-	1.76	-	77	77	403	569,727	103	-
NEW JERSEY	-	-	-	3	3	3	1	4	-	1.19	1.19	.40	1.59	-	2	2	263	502,148	35	-
NEW MEXICO	-	-	-	6	6	6	3	9	-	1.12	1.12	.56	1.69	-	100	100	664	1,068,106	123	-
NEW YORK	-	-	-	20	20	20	10	30	-	2.03	2.03	1.01	3.04	-	89	89	1,232	1,972,820	347	-
NORTH CAROLINA	-	-	-	3	3	3	6	9	-	.54	.54	1.08	1.62	-	28	28	594	1,111,913	81	-
NORTH DAKOTA	-	-	-	4	4	4	1	5	-	1.76	1.76	.44	2.20	-	60	60	341	453,691	100	-
OHIO	1	-	-	11	11	11	2	14	.13	1.47	1.61	.27	1.87	803	46	849	828	1,494,023	144	-
OKLAHOMA	-	-	-	2	2	2	1	3	-	1.29	1.29	.65	1.94	-	50	50	160	309,766	37	-
OREGON	1	-	-	13	13	13	3	17	.18	2.35	2.53	.54	3.07	1,084	117	1,200	625	1,107,481	103	-
PENNSYLVANIA	-	-	1	17	18	18	4	22	-	4.20	4.20	.93	5.13	-	64	64	470	857,900	104	-
PUERTO RICO	-	-	-	5	5	5	2	7	-	2.18	2.18	.87	3.06	-	198	198	261	458,064	28	-
RHODE ISLAND	-	-	-	4	4	4	-	4	-	3.94	3.94	-	3.94	-	52	52	150	203,273	20	-
SOUTH CAROLINA	-	-	1	2	3	3	1	4	-	1.08	1.08	.36	1.45	-	78	78	272	553,625	34	-
SOUTH DAKOTA	-	-	-	5	5	5	6	11	-	1.34	1.34	1.61	2.95	-	115	115	456	744,574	125	-
TENNESSEE	-	-	-	5	5	5	1	6	-	2.24	2.24	.45	2.68	-	104	104	231	447,229	37	-
TEXAS	-	-	1	43	44	44	17	61	-	1.57	1.57	.60	2.17	-	60	60	2,452	5,622,078	257	-
UTAH	-	-	1	15	16	16	18	34	-	1.30	1.30	1.46	2.76	-	34	34	1,332	2,463,132	224	-
VERMONT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225	259,823	86	-
VIRGINIA	-	-	-	7	7	7	2	9	-	2.08	2.08	.60	2.68	-	168	168	315	671,612	41	-
WASHINGTON	-	-	1	20	21	21	14	35	-	1.84	1.84	1.23	3.07	-	83	83	1,292	2,280,564	207	-
WEST VIRGINIA	-	-	-	1	1	1	-	1	-	18.76	18.76	-	18.76	-	38	38	8	10,661	2	-
WISCONSIN	-	-	-	11	11	11	8	19	-	1.40	1.40	1.02	2.41	-	22	22	1,099	1,576,226	385	-
WYOMING	-	-	-	7	7	7	7	14	-	2.21	2.21	2.21	4.42	-	62	62	488	633,426	134	-
TOTAL OR AVERAGE	2	1	11	531	543	545	242	787	.01	1.92	1.92	.85	2.78	42	92	135	33,235	56,663,169	6,313	-

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (CONTINUED)

WORK LOCATION AND STATE	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			AVERAGE NUMBER OF WORKERS	EMPLOYEE-HOURS	NUMBER OF OPERATIONS	ASSOCIATED WORK LOCATION	
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL					
		PERMANENT		TEMPORARY																TOTAL NFDL
		TOTAL	PARTIAL																	
DREDGE:																				
ALABAMA-----	-	-	-	2	2	2	-	2	-	2.02	2.02	-	2.02	-	237	237	96	198,410	18	-
ALASKA-----	1	-	-	1	1	2	-	2	7.54	7.54	15.09	-	15.09	-	45,261	45,306	21	26,513	2	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,700	1	-
ARKANSAS-----	-	-	-	2	2	2	2	4	-	3.09	3.09	3.09	6.18	-	31	31	62	129,398	10	-
CALIFORNIA-----	-	-	-	4	4	4	1	5	-	4.71	4.71	1.18	5.89	-	45	45	86	169,855	5	-
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	87,721	6	-
DELAWARE-----	-	-	-	1	1	1	-	1	-	3.28	3.28	-	3.28	-	46	46	25	60,944	4	-
FLORIDA-----	-	-	1	7	8	8	1	9	-	1.76	1.76	.22	1.98	-	78	78	412	909,421	39	-
GEORGIA-----	-	-	-	3	3	3	3	6	-	1.94	1.94	1.94	3.87	-	35	35	153	309,912	31	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1,360	1	-
ILLINOIS-----	-	-	-	3	3	3	2	5	-	1.90	1.90	1.27	3.17	-	151	151	153	315,890	35	-
INDIANA-----	-	-	-	7	7	7	9	16	-	2.70	2.70	3.47	6.16	-	42	42	250	519,102	36	-
IOWA-----	-	-	-	-	-	-	1	1	-	-	-	.91	.91	-	-	-	118	219,094	30	-
KANSAS-----	-	-	-	1	1	1	-	1	-	.53	.53	-	.53	-	52	52	224	377,789	55	-
KENTUCKY-----	-	-	-	3	3	3	2	5	-	4.22	4.22	2.81	7.04	-	1,047	1,047	71	142,132	10	-
LOUISIANA-----	1	-	-	13	13	14	7	21	.18	2.38	2.56	1.28	3.84	1,098	53	1,152	530	1,092,582	85	-
MARYLAND-----	-	-	-	-	-	-	1	1	-	-	-	2.12	2.12	-	-	-	39	94,374	3	-
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	6,266	2	-
MICHIGAN-----	-	-	-	2	2	2	1	3	-	6.85	6.85	3.43	10.28	-	363	363	35	58,354	6	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	18,150	9	-
MISSISSIPPI-----	-	-	-	2	2	2	3	5	-	1.32	1.32	1.98	3.31	-	118	118	140	302,498	24	-
MISSOURI-----	-	-	-	4	4	4	9	13	-	1.98	1.98	4.46	6.44	-	221	221	206	403,547	34	-
NEBRASKA-----	1	-	-	3	3	4	4	8	.30	.89	1.19	1.19	2.38	1,788	20	1,808	401	671,061	122	-
NEW JERSEY-----	-	-	-	14	14	14	1	15	-	5.23	5.23	.37	5.61	-	122	122	254	534,915	22	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	112,167	9	-
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	1.47	1.47	-	1.47	-	4	4	67	136,294	14	-
OHIO-----	-	-	-	4	4	4	2	6	-	1.11	1.11	.55	1.66	-	8	8	342	721,891	42	-
OKLAHOMA-----	-	-	-	7	7	7	2	9	-	2.31	2.31	.66	2.98	-	162	162	295	604,910	53	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	38,140	2	-
PENNSYLVANIA-----	-	-	-	2	2	2	2	4	-	1.37	1.37	1.37	2.74	-	21	21	124	291,538	9	-
SOUTH CAROLINA-----	-	-	-	4	4	4	-	4	-	5.79	5.79	-	5.79	-	331	331	76	138,175	18	-
TENNESSEE-----	-	-	-	4	4	4	-	4	-	4.10	4.10	-	4.10	-	22	22	84	195,271	13	-
TEXAS-----	-	-	-	16	16	16	5	21	-	2.81	2.81	.88	3.69	-	21	21	466	1,139,226	40	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	60,954	9	-
WASHINGTON-----	-	-	-	3	3	3	2	5	-	13.69	13.69	9.12	22.81	-	160	160	25	43,838	5	-
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	14,264	1	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	14,413	6	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,380	1	-
TOTAL OR AVERAGE-----	3	-	1	113	114	117	60	177	.06	2.24	2.30	1.18	3.48	354	84	439	4,947	10,163,449	812	-

TABLE 4. - INJURY EXPERIENCE BY DEGREE AND WORKTIME FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (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	186,117	-	57		
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	30,864	4	24		
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	455	690,566	1	171		
ARIZONA-----	-	-	1	1	1	-	1	-	.29	.29	-	.29	-	1	1	75	114,019	-	45			
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	823	1,404,793	-	258		
CALIFORNIA-----	-	-	-	-	-	-	1	1	-	-	.14	.14	-	-	-	243	256,526	-	155			
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96	107,444	-	61			
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	24,083	-	8			
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95	173,575	1	40			
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	94,375	-	15			
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	12,179	-	23			
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69	64,576	-	48			
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	166	279,474	-	87			
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	170	304,319	-	119			
IOWA-----	-	-	-	-	-	-	1	1	-	-	1.09	1.09	-	-	-	182	183,254	6	112			
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	99,357	-	44			
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	76,058	-	13			
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152	178,460	2	100			
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	151	65,605	3	117			
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	101,529	2	23			
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115	131,146	-	77			
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	380	367,165	6	259			
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	371	149,109	14	295			
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	125,699	-	51			
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	117	145,337	2	61			
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	170	68,732	7	133			
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	67,416	2	65			
NEVADA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110	131,011	1	64			
NEW HAMPSHIRE-----	-	-	-	-	-	-	1	1	-	-	1.63	1.63	-	-	-	108	123,005	1	74			
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	172	317,960	-	48			
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	94	82,020	-	67			
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	316	424,114	-	192			
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	1.20	1.20	-	-	-	118	167,229	-	65			
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	8,054	1	33			
OHIO-----	-	-	-	-	-	-	1	1	-	-	.41	.41	-	-	-	299	489,650	3	150			
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92	146,268	-	63			
OREGON-----	-	-	1	1	1	-	1	-	1.67	1.67	-	1.67	-	2	2	122	120,054	-	57			
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125	193,981	-	77			
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	75,451	1	22			
RHODE ISLAND-----	-	-	2	2	2	-	2	-	5.30	5.30	-	5.30	-	342	342	24	36,950	-	14			
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88	133,494	-	45			
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	32,494	1	44			
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	146,534	1	38			
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	463	848,525	-	225			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95	118,026	-	69			
VERMONT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	37,164	-	34			
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	126,330	-	38			
WASHINGTON-----	-	-	-	-	-	-	1	1	-	-	.61	.61	-	-	-	264	328,899	3	147			
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6,483	-	1			
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	296	226,860	10	208			
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	31,488	2	57			
TOTAL OR AVERAGE-----	-	-	-	4	4	4	6	10	-	.08	.08	.12	.20	-	3	3	7,579	9,853,821	74	4,293		

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, 2007

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-----	-	-	-	5	5	5	3	8	-	-	-	78	78	78	-	16	16
ALASKA-----	-	-	-	2	2	2	2	4	-	-	-	19	19	19	-	10	10
ARIZONA-----	-	-	1	61	62	62	21	83	-	-	400	1,519	1,919	400	25	31	
ARKANSAS-----	-	-	1	7	7	7	2	9	-	-	50	80	130	50	13	19	
CALIFORNIA-----	-	-	-	99	99	99	38	137	-	-	-	3,597	3,597	3,597	-	36	36
COLORADO-----	-	-	-	34	34	34	5	39	-	-	-	1,456	1,456	1,456	-	43	43
CONNECTICUT-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
GEORGIA-----	-	-	1	4	5	5	3	8	-	-	60	113	173	60	28	35	
HAWAII-----	-	-	-	6	6	6	2	8	-	-	-	100	100	100	-	17	17
IDAHO-----	-	-	-	9	9	9	7	16	-	-	-	373	373	373	-	41	41
ILLINOIS-----	-	-	-	8	8	8	4	12	-	-	-	564	564	564	-	70	70
INDIANA-----	-	-	-	6	6	6	5	11	-	-	-	317	317	317	-	53	53
IOWA-----	-	-	-	5	5	5	3	8	-	-	-	93	93	93	-	19	19
KANSAS-----	-	-	-	1	1	1	2	3	-	-	-	17	17	17	-	17	17
KENTUCKY-----	-	1	-	1	1	1	3	4	-	6,000	-	-	6,000	6,000	-	-	6,000
LOUISIANA-----	-	-	-	4	4	4	-	4	-	-	-	149	149	149	-	37	37
MAINE-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
MARYLAND-----	-	-	-	4	4	4	3	7	-	-	-	116	116	116	-	29	29
MASSACHUSETTS-----	-	-	-	5	5	5	-	5	-	-	-	119	119	119	-	24	24
MICHIGAN-----	-	-	1	12	13	13	8	21	-	-	75	362	437	75	30	34	
MINNESOTA-----	-	-	1	12	13	13	11	24	-	-	75	391	466	75	33	36	
MISSISSIPPI-----	-	-	-	13	13	13	2	15	-	-	-	352	352	352	-	27	27
MISSOURI-----	-	-	-	1	1	1	1	2	-	-	-	61	61	61	-	61	61
MONTANA-----	-	-	1	8	9	9	3	12	-	-	120	217	337	120	27	37	
NEBRASKA-----	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12
NEVADA-----	-	-	-	15	15	15	5	20	-	-	-	626	626	626	-	42	42
NEW HAMPSHIRE-----	-	-	-	5	5	5	-	5	-	-	-	219	219	219	-	44	44
NEW JERSEY-----	-	-	-	3	3	3	1	4	-	-	-	6	6	6	-	2	2
NEW MEXICO-----	-	-	-	6	6	6	3	9	-	-	-	536	536	536	-	89	89
NEW YORK-----	-	-	-	20	20	20	10	30	-	-	-	874	874	874	-	44	44
NORTH CAROLINA-----	-	-	-	3	3	3	6	9	-	-	-	158	158	158	-	53	53
NORTH DAKOTA-----	-	-	-	4	4	4	1	5	-	-	-	136	136	136	-	34	34
OHIO-----	1	-	-	11	11	12	2	14	6,000	-	-	345	345	6,345	-	31	529
OKLAHOMA-----	-	-	-	2	2	2	1	3	-	-	-	78	78	78	-	39	39
OREGON-----	1	-	-	13	13	14	3	17	6,000	-	-	646	646	6,646	-	50	475
PENNSYLVANIA-----	-	-	1	17	18	18	4	22	-	-	60	216	276	60	13	15	
PUERTO RICO-----	-	-	-	5	5	5	2	7	-	-	-	454	454	454	-	91	91
RHODE ISLAND-----	-	-	-	4	4	4	-	4	-	-	-	53	53	53	-	13	13
SOUTH CAROLINA-----	-	-	1	2	3	3	1	4	-	-	75	142	217	75	71	72	
SOUTH DAKOTA-----	-	-	-	5	5	5	6	11	-	-	-	429	429	429	-	86	86
TENNESSEE-----	-	-	-	5	5	5	1	6	-	-	-	232	232	232	-	46	46
TEXAS-----	-	-	1	43	44	44	17	61	-	-	75	1,615	1,690	75	38	38	
UTAH-----	-	-	1	15	16	16	18	34	-	-	75	342	417	75	23	26	
VIRGINIA-----	-	-	-	7	7	7	2	9	-	-	-	565	565	565	-	81	81
WASHINGTON-----	-	-	1	20	21	21	14	35	-	-	75	866	941	75	43	45	
WEST VIRGINIA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
WISCONSIN-----	-	-	-	11	11	11	8	19	-	-	-	172	172	172	-	16	16
WYOMING-----	-	-	-	7	7	7	7	14	-	-	-	196	196	196	-	28	28
TOTAL OR AVERAGE-----	2	1	11	531	543	545	242	787	12,000	6,000	1,140	19,016	26,156	38,156	104	36	70

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, 2007 (CONTINUED)

WORK LOCATION AND STATE	NUMBER OF INJURIES							LOST WORKDAYS						AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
DREDGE:																	
ALABAMA-----	-	-	-	2	2	2	-	2	-	-	-	235	235	235	-	118	118
ALASKA-----	1	-	-	1	1	2	-	2	6,000	-	-	6	6	6,006	-	6	3,003
ARKANSAS-----	-	-	-	2	2	2	2	4	-	-	-	20	20	20	-	10	10
CALIFORNIA-----	-	-	-	4	4	4	1	5	-	-	-	38	38	38	-	10	10
DELAWARE-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
FLORIDA-----	-	-	1	7	8	8	1	9	-	-	75	281	356	356	75	40	44
GEORGIA-----	-	-	-	3	3	3	3	6	-	-	-	55	55	55	-	18	18
ILLINOIS-----	-	-	-	3	3	3	2	5	-	-	-	238	238	238	-	79	79
INDIANA-----	-	-	-	7	7	7	9	16	-	-	-	108	108	108	-	15	15
IOWA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KANSAS-----	-	-	-	1	1	1	-	1	-	-	-	98	98	98	-	98	98
KENTUCKY-----	-	-	-	3	3	3	2	5	-	-	-	744	744	744	-	248	248
LOUISIANA-----	1	-	-	13	13	14	7	21	6,000	-	-	291	291	6,291	-	22	449
MARYLAND-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MICHIGAN-----	-	-	-	2	2	2	1	3	-	-	-	106	106	106	-	53	53
MISSISSIPPI-----	-	-	-	2	2	2	3	5	-	-	-	179	179	179	-	90	90
MISSOURI-----	-	-	-	4	4	4	9	13	-	-	-	446	446	446	-	112	112
NEBRASKA-----	1	-	-	3	3	4	4	8	6,000	-	-	67	67	6,067	-	22	1,517
NEW JERSEY-----	-	-	-	14	14	14	1	15	-	-	-	327	327	327	-	23	23
NORTH CAROLINA-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
OHIO-----	-	-	-	4	4	4	2	6	-	-	-	28	28	28	-	7	7
OKLAHOMA-----	-	-	-	7	7	7	2	9	-	-	-	489	489	489	-	70	70
PENNSYLVANIA-----	-	-	-	2	2	2	2	4	-	-	-	31	31	31	-	16	16
SOUTH CAROLINA-----	-	-	-	4	4	4	-	4	-	-	-	229	229	229	-	57	57
TENNESSEE-----	-	-	-	4	4	4	-	4	-	-	-	21	21	21	-	5	5
TEXAS-----	-	-	-	16	16	16	5	21	-	-	-	120	120	120	-	8	8
WASHINGTON-----	-	-	-	3	3	3	2	5	-	-	-	35	35	35	-	12	12
TOTAL OR AVERAGE-----	3	-	1	113	114	117	60	177	18,000	-	75	4,209	4,284	22,284	75	37	190

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, 2007 (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-----	-	-	-	7	7	7	3	10	-	-	-	313	313	313	-	45	45
ALASKA-----	1	-	-	3	3	4	2	6	6,000	-	-	25	25	6,025	-	8	1,506
ARIZONA-----	-	-	1	61	62	62	21	83	-	-	400	1,519	1,919	400	25	31	31
ARKANSAS-----	-	-	1	8	9	9	4	13	-	-	50	100	150	50	12	17	17
CALIFORNIA-----	-	-	-	103	103	103	39	142	-	-	-	3,635	3,635	3,635	-	35	35
COLORADO-----	-	-	-	34	34	34	5	39	-	-	-	1,456	1,456	1,456	-	43	43
CONNECTICUT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DELAWARE-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
FLORIDA-----	-	-	1	7	8	8	1	9	-	-	75	281	356	75	40	44	44
GEORGIA-----	-	-	1	7	8	8	6	14	-	-	60	168	228	60	24	28	28
HAWAII-----	-	-	-	6	6	6	2	8	-	-	-	100	100	100	-	17	17
IDAHO-----	-	-	-	9	9	9	7	16	-	-	-	373	373	373	-	41	41
ILLINOIS-----	-	-	-	11	11	11	6	17	-	-	-	802	802	802	-	73	73
INDIANA-----	-	-	-	13	13	13	14	27	-	-	-	425	425	425	-	33	33
IOWA-----	-	-	-	5	5	5	4	9	-	-	-	93	93	93	-	19	19
KANSAS-----	-	-	-	2	2	2	2	4	-	-	-	115	115	115	-	58	58
KENTUCKY-----	-	1	-	3	4	4	5	9	-	6,000	-	744	6,744	6,744	-	248	1,686
LOUISIANA-----	1	-	-	17	17	18	7	25	6,000	-	-	440	440	6,440	-	26	358
MAINE-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
MARYLAND-----	-	-	-	4	4	4	4	8	-	-	-	116	116	116	-	29	29
MASSACHUSETTS-----	-	-	-	5	5	5	5	5	-	-	-	119	119	119	-	24	24
MICHIGAN-----	-	-	1	14	15	15	9	24	-	-	75	468	543	75	33	36	36
MINNESOTA-----	-	-	1	12	13	13	11	24	-	-	75	391	466	75	33	36	36
MISSISSIPPI-----	-	-	-	15	15	15	5	20	-	-	-	531	531	531	-	35	35
MISSOURI-----	-	-	-	5	5	5	10	15	-	-	-	507	507	507	-	101	101
MONTANA-----	-	-	1	8	9	9	3	12	-	-	120	217	337	120	27	37	37
NEBRASKA-----	1	-	-	4	4	5	4	9	6,000	-	-	79	79	6,079	-	20	1,216
NEVADA-----	-	-	-	15	15	15	5	20	-	-	-	626	626	626	-	42	42
NEW HAMPSHIRE-----	-	-	-	5	5	5	-	5	-	-	-	219	219	219	-	44	44
NEW JERSEY-----	-	-	-	17	17	17	2	19	-	-	-	333	333	333	-	20	20
NEW MEXICO-----	-	-	-	6	6	6	3	9	-	-	-	536	536	536	-	89	89
NEW YORK-----	-	-	-	20	20	20	10	30	-	-	-	874	874	874	-	44	44
NORTH CAROLINA-----	-	-	-	4	4	4	6	10	-	-	-	161	161	161	-	40	40
NORTH DAKOTA-----	-	-	-	4	4	4	1	5	-	-	-	136	136	136	-	34	34
OHIO-----	1	-	-	15	15	16	4	20	6,000	-	-	373	373	6,373	-	25	398
OKLAHOMA-----	-	-	-	9	9	9	3	12	-	-	-	567	567	567	-	63	63
OREGON-----	1	-	-	13	13	14	3	17	6,000	-	-	646	646	6,646	-	50	475
PENNSYLVANIA-----	-	-	1	19	20	20	6	26	-	-	60	247	307	60	13	15	15
PUERTO RICO-----	-	-	-	5	5	5	2	7	-	-	-	454	454	454	-	91	91
RHODE ISLAND-----	-	-	-	4	4	4	-	4	-	-	-	53	53	53	-	13	13
SOUTH CAROLINA-----	-	-	1	6	7	7	1	8	-	-	75	371	446	75	62	64	64
SOUTH DAKOTA-----	-	-	-	5	5	5	6	11	-	-	-	429	429	429	-	86	86
TENNESSEE-----	-	-	-	9	9	9	1	10	-	-	-	253	253	253	-	28	28
TEXAS-----	-	-	1	59	60	60	22	82	-	-	75	1,735	1,810	75	29	30	30
UTAH-----	-	-	1	15	16	16	18	34	-	-	75	342	417	75	23	26	26
VIRGINIA-----	-	-	-	7	7	7	2	9	-	-	-	565	565	565	-	81	81
WASHINGTON-----	-	-	1	23	24	24	16	40	-	-	75	901	976	75	39	41	41
WEST VIRGINIA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
WISCONSIN-----	-	-	-	11	11	11	8	19	-	-	-	172	172	172	-	16	16
WYOMING-----	-	-	-	7	7	7	7	14	-	-	-	196	196	196	-	28	28
TOTAL OR AVERAGE-----	5	1	12	644	657	662	302	964	30,000	6,000	1,215	23,225	30,440	60,440	101	36	91

TABLE 5. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (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	1	-	1	-	-	-	5	5	5	-	5	5
CALIFORNIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
PUERTO RICO-----	-	-	-	2	2	2	-	2	-	-	-	129	129	129	-	64	64
WASHINGTON-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	4	4	4	6	10	-	-	-	135	135	135	-	34	34

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, 2007 (CONTINUED)

WORK LOCATION AND STATE	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
GRAND TOTAL OR AVERAGE:																	
ALABAMA-----	-	-	-	7	7	7	3	10	-	-	-	313	313	313	-	45	45
ALASKA-----	1	-	-	3	3	4	2	6	6,000	-	-	25	25	6,025	-	8	1,506
ARIZONA-----	-	-	1	62	63	63	21	84	-	-	400	1,524	1,924	1,924	400	25	31
ARKANSAS-----	-	-	1	8	9	9	4	13	-	-	50	100	150	150	50	12	17
CALIFORNIA-----	-	-	-	103	103	103	40	143	-	-	-	3,635	3,635	3,635	-	35	35
COLORADO-----	-	-	-	34	34	34	5	39	-	-	-	1,456	1,456	1,456	-	43	43
CONNECTICUT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DELAWARE-----	-	-	-	1	1	1	-	1	-	-	-	14	14	14	-	14	14
FLORIDA-----	-	-	1	7	8	8	1	9	-	-	75	281	356	356	75	40	44
GEORGIA-----	-	-	1	7	8	8	6	14	-	-	60	168	228	228	60	24	28
HAWAII-----	-	-	-	6	6	6	2	8	-	-	-	100	100	100	-	17	17
IDAHO-----	-	-	-	9	9	9	7	16	-	-	-	373	373	373	-	41	41
ILLINOIS-----	-	-	-	11	11	11	6	17	-	-	-	802	802	802	-	73	73
INDIANA-----	-	-	-	13	13	13	14	27	-	-	-	425	425	425	-	33	33
IOWA-----	-	-	-	5	5	5	5	10	-	-	-	93	93	93	-	19	19
KANSAS-----	-	-	-	2	2	2	2	4	-	-	-	115	115	115	-	58	58
KENTUCKY-----	-	1	-	3	4	4	5	9	-	6,000	-	744	6,744	6,744	-	248	1,686
LOUISIANA-----	1	-	-	17	17	18	7	25	6,000	-	-	440	440	6,440	-	26	358
MAINE-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
MARYLAND-----	-	-	-	4	4	4	4	8	-	-	-	116	116	116	-	29	29
MASSACHUSETTS-----	-	-	-	5	5	5	-	5	-	-	-	119	119	119	-	24	24
MICHIGAN-----	-	-	1	14	15	15	9	24	-	-	75	468	543	543	75	33	36
MINNESOTA-----	-	-	1	12	13	13	11	24	-	-	75	391	466	466	75	33	36
MISSISSIPPI-----	-	-	-	15	15	15	5	20	-	-	-	531	531	531	-	35	35
MISSOURI-----	-	-	-	5	5	5	10	15	-	-	-	507	507	507	-	101	101
MONTANA-----	-	-	1	8	9	9	3	12	-	-	120	217	337	337	120	27	37
NEBRASKA-----	1	-	-	4	4	5	4	9	6,000	-	-	79	79	6,079	-	20	1,216
NEVADA-----	-	-	-	15	15	15	5	20	-	-	-	626	626	626	-	42	42
NEW HAMPSHIRE-----	-	-	-	5	5	5	1	6	-	-	-	219	219	219	-	44	44
NEW JERSEY-----	-	-	-	17	17	17	2	19	-	-	-	333	333	333	-	20	20
NEW MEXICO-----	-	-	-	6	6	6	3	9	-	-	-	536	536	536	-	89	89
NEW YORK-----	-	-	-	20	20	20	10	30	-	-	-	874	874	874	-	44	44
NORTH CAROLINA-----	-	-	-	4	4	4	7	11	-	-	-	161	161	161	-	40	40
NORTH DAKOTA-----	-	-	-	4	4	4	1	5	-	-	-	136	136	136	-	34	34
OHIO-----	1	-	-	15	15	16	5	21	6,000	-	-	373	373	6,373	-	25	398
OKLAHOMA-----	-	-	-	9	9	9	3	12	-	-	-	567	567	567	-	63	63
OREGON-----	1	-	-	14	14	15	3	18	6,000	-	-	647	647	6,647	-	46	443
PENNSYLVANIA-----	-	-	1	19	20	20	6	26	-	-	60	247	307	60,307	60	13	15
PUERTO RICO-----	-	-	-	7	7	7	2	9	-	-	-	583	583	583	-	83	83
RHODE ISLAND-----	-	-	-	4	4	4	-	4	-	-	-	53	53	53	-	13	13
SOUTH CAROLINA-----	-	-	1	6	7	7	1	8	-	-	75	371	446	446	75	62	64
SOUTH DAKOTA-----	-	-	-	5	5	5	6	11	-	-	-	429	429	429	-	86	86
TENNESSEE-----	-	-	-	9	9	9	1	10	-	-	-	253	253	253	-	28	28
TEXAS-----	-	-	1	59	60	60	22	82	-	-	75	1,735	1,810	1,810	75	29	30
UTAH-----	-	-	1	15	16	16	18	34	-	-	75	342	417	417	75	23	26
VIRGINIA-----	-	-	-	7	7	7	2	9	-	-	-	565	565	565	-	81	81
WASHINGTON-----	-	-	1	23	24	24	17	41	-	-	75	901	976	976	75	39	41
WEST VIRGINIA-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
WISCONSIN-----	-	-	-	11	11	11	8	19	-	-	-	172	172	172	-	16	16
WYOMING-----	-	-	-	7	7	7	7	14	-	-	-	196	196	196	-	28	28
TOTAL OR AVERAGE-----	5	1	12	648	661	666	308	974	30,000	6,000	1,215	23,360	30,575	60,575	101	36	91

TABLE 6. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND PART OF BODY INJURED AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007

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-----	-	-	-	-	-	-	2	2	-	-	-	.01	.01	-	-	-
EYE-----	-	-	-	19	19	19	33	52	-	.07	.07	.12	.18	-	(*)	(*)
JAW-----	-	-	-	-	-	-	3	3	-	-	-	.01	.01	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	3	3	-	-	-	.01	.01	-	-	-
NOSE-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	(*)	-	(*)	(*)
SCALP-----	-	-	-	-	-	-	2	2	-	-	-	.01	.01	-	-	-
FACE, NEC-----	-	-	-	6	6	6	3	9	-	.02	.02	.01	.03	-	(*)	(*)
HEAD, NEC-----	-	-	-	8	8	8	17	25	-	.03	.03	.06	.09	-	1	1
NECK-----	-	-	-	11	11	11	3	14	-	.04	.04	.01	.05	-	1	1
UPPER ARM-----	-	-	-	5	5	5	1	6	-	.02	.02	(*)	.02	-	(*)	(*)
ELBOW-----	-	-	-	7	7	7	5	12	-	.02	.02	.02	.04	-	2	2
FOREARM-----	-	-	-	9	9	9	2	11	-	.03	.03	.01	.04	-	1	1
WRIST-----	-	-	-	9	9	9	8	17	-	.03	.03	.03	.06	-	1	1
HAND-----	-	-	-	21	21	21	19	40	-	.07	.07	.07	.14	-	2	2
FINGER(S)-----	-	-	-	11	76	87	64	151	-	.31	.31	.23	.53	-	8	8
UPPER EXTREMITIES, NEC--	-	-	-	5	5	5	4	9	-	.02	.02	.01	.03	-	2	2
ABDOMEN-----	-	-	-	6	6	6	4	10	-	.02	.02	.01	.04	-	1	1
BACK-----	-	1	-	99	100	100	15	115	-	.35	.35	.05	.41	-	34	34
CHEST-----	-	-	-	24	24	24	2	26	-	.08	.08	.01	.09	-	4	4
PELVIC REGION-----	-	-	-	18	18	18	1	19	-	.06	.06	(*)	.07	-	2	2
SHOULDER(S)-----	-	-	-	31	31	31	9	40	-	.11	.11	.03	.14	-	8	8
TRUNK, NEC-----	-	-	-	7	7	7	-	7	-	.02	.02	-	.02	-	1	1
THIGH-----	-	-	-	6	6	6	4	10	-	.02	.02	.01	.04	-	1	1
KNEE-----	-	-	-	47	47	47	6	53	-	.17	.17	.02	.19	-	7	7
LOWER LEG-----	-	-	-	10	10	10	3	13	-	.04	.04	.01	.05	-	1	1
ANKLE-----	-	-	-	24	24	24	2	26	-	.08	.08	.01	.09	-	2	2
FOOT-----	-	-	-	19	19	19	4	23	-	.07	.07	.01	.08	-	4	4
TOE(S)-----	-	-	-	5	5	5	2	7	-	.02	.02	.01	.02	-	(*)	(*)
LOWER EXTREMITIES, NEC--	-	-	-	19	19	19	4	23	-	.07	.07	.01	.08	-	2	2
BODY SYSTEMS-----	1	-	-	3	3	4	9	13	(*)	.01	.01	.03	.05	21	(*)	21
MULTIPLE PARTS OF BODY--	1	-	-	36	36	37	7	44	(*)	.13	.13	.02	.16	21	6	28
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
TOTAL OR AVERAGE-----	2	1	11	531	543	545	242	787	.01	1.92	1.92	.85	2.78	42	92	135

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, 2007 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
DREDGE:																
EYE-----	-	-	-	4	4	4	8	12	-	.08	.08	.16	.24	-	(*)	(*)
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	3	3	-	-	-	.06	.06	-	-	-
SCALP-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
HEAD, NEC-----	-	-	-	1	1	1	1	2	-	.02	.02	.02	.04	-	(*)	(*)
NECK-----	-	-	-	2	2	2	-	2	-	.04	.04	-	.04	-	(*)	(*)
ELBOW-----	-	-	-	3	3	3	1	4	-	.06	.06	.02	.08	-	2	2
FOREARM-----	-	-	-	1	1	1	3	4	-	.02	.02	.06	.08	-	(*)	(*)
WRIST-----	-	-	-	2	2	2	1	3	-	.04	.04	.02	.06	-	(*)	(*)
HAND-----	-	-	-	6	6	6	4	10	-	.12	.12	.08	.20	-	1	1
FINGER(S)-----	-	-	1	17	18	18	23	41	-	.35	.35	.45	.81	-	9	9
BACK-----	-	-	-	24	24	24	2	26	-	.47	.47	.04	.51	-	26	26
CHEST-----	1	-	-	7	7	7	-	8	.02	.14	.16	-	.16	118	2	120
PELVIC REGION-----	-	-	-	3	3	3	1	4	-	.06	.06	.02	.08	-	(*)	(*)
SHOULDER(S)-----	-	-	-	8	8	8	3	11	-	.16	.16	.06	.22	-	11	11
TRUNK, NEC-----	-	-	-	1	1	1	2	3	-	.02	.02	.04	.06	-	(*)	(*)
THIGH-----	-	-	-	3	3	3	-	3	-	.06	.06	-	.06	-	3	3
KNEE-----	-	-	-	11	11	11	1	12	-	.22	.22	.02	.24	-	13	13
ANKLE-----	-	-	-	10	10	10	1	11	-	.20	.20	.02	.22	-	11	11
FOOT-----	-	-	-	1	1	1	1	2	-	.02	.02	.02	.04	-	(*)	(*)
TOE(S)-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	1	1
LOWER EXTREMITIES, NEC--	-	-	-	2	2	2	-	2	-	.04	.04	-	.04	-	(*)	(*)
BODY SYSTEMS-----	2	-	-	-	-	2	3	5	.04	-	.04	.06	.10	236	-	236
MULTIPLE PARTS OF BODY--	-	-	-	6	6	6	-	6	-	.12	.12	-	.12	-	3	3
TOTAL OR AVERAGE-----	3	-	1	113	114	117	60	177	.06	2.24	2.30	1.18	3.48	354	84	439

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, 2007 (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-----	-	-	-	-	-	-	2	2	-	-	-	.01	.01	-	-	-
EYE-----	-	-	-	23	23	23	41	64	-	.07	.07	.12	.19	-	(*)	(*)
JAW-----	-	-	-	-	-	-	3	3	-	-	-	.01	.01	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	6	6	-	-	-	.02	.02	-	-	-
NOSE-----	-	-	-	1	1	1	-	-	-	(*)	(*)	-	-	-	(*)	(*)
SCALP-----	-	-	-	-	-	-	3	3	-	-	-	.01	.01	-	-	-
FACE, NEC-----	-	-	-	6	6	6	4	10	-	.02	.02	.01	.03	-	(*)	(*)
HEAD, NEC-----	-	-	-	9	9	9	18	27	-	.03	.03	.05	.08	-	1	1
NECK-----	-	-	-	13	13	13	3	16	-	.04	.04	.01	.05	-	1	1
UPPER ARM-----	-	-	-	5	5	5	1	6	-	.01	.01	(*)	.02	-	(*)	(*)
ELBOW-----	-	-	-	10	10	10	6	16	-	.03	.03	.02	.05	-	2	2
FOREARM-----	-	-	-	10	10	10	5	15	-	.03	.03	.01	.04	-	1	1
WRIST-----	-	-	-	11	11	11	9	20	-	.03	.03	.03	.06	-	1	1
HAND-----	-	-	-	27	27	27	23	50	-	.08	.08	.07	.15	-	1	1
FINGER(S)-----	-	-	-	93	105	105	87	192	-	.31	.31	.26	.57	-	9	9
UPPER EXTREMITIES, NEC-----	-	-	12	5	5	5	4	9	-	.01	.01	.01	.03	-	1	1
ABDOMEN-----	-	-	-	6	6	6	4	10	-	.02	.02	.01	.03	-	1	1
BACK-----	-	1	-	123	124	124	17	141	-	.37	.37	.05	.42	-	32	32
CHEST-----	1	-	-	31	31	31	2	34	(*)	.09	.10	.01	.10	18	4	22
PELVIC REGION-----	-	-	-	21	21	21	2	23	-	.06	.06	.01	.07	-	2	2
SHOULDER(S)-----	-	-	-	39	39	39	12	51	-	.12	.12	.04	.15	-	9	9
TRUNK, NEC-----	-	-	-	8	8	8	2	10	-	.02	.02	.01	.03	-	1	1
THIGH-----	-	-	-	9	9	9	4	13	-	.03	.03	.01	.04	-	1	1
KNEE-----	-	-	-	58	58	58	7	65	-	.17	.17	.02	.19	-	8	8
LOWER LEG-----	-	-	-	10	10	10	3	13	-	.03	.03	.01	.04	-	1	1
ANKLE-----	-	-	-	34	34	34	3	37	-	.10	.10	.01	.11	-	4	4
FOOT-----	-	-	-	20	20	20	5	25	-	.06	.06	.01	.07	-	3	3
TOE(S)-----	-	-	-	6	6	6	2	8	-	.02	.02	.01	.02	-	(*)	(*)
LOWER EXTREMITIES, NEC-----	-	-	-	21	21	21	4	25	-	.06	.06	.01	.07	-	2	2
BODY SYSTEMS-----	3	-	-	3	3	6	12	18	.01	.01	.02	.04	.05	54	(*)	54
MULTIPLE PARTS OF BODY-----	1	-	-	42	42	43	7	50	(*)	.13	.13	.02	.15	18	6	24
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
TOTAL OR AVERAGE-----	5	1	12	644	657	662	302	964	.01	1.97	1.98	.90	2.89	90	91	181
OFFICE:																
EYE-----	-	-	-	1	1	1	1	2	-	.02	.02	.02	.04	-	(*)	(*)
HEAD, NEC-----	-	-	-	-	-	-	3	3	-	-	-	.06	.06	-	-	-
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	.02	.02	.02	.02	-	1	1
BACK-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	(*)	(*)
BODY SYSTEMS-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	1	1
TOTAL OR AVERAGE-----	-	-	-	4	4	4	6	10	-	.08	.08	.12	.20	-	3	3

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, 2007 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								INCIDENCE RATES					SEVERITY MEASURES		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
GRAND TOTAL OR AVERAGE:																
EAR-----	-	-	-	-	-	2	2	-	-	-	.01	.01	-	-	-	
EYE-----	-	-	-	24	24	24	42	66	-	.06	.06	.11	.17	-	(*)	(*)
JAW-----	-	-	-	-	-	-	3	3	-	-	-	.01	.01	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	6	6	-	-	-	.02	.02	-	-	-
NOSE-----	-	-	-	1	1	1	-	1	-	(*)	(*)	-	-	-	(*)	(*)
SCALP-----	-	-	-	-	-	-	3	3	-	-	-	.01	.01	-	-	-
FACE, NEC-----	-	-	-	6	6	6	4	10	-	.02	.02	.01	.03	-	(*)	(*)
HEAD, NEC-----	-	-	-	9	9	9	21	30	-	.02	.02	.05	.08	-	1	1
NECK-----	-	-	-	13	13	13	3	16	-	.03	.03	.01	.04	-	1	1
UPPER ARM-----	-	-	-	5	5	5	1	6	-	.01	.01	(*)	.02	-	(*)	(*)
ELBOW-----	-	-	-	10	10	10	6	16	-	.03	.03	.02	.04	-	2	2
FOREARM-----	-	-	-	10	10	10	5	15	-	.03	.03	.01	.04	-	(*)	(*)
WRIST-----	-	-	-	11	11	11	9	20	-	.03	.03	.02	.05	-	1	1
HAND-----	-	-	-	27	27	27	23	50	-	.07	.07	.06	.13	-	1	1
FINGER(S)-----	-	-	12	93	105	105	87	192	-	.27	.27	.23	.50	-	8	8
UPPER EXTREMITIES, NEC-----	-	-	-	6	6	6	4	10	-	.02	.02	.01	.03	-	1	1
ABDOMEN-----	-	-	-	6	6	6	4	10	-	.02	.02	.01	.03	-	1	1
BACK-----	-	1	-	123	124	124	18	142	-	.32	.32	.05	.37	-	28	28
CHEST-----	1	-	-	31	31	32	2	34	(*)	.08	.08	.01	.09	16	3	19
PELVIC REGION-----	-	-	-	21	21	21	2	23	-	.05	.05	.01	.06	-	2	2
SHOULDER(S)-----	-	-	-	39	39	39	12	51	-	.10	.10	.03	.13	-	8	8
TRUNK, NEC-----	-	-	-	8	8	8	2	10	-	.02	.02	.01	.03	-	1	1
THIGH-----	-	-	-	9	9	9	4	13	-	.02	.02	.01	.03	-	1	1
KNEE-----	-	-	-	58	58	58	7	65	-	.15	.15	.02	.17	-	7	7
LOWER LEG-----	-	-	-	10	10	10	3	13	-	.03	.03	.01	.03	-	(*)	(*)
ANKLE-----	-	-	-	34	34	34	3	37	-	.09	.09	.01	.10	-	3	3
FOOT-----	-	-	-	20	20	20	5	25	-	.05	.05	.01	.07	-	3	3
TOE(S)-----	-	-	-	6	6	6	2	8	-	.02	.02	.01	.02	-	(*)	(*)
LOWER EXTREMITIES, NEC-----	-	-	-	22	22	22	4	26	-	.06	.06	.01	.07	-	2	2
BODY SYSTEMS-----	3	-	-	3	3	6	13	19	.01	.01	.02	.03	.05	47	(*)	47
MULTIPLE PARTS OF BODY-----	1	-	-	43	43	44	7	51	(*)	.11	.11	.02	.13	16	5	21
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	(*)	(*)	-	-	-
TOTAL OR AVERAGE-----	5	1	12	648	661	666	308	974	.01	1.72	1.74	.80	2.54	78	80	158

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, 2007

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
EAR-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	
EYE-----	-	-	-	19	19	19	33	52	-	-	-	125	125	125	-	7	7
JAW-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
NOSE-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
SCALP-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	6	6	6	3	9	-	-	-	49	49	49	-	8	8
HEAD, NEC-----	-	-	-	8	8	8	17	25	-	-	-	371	371	371	-	46	46
NECK-----	-	-	-	11	11	11	3	14	-	-	-	302	302	302	-	27	27
UPPER ARM-----	-	-	-	5	5	5	1	6	-	-	-	115	115	115	-	23	23
ELBOW-----	-	-	-	7	7	7	5	12	-	-	-	687	687	687	-	98	98
FOREARM-----	-	-	-	9	9	9	2	11	-	-	-	164	164	164	-	18	18
WRIST-----	-	-	-	9	9	9	8	17	-	-	-	390	390	390	-	43	43
HAND-----	-	-	-	21	21	21	19	40	-	-	-	429	429	429	-	20	20
FINGER(S)-----	-	-	11	76	87	87	64	151	-	-	1,140	1,268	2,408	2,408	104	17	28
UPPER EXTREMITIES, NEC-----	-	-	-	5	5	5	4	9	-	-	-	480	480	480	-	96	96
ABDOMEN-----	-	-	-	6	6	6	4	10	-	-	-	193	193	193	-	32	32
BACK-----	1	-	-	99	100	100	15	115	-	6,000	-	3,499	9,499	9,499	-	35	95
CHEST-----	-	-	-	24	24	24	2	26	-	-	-	1,073	1,073	1,073	-	45	45
PELVIC REGION-----	-	-	-	18	18	18	1	19	-	-	-	573	573	573	-	32	32
SHOULDER(S)-----	-	-	-	31	31	31	9	40	-	-	-	2,366	2,366	2,366	-	76	76
TRUNK, NEC-----	-	-	-	7	7	7	7	7	-	-	-	300	300	300	-	43	43
THIGH-----	-	-	-	6	6	6	4	10	-	-	-	247	247	247	-	41	41
KNEE-----	-	-	-	47	47	47	6	53	-	-	-	1,967	1,967	1,967	-	42	42
LOWER LEG-----	-	-	-	10	10	10	3	13	-	-	-	189	189	189	-	19	19
ANKLE-----	-	-	-	24	24	24	2	26	-	-	-	656	656	656	-	27	27
FOOT-----	-	-	-	19	19	19	4	23	-	-	-	1,005	1,005	1,005	-	53	53
TOE(S)-----	-	-	-	5	5	5	2	7	-	-	-	60	60	60	-	12	12
LOWER EXTREMITIES, NEC-----	-	-	-	19	19	19	4	23	-	-	-	653	653	653	-	34	34
BODY SYSTEMS-----	1	-	-	3	3	3	4	13	6,000	-	-	11	11	6,011	-	4	1,503
MULTIPLE PARTS OF BODY-----	1	-	-	36	36	37	7	44	6,000	-	-	1,827	1,827	7,827	-	51	212
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	2	1	11	531	543	545	242	787	12,000	6,000	1,140	19,016	26,156	38,156	104	36	70

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, 2007 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
DREDGE:																	
EYE-----	-	-	-	4	4	4	8	12	-	-	-	4	4	4	-	1	1
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
SCALP-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HEAD, NEC-----	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	7	7
NECK-----	-	-	-	2	2	2	-	2	-	-	-	18	18	18	-	9	9
ELBOW-----	-	-	-	3	3	3	1	4	-	-	-	88	88	88	-	29	29
FOREARM-----	-	-	-	1	1	1	3	4	-	-	-	14	14	14	-	14	14
WRIST-----	-	-	-	2	2	2	1	3	-	-	-	24	24	24	-	12	12
HAND-----	-	-	-	6	6	6	4	10	-	-	-	60	60	60	-	10	10
FINGER(S)-----	-	-	1	17	18	18	23	41	-	-	75	397	472	472	75	23	26
BACK-----	-	-	-	24	24	24	2	26	-	-	-	1,309	1,309	1,309	-	55	55
CHEST-----	1	-	-	7	7	8	-	8	6,000	-	-	112	112	6,112	-	16	764
PELVIC REGION-----	-	-	-	3	3	3	1	4	-	-	-	20	20	20	-	7	7
SHOULDER(S)-----	-	-	-	8	8	8	3	11	-	-	-	544	544	544	-	68	68
TRUNK, NEC-----	-	-	-	1	1	1	2	3	-	-	-	9	9	9	-	9	9
THIGH-----	-	-	-	3	3	3	-	3	-	-	-	173	173	173	-	58	58
KNEE-----	-	-	-	11	11	11	1	12	-	-	-	648	648	648	-	59	59
ANKLE-----	-	-	-	10	10	10	1	11	-	-	-	564	564	564	-	56	56
FOOT-----	-	-	-	1	1	1	1	2	-	-	-	4	4	4	-	4	4
TOE(S)-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	30
LOWER EXTREMITIES, NEC-----	-	-	-	2	2	2	-	2	-	-	-	17	17	17	-	8	8
BODY SYSTEMS-----	2	-	-	-	-	2	3	5	12,000	-	-	-	-	12,000	-	-	6,000
MULTIPLE PARTS OF BODY-----	-	-	-	6	6	6	-	6	-	-	-	167	167	167	-	28	28
TOTAL OR AVERAGE-----	3	-	1	113	114	117	60	177	18,000	-	75	4,209	4,284	22,284	75	37	190

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, 2007 (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-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
EYE-----	-	-	-	23	23	23	41	64	-	-	-	129	129	129	-	6	6
JAW-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-
NOSE-----	-	-	-	1	1	1	1	1	-	-	-	17	17	17	-	17	17
SCALP-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	6	6	6	4	10	-	-	-	49	49	49	-	8	8
HEAD, NEC-----	-	-	-	9	9	9	18	27	-	-	-	378	378	378	-	42	42
NECK-----	-	-	-	13	13	13	3	16	-	-	-	320	320	320	-	25	25
UPPER ARM-----	-	-	-	5	5	5	1	6	-	-	-	115	115	115	-	23	23
ELBOW-----	-	-	-	10	10	10	6	16	-	-	-	775	775	775	-	78	78
FOREARM-----	-	-	-	10	10	10	5	15	-	-	-	178	178	178	-	18	18
WRIST-----	-	-	-	11	11	11	9	20	-	-	-	414	414	414	-	38	38
HAND-----	-	-	-	27	27	27	23	50	-	-	-	489	489	489	-	18	18
FINGER(S)-----	-	-	12	93	105	105	87	192	-	-	1,215	1,665	2,880	2,880	101	18	27
UPPER EXTREMITIES, NEC-----	-	-	-	5	5	5	4	9	-	-	-	480	480	480	-	96	96
ABDOMEN-----	-	-	-	6	6	6	4	10	-	-	-	193	193	193	-	32	32
BACK-----	1	1	-	123	124	124	17	141	-	6,000	-	4,808	10,808	10,808	-	39	87
CHEST-----	-	-	-	31	31	31	2	34	6,000	-	-	1,185	1,185	7,185	-	38	225
PELVIC REGION-----	-	-	-	21	21	21	2	23	-	-	-	593	593	593	-	28	28
SHOULDER(S)-----	-	-	-	39	39	39	12	51	-	-	-	2,910	2,910	2,910	-	75	75
TRUNK, NEC-----	-	-	-	8	8	8	2	10	-	-	-	309	309	309	-	39	39
THIGH-----	-	-	-	9	9	9	4	13	-	-	-	420	420	420	-	47	47
KNEE-----	-	-	-	58	58	58	7	65	-	-	-	2,615	2,615	2,615	-	45	45
LOWER LEG-----	-	-	-	10	10	10	3	13	-	-	-	189	189	189	-	19	19
ANKLE-----	-	-	-	34	34	34	3	37	-	-	-	1,220	1,220	1,220	-	36	36
FOOT-----	-	-	-	20	20	20	5	25	-	-	-	1,009	1,009	1,009	-	50	50
TOE(S)-----	-	-	-	6	6	6	2	8	-	-	-	90	90	90	-	15	15
LOWER EXTREMITIES, NEC-----	-	-	-	21	21	21	4	25	-	-	-	670	670	670	-	32	32
BODY SYSTEMS-----	3	-	-	3	3	6	12	18	18,000	-	-	11	11	18,011	-	4	3,002
MULTIPLE PARTS OF BODY-----	1	-	-	42	42	43	7	50	6,000	-	-	1,994	1,994	7,994	-	47	186
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	5	1	12	644	657	662	302	964	30,000	6,000	1,215	23,225	30,440	60,440	101	36	91
OFFICE:																	
EYE-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
HEAD, NEC-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	63	63	63	-	63	63
BACK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
LOWER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
BODY SYSTEMS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	66	66	66	-	66	66
TOTAL OR AVERAGE-----	-	-	-	4	4	4	6	10	-	-	-	135	135	135	-	34	34

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, 2007 (CONTINUED)

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT		TEMPORARY					TOTAL NFDL	
		TOTAL	PARTIAL						TOTAL	PARTIAL							
GRAND TOTAL OR AVERAGE:																	
EAR-----	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-
EYE-----	-	-	-	24	24	42	66	-	-	-	130	130	130	-	5	5	-
JAW-----	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-	-
NOSE-----	-	-	-	1	1	1	1	-	-	-	17	17	17	-	17	17	-
SCALP-----	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	6	6	6	4	-	-	-	49	49	49	-	8	8	-
HEAD, NEC-----	-	-	-	9	9	21	30	-	-	-	378	378	378	-	42	42	-
NECK-----	-	-	-	13	13	13	16	-	-	-	320	320	320	-	25	25	-
UPPER ARM-----	-	-	-	5	5	5	6	-	-	-	115	115	115	-	23	23	-
ELBOW-----	-	-	-	10	10	10	16	-	-	-	775	775	775	-	78	78	-
FOREARM-----	-	-	-	10	10	10	15	-	-	-	178	178	178	-	18	18	-
WRIST-----	-	-	-	11	11	11	20	-	-	-	414	414	414	-	38	38	-
HAND-----	-	-	-	27	27	23	50	-	-	-	489	489	489	-	18	18	-
FINGER(S)-----	-	-	12	93	105	87	192	-	-	1,215	1,665	2,880	2,880	101	18	27	-
UPPER EXTREMITIES, NEC-----	-	-	-	6	6	6	4	-	-	-	543	543	543	-	90	90	-
ABDOMEN-----	-	-	-	6	6	6	4	-	-	-	193	193	193	-	32	32	-
BACK-----	-	1	-	123	124	18	142	-	6,000	6,000	4,808	10,808	10,808	-	39	87	-
CHEST-----	1	-	-	31	31	2	34	6,000	-	-	1,185	1,185	7,185	-	38	225	-
PELVIC REGION-----	-	-	-	21	21	2	23	-	-	-	593	593	593	-	28	28	-
SHOULDER(S)-----	-	-	-	39	39	12	51	-	-	-	2,910	2,910	2,910	-	75	75	-
TRUNK, NEC-----	-	-	-	8	8	2	10	-	-	-	309	309	309	-	39	39	-
THIGH-----	-	-	-	9	9	4	13	-	-	-	420	420	420	-	47	47	-
KNEE-----	-	-	-	58	58	7	65	-	-	-	2,615	2,615	2,615	-	45	45	-
LOWER LEG-----	-	-	-	10	10	3	13	-	-	-	189	189	189	-	19	19	-
ANKLE-----	-	-	-	34	34	3	37	-	-	-	1,220	1,220	1,220	-	36	36	-
FOOT-----	-	-	-	20	20	5	25	-	-	-	1,009	1,009	1,009	-	50	50	-
TOE(S)-----	-	-	-	6	6	2	8	-	-	-	90	90	90	-	15	15	-
LOWER EXTREMITIES, NEC-----	-	-	-	22	22	4	26	-	-	-	675	675	675	-	31	31	-
BODY SYSTEMS-----	3	-	-	3	3	13	19	18,000	-	-	11	11	18,011	-	4	3,002	-
MULTIPLE PARTS OF BODY-----	1	-	-	43	43	7	51	6,000	-	-	2,060	2,060	8,060	-	48	183	-
UNCLASSIFIED-----	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	5	1	12	648	661	308	974	30,000	6,000	1,215	23,360	30,575	60,575	101	36	91	-

TABLE 8. - NUMBER OF INJURIES, INCIDENCE RATES, AND SEVERITY MEASURES BY DEGREE FOR WORK LOCATION AND NATURE OF INJURY AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES							INCIDENCE RATES					SEVERITY MEASURES			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL	NDL	ALL INJURIES	FATAL	NFDL	ALL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL											
		TOTAL	PARTIAL													
SURFACE MINES:																
OPEN PIT:																
AMPUTATION/ENUCLEATION---	-	-	11	-	11	11	-	11	-	.04	.04	-	.04	-	4	4
ASPHYXIATION/DROWNING---	1	-	-	-	-	1	1	2	(*)	-	(*)	(*)	.01	21	-	21
BURN/SCALD (NOT CHEM.)---	-	-	-	17	17	17	7	24	-	.06	.06	.02	.08	-	1	1
CHEMICAL BURN---	-	-	-	3	3	3	1	4	-	.01	.01	(*)	.01	-	(*)	(*)
CONCUSSION (CEREBRAL)---	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE---	-	-	-	78	78	78	16	94	-	.28	.28	.06	.33	-	9	9
CUT OR PUNCTURE-----	-	-	-	72	72	72	123	195	-	.25	.25	.43	.69	-	3	3
DISLOCATION-----	-	-	-	2	2	2	2	4	-	.01	.01	.01	.01	-	1	1
DUST IN EYE-----	-	-	-	2	2	2	8	10	-	.01	.01	.03	.04	-	(*)	(*)
FRACTURE-----	-	1	-	76	77	77	19	96	-	.27	.27	.07	.34	-	34	34
HERNIA (NOT DISC)-----	-	-	-	8	8	8	-	8	-	.03	.03	-	.03	-	1	1
POISONING (SYSTEMIC)---	-	-	-	3	3	3	8	11	-	.01	.01	.03	.04	-	(*)	(*)
RADIATION/ULTRAVIOLET---	-	-	-	9	9	9	3	12	-	.03	.03	.01	.04	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	5	5	5	2	7	-	.02	.02	.01	.02	-	1	1
STRAIN/SPRAIN-----	-	-	-	196	196	196	37	233	-	.69	.69	.13	.82	-	26	26
MULTIPLE INJURIES-----	-	-	-	12	12	12	4	16	-	.04	.04	.01	.06	-	2	2
OTHER INJURY, NEC-----	-	-	-	4	4	4	2	6	-	.01	.01	.01	.02	-	2	2
UNCLASSIFIED (NO DATA)---	1	-	-	42	42	43	9	52	(*)	.15	.15	.03	.18	21	9	31
TOTAL OR AVERAGE-----	2	1	11	531	543	545	242	787	.01	1.92	1.92	.85	2.78	42	92	135
DREDGE:																
AMPUTATION/ENUCLEATION---	-	-	1	-	1	1	-	1	-	.02	.02	-	.02	-	1	1
ASPHYXIATION/DROWNING---	2	-	-	-	2	2	-	2	.04	-	.04	-	.04	236	-	236
BURN/SCALD (NOT CHEM.)---	-	-	-	1	1	1	2	3	-	.02	.02	.04	.06	-	(*)	(*)
CHEMICAL BURN---	-	-	-	1	1	1	2	3	-	.02	.02	.04	.06	-	(*)	(*)
CONTUSION OR BRUISE---	1	-	-	17	17	18	7	25	.02	.33	.35	.14	.49	118	5	123
CUT OR PUNCTURE-----	-	-	-	15	15	15	29	44	-	.30	.30	.57	.87	-	3	3
FRACTURE-----	-	-	-	14	14	14	4	18	-	.28	.28	.08	.35	-	19	19
HERNIA (NOT DISC)-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
POISONING (SYSTEMIC)---	-	-	-	-	-	-	3	3	-	-	-	.06	.06	-	-	-
RADIATION/ULTRAVIOLET---	-	-	-	1	1	1	1	2	-	.02	.02	.02	.04	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	2	2	2	-	2	-	.04	.04	-	.04	-	(*)	(*)
STRAIN/SPRAIN-----	-	-	-	45	45	45	6	51	-	.89	.89	.12	1.00	-	47	47
MULTIPLE INJURIES-----	-	-	-	7	7	7	2	9	-	.14	.14	.04	.18	-	2	2
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
UNCLASSIFIED (NO DATA)---	-	-	-	10	10	10	2	12	-	.20	.20	.04	.24	-	7	7
TOTAL OR AVERAGE-----	3	-	1	113	114	117	60	177	.06	2.24	2.30	1.18	3.48	354	84	439

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, 2007 (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-----	-	-	12	-	12	12	-	12	-	.04	.04	-	.04	-	4	4
ASPHYXIATION/DROWNING-----	3	-	-	-	-	3	1	4	.01	-	.01	(*)	.01	54	-	54
BURN/SCALD (NOT CHEM.)-----	-	-	-	18	18	18	9	27	-	.05	.05	.03	.08	-	1	1
CHEMICAL BURN-----	-	-	-	4	4	4	3	7	-	.01	.01	.01	.02	-	(*)	(*)
CONCUSSION (CEREBRAL)-----	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE-----	1	-	-	95	95	96	23	119	(*)	.28	.29	.07	.36	18	8	26
CUT OR PUNCTURE-----	-	-	-	87	87	87	152	239	-	.26	.26	.45	.72	-	3	3
DISLOCATION-----	-	-	-	2	2	2	2	4	-	.01	.01	.01	.01	-	(*)	(*)
DUST IN EYE-----	-	-	-	2	2	2	8	10	-	.01	.01	.02	.03	-	(*)	(*)
FRACTURE-----	-	1	-	90	91	91	23	114	-	.27	.27	.07	.34	-	32	32
HERNIA (NOT DISC)-----	-	-	-	8	8	8	1	9	-	.02	.02	(*)	.03	-	1	1
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	11	14	-	.01	.01	.03	.04	-	(*)	(*)
RADIATION/ULTRA VIOLET-----	-	-	-	10	10	10	4	14	-	.03	.03	.01	.04	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	7	7	7	2	9	-	.02	.02	.01	.03	-	1	1
STRAIN/SPRAIN-----	-	-	-	241	241	241	43	284	-	.72	.72	.13	.85	-	29	29
MULTIPLE INJURIES-----	-	-	-	19	19	19	6	25	-	.06	.06	.02	.07	-	2	2
OTHER INJURY, NEC-----	-	-	-	4	4	4	3	7	-	.01	.01	.01	.02	-	1	1
UNCLASSIFIED (NO DATA)-----	1	-	-	52	52	53	11	64	(*)	.16	.16	.03	.19	18	9	27
TOTAL OR AVERAGE-----	5	1	12	644	657	662	302	964	.01	1.97	1.98	.90	2.89	90	91	181
OFFICE:																
CONTUSION OR BRUISE-----	-	-	-	1	1	1	2	3	-	.02	.02	.04	.06	-	(*)	(*)
CUT OR PUNCTURE-----	-	-	-	1	1	1	2	3	-	.02	.02	.04	.06	-	(*)	(*)
DUST IN EYE-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
FRACTURE-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	1	1
POISONING (SYSTEMIC)-----	-	-	-	-	-	-	1	1	-	-	-	.02	.02	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	.02	.02	-	.02	-	1	1
TOTAL OR AVERAGE-----	-	-	-	4	4	4	6	10	-	.08	.08	.12	.20	-	3	3
GRAND TOTAL OR AVERAGE:																
AMPUTATION/ENUCLEATION-----	-	-	12	-	12	12	-	12	-	.03	.03	-	.03	-	3	3
ASPHYXIATION/DROWNING-----	3	-	-	-	-	3	1	4	.01	-	.01	(*)	.01	47	-	47
BURN/SCALD (NOT CHEM.)-----	-	-	-	18	18	18	9	27	-	.05	.05	.02	.07	-	1	1
CHEMICAL BURN-----	-	-	-	4	4	4	3	7	-	.01	.01	.01	.02	-	(*)	(*)
CONCUSSION (CEREBRAL)-----	-	-	-	2	2	2	-	2	-	.01	.01	-	.01	-	(*)	(*)
CONTUSION OR BRUISE-----	1	-	-	96	96	97	25	122	(*)	.25	.25	.07	.32	16	7	23
CUT OR PUNCTURE-----	-	-	-	88	88	88	154	242	-	.23	.23	.40	.63	-	3	3
DISLOCATION-----	-	-	-	2	2	2	2	4	-	.01	.01	.01	.01	-	(*)	(*)
DUST IN EYE-----	-	-	-	2	2	2	9	11	-	.01	.01	.02	.03	-	(*)	(*)
FRACTURE-----	-	1	-	91	92	92	23	115	-	.24	.24	.06	.30	-	28	28
HERNIA (NOT DISC)-----	-	-	-	8	8	8	1	9	-	.02	.02	(*)	.02	-	1	1
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	12	15	-	.01	.01	.03	.04	-	(*)	(*)
RADIATION/ULTRA VIOLET-----	-	-	-	10	10	10	4	14	-	.03	.03	.01	.04	-	(*)	(*)
SCRATCH/ABRASION-----	-	-	-	7	7	7	2	9	-	.02	.02	.01	.02	-	(*)	(*)
STRAIN/SPRAIN-----	-	-	-	241	241	241	43	284	-	.63	.63	.11	.74	-	25	25
MULTIPLE INJURIES-----	-	-	-	19	19	19	6	25	-	.05	.05	.02	.07	-	1	1
OTHER INJURY, NEC-----	-	-	-	4	4	4	3	7	-	.01	.01	.01	.02	-	1	1
UNCLASSIFIED (NO DATA)-----	1	-	-	53	53	54	11	65	(*)	.14	.14	.03	.17	16	8	24
TOTAL OR AVERAGE-----	5	1	12	648	661	666	308	974	.01	1.72	1.74	.80	2.54	78	80	158

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, 2007

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
SURFACE MINES:																	
OPEN PIT:																	
AMPUTATION/ENUCLEATION----	-	-	11	-	11	11	-	11	-	-	1,140	-	1,140	1,140	104	-	104
ASPHYXIATION/DROWNING----	1	-	-	-	1	1	1	2	6,000	-	-	-	-	6,000	-	-	6,000
BURN/SCALD (NOT CHEM.)----	-	-	-	17	17	17	7	24	-	-	-	403	403	403	-	24	24
CHEMICAL BURN----	-	-	-	3	3	3	1	4	-	-	-	30	30	30	-	10	10
CONCUSSION (CEREBRAL)----	-	-	-	2	2	2	-	2	-	-	-	7	7	7	-	4	4
CONTUSION OR BRUISE----	-	-	-	78	78	78	16	94	-	-	-	2,414	2,414	2,414	-	31	31
CUT OR PUNCTURE----	-	-	-	72	72	72	123	195	-	-	-	911	911	911	-	13	13
DISLOCATION----	-	-	-	2	2	2	2	4	-	-	-	160	160	160	-	80	80
DUST IN EYE----	-	-	-	2	2	2	8	10	-	-	-	7	7	7	-	4	4
FRACTURE----	-	1	-	76	77	77	19	96	-	6,000	-	3,689	9,689	9,689	-	49	126
HERNIA (NOT DISC)----	-	-	-	8	8	8	-	8	-	-	-	253	253	253	-	32	32
POISONING (SYSTEMIC)----	-	-	-	3	3	3	8	11	-	-	-	11	11	11	-	4	4
RADIATION/ULTRA VIOLET----	-	-	-	9	9	9	3	12	-	-	-	33	33	33	-	4	4
SCRATCH/ABRASION----	-	-	-	5	5	5	2	7	-	-	-	184	184	184	-	37	37
STRAIN/SPRAIN----	-	-	-	196	196	196	37	233	-	-	-	7,319	7,319	7,319	-	37	37
MULTIPLE INJURIES----	-	-	-	12	12	12	4	16	-	-	-	450	450	450	-	38	38
OTHER INJURY, NEC----	-	-	-	4	4	4	2	6	-	-	-	493	493	493	-	123	123
UNCLASSIFIED (NO DATA)----	1	-	-	42	42	43	9	52	6,000	-	-	2,652	2,652	8,652	-	63	201
TOTAL OR AVERAGE-----	2	1	11	531	543	545	242	787	12,000	6,000	1,140	19,016	26,156	38,156	104	36	70
DREDGE:																	
AMPUTATION/ENUCLEATION----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	75
ASPHYXIATION/DROWNING----	2	-	-	-	2	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
BURN/SCALD (NOT CHEM.)----	-	-	-	1	1	1	2	3	-	-	-	4	4	4	-	4	4
CHEMICAL BURN----	-	-	-	1	1	1	2	3	-	-	-	1	1	1	-	1	1
CONTUSION OR BRUISE----	1	-	-	17	17	18	7	25	6,000	-	-	246	246	6,246	-	14	347
CUT OR PUNCTURE----	-	-	-	15	15	15	29	44	-	-	-	138	138	138	-	9	9
FRACTURE----	-	-	-	14	14	14	4	18	-	-	-	950	950	950	-	68	68
HERNIA (NOT DISC)----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POISONING (SYSTEMIC)----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
RADIATION/ULTRA VIOLET----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
SCRATCH/ABRASION----	-	-	-	2	2	2	-	2	-	-	-	2	2	2	-	1	1
STRAIN/SPRAIN----	-	-	-	45	45	45	6	51	-	-	-	2,407	2,407	2,407	-	53	53
MULTIPLE INJURIES----	-	-	-	7	7	7	2	9	-	-	-	112	112	112	-	16	16
OTHER INJURY, NEC----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)----	-	-	-	10	10	10	2	12	-	-	-	348	348	348	-	35	35
TOTAL OR AVERAGE-----	3	-	1	113	114	117	60	177	18,000	-	75	4,209	4,284	22,284	75	37	190

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, 2007 (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-----	-	-	12	-	12	12	-	12	-	-	1,215	-	1,215	1,215	101	-	101
ASPHYXIATION/DROWNING-----	3	-	-	-	-	3	1	4	18,000	-	-	-	-	18,000	-	-	6,000
BURN/SCALD (NOT CHEM.)-----	-	-	-	18	18	18	9	27	-	-	-	407	407	-	-	23	23
CHEMICAL BURN-----	-	-	-	4	4	4	3	7	-	-	-	31	31	-	-	8	8
CONCUSSION (CEREBRAL)-----	-	-	-	2	2	2	-	2	-	-	-	7	7	-	-	4	4
CONTUSION OR BRUISE-----	1	-	-	95	95	96	23	119	6,000	-	-	2,660	2,660	8,660	-	28	90
CUT OR PUNCTURE-----	-	-	-	87	87	87	152	239	-	-	-	1,049	1,049	1,049	-	12	12
DISLOCATION-----	-	-	-	2	2	2	2	4	-	-	-	160	160	160	-	80	80
DUST IN EYE-----	-	-	-	2	2	2	8	10	-	-	-	7	7	-	-	4	4
FRACTURE-----	-	1	-	90	91	91	23	114	-	6,000	-	4,639	10,639	10,639	-	52	117
HERNIA (NOT DISC)-----	-	-	-	8	8	8	1	9	-	-	-	253	253	253	-	32	32
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	11	14	-	-	-	11	11	11	-	4	4
RADIATION/ULTRA VIOLET-----	-	-	-	10	10	10	4	14	-	-	-	34	34	34	-	3	3
SCRATCH/ABRASION-----	-	-	-	7	7	7	2	9	-	-	-	186	186	186	-	27	27
STRAIN/SPRAIN-----	-	-	-	241	241	241	43	284	-	-	-	9,726	9,726	9,726	-	40	40
MULTIPLE INJURIES-----	-	-	-	19	19	19	6	25	-	-	-	562	562	562	-	30	30
OTHER INJURY, NEC-----	-	-	-	4	4	4	3	7	-	-	-	493	493	493	-	123	123
UNCLASSIFIED (NO DATA)-----	1	-	-	52	52	53	11	64	6,000	-	-	3,000	3,000	9,000	-	58	170
TOTAL OR AVERAGE-----	5	1	12	644	657	662	302	964	30,000	6,000	1,215	23,225	30,440	60,440	101	36	91
OFFICE:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	2	3	-	-	-	5	5	5	-	5	5
CUT OR PUNCTURE-----	-	-	-	1	1	1	2	3	-	-	-	1	1	1	-	1	1
DUST IN EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	1	1	-	-	-	63	63	63	-	63	63
POISONING (SYSTEMIC)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	66	66	66	-	66	66
TOTAL OR AVERAGE-----	-	-	-	4	4	4	6	10	-	-	-	135	135	135	-	34	34
GRAND TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION-----	-	-	12	-	12	12	-	12	-	-	1,215	-	1,215	1,215	101	-	101
ASPHYXIATION/DROWNING-----	3	-	-	-	-	3	1	4	18,000	-	-	-	-	18,000	-	-	6,000
BURN/SCALD (NOT CHEM.)-----	-	-	-	18	18	18	9	27	-	-	-	407	407	-	-	23	23
CHEMICAL BURN-----	-	-	-	4	4	4	3	7	-	-	-	31	31	-	-	8	8
CONCUSSION (CEREBRAL)-----	-	-	-	2	2	2	-	2	-	-	-	7	7	-	-	4	4
CONTUSION OR BRUISE-----	1	-	-	96	96	97	25	122	6,000	-	-	2,665	2,665	8,665	-	28	89
CUT OR PUNCTURE-----	-	-	-	88	88	88	154	242	-	-	-	1,050	1,050	1,050	-	12	12
DISLOCATION-----	-	-	-	2	2	2	2	4	-	-	-	160	160	160	-	80	80
DUST IN EYE-----	-	-	-	2	2	2	9	11	-	-	-	7	7	-	-	4	4
FRACTURE-----	-	1	-	91	92	92	23	115	-	6,000	-	4,702	10,702	10,702	-	52	116
HERNIA (NOT DISC)-----	-	-	-	8	8	8	1	9	-	-	-	253	253	253	-	32	32
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	12	15	-	-	-	11	11	11	-	4	4
RADIATION/ULTRA VIOLET-----	-	-	-	10	10	10	4	14	-	-	-	34	34	34	-	3	3
SCRATCH/ABRASION-----	-	-	-	7	7	7	2	9	-	-	-	186	186	186	-	27	27
STRAIN/SPRAIN-----	-	-	-	241	241	241	43	284	-	-	-	9,726	9,726	9,726	-	40	40
MULTIPLE INJURIES-----	-	-	-	19	19	19	6	25	-	-	-	562	562	562	-	30	30
OTHER INJURY, NEC-----	-	-	-	4	4	4	3	7	-	-	-	493	493	493	-	123	123
UNCLASSIFIED (NO DATA)-----	1	-	-	53	53	54	11	65	6,000	-	-	3,066	3,066	9,066	-	58	168
TOTAL OR AVERAGE-----	5	1	12	648	661	666	308	974	30,000	6,000	1,215	23,360	30,575	60,575	101	36	91

TABLE 10. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
EAR:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
EYE:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	2	3	-	-	-	1	1	1	-	1	1
CHEMICAL BURN-----	-	-	-	2	2	2	1	3	-	-	-	2	2	2	-	1	1
CUT OR PUNCTURE-----	-	-	-	6	6	6	23	29	-	-	-	91	91	91	-	15	15
DUST IN EYE-----	-	-	-	2	2	2	9	11	-	-	-	7	7	7	-	4	4
RADIATION/ULTRA VIOLET-----	-	-	-	8	8	8	4	12	-	-	-	20	20	20	-	2	2
SCRATCH/ABRASION-----	-	-	-	5	5	5	1	6	-	-	-	9	9	9	-	2	2
OTHER INJURY, NEC-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	24	24	24	42	66	-	-	-	130	130	130	-	5	5
JAW:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-
NOSE:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
SCALP:																	
CUT OR PUNCTURE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
FACE, NEC:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	2	2	2	1	3	-	-	-	13	13	13	-	6	6
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	17	17	17	-	17	17
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	11	11	11	-	11	11
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
TOTAL OR AVERAGE-----	-	-	-	6	6	6	4	10	-	-	-	49	49	49	-	8	8

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, 2007 (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						
HEAD, NEC:																	
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONCUSSION (CEREBRAL)-----	-	-	-	2	2	2	-	2	-	-	-	7	7	7	-	4	4
CONTUSION OR BRUISE-----	-	-	-	1	1	1	2	3	-	-	-	325	325	325	-	325	325
CUT OR PUNCTURE-----	-	-	-	3	3	3	18	21	-	-	-	12	12	12	-	4	4
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	-	2	-	-	-	7	7	7	-	4	4
TOTAL OR AVERAGE-----	-	-	-	9	9	9	21	30	-	-	-	378	378	378	-	42	42
NECK:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
STRAIN/SPRAIN-----	-	-	-	10	10	10	2	12	-	-	-	103	103	103	-	10	10
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	211	211	211	-	211	211
TOTAL OR AVERAGE-----	-	-	-	13	13	13	3	16	-	-	-	320	320	320	-	25	25
UPPER ARM:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	4	4	4	-	4	-	-	-	107	107	107	-	27	27
TOTAL OR AVERAGE-----	-	-	-	5	5	5	1	6	-	-	-	115	115	115	-	23	23
ELBOW:																	
CONTUSION OR BRUISE-----	-	-	-	5	5	5	1	6	-	-	-	185	185	185	-	37	37
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	145	145	145	-	145	145
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	215	215	215	-	215	215
STRAIN/SPRAIN-----	-	-	-	2	2	2	3	5	-	-	-	222	222	222	-	111	111
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	10	10	10	6	16	-	-	-	775	775	775	-	78	78
FOREARM:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
CONTUSION OR BRUISE-----	-	-	-	3	3	3	-	3	-	-	-	69	69	69	-	23	23
CUT OR PUNCTURE-----	-	-	-	4	4	4	5	9	-	-	-	66	66	66	-	16	16
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	38	38	38	-	38	38
TOTAL OR AVERAGE-----	-	-	-	10	10	10	5	15	-	-	-	178	178	178	-	18	18

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, 2007 (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					PERMANENT	TEMPORARY	TOTAL NFDL					
		TOTAL	PARTIAL													TOTAL
WRIST:																
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	5	5	5	-	5	5
CUT OR PUNCTURE-----	-	-	-	1	1	1	4	5	-	-	25	25	25	-	25	25
FRACTURE-----	-	-	-	3	3	3	3	6	-	-	207	207	207	-	69	69
SCRATCH/ABRASION-----	-	-	-	1	1	1	-	1	-	-	147	147	147	-	147	147
STRAIN/SPRAIN-----	-	-	-	4	4	4	2	6	-	-	26	26	26	-	6	6
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	4	4	4	-	4	4
TOTAL OR AVERAGE-----	-	-	-	11	11	11	9	20	-	-	414	414	414	-	38	38
HAND:																
BURN/SCALD (NOT CHEM.)----	-	-	-	2	2	2	1	3	-	-	3	3	3	-	2	2
CHEMICAL BURN-----	-	-	-	7	7	7	-	9	-	-	11	11	11	-	11	11
CONTUSION OR BRUISE-----	-	-	-	7	7	7	2	9	-	-	213	213	213	-	30	30
CUT OR PUNCTURE-----	-	-	-	9	9	9	18	27	-	-	149	149	149	-	17	17
FRACTURE-----	-	-	-	5	5	5	-	5	-	-	84	84	84	-	17	17
RADIATION/ULTRA VIOLET----	-	-	-	1	1	1	-	1	-	-	12	12	12	-	12	12
STRAIN/SPRAIN-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	2	-	-	5	5	5	-	5	5
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	12	12	12	-	12	12
TOTAL OR AVERAGE-----	-	-	-	27	27	27	23	50	-	-	489	489	489	-	18	18
FINGER(S):																
AMPUTATION/ENUCLEATION----	-	-	12	-	12	12	-	12	-	1,215	-	1,215	1,215	101	-	101
BURN/SCALD (NOT CHEM.)----	-	-	-	2	2	2	1	3	-	-	10	10	10	-	5	5
CONTUSION OR BRUISE-----	-	-	-	15	15	15	10	25	-	-	279	279	279	-	19	19
CUT OR PUNCTURE-----	-	-	-	41	41	41	58	99	-	-	459	459	459	-	11	11
DISLOCATION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	27	27	27	12	39	-	-	843	843	843	-	31	31
SCRATCH/ABRASION-----	-	-	-	1	1	1	-	1	-	-	30	30	30	-	30	30
STRAIN/SPRAIN-----	-	-	-	3	3	3	1	4	-	-	26	26	26	-	9	9
MULTIPLE INJURIES-----	-	-	-	3	3	3	2	5	-	-	14	14	14	-	5	5
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	4	4	4	-	4	4
UNCLASSIFIED (NO DATA)----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	12	93	105	105	87	192	-	1,215	1,665	2,880	2,880	101	18	27
UPPER EXTREMITIES, NEC:																
BURN/SCALD (NOT CHEM.)----	-	-	-	2	2	2	1	3	-	-	20	20	20	-	10	10
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	-	-	204	204	204	-	204	204
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	1	1	1	1	2	-	-	63	63	63	-	63	63
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	89	89	89	-	89	89
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	167	167	167	-	167	167
TOTAL OR AVERAGE-----	-	-	-	6	6	6	4	10	-	-	543	543	543	-	90	90

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, 2007 (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						
ABDOMEN:																	
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	3	3	3	2	5	-	-	-	-	51	51	51	-	17
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	142	142	142	-	47	47
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	6	6	6	4	10	-	-	-	193	193	193	-	32	32
BACK:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	1	2	-	-	-	9	9	9	-	9	9
CUT OR PUNCTURE-----	-	-	-	2	3	3	1	4	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	1	-	2	3	3	1	4	-	6,000	-	264	6,264	6,264	-	132	2,088
STRAIN/SPRAIN-----	-	-	-	95	95	95	13	108	-	-	-	3,214	3,214	3,214	-	34	34
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	41	41	41	-	41	41
UNCLASSIFIED (NO DATA)-----	-	-	-	24	24	24	2	26	-	-	-	1,280	1,280	1,280	-	53	53
TOTAL OR AVERAGE-----	-	1	-	123	124	124	18	142	-	6,000	-	4,808	10,808	10,808	-	39	87
CHEST:																	
CONTUSION OR BRUISE-----	1	-	-	9	9	10	-	10	6,000	-	-	125	125	6,125	-	14	612
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
FRACTURE-----	-	-	-	13	13	13	-	13	-	-	-	494	494	494	-	38	38
STRAIN/SPRAIN-----	-	-	-	3	3	3	1	4	-	-	-	26	26	26	-	9	9
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	251	251	251	-	251	251
UNCLASSIFIED (NO DATA)-----	-	-	-	4	4	4	-	4	-	-	-	286	286	286	-	72	72
TOTAL OR AVERAGE-----	1	-	-	31	31	32	2	34	6,000	-	-	1,185	1,185	7,185	-	38	225
PELVIC REGION:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	-	-	-	4	4	4	-	4	-	-	-	41	41	41	-	10	10
FRACTURE-----	-	-	-	3	3	3	-	3	-	-	-	207	207	207	-	69	69
HERNIA (NOT DISC)-----	-	-	-	8	8	8	1	9	-	-	-	253	253	253	-	32	32
STRAIN/SPRAIN-----	-	-	-	5	5	5	-	5	-	-	-	34	34	34	-	7	7
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	58	58	58	-	58	58
TOTAL OR AVERAGE-----	-	-	-	21	21	21	2	23	-	-	-	593	593	593	-	28	28
SHOULDER(S):																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	2	3	-	-	-	12	12	12	-	12	12
DISLOCATION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	4	4	4	-	4	-	-	-	199	199	199	-	50	50
STRAIN/SPRAIN-----	-	-	-	27	27	27	8	35	-	-	-	2,087	2,087	2,087	-	77	77
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	7	7	7	-	7	-	-	-	612	612	612	-	87	87
TOTAL OR AVERAGE-----	-	-	-	39	39	39	12	51	-	-	-	2,910	2,910	2,910	-	75	75

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, 2007 (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						
TRUNK, NEC:																	
CONTUSION OR BRUISE-----	-	-	-	4	4	4	1	5	-	-	-	30	30	30	-	8	8
STRAIN/SPRAIN-----	-	-	-	3	3	3	1	4	-	-	-	231	231	231	-	77	77
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
TOTAL OR AVERAGE-----	-	-	-	8	8	8	2	10	-	-	-	309	309	309	-	39	39
THIGH:																	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	4	4
CUT OR PUNCTURE-----	-	-	-	4	4	4	4	8	-	-	-	41	41	41	-	10	10
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	281	281	281	-	140	140
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	90	90	90	-	90	90
TOTAL OR AVERAGE-----	-	-	-	9	9	9	4	13	-	-	-	420	420	420	-	47	47
KNEE:																	
CONTUSION OR BRUISE-----	-	-	-	9	9	9	-	9	-	-	-	180	180	180	-	20	20
CUT OR PUNCTURE-----	-	-	-	4	4	4	2	6	-	-	-	18	18	18	-	4	4
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	48	48	48	-	48	48
STRAIN/SPRAIN-----	-	-	-	42	42	42	3	45	-	-	-	2,271	2,271	2,271	-	54	54
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	2	3	-	-	-	83	83	83	-	83	83
TOTAL OR AVERAGE-----	-	-	-	58	58	58	7	65	-	-	-	2,615	2,615	2,615	-	45	45
LOWER LEG:																	
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	-	18	18	18	-	18	18
CONTUSION OR BRUISE-----	-	-	-	5	5	5	1	6	-	-	-	87	87	87	-	17	17
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	70	70	70	-	35	35
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12
TOTAL OR AVERAGE-----	-	-	-	10	10	10	3	13	-	-	-	189	189	189	-	19	19
ANKLE:																	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	11	11	11	-	6	6
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
FRACTURE-----	-	-	-	10	10	10	-	10	-	-	-	736	736	736	-	74	74
STRAIN/SPRAIN-----	-	-	-	21	21	21	3	24	-	-	-	467	467	467	-	22	22
TOTAL OR AVERAGE-----	-	-	-	34	34	34	3	37	-	-	-	1,220	1,220	1,220	-	36	36

TABLE 10. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR PART OF BODY INJURED AND NATURE OF INJURY AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (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						
FOOT:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
CONTUSION OR BRUISE-----	-	-	-	7	7	7	2	9	-	-	-	414	414	414	-	59	
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	
FRACTURE-----	-	-	-	6	6	6	-	6	-	-	-	258	258	258	-	43	
STRAIN/SPRAIN-----	-	-	-	2	2	2	1	3	-	-	-	12	12	12	-	6	
UNCLASSIFIED (NO DATA)-----	-	-	-	4	4	4	1	5	-	-	-	324	324	324	-	81	
TOTAL OR AVERAGE-----	-	-	-	20	20	20	5	25	-	-	-	1,009	1,009	1,009	-	50	
TOE(S):																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	6	6	6	-	3	
CUT OR PUNCTURE-----	-	-	-	1	1	1	-	1	-	-	-	30	30	30	-	30	
FRACTURE-----	-	-	-	1	1	1	2	3	-	-	-	25	25	25	-	25	
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	
TOTAL OR AVERAGE-----	-	-	-	6	6	6	2	8	-	-	-	90	90	90	-	15	
LOWER EXTREMITIES, NEC:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	2	2	2	-	2	-	-	-	31	31	31	-	16	
CONTUSION OR BRUISE-----	-	-	-	6	6	6	-	6	-	-	-	43	43	43	-	7	
CUT OR PUNCTURE-----	-	-	-	3	3	3	2	5	-	-	-	38	38	38	-	13	
FRACTURE-----	-	-	-	6	6	6	1	7	-	-	-	477	477	477	-	80	
STRAIN/SPRAIN-----	-	-	-	3	3	3	-	3	-	-	-	32	32	32	-	11	
MULTIPLE INJURIES-----	-	-	-	2	2	2	-	2	-	-	-	54	54	54	-	27	
UNCLASSIFIED (NO DATA)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	22	22	22	4	26	-	-	-	675	675	675	-	31	
BODY SYSTEMS:																	
ASPHYXIATION/DROWNING-----	3	-	-	-	-	3	1	4	18,000	-	-	-	-	18,000	-	-	
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	12	15	-	-	-	11	11	11	-	4	
TOTAL OR AVERAGE-----	3	-	-	3	3	6	13	19	18,000	-	-	11	11	18,011	-	4	
MULTIPLE PARTS OF BODY:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	5	5	5	-	5	-	-	-	304	304	304	-	61	
CONTUSION OR BRUISE-----	-	-	-	7	7	7	-	7	-	-	-	388	388	388	-	55	
CUT OR PUNCTURE-----	-	-	-	3	3	3	1	4	-	-	-	36	36	36	-	12	
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	218	218	218	-	109	
RADIATION/ULTRAVIOLET-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	
STRAIN/SPRAIN-----	-	-	-	11	11	11	4	15	-	-	-	543	543	543	-	49	
MULTIPLE INJURIES-----	-	-	-	10	10	10	2	12	-	-	-	436	436	436	-	44	
UNCLASSIFIED (NO DATA)-----	1	-	-	4	4	5	-	5	6,000	-	-	133	133	6,133	-	33	
TOTAL OR AVERAGE-----	1	-	-	43	43	44	7	51	6,000	-	-	2,060	2,060	8,060	-	48	

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, 2007 (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						
UNCLASSIFIED: OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION----	-	-	12	-	12	12	-	12	-	-	1,215	-	1,215	1,215	101	-	101
ASPHYXIATION/DROWNING----	3	-	-	-	-	3	1	4	18,000	-	-	-	-	18,000	-	-	6,000
BURN/SCALD (NOT CHEM.)----	-	-	-	18	18	18	9	27	-	-	-	407	407	-	23	23	
CHEMICAL BURN-----	-	-	-	4	4	4	3	7	-	-	-	31	31	-	8	8	
CONCUSSION (CEREBRAL)----	-	-	-	2	2	2	-	2	-	-	-	7	7	-	4	4	
CONTUSION OR BRUISE-----	1	-	-	96	96	97	25	122	6,000	-	-	2,665	2,665	8,665	-	28	89
CUT OR PUNCTURE-----	-	-	-	88	88	88	154	242	-	-	-	1,050	1,050	1,050	-	12	12
DISLOCATION-----	-	-	-	2	2	2	2	4	-	-	-	160	160	160	-	80	80
DUST IN EYE-----	-	-	-	2	2	2	9	11	-	-	-	7	7	-	4	4	
FRACTURE-----	-	1	-	91	92	92	23	115	-	6,000	-	4,702	10,702	10,702	-	52	116
HERNIA (NOT DISC)-----	-	-	-	8	8	8	1	9	-	-	-	253	253	253	-	32	32
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	12	15	-	-	-	11	11	11	-	4	4
RADIATION/ULTRAVIOLET----	-	-	-	10	10	10	4	14	-	-	-	34	34	34	-	3	3
SCRATCH/ABRASION-----	-	-	-	7	7	7	2	9	-	-	-	186	186	186	-	27	27
STRAIN/SPRAIN-----	-	-	-	241	241	241	43	284	-	-	-	9,726	9,726	9,726	-	40	40
MULTIPLE INJURIES-----	-	-	-	19	19	19	6	25	-	-	-	562	562	562	-	30	30
OTHER INJURY, NEC-----	-	-	-	4	4	4	3	7	-	-	-	493	493	493	-	123	123
UNCLASSIFIED (NO DATA)----	1	-	-	53	53	54	11	65	6,000	-	-	3,066	3,066	9,066	-	58	168
TOTAL OR AVERAGE-----	5	1	12	648	661	666	308	974	30,000	6,000	1,215	23,360	30,575	60,575	101	36	91

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE						
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL				
DREDGE:																																					
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (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-----																																					
ALASKA-----	1																		1																2		
ARKANSAS-----																			1																	1	
CALIFORNIA-----																1			1																	2	
DELAWARE-----																																					1
FLORIDA-----																																					1
GEORGIA-----		1																	1																		1
ILLINOIS-----																																					3
INDIANA-----																																					3
IOWA-----																																					7
KANSAS-----																																					1
KENTUCKY-----																																					1
LOUISIANA-----		2		1																																	3
MARYLAND-----																																					
MICHIGAN-----																																					
MISSISSIPPI-----																																					2
MISSOURI-----																																					2
NEBRASKA-----	1																																				1
NEW JERSEY-----		1																																			1
NORTH CAROLINA-----																																					
OHIO-----																																					
OKLAHOMA-----																																					
PENNSYLVANIA-----																																					
SOUTH CAROLINA-----																																					
TENNESSEE-----																																					
TEXAS-----		1																																			1
WASHINGTON-----		1																																			1
TOTAL-----	2	6	2														8	13		34	7		4				1	3	5	3	114	60					

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLLING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
OFFICE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (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-----																																									
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-						
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-						
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-					
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	4	6

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL			ENTRAPMENT			EXPLODING VESSEL UNDER PRESSURE			EXPLOSIVE AND BREAKING AGENT			FALLING, ROLL- ING OR SLIDING MATERIAL			FALL OF FACE RIB, SIDE OR HIGHWALL			FALL OF ROOF (UNDERGROUND MINES ONLY)			FIRE			HANDLING MATERIAL			HANDTOOL			NONPOWERED HAULAGE					
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL			
GRAND TOTAL:																																				
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	2	-	-	-	-	-	-	-		
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-		
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	8	-	13	6	-	-	-	-	-	1		
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	-	-	-	-	-	-	-	-		
CALIFORNIA-----	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	37	9	-	14	6	-	-	-	-	-	-		
COLORADO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	14	3	-	2	-	-	-	-	-	-	-		
CONNECTICUT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-		
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-		
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	1	-	-	-	-	-	-	-		
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	-	-	-	-	-	2	1	-	-		
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	1	-	-	-	-	-	-	-	-		
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	1	-	-	-	-	-	3	1	-	-		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	2	2	-	-	-	-	-	-	-	-		
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	4	-	1	4	-	-	-	-	-	-	-		
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	2	1	-	-	-	-	-	-	-		
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	1	-	-	-	
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	-	4	-	-	-	-	-	-	-	-		
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	1	-	-	
MASSACHUSETTS-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	-	-	-	-	-	-	-	-	-	-	
MICHIGAN-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	3	-	-	-	-	-	-	-	-	-	
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	3	3	-	-	-	3	1	-	-	-	
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	2	3	3	-	-	-	-	-	-	-	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	-	-	-	-	-	-	1	-	-	-	
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	1	1	-	-	-	-	-	-	-	-	-	
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	
NEVADA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	4	-	1	1	-	-	-	1	-	-	-	
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	-	-	1	-	-	-	-	-	-	-	-	
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	1	-	-	-	-	
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3	-	-	-	-	-	-	4	1	-	-	-	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	2	-	3	-	-	-	1	-	-	-	-	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	2	1	-	-	-	1	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	1	3	-	-	-	-	-	-	-	
Puerto Rico-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	22	7	-	11	7	-	-	-	-	-	-	-	-	-
UTAH-----	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	5	6	-	4	3	-	-	-	-	-	-	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	1	1	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	12	-	3	1	-	-	-	-	-	-	-	-	-
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	1	3	-	-	-	-	-	3	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	3	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	3	-	-	-	-	-	5	1	-	-	-	-	1	3	-	-	1	-	-	-	-	1	-	235	103	-	88	59	-	-	-	-	-	-	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, 2007 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL		
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL
GRAND TOTAL:																																	
ALABAMA-----		-	1															1	-	-	3	-									7	3	
ALASKA-----	1	-																1	-	-	-	-	-	-					1	-	3	2	
ARIZONA-----		7															4	4	-	11	1	-	-	-					1	-	63	21	
ARKANSAS-----		1														2	2	-	1	-	-	-	-					1	-	9	4		
CALIFORNIA-----		12	3													11	6	-	21	7	-	-	-							103	40		
COLORADO-----		6	1													2	-	-	8	-	-	-	-							34	5		
CONNECTICUT-----																															1	1	
DELAWARE-----																															1	1	
FLORIDA-----			1																5	-	-	-	-								8	1	
GEORGIA-----		2															2	4	-	-	-	-	-							8	6		
HAWAII-----		3																												6	2		
IDAHO-----		1	1						1								2	2	-	2	-	-	-							9	7		
ILLINOIS-----		1														2	6	-	-	-	-	-	-				1	1		11	6		
INDIANA-----															2	3	-	2	1	-	-	-	-							13	14		
IOWA-----			1													1	-	-	1	1	-	-	-							5	5		
KANSAS-----																1	2	-	2	-	-	-	-							1	2		
KENTUCKY-----																	3	-	-	-	-	-	-							1	4		
LOUISIANA-----		2	1												2	1	-	4	1	-	-	-		1			1	1		17	7		
MAINE-----																															1	1	
MARYLAND-----			1																2	-	-	-	-							4	4		
MASSACHUSETTS-----															1	-	-	2	-	-	-	-	-							5	5		
MICHIGAN-----		1													1	3	-	3	3	-	-	-	-		1	1				15	9		
MINNESOTA-----			1												3	2	-	4	2	-	-	-	-		1					13	11		
MISSISSIPPI-----		2													1	1	-	4	1	-	-	-	-							15	5		
MISSOURI-----																2	1	-	3	3	-	1	-							5	10		
MONTANA-----		1														1	-	3	1	-	-	-	1							9	3		
NEBRASKA-----	1															2	-	1	2	-	-	-	-							1	4		
NEVADA-----		1													1	-	-	4	-	-	-	-	-							15	5		
NEW HAMPSHIRE-----		1															3	-	3	-	-	-	-							5	1		
NEW JERSEY-----		1													1	-	-	6	2	-	1	-	-							17	2		
NEW MEXICO-----		1													1	-	-	2	-	-	-	-	-							6	3		
NEW YORK-----		3							1						1	1	-	3	1	-	-	-		1						20	10		
NORTH CAROLINA-----			1													1	-	1	1	-	-	-	-							2	4		
NORTH DAKOTA-----		2															1	1	1	-	-	-	-							4	4		
OHIO-----		2													1	1	-	1	1	-	-	-	-			1				15	5		
OKLAHOMA-----															1	1	-	2	1	-	-	-	-							9	3		
OREGON-----	1	2													1	-	-	6	1	-	-	-	-						1	14	3		
PENNSYLVANIA-----		5														3	3	-	4	-	-	1	-							20	6		
PUERTO RICO-----		1														1	-	3	2	-	-	-	-			1				7	2		
RHODE ISLAND-----																		1	-	-	-	-	-							4	7		
SOUTH CAROLINA-----																1	-	4	-	-	-	-	-							7	1		
SOUTH DAKOTA-----			2														2	1	-	1	-	-	1							1	5		
TENNESSEE-----		1	1														3	-	-	-	-	-	-				1			9	6		
TEXAS-----		3	1					1							1	1	-	15	2	-	1	-	-							60	22		
UTAH-----		1	2												1	4	-	4	2	-	-	-	-							16	18		
VIRGINIA-----		1													1	-	-	2	-	-	-	-	-							7	2		
WASHINGTON-----		4														3	2	-	4	-	-	1	-							24	17		
WEST VIRGINIA-----																1	-	-	-	-	-	-	-								1	8	
WISCONSIN-----		1														3	2	-	1	1	-	1	-							11	7		
WYOMING-----			1														3	-	1	1	-	-	-								7	7	
TOTAL-----	3	69	19					3								50	53	1	172	40		9			3	4	1	22	24	5	661	308	

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, 2007

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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	496	-	221	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	1,166	-	418	-	-
COLORADO-----	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	513	-	304	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
IDaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	278	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	266	-	12	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	-	11	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-
MASSACHUSETTS-----	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
MICHIGAN-----	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	97	-	66	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	26	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	256	-	18	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	159	-	5	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	-	11	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173	-	33	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	151	-	20	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	8	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	162	-	3	-	-
PUERTO RICO-----	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	15	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	227	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	204	-	6	-	-
TEXAS-----	-	-	-	-	-	59	-	-	-	-	-	82	-	-	-	-	-	594	-	306	-	-
UTAH-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	69	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	2	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	206	-	86	-	-
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	4	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	123	-	-
TOTAL-----	-	16	-	-	-	80	-	-	-	25	-	82	-	-	-	-	-	5,883	-	2,040	-	-

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, 2007 (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-----	-	-	-	-	-	-	-	-	-	-	-	1	-	45	-	-	-	-	-	-	-	78
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
ARIZONA-----	-	113	-	-	-	-	-	-	-	-	-	426	-	620	-	-	-	28	-	15	-	1,919
ARKANSAS-----	-	50	-	-	-	-	-	-	-	-	-	3	-	38	-	-	-	-	-	-	-	130
CALIFORNIA-----	-	562	-	-	-	-	-	-	-	-	-	478	-	537	-	-	-	-	428	-	-	3,597
COLORADO-----	-	62	-	-	-	-	-	-	-	-	-	10	-	540	-	-	-	-	2	-	-	1,456
GEORGIA-----	-	60	-	-	-	-	-	-	-	-	-	-	-	108	-	-	-	-	-	-	-	173
HAWAII-----	-	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100
IDaho-----	-	61	-	-	-	4	-	-	-	-	-	-	-	135	-	-	-	-	-	-	-	373
ILLINOIS-----	-	48	-	-	-	-	-	-	-	-	-	-	-	232	-	-	-	-	6	-	-	564
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	-	-	-	-	317
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	-	93
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	17
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	-	6,000
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	105	-	-	-	-	-	-	-	149
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	73	-	-	-	-	-	-	-	116
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	5	-	101	-	-	-	-	-	-	-	119
MICHIGAN-----	-	6	-	-	-	-	-	-	-	-	-	1	-	14	-	-	-	-	-	251	-	437
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	86	-	309	-	-	-	-	14	-	-	466
MISSISSIPPI-----	-	6	-	-	-	-	-	-	-	-	-	1	-	71	-	-	-	-	-	-	-	352
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	61	-	-	-	-	-	-	-	61
MONTANA-----	-	120	-	-	-	-	-	-	-	-	-	-	-	44	-	-	9	-	-	-	-	337
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	12
NEVADA-----	-	151	-	-	-	-	-	-	-	-	-	25	-	346	-	-	9	-	-	15	-	626
NEW HAMPSHIRE-----	-	136	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	219
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	6
NEW MEXICO-----	-	204	-	-	-	-	-	-	-	-	-	2	-	15	-	-	-	-	-	-	-	536
NEW YORK-----	-	371	-	-	-	1	-	-	-	-	-	121	-	173	-	-	-	2	-	-	-	874
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	134	-	-	-	-	-	-	-	158
NORTH DAKOTA-----	-	35	-	-	-	-	-	-	-	-	-	-	-	90	-	-	-	-	-	-	-	136
OHIO-----	-	82	-	-	-	-	-	-	-	-	-	-	-	6,000	-	-	-	-	-	-	6,000	345
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78
OREGON-----	6,000	4	-	-	-	-	-	-	-	-	-	303	-	291	-	-	-	-	-	-	-	646
PENNSYLVANIA-----	-	71	-	-	-	-	-	-	-	-	-	14	-	25	-	-	-	-	1	-	-	276
PUERTO RICO-----	-	147	-	-	-	-	-	-	-	-	-	3	-	293	-	-	-	-	-	-	-	454
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	53
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	95	-	-	-	-	-	-	-	217
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	77	-	76	-	-	-	-	-	429
TENNESSEE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	232
TEXAS-----	-	19	-	-	-	6	-	-	-	-	-	-	-	574	-	-	-	8	-	42	-	1,690
UTAH-----	-	10	-	-	-	-	-	-	-	-	-	-	1	213	-	-	-	-	-	-	-	417
VIRGINIA-----	-	1	-	-	-	-	-	-	-	-	-	278	-	259	-	-	-	-	-	-	-	565
WASHINGTON-----	-	98	-	-	-	-	-	-	-	-	-	76	-	304	-	66	-	-	-	105	-	941
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	2
WISCONSIN-----	-	11	-	-	-	-	-	-	-	-	-	53	-	63	-	15	-	-	-	-	-	172
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	196
TOTAL-----	6,000	2,523	-	-	-	11	-	-	-	-	-	2,162	6,000	12,242	-	175	-	38	-	879	12,000	26,156

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, 2007 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	235	-	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	75	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	416	-	-	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	13	-	-	-
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	106	-	-	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	97	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	229	-	1	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	7	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	311	-	43	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	224	-	-	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
TEXAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-	18	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,707	-	392	-	-	-

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, 2007 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	235
ALASKA-----	6,000	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	6,000	6
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
CALIFORNIA-----	-	-	-	-	-	-	-	-	-	-	-	9	-	8	-	-	-	-	-	-	-	38
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	250	-	-	-	-	-	-	-	356
GEORGIA-----	-	41	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	55
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	238	-	-	-	-	-	-	-	238
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	21	-	2	-	-	-	-	-	-	-	108
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	98	-	-	-	-	-	-	-	98
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	328	-	-	-	-	-	-	-	744
LOUISIANA-----	-	5	-	-	-	-	-	-	-	-	-	-	186	74	-	-	-	-	6,000	-	6,000	291
MICHIGAN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	106
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	82	-	-	-	-	-	-	-	179
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	198	-	247	-	-	-	-	-	446
NEBRASKA-----	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000	67
NEW JERSEY-----	-	9	-	-	-	-	-	-	-	-	-	-	-	51	-	37	-	-	-	-	-	327
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	7	-	28
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	69	-	66	-	-	-	-	-	-	-	489
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-	2	-	-	-	-	-	31
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	229
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	7	-	21
TEXAS-----	-	8	-	-	-	-	-	-	-	-	-	-	-	16	-	26	-	-	-	14	-	120
WASHINGTON-----	-	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
TOTAL-----	12,000	80	-	-	-	-	-	-	-	-	-	323	-	1,442	-	312	-	-	6,000	28	18,000	4,284

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, 2007 (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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	235	-	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	496	-	-	221	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	1,187	-	-	418	-	-
COLORADO-----	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	513	-	-	304	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	75	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-
IDAHO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	278	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	351	-	-	12	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	416	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	24	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MASSACHUSETTS-----	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	203	-	-	66	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	26	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	353	-	-	18	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	159	-	-	5	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	-	-	-	-	-
NEVADA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	-	-	11	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	229	-	-	1	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173	-	-	33	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156	-	-	27	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	381	-	-	51	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	162	-	-	3	-	-
PUERTO RICO-----	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	15	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	346	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-	227	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	206	-	-	6	-	-
TEXAS-----	-	-	-	-	-	59	-	-	-	-	82	-	-	-	-	-	632	-	-	324	-	-
UTAH-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-	69	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	2	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	224	-	-	86	-	-
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	4	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	123	-	-
TOTAL-----	-	16	-	-	-	80	-	-	-	25	-	82	-	-	-	-	7,590	-	-	2,432	-	-
OFFICE:																						
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-

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, 2007 (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-----	-	-	-	-	-	-	-	-	-	-	-	1	-	45	-	-	-	-	-	-	-	313
ALASKA-----	6,000	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	6,000	25
ARIZONA-----	-	113	-	-	-	-	-	-	-	-	-	426	-	620	-	-	-	28	15	-	-	1,919
ARKANSAS-----	-	50	-	-	-	-	-	-	-	-	-	3	-	38	-	-	-	-	-	-	-	150
CALIFORNIA-----	-	562	-	-	-	-	-	-	-	-	-	487	-	545	-	-	-	-	428	-	-	3,635
COLORADO-----	-	62	-	-	-	-	-	-	-	-	-	10	-	540	-	-	-	-	2	-	-	1,456
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	250	-	-	-	-	-	-	-	356
GEORGIA-----	-	101	-	-	-	-	-	-	-	-	-	-	-	116	-	-	-	-	-	-	-	228
HAWAII-----	-	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100
IDAHO-----	-	61	-	-	-	4	-	-	-	-	-	-	-	135	-	-	-	-	-	-	-	373
ILLINOIS-----	-	48	-	-	-	-	-	-	-	-	-	-	-	470	-	-	-	-	6	-	-	802
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	21	-	41	-	-	-	-	-	-	-	425
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	-	93
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	115	-	-	-	-	-	-	-	115
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	6,328	-	-	-	-	-	-	-	6,440
KENTUCKY-----	-	5	-	-	-	-	-	-	-	-	-	186	-	179	-	-	-	-	6,000	-	6,000	744
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	73	-	-	-	-	-	-	-	116
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	101	-	-	-	-	-	-	-	119
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	5	-	14	-	-	-	-	-	-	-	543
MICHIGAN-----	-	6	-	-	-	-	-	-	-	-	-	1	-	309	-	-	-	-	251	-	-	567
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	86	-	153	-	-	-	-	14	-	-	466
MISSISSIPPI-----	-	6	-	-	-	-	-	-	-	-	-	1	-	259	-	-	-	-	-	-	-	531
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	247	-	-	-	-	-	507
MONTANA-----	-	120	-	-	-	-	-	-	-	-	-	-	-	12	-	9	-	-	-	-	-	337
NEBRASKA-----	6,000	-	-	-	-	-	-	-	-	-	-	-	-	346	-	-	-	-	-	-	6,000	79
NEVADA-----	-	151	-	-	-	-	-	-	-	-	-	25	-	36	-	9	-	-	15	-	-	626
NEW HAMPSHIRE-----	-	136	-	-	-	-	-	-	-	-	-	-	-	55	-	-	-	-	-	-	-	219
NEW JERSEY-----	-	9	-	-	-	-	-	-	-	-	-	2	-	15	-	37	-	-	-	-	-	333
NEW MEXICO-----	-	204	-	-	-	-	-	-	-	-	-	273	-	173	-	-	-	-	-	-	-	536
NEW YORK-----	-	371	-	-	-	1	-	-	-	-	-	121	-	134	-	-	-	2	-	-	-	874
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	90	-	-	-	-	-	-	-	161
NORTH DAKOTA-----	-	35	-	-	-	-	-	-	-	-	-	-	-	92	-	-	-	-	-	-	-	136
OHIO-----	-	82	-	-	-	-	-	-	-	-	-	9	6,000	66	-	-	-	-	7	6,000	-	373
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	69	-	291	-	-	-	-	-	-	-	567
OREGON-----	6,000	4	-	-	-	-	-	-	-	-	-	303	-	25	-	-	-	-	-	-	6,000	646
PENNSYLVANIA-----	-	71	-	-	-	-	-	-	-	-	-	43	-	293	-	2	-	-	1	-	-	307
PUERTO RICO-----	-	147	-	-	-	-	-	-	-	-	-	3	-	18	-	-	-	-	-	-	-	454
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-	53
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	77	-	-	-	-	-	-	-	446
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	33	-	76	-	-	-	-	-	429
TENNESSEE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	590	-	-	-	-	7	-	-	253
TEXAS-----	-	27	-	-	-	6	-	-	-	-	-	-	-	213	-	26	-	8	56	-	-	1,810
UTAH-----	-	10	-	-	-	-	-	-	-	-	-	1	-	259	-	-	-	-	-	-	-	417
VERMONT-----	-	1	-	-	-	-	-	-	-	-	-	278	-	304	-	-	-	-	-	-	-	565
WASHINGTON-----	-	115	-	-	-	-	-	-	-	-	-	76	-	66	-	-	-	-	105	-	-	976
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	2
WISCONSIN-----	-	11	-	-	-	-	-	-	-	-	-	53	-	63	-	15	-	-	-	-	-	172
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	196
TOTAL-----	18,000	2,603	-	-	-	11	-	-	-	-	-	2,485	6,000	13,684	-	487	-	38	6,000	907	30,000	30,440
OFFICE:																						
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	5
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
PUERTO RICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-	-	-	-	66	-	129
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-	-	-	-	-	66	-	135

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, 2007 (CONTINUED)

WORK LOCATION AND STATE	ELECTRICAL		ENTRAPMENT		EXPLODING VESSEL UNDER PRESSURE		EXPLOSIVE AND BREAKING AGENT		FALLING, ROLLING OR SLIDING MATERIAL		FALL OF FACE RIB, SIDE OR HIGHWALL		FALL OF ROOF (UNDERGROUND MINES ONLY)		FIRE		HANDLING MATERIAL		HANDTOOL		NONPOWERED HAULAGE	
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL
GRAND TOTAL:																						
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	235	-	-	-
ALASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	496	-	221	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-	-	-	-
CALIFORNIA-----	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	1,187	-	418	-	-	-
COLORADO-----	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	513	-	304	-	-	-
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	75	-	-	-
GEORGIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-
HAWAII-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-
IDaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	278	-	-	-	-	-
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	351	-	12	-	-	-
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	-	-
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	416	-	-	-	-	-
LOUISIANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	24	-	-	-
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-	-
MASSACHUSETTS-----	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
MICHIGAN-----	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	203	-	66	-	-	-
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	26	-	-	-
MISSISSIPPI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	353	-	18	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
MONTANA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	159	-	5	-	-	-
NEBRASKA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	-	-	-	-	-
NEVADA-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	-	11	-	-	-
NEW HAMPSHIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	229	-	1	-	-	-
NEW MEXICO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-
NEW YORK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173	-	33	-	-	-
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-	-
NORTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156	-	27	-	-	-
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	381	-	51	-	-	-
OREGON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-	-	-	-
PENNSYLVANIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	162	-	3	-	-	-
PUERTO RICO-----	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	15	-	-	-
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	346	-	-	-	-	-
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	227	-	-	-
TENNESSEE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	206	-	6	-	-	-
TEXAS-----	-	-	-	-	-	59	-	-	-	-	-	82	-	-	-	-	632	-	324	-	-	-
UTAH-----	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	69	-	-	-
VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	2	-	-	-
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	224	-	86	-	-	-
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	4	-	-	-
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	123	-	-	-
TOTAL-----	-	16	-	-	-	80	-	-	-	25	-	82	-	-	-	-	7,591	-	2,432	-	-	-

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, 2007 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE		HOISTING		IGNITION OR EXPLOSION OF GAS OR DUST		IMPOUNDMENT		INUNDATION		MACHINERY		SLIP OR FALL OF PERSON		STEPPING OR KNEELING ON OBJECT		STRIKING OR BUMPING		OTHER		TOTAL		
	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	FTL	NFDL	
GRAND TOTAL:																							
ALABAMA-----	-	-	-	-	-	-	-	-	-	-	-	1	-	45	-	-	-	-	-	-	-	-	313
ALASKA-----	6,000	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	25	
ARIZONA-----	-	113	-	-	-	-	-	-	-	-	-	426	-	625	-	-	28	-	15	-	6,000	1,924	
ARKANSAS-----	-	50	-	-	-	-	-	-	-	-	-	3	-	38	-	-	-	-	-	-	-	150	
CALIFORNIA-----	-	562	-	-	-	-	-	-	-	-	-	487	-	545	-	-	-	-	428	-	-	3,635	
COLORADO-----	-	62	-	-	-	-	-	-	-	-	-	10	-	540	-	-	-	-	2	-	-	1,456	
DELAWARE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	
FLORIDA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	250	-	-	-	-	-	-	-	356	
GEORGIA-----	-	101	-	-	-	-	-	-	-	-	-	-	-	116	-	-	-	-	-	-	-	228	
HAWAII-----	-	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	
IDAHO-----	-	61	-	-	-	4	-	-	-	-	-	-	-	135	-	-	-	-	-	-	-	373	
ILLINOIS-----	-	48	-	-	-	-	-	-	-	-	-	-	-	470	-	-	-	-	6	-	-	802	
INDIANA-----	-	-	-	-	-	-	-	-	-	-	-	21	-	41	-	-	-	-	-	-	-	425	
IOWA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	-	93	
KANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	115	-	-	-	-	-	-	-	115	
KENTUCKY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	6,328	-	-	-	-	-	-	-	6,444	
KENTUCKY-LOUISIANA-----	-	5	-	-	-	-	-	-	-	-	-	-	186	179	-	-	-	-	6,000	-	6,000	740	
MAINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
MARYLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	73	-	-	-	-	-	-	-	116	
MASSACHUSETTS-----	-	-	-	-	-	-	-	-	-	-	-	5	-	101	-	-	-	-	-	-	-	119	
MICHIGAN-----	-	6	-	-	-	-	-	-	-	-	-	1	-	14	-	-	-	-	-	251	-	543	
MINNESOTA-----	-	-	-	-	-	-	-	-	-	-	-	86	-	309	-	-	-	-	14	-	-	466	
MISSISSIPPI-----	-	6	-	-	-	-	-	-	-	-	-	1	-	153	-	-	-	-	-	-	-	531	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	259	-	247	-	-	-	-	-	507	
MONTANA-----	-	120	-	-	-	-	-	-	-	-	-	-	-	44	-	9	-	-	-	-	-	337	
NEBRASKA-----	6,000	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	6,000	79	
NEVADA-----	-	151	-	-	-	-	-	-	-	-	-	25	-	346	-	9	-	-	15	-	-	626	
NEW HAMPSHIRE-----	-	136	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	219	
NEW JERSEY-----	-	9	-	-	-	-	-	-	-	-	-	-	-	55	-	37	-	-	-	-	-	333	
NEW MEXICO-----	-	204	-	-	-	-	-	-	-	-	-	273	-	15	-	-	-	-	-	-	-	536	
NEW YORK-----	-	371	-	-	-	1	-	-	-	-	-	121	-	173	-	-	-	2	-	-	-	874	
NORTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	134	-	-	-	-	-	-	-	161	
NORTH DAKOTA-----	-	35	-	-	-	-	-	-	-	-	-	-	-	90	-	-	-	-	-	-	-	136	
OHIO-----	-	82	-	-	-	-	-	-	-	-	-	9	6,000	92	-	-	-	-	7	6,000	-	373	
OKLAHOMA-----	-	-	-	-	-	-	-	-	-	-	-	69	-	66	-	-	-	-	-	-	-	567	
OREGON-----	6,000	4	-	-	-	-	-	-	-	-	-	303	-	291	-	-	-	-	-	-	6,000	647	
PENNSYLVANIA-----	-	71	-	-	-	-	-	-	-	-	-	43	-	25	-	2	-	-	1	-	-	307	
Puerto Rico-----	-	147	-	-	-	-	-	-	-	-	-	3	-	356	-	-	-	-	66	-	-	583	
RHODE ISLAND-----	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	53	
SOUTH CAROLINA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-	446	
SOUTH DAKOTA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	77	-	76	-	-	-	-	-	429	
TENNESSEE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	33	-	-	-	-	-	7	-	253	
TEXAS-----	-	27	-	-	-	6	-	-	-	-	-	-	-	590	-	26	-	8	56	-	-	1,810	
UTAH-----	-	10	-	-	-	-	-	-	-	-	-	1	-	213	-	-	-	-	-	-	-	417	
VERMONT-----	-	1	-	-	-	-	-	-	-	-	-	278	-	259	-	-	-	-	-	-	-	565	
WASHINGTON-----	-	115	-	-	-	-	-	-	-	-	-	76	-	304	-	66	-	-	-	105	-	976	
WEST VIRGINIA-----	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	2	
WISCONSIN-----	-	11	-	-	-	-	-	-	-	-	-	53	-	63	-	15	-	-	-	-	-	172	
WYOMING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	196	
TOTAL-----	18,000	2,603	-	-	-	11	-	-	-	-	-	2,485	6,000	13,752	-	487	-	38	6,000	973	30,000	30,575	

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, 2007

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
SURFACE MINES:																	
OPEN PIT:																	
BELTMAN/BOOM OPR.-----	-	-	-	5	5	5	1	6	-	-	-	193	193	193	-	39	39
BULLDOZER/MOBILE EQUIP.-----	-	-	1	81	82	82	29	111	-	-	75	2,856	2,931	2,931	75	35	36
CAR DUMP/GRIZZLY/SCREEN-----	-	-	-	1	1	1	2	3	-	-	-	14	14	14	-	14	14
DRAG/CRANE/SHOVEL OPR.-----	-	1	-	13	14	14	5	19	6,000	-	-	311	6,311	6,311	-	24	451
DREDGE/BARGE/BOAT-----	-	-	-	3	3	3	1	4	-	-	-	62	62	62	-	21	21
DRI LL OPERATOR-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
ELECTRICIAN-----	-	-	-	2	2	2	1	3	-	-	-	261	261	261	-	130	130
FRONT END LOADER-----	-	-	1	56	57	57	24	81	-	-	50	2,223	2,273	2,273	50	40	40
LABORER-----	-	-	2	106	108	108	33	141	-	-	135	3,879	4,014	4,014	68	37	37
MECHANIC/MAINTENANCE-----	-	-	3	96	99	99	47	146	-	-	595	2,867	3,462	3,462	198	30	35
MINER-----	-	-	-	23	23	23	12	35	-	-	-	607	607	607	-	26	26
PREP. PLANT OPR.-----	1	-	2	48	50	51	29	80	6,000	-	135	2,338	2,473	8,473	68	49	166
RAIL TRANSP. AND HAUL.-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
SUPERVISOR/FOREMAN-----	1	-	2	41	43	44	35	79	6,000	-	150	1,627	1,777	7,777	75	40	177
TECH./PROF./CLERICAL-----	-	-	-	7	7	7	1	8	-	-	-	310	310	310	-	44	44
TRUCK DRIVER-----	-	-	-	30	30	30	13	43	-	-	-	797	797	797	-	27	27
WELDER/MACHINIST-----	-	-	-	18	18	18	7	25	-	-	-	661	661	661	-	37	37
TOTAL OR AVERAGE-----	2	1	11	531	543	545	242	787	12,000	6,000	1,140	19,016	26,156	38,156	104	36	70
DREDGE:																	
BELTMAN/BOOM OPR.-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
BULLDOZER/MOBILE EQUIP.-----	-	-	-	13	13	13	1	14	-	-	-	614	614	614	-	47	47
CAR DUMP/GRIZZLY/SCREEN-----	-	-	-	1	1	1	-	1	-	-	-	37	37	37	-	37	37
DRAG/CRANE/SHOVEL OPR.-----	-	-	-	1	1	1	2	3	-	-	-	12	12	12	-	12	12
DREDGE/BARGE/BOAT-----	1	-	-	26	26	27	14	41	6,000	-	-	1,208	1,208	7,208	-	46	267
ELECTRICIAN-----	-	-	-	1	1	1	-	1	-	-	-	56	56	56	-	56	56
FRONT END LOADER-----	-	-	-	4	4	5	3	8	6,000	-	-	33	33	6,033	-	8	1,207
LABORER-----	1	-	-	20	20	21	9	30	6,000	-	-	989	989	6,989	-	49	333
MECHANIC/MAINTENANCE-----	-	-	-	21	21	21	13	34	-	-	-	423	423	423	-	20	20
MINER-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
MINING MACH. OPR.-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
PREP. PLANT OPR.-----	-	-	-	12	12	12	7	19	-	-	-	160	160	160	-	13	13
SUPERVISOR/FOREMAN-----	-	-	1	4	5	5	6	11	-	-	75	285	360	360	75	71	72
TECH./PROF./CLERICAL-----	-	-	-	3	3	3	3	3	-	-	-	-	-	-	-	-	-
TRUCK DRIVER-----	-	-	-	3	3	3	-	3	-	-	-	15	15	15	-	5	5
WELDER/MACHINIST-----	-	-	-	4	4	4	1	5	-	-	-	362	362	362	-	90	90
N. E. C. OR UNKNOWN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	3	-	1	113	114	117	60	177	18,000	-	75	4,209	4,284	22,284	75	37	190

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, 2007 (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.-----	-	-	-	6	6	6	1	7	-	-	-	200	200	200	-	33	33
BULLDOZER/MOBILE EQUIP.---	-	-	1	94	95	95	30	125	-	-	75	3,470	3,545	3,545	75	37	37
CAR DUMP/GRIZZLY/SCREEN---	-	-	-	2	2	2	2	4	-	-	-	51	51	51	-	26	26
DRAG/CRAVE/SHOVEL OPR.---	-	1	-	14	15	15	7	22	-	-	-	323	6,323	6,323	-	23	422
DREDGE/BARGE/BOAT-----	1	-	-	29	29	30	15	45	6,000	6,000	-	1,270	1,270	1,270	-	44	242
DRI LL OPERATOR-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
ELECTRICIAN-----	-	-	-	3	3	3	1	4	-	-	-	317	317	317	-	106	106
FRONT END LOADER-----	1	-	1	60	61	62	27	89	6,000	-	50	2,256	2,306	8,306	50	38	134
LABORER-----	1	-	2	126	128	129	42	171	6,000	-	135	4,868	5,003	11,003	68	39	85
MECHANIC/MAINTENANCE---	-	-	3	117	120	120	60	180	-	-	595	3,290	3,885	3,885	198	28	32
MINE R-----	-	-	-	24	24	24	12	36	-	-	-	608	608	608	-	25	25
MINING MACH. OPR.-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
PREP. PLANT OPR.-----	1	-	2	60	62	63	36	99	6,000	-	135	2,498	2,633	8,633	68	42	137
RAIL TRANSP. AND HAUL.---	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
SUPERVISOR/FOREMAN-----	1	-	3	45	48	49	41	90	6,000	-	225	1,912	2,137	8,137	75	42	166
TECH./PROF./CLERICAL---	-	-	-	7	7	7	4	11	-	-	-	310	310	310	-	44	44
TRUCK DRIVER-----	-	-	-	33	33	33	13	46	-	-	-	812	812	812	-	25	25
WELDER/MACHINIST-----	-	-	-	22	22	22	8	30	-	-	-	1,023	1,023	1,023	-	46	46
N. E. C. OR UNKNOWN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	5	1	12	644	657	662	302	964	30,000	6,000	1,215	23,225	30,440	60,440	101	36	91
OFFICE:																	
LABORER-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
MECHANIC/MAINTENANCE---	-	-	-	1	1	1	-	2	-	-	-	5	5	5	-	5	5
PREP. PLANT OPR.-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TECH./PROF./CLERICAL---	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
TRUCK DRIVER-----	-	-	-	1	1	1	-	1	-	-	-	63	63	63	-	63	63
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	-	1	-	-	-	66	66	66	-	66	66
TOTAL OR AVERAGE-----	-	-	-	4	4	4	6	10	-	-	-	135	135	135	-	34	34

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, 2007 (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:-----	5	1	12	648	661	666	308	974	30,000	6,000	1,215	23,360	30,575	60,575	101	36	91
BELTMAN/BOOM OPR.-----	-	-	-	6	6	6	1	7	-	-	-	200	200	200	-	33	33
BULLDOZER/MOBILE EQUIP.---	-	-	1	94	95	95	30	125	-	-	75	3,470	3,545	3,545	75	37	37
CAR DUMP/GRIZZLY/SCREEN---	-	-	-	2	2	2	2	4	-	-	-	51	51	51	-	26	26
DRAG/CRANE/SHOVEL OPR.---	-	1	-	14	15	15	7	22	-	6,000	-	323	6,323	6,323	-	23	422
DREDGE/BARGE/BOAT-----	1	-	-	29	29	30	15	45	6,000	-	-	1,270	1,270	7,270	-	44	242
DRI LL OPERATOR-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
ELECTRICIAN-----	-	-	-	3	3	3	1	4	-	-	-	317	317	317	-	106	106
FRONT END LOADER-----	1	-	1	60	61	62	27	89	6,000	-	50	2,256	2,306	8,306	50	38	134
LABORER-----	1	-	2	127	129	130	43	173	6,000	-	135	4,869	5,004	11,004	68	38	85
MECHANIC/MAINTENANCE---	-	-	3	118	121	121	61	182	-	-	595	3,295	3,890	3,890	198	28	32
MINER-----	-	-	-	24	24	24	12	36	-	-	-	608	608	608	-	25	25
MINING MACH. OPR.-----	-	-	-	1	1	1	-	1	-	-	-	7	7	7	-	7	7
PREP. PLANT OPR.-----	1	-	2	60	62	63	37	100	6,000	-	135	2,498	2,633	8,633	68	42	137
RAIL TRANSP. AND HAUL.---	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
SUPERVISOR/FOREMAN-----	1	-	3	45	48	49	41	90	6,000	-	225	1,912	2,137	8,137	75	42	166
TECH./PROF./CLERICAL---	-	-	-	7	7	7	7	14	-	-	-	310	310	310	-	44	44
TRUCK DRIVER-----	-	-	-	34	34	34	13	47	-	-	-	875	875	875	-	26	26
WELDER/MACHINIST-----	-	-	-	22	22	22	8	30	-	-	-	1,023	1,023	1,023	-	46	46
N. E. C. OR UNKNOWN-----	-	-	-	1	1	1	1	2	-	-	-	66	66	66	-	66	66

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, 2007

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY		
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL				
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
ELECTRICAL-----	-	-	-	3	3	3	-	3	-	-	-	16	16	16	-	5	5
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	5	5	5	1	6	-	-	-	80	80	80	-	16	16
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	1	1	1	3	4	-	-	-	25	25	25	-	25	25
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82
FIRE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL-----	-	-	4	184	188	188	77	265	-	-	285	5,598	5,883	5,883	71	30	31
HAND TOOL-----	-	-	1	74	75	75	50	125	-	-	75	1,965	2,040	2,040	75	27	27
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
POWERED HAULAGE-----	1	-	3	60	63	64	17	81	6,000	-	230	2,293	2,523	8,523	77	38	133
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	3	3	3	-	3	-	-	-	11	11	11	-	4	4
MACHINERY-----	-	-	2	40	42	42	40	82	-	-	475	1,687	2,162	2,162	238	42	51
SLIP OR FALL OF PERSON-----	1	1	1	134	136	137	31	168	6,000	6,000	75	6,167	12,242	18,242	75	46	133
STEPPING OR KNEELING ON OBJECT-----	-	-	-	5	5	5	-	5	-	-	-	175	175	175	-	35	35
STRIKING OR BUMPING-----	-	-	-	3	3	3	4	7	-	-	-	38	38	38	-	13	13
OTHER INJURIES-----	-	-	-	18	18	18	17	35	-	-	-	879	879	879	-	49	49
TOTAL OR AVERAGE-----	2	1	11	531	543	545	242	787	12,000	6,000	1,140	19,016	26,156	38,156	104	36	70
DREDGE:																	
HANDLING MATERIAL-----	-	-	-	46	46	46	25	71	-	-	-	1,707	1,707	1,707	-	37	37
HAND TOOL-----	-	-	1	12	13	13	8	21	-	-	75	317	392	392	75	26	30
POWERED HAULAGE-----	2	-	-	6	6	8	2	10	12,000	-	-	80	80	12,080	-	13	1,510
MACHINERY-----	-	-	-	8	8	8	13	21	-	-	-	323	323	323	-	40	40
SLIP OR FALL OF PERSON-----	-	-	-	34	34	34	7	41	-	-	-	1,442	1,442	1,442	-	42	42
STEPPING OR KNEELING ON OBJECT-----	-	-	-	4	4	4	-	4	-	-	-	312	312	312	-	78	78
OTHER INJURIES-----	1	-	-	3	3	4	5	9	6,000	-	-	28	28	6,028	-	9	1,507
TOTAL OR AVERAGE-----	3	-	1	113	114	117	60	177	18,000	-	75	4,209	4,284	22,284	75	37	190

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, 2007 (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	-	3	-	-	-	16	16	16	-	5	5
ELECTRICAL-----	-	-	-	3	3	3	-	3	-	-	-	16	16	16	-	5	5
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	5	5	5	1	6	-	-	-	80	80	80	-	16	16
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	1	1	1	3	4	-	-	-	25	25	25	-	25	25
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82
FIRE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL-----	-	-	4	230	234	234	102	336	-	-	285	7,305	7,590	7,590	71	32	32
HAND TOOL-----	-	-	2	86	88	88	58	146	-	-	150	2,282	2,432	2,432	75	27	28
NONPOWERED HAULAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWERED HAULAGE-----	3	-	3	66	69	72	19	91	18,000	-	230	2,373	2,603	20,603	77	36	286
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	3	3	3	-	3	-	-	-	11	11	11	-	4	4
MACHINERY-----	-	-	2	48	50	50	53	103	-	-	475	2,010	2,485	2,485	238	42	50
SLIP OR FALL OF PERSON-----	1	1	1	168	170	171	38	209	6,000	6,000	75	7,609	13,684	19,684	75	45	115
STEPPING OR KNEELING ON OBJECT-----	-	-	-	9	9	9	-	9	-	-	-	487	487	487	-	54	54
STRIKING OR BUMPING-----	-	-	-	3	3	3	4	7	-	-	-	38	38	38	-	13	13
OTHER INJURIES-----	1	-	-	21	21	22	22	44	6,000	-	-	907	907	6,907	-	43	314
TOTAL OR AVERAGE-----	5	1	12	644	657	662	302	964	30,000	6,000	1,215	23,225	30,440	60,440	101	36	91
OFFICE:	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
HANDLING MATERIAL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HAND TOOL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLIP OR FALL OF PERSON-----	-	-	-	2	2	2	2	4	-	-	-	68	68	68	-	34	34
OTHER INJURIES-----	-	-	-	1	1	1	2	3	-	-	-	66	66	66	-	66	66
TOTAL OR AVERAGE-----	-	-	-	4	4	4	6	10	-	-	-	135	135	135	-	34	34

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, 2007 (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	-	3	-	-	-	16	16	16	-	5	5
ELECTRICAL-----	-	-	-	3	3	3	-	3	-	-	-	16	16	16	-	5	5
EXPLODING VESSEL UNDER PRESSURE-----	-	-	-	5	5	5	1	6	-	-	-	80	80	80	-	16	16
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	1	1	1	3	4	-	-	-	25	25	25	-	25	25
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82
FIRE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL-----	-	-	4	231	235	235	103	338	-	-	285	7,306	7,591	7,591	71	32	32
HAND TOOL-----	-	-	2	86	88	88	59	147	-	-	150	2,282	2,432	2,432	75	27	28
NONPOWERED HAULAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWERED HAULAGE-----	3	-	3	66	69	72	19	91	18,000	-	230	2,373	2,603	20,603	77	36	286
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	3	3	3	-	3	-	-	-	11	11	11	-	4	4
MACHINERY-----	-	-	2	48	50	50	53	103	-	-	475	2,010	2,485	2,485	238	42	50
SLIP OR FALL OF PERSON-----	1	1	1	170	172	173	40	213	6,000	6,000	75	7,677	13,752	19,752	75	45	114
STEPPING OR KNEELING ON OBJECT-----	-	-	-	9	9	9	-	9	-	-	-	487	487	487	-	54	54
STRIKING OR BUMPING-----	-	-	-	3	3	3	4	7	-	-	-	38	38	38	-	13	13
OTHER INJURIES-----	1	-	-	22	22	23	24	47	6,000	-	-	973	973	6,973	-	44	303
TOTAL OR AVERAGE-----	5	1	12	648	661	666	308	974	30,000	6,000	1,215	23,360	30,575	60,575	101	36	91

TABLE 15. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ELECTRICAL:																	
EYE-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
HAND-----	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12
MULTIPLE PARTS OF BODY----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	16	16	16	-	5	5
EXPLODING VESSEL UNDER PRESSURE:																	
FACE, NEC-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
HAND-----	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-
LOWER EXTREMITIES, NEC----	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
BODY SYSTEMS-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
MULTIPLE PARTS OF BODY----	-	-	-	2	2	2	-	2	-	-	-	43	43	43	-	22	22
TOTAL OR AVERAGE-----	-	-	-	5	5	5	1	6	-	-	-	80	80	80	-	16	16
FALLING, ROLLING, OR SLIDING MATERIAL:																	
HEAD, NEC-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	-	25	25	25	-	25	25
FALL OF FACE, RIB, SIDE OR HIGHWALL:																	
MULTIPLE PARTS OF BODY----	-	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82
FIRE:																	
BODY SYSTEMS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-

TABLE 15. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (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
HANDLING MATERIAL:																	
EYE-----	-	-	-	4	4	4	10	14	-	-	-	6	6	6	-	2	2
JAW-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
SCALP-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	1	1	1	3	4	-	-	-	11	11	11	-	11	11
HEAD, NEC-----	-	-	-	2	2	2	6	8	-	-	-	5	5	5	-	2	2
NECK-----	-	-	-	1	1	1	2	3	-	-	-	16	16	16	-	16	16
UPPER ARM-----	-	-	-	3	3	3	1	3	-	-	-	104	104	104	-	35	35
ELBOW-----	-	-	-	2	2	2	5	7	-	-	-	276	276	276	-	138	138
FOREARM-----	-	-	-	3	3	3	1	4	-	-	-	56	56	56	-	19	19
WRIST-----	-	-	-	3	3	3	2	5	-	-	-	25	25	25	-	8	8
HAND-----	-	-	-	12	12	12	8	20	-	-	-	137	137	137	-	11	11
FINGER(S)-----	-	-	4	50	54	54	43	97	-	-	285	866	1,151	1,151	71	17	21
UPPER EXTREMITIES, NEC-----	-	-	-	2	2	2	2	4	-	-	-	256	256	256	-	128	128
ABDOMEN-----	-	-	-	3	3	3	-	3	-	-	-	103	103	103	-	34	34
BACK-----	-	-	-	72	72	72	9	81	-	-	-	2,954	2,954	2,954	-	41	41
CHEST-----	-	-	-	6	6	6	1	7	-	-	-	96	96	96	-	16	16
PELVIC REGION-----	-	-	-	10	10	10	-	10	-	-	-	304	304	304	-	30	30
SHOULDER(S)-----	-	-	-	14	14	14	1	15	-	-	-	874	874	874	-	62	62
TRUNK, NEC-----	-	-	-	2	2	2	2	4	-	-	-	210	210	210	-	105	105
KNEE-----	-	-	-	13	13	13	2	15	-	-	-	412	412	412	-	32	32
LOWER LEG-----	-	-	-	4	4	4	-	4	-	-	-	42	42	42	-	10	10
ANKLE-----	-	-	-	5	5	5	1	6	-	-	-	65	65	65	-	13	13
FOOT-----	-	-	-	5	5	5	-	5	-	-	-	129	129	129	-	26	26
TOE(S)-----	-	-	-	4	4	4	1	5	-	-	-	40	40	40	-	10	10
LOWER EXTREMITIES, NEC-----	-	-	-	3	3	3	-	3	-	-	-	100	100	100	-	33	33
MULTIPLE PARTS OF BODY-----	-	-	-	7	7	7	-	7	-	-	-	219	219	219	-	31	31
TOTAL OR AVERAGE-----	-	-	4	231	235	235	103	338	-	-	285	7,306	7,591	7,591	71	32	32

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, 2007 (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
HAND TOOL:																	
EYE-----	-	-	-	4	4	4	3	7	-	-	-	87	87	87	-	22	22
JAW-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
NOSE-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	17	17
FACE, NEC-----	-	-	-	2	2	2	1	3	-	-	-	28	28	28	-	14	14
HEAD, NEC-----	-	-	-	1	1	1	2	3	-	-	-	5	5	5	-	5	5
NECK-----	-	-	-	2	2	2	1	3	-	-	-	216	216	216	-	108	108
UPPER ARM-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ELBOW-----	-	-	-	2	2	2	-	2	-	-	-	12	12	12	-	6	6
FOREARM-----	-	-	-	3	3	3	3	6	-	-	-	52	52	52	-	17	17
WRIST-----	-	-	-	3	3	3	2	5	-	-	-	39	39	39	-	13	13
HAND-----	-	-	-	5	5	5	6	11	-	-	-	33	33	33	-	7	7
FINGER(S)-----	-	-	2	27	29	29	26	55	-	-	150	495	645	645	75	18	22
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ABDOMEN-----	-	-	-	1	1	1	2	3	-	-	-	34	34	34	-	34	34
BACK-----	-	-	-	9	9	9	1	10	-	-	-	370	370	370	-	41	41
CHEST-----	-	-	-	3	3	3	1	4	-	-	-	11	11	11	-	4	4
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
SHOULDER(S)-----	-	-	-	3	3	3	-	3	-	-	-	162	162	162	-	54	54
THIGH-----	-	-	-	2	2	2	4	6	-	-	-	3	3	3	-	2	2
KNEE-----	-	-	-	4	4	4	1	5	-	-	-	106	106	106	-	26	26
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	-	10	10	10	-	10	10
ANKLE-----	-	-	-	2	2	2	-	2	-	-	-	8	8	8	-	4	4
FOOT-----	-	-	-	2	2	2	-	2	-	-	-	76	76	76	-	38	38
LOWER EXTREMITIES, NEC-----	-	-	-	4	4	4	-	4	-	-	-	190	190	190	-	48	48
MULTIPLE PARTS OF BODY-----	-	-	-	4	4	4	-	4	-	-	-	307	307	307	-	77	77
TOTAL OR AVERAGE-----	-	-	2	86	88	88	59	147	-	-	150	2,282	2,432	2,432	75	27	28
NONPOWERED HAULAGE:																	
MULTIPLE PARTS OF BODY-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-

TABLE 15. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND PART OF BODY INJURED AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS						AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL				TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY	TOTAL NFDL					
		TOTAL	PARTIAL							TOTAL	PARTIAL							
POWERED HAULAGE:																		
EYE-----	-	-	-	2	2	2	4	6	-	-	-	7	7	7	-	4	4	
HEAD, NEC-----	-	-	-	2	2	2	3	5	-	-	-	4	4	4	-	2	2	
NECK-----	-	-	-	5	5	5	-	5	-	-	-	47	47	47	-	9	9	
FOREARM-----	-	-	-	2	2	2	-	2	-	-	-	63	63	63	-	32	32	
WRIST-----	-	-	-	3	3	3	-	3	-	-	-	273	273	273	-	91	91	
HAND-----	-	-	-	4	4	4	-	4	-	-	-	213	213	213	-	53	53	
FINGER(S)-----	-	-	3	5	8	8	4	12	-	-	230	50	280	280	77	10	35	
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	204	204	204	-	204	204	
BACK-----	-	-	-	14	14	14	3	17	-	-	-	594	594	594	-	42	42	
CHEST-----	1	-	-	4	4	5	-	5	6,000	-	-	50	50	6,050	-	12	1,210	
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8	
SHOULDER(S)-----	-	-	-	6	6	6	2	8	-	-	-	261	261	261	-	44	44	
THIGH-----	-	-	-	2	2	2	-	2	-	-	-	33	33	33	-	16	16	
LOWER LEG-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5	
FOOT-----	-	-	-	4	4	4	-	4	-	-	-	387	387	387	-	97	97	
TOE(S)-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25	
LOWER EXTREMITIES, NEC-----	-	-	-	2	2	2	2	4	-	-	-	17	17	17	-	8	8	
BODY SYSTEMS-----	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000	
MULTIPLE PARTS OF BODY-----	-	-	-	7	7	7	1	8	-	-	-	132	132	132	-	19	19	
TOTAL OR AVERAGE-----	3	-	3	66	69	72	19	91	18,000	-	230	2,373	2,603	20,603	77	36	286	
IGNITION OR EXPLOSION OF GAS OR DUST:																		
HAND-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1	
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6	
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	4	4	4	-	4	4	
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	11	11	11	-	4	4	

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, 2007 (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						
MACHINERY:																	
EAR-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	
EYE-----	-	-	-	10	10	10	19	29	-	-	24	24	24	-	2	2	
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
SCALP-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
FACE, NEC-----	-	-	1	1	1	1	-	1	-	-	2	2	2	-	2	2	
HEAD, NEC-----	-	-	1	1	1	1	1	2	-	-	325	325	325	-	325	325	
UPPER ARM-----	-	-	1	1	1	1	-	1	-	-	8	8	8	-	8	8	
FOREARM-----	-	-	1	1	1	1	-	1	-	-	5	5	5	-	5	5	
WRIST-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
HAND-----	-	-	-	2	2	2	3	5	-	-	3	3	3	-	2	2	
FINGER(S)-----	-	-	2	8	10	10	13	23	-	475	197	672	672	238	25	67	
UPPER EXTREMITIES, NEC-----	-	-	1	1	1	1	1	2	-	-	14	14	14	-	14	14	
ABDOMEN-----	-	-	1	1	1	1	2	3	-	-	3	3	3	-	3	3	
BACK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
CHEST-----	-	-	2	2	2	2	-	2	-	-	86	86	86	-	43	43	
PELVIC REGION-----	-	-	1	1	1	1	1	2	-	-	1	1	1	-	1	1	
SHOULDER(S)-----	-	-	2	2	2	2	2	4	-	-	111	111	111	-	56	56	
TRUNK, NEC-----	-	-	3	3	3	3	-	3	-	-	58	58	58	-	19	19	
THIGH-----	-	-	2	2	2	2	-	2	-	-	171	171	171	-	86	86	
KNEE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
ANKLE-----	-	-	2	2	2	2	-	2	-	-	93	93	93	-	46	46	
FOOT-----	-	-	3	3	3	3	2	5	-	-	315	315	315	-	105	105	
TOE(S)-----	-	-	1	1	1	1	1	2	-	-	25	25	25	-	25	25	
LOWER EXTREMITIES, NEC-----	-	-	2	2	2	2	-	2	-	-	13	13	13	-	6	6	
MULTIPLE PARTS OF BODY-----	-	-	4	4	4	4	-	4	-	-	556	556	556	-	139	139	
TOTAL OR AVERAGE-----	-	-	2	48	50	50	53	103	-	-	475	2,010	2,485	238	42	50	

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, 2007 (CONTINUED)

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SLIP OR FALL OF PERSON:																	
EYE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	1	1	1	-	1	-	-	-	6	6	6	-	6	6
HEAD, NEC-----	-	-	-	2	2	2	5	7	-	-	-	32	32	32	-	16	16
NECK-----	-	-	-	2	2	2	-	2	-	-	-	6	6	6	-	3	3
ELBOW-----	-	-	-	6	6	6	1	7	-	-	-	487	487	487	-	81	81
FOREARM-----	-	-	-	1	1	1	1	2	-	-	-	2	2	2	-	2	2
WRIST-----	-	-	-	2	2	2	4	6	-	-	-	77	77	77	-	38	38
HAND-----	-	-	-	2	3	3	4	6	-	-	-	90	90	90	-	45	45
FINGER(S)-----	-	-	1	2	3	3	1	4	-	-	75	18	93	93	75	9	31
UPPER EXTREMITIES, NEC-----	-	-	-	1	1	1	-	1	-	-	-	63	63	63	-	63	63
ABDOMEN-----	-	-	-	1	1	1	-	1	-	-	-	53	53	53	-	53	53
BACK-----	-	1	-	24	25	25	3	28	-	6,000	-	856	6,856	6,856	-	36	274
CHEST-----	-	-	-	14	14	14	-	14	-	-	-	684	684	684	-	49	49
PELVIC REGION-----	-	-	-	8	8	8	1	9	-	-	-	259	259	259	-	32	32
SHOULDER(S)-----	-	-	-	13	13	13	6	19	-	-	-	1,397	1,397	1,397	-	107	107
TRUNK, NEC-----	-	-	-	3	3	3	-	3	-	-	-	41	41	41	-	14	14
THIGH-----	-	-	-	3	3	3	-	3	-	-	-	213	213	213	-	71	71
KNEE-----	-	-	-	32	32	32	3	35	-	-	-	1,344	1,344	1,344	-	42	42
LOWER LEG-----	-	-	-	4	4	4	1	5	-	-	-	132	132	132	-	33	33
ANKLE-----	-	-	-	19	19	19	2	21	-	-	-	861	861	861	-	45	45
FOOT-----	-	-	-	6	6	6	2	8	-	-	-	102	102	102	-	17	17
LOWER EXTREMITIES, NEC-----	-	-	-	8	8	8	2	10	-	-	-	304	304	304	-	38	38
MULTIPLE PARTS OF BODY-----	1	-	-	15	15	16	3	19	6,000	-	-	649	649	6,649	-	43	416
TOTAL OR AVERAGE-----	1	1	1	170	172	173	40	213	6,000	6,000	75	7,677	13,752	19,752	75	45	114
STEPPING OR KNEELING ON OBJECT:																	
KNEE-----	-	-	-	2	2	2	-	2	-	-	-	284	284	284	-	142	142
ANKLE-----	-	-	-	5	5	5	-	5	-	-	-	179	179	179	-	36	36
LOWER EXTREMITIES, NEC-----	-	-	-	2	2	2	-	2	-	-	-	24	24	24	-	12	12
TOTAL OR AVERAGE-----	-	-	-	9	9	9	-	9	-	-	-	487	487	487	-	54	54
STRIKING OR BUMPING:																	
SCALP-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NECK-----	-	-	-	2	2	2	1	2	-	-	-	30	30	30	-	15	15
BACK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
FOOT-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	3	3	3	4	7	-	-	-	38	38	38	-	13	13

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, 2007 (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								
OTHER INJURIES:																			
EYE-----	-	-	-	2	2	2	6	8	-	-	-	3	3	3	-	-	2	2	2
HEAD, NEC-----	-	-	-	1	1	1	1	2	-	-	-	7	7	7	-	-	7	7	7
NECK-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	-	5	5	5
UPPER ARM-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	-	3	3	3
HAND-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
FINGER(S)-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
BACK-----	-	-	-	4	4	4	-	4	-	-	-	39	39	39	-	-	39	39	39
CHEST-----	-	-	-	2	2	2	-	2	-	-	-	34	34	34	-	-	8	8	8
SHOULDER(S)-----	-	-	-	1	1	1	1	2	-	-	-	258	258	258	-	-	129	129	129
KNEE-----	-	-	-	5	5	5	-	5	-	-	-	105	105	105	-	-	105	105	105
LOWER LEG-----	-	-	-	-	-	-	1	1	-	-	-	436	436	436	-	-	87	87	87
ANKLE-----	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
BODY SYSTEMS-----	1	-	-	2	2	3	12	15	6,000	-	-	14	14	14	-	-	14	14	14
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	1	2	-	-	-	3	3	6,003	-	-	2	2	2,001
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	66	66	66	-	-	66	66	66
TOTAL OR AVERAGE-----	1	-	-	22	22	23	24	47	6,000	-	-	973	973	6,973	-	-	44	44	303
TOTAL OR AVERAGE:																			
EAR-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-
EYE-----	-	-	-	24	24	24	42	66	-	-	-	130	130	130	-	-	5	5	5
JAW-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-
MOUTH/TEETH/TONGUE-----	-	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-	-	-
NOSE-----	-	-	-	1	1	1	-	1	-	-	-	17	17	17	-	-	17	17	17
SCALP-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-
FACE, NEC-----	-	-	-	6	6	6	4	10	-	-	-	49	49	49	-	-	8	8	8
HEAD, NEC-----	-	-	-	9	9	9	21	30	-	-	-	378	378	378	-	-	42	42	42
NECK-----	-	-	-	13	13	13	3	16	-	-	-	320	320	320	-	-	25	25	25
UPPER ARM-----	-	-	-	5	5	5	1	6	-	-	-	115	115	115	-	-	23	23	23
ELBOW-----	-	-	-	10	10	10	6	16	-	-	-	775	775	775	-	-	78	78	78
FOREARM-----	-	-	-	10	10	10	5	15	-	-	-	178	178	178	-	-	18	18	18
WRIST-----	-	-	-	11	11	11	9	20	-	-	-	414	414	414	-	-	38	38	38
HAND-----	-	-	-	27	27	27	23	50	-	-	-	489	489	489	-	-	18	18	18
FINGER(S)-----	-	-	12	93	105	105	87	192	-	-	1,215	1,665	2,880	2,880	101	18	18	27	27
UPPER EXTREMITIES, NEC-----	-	-	-	6	6	6	4	10	-	-	-	543	543	543	-	-	90	90	90
ABDOMEN-----	-	-	-	6	6	6	4	10	-	-	-	193	193	193	-	-	32	32	32
BACK-----	-	1	-	123	124	124	18	142	-	6,000	-	4,808	10,808	10,808	-	-	39	87	87
CHEST-----	1	-	-	31	31	32	2	34	6,000	-	-	1,185	7,185	7,185	-	-	38	225	225
PELVIC REGION-----	-	-	-	21	21	21	2	23	-	-	-	593	593	593	-	-	28	28	28
SHOULDER(S)-----	-	-	-	39	39	39	12	51	-	-	-	2,910	2,910	2,910	-	-	75	75	75
TRUNK, NEC-----	-	-	-	8	8	8	2	10	-	-	-	309	309	309	-	-	39	39	39
THIGH-----	-	-	-	9	9	9	4	13	-	-	-	420	420	420	-	-	47	47	47
KNEE-----	-	-	-	58	58	58	7	65	-	-	-	2,615	2,615	2,615	-	-	45	45	45
LOWER LEG-----	-	-	-	10	10	10	3	13	-	-	-	189	189	189	-	-	19	19	19
ANKLE-----	-	-	-	34	34	34	3	37	-	-	-	1,220	1,220	1,220	-	-	36	36	36
FOOT-----	-	-	-	20	20	20	5	25	-	-	-	1,009	1,009	1,009	-	-	50	50	50
TOE(S)-----	-	-	-	6	6	6	2	8	-	-	-	90	90	90	-	-	15	15	15
LOWER EXTREMITIES, NEC-----	-	-	-	22	22	22	4	26	-	-	-	675	675	675	-	-	31	31	31
BODY SYSTEMS-----	3	-	-	3	3	6	13	19	18,000	-	-	11	11	18,011	-	-	4	4	3,002
MULTIPLE PARTS OF BODY-----	1	-	-	43	43	44	7	51	6,000	-	-	2,060	2,060	8,060	-	-	48	48	183
UNCLASSIFIED-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	5	1	12	648	661	666	308	974	30,000	6,000	1,215	23,360	30,575	60,575	101	36	91	91	91

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, 2007

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES							LOST WORKDAYS						AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ELECTRICAL: RADIATION/ULTRA VIOLET----	-	-	-	3	3	3	-	3	-	-	-	16	16	16	-	5	5
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	16	16	16	-	5	5
EXPLODING VESSEL UNDER PRESSURE:																	
BURN/SCALD (NOT CHEM.)----	-	-	-	3	3	3	-	3	-	-	-	40	40	40	-	13	13
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	32	32	32	-	32	32
POISONING (SYSTEMIC)-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
TOTAL OR AVERAGE-----	-	-	-	5	5	5	1	6	-	-	-	80	80	80	-	16	16
FALLING, ROLLING, OR SLIDING MATERIAL: CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	25	25	25	-	25	25
CUT OR PUNCTURE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	3	4	-	-	-	25	25	25	-	25	25
FALL OF FACE, RIB, SIDE OR HIGHWALL: CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	82	82	82	-	82	82
FIRE: ASPHYXIATION/DROWNING----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL:																	
AMPUTATION/ENUCLEATION----	-	-	4	-	4	4	-	4	-	-	285	-	285	285	71	-	71
BURN/SCALD (NOT CHEM.)----	-	-	-	4	4	4	1	5	-	-	-	25	25	25	-	6	6
CHEMICAL BURN-----	-	-	-	3	3	3	2	5	-	-	-	30	30	30	-	10	10
CONCUSSION (CEREBRAL)-----	-	-	-	1	1	1	-	1	-	-	-	2	2	2	-	2	2
CONTUSION OR BRUISE-----	-	-	-	30	30	30	11	41	-	-	-	564	564	564	-	19	19
CUT OR PUNCTURE-----	-	-	-	30	30	30	55	85	-	-	-	320	320	320	-	11	11
DUST IN EYE-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	22	22	22	6	28	-	-	-	695	695	695	-	32	32
HERNIA (NOT DISC)-----	-	-	-	7	7	7	-	7	-	-	-	232	232	232	-	33	33
SCRATCH/ABRASION-----	-	-	-	3	3	3	-	3	-	-	-	34	34	34	-	11	11
STRAIN/SPRAIN-----	-	-	-	108	108	108	19	127	-	-	-	4,403	4,403	4,403	-	41	41
MULTIPLE INJURIES-----	-	-	-	4	4	4	2	6	-	-	-	43	43	43	-	11	11
OTHER INJURY, NEC-----	-	-	-	1	1	1	1	2	-	-	-	4	4	4	-	4	4
UNCLASSIFIED (NO DATA)----	-	-	-	18	18	18	3	21	-	-	-	954	954	954	-	53	53
TOTAL OR AVERAGE-----	-	-	4	231	235	235	103	338	-	-	285	7,306	7,591	7,591	71	32	32

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, 2007 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
HAND TOOL:																	
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	150	-	150	150	75	-	75
BURN/SCALD (NOT CHEM.)-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
CONCUSSION (CEREBRAL)-----	-	-	-	-	1	1	-	1	-	-	-	5	5	5	-	5	5
CONTUSION OR BRUISE-----	-	-	-	15	15	15	5	20	-	-	153	153	153	-	10	10	
CUT OR PUNCTURE-----	-	-	-	34	34	34	42	76	-	-	378	378	378	-	11	11	
DUST IN EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	13	13	13	7	20	-	-	612	612	612	-	47	47	
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	21	21	21	-	21	21	
SCRATCH/ABRASION-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1	
STRAIN/SPRAIN-----	-	-	-	14	14	14	2	16	-	-	561	561	561	-	40	40	
MULTIPLE INJURIES-----	-	-	-	2	2	2	1	3	-	-	9	9	9	-	4	4	
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	211	211	211	-	211	211	
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	-	3	-	-	330	330	330	-	110	110	
TOTAL OR AVERAGE-----	-	-	2	86	88	88	59	147	-	-	150	2,282	2,432	2,432	75	27	28
NONPOWERED HAULAGE:																	
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
POWERED HAULAGE:																	
AMPUTATION/ENUCLEATION-----	-	-	3	-	3	3	-	3	-	-	230	-	230	230	77	-	77
ASPHYXIATION/DROWNING-----	2	-	-	-	-	2	-	2	12,000	-	-	-	-	12,000	-	-	6,000
CHEMICAL BURN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CONTUSION OR BRUISE-----	1	-	-	14	14	15	1	16	6,000	-	779	779	6,779	-	56	452	
CUT OR PUNCTURE-----	-	-	-	3	3	3	9	12	-	-	35	35	35	-	12	12	
DUST IN EYE-----	-	-	-	2	2	2	1	3	-	-	7	7	7	-	4	4	
FRACTURE-----	-	-	-	13	13	13	1	14	-	-	442	442	442	-	34	34	
SCRATCH/ABRASION-----	-	-	-	1	1	1	-	1	-	-	147	147	147	-	147	147	
STRAIN/SPRAIN-----	-	-	-	22	22	22	4	26	-	-	654	654	654	-	30	30	
MULTIPLE INJURIES-----	-	-	-	2	2	2	-	2	-	-	27	27	27	-	14	14	
UNCLASSIFIED (NO DATA)-----	-	-	-	9	9	9	2	11	-	-	282	282	282	-	31	31	
TOTAL OR AVERAGE-----	3	-	3	66	69	72	19	91	18,000	-	230	2,373	2,603	20,603	77	36	286
IGNITION OR EXPLOSION OF GAS OR DUST:																	
BURN/SCALD (NOT CHEM.)-----	-	-	-	3	3	3	-	3	-	-	-	11	11	11	-	4	4
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	11	11	11	-	4	4

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, 2007 (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						
MACHINERY:																	
AMPUTATION/ENUCLEATION-----	-	-	2	-	2	2	-	2	-	-	475	-	475	475	238	-	238
BURN/SCALD (NOT CHEM.)-----	-	-	-	7	7	7	7	14	-	-	-	330	330	330	-	47	47
CONTUSION OR BRUISE-----	-	-	-	10	10	10	4	14	-	-	-	662	662	662	-	66	66
CUT OR PUNCTURE-----	-	-	-	12	12	12	25	37	-	-	-	201	201	201	-	17	17
DISLOCATION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DUST IN EYE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRACTURE-----	-	-	-	4	4	4	3	7	-	-	-	308	308	308	-	77	77
RADIATION/ULTRA VIOLET-----	-	-	-	7	7	7	4	11	-	-	-	18	18	18	-	3	3
SCRATCH/ABRASION-----	-	-	-	2	2	2	1	3	-	-	-	4	4	4	-	2	2
STRAIN/SPRAIN-----	-	-	-	4	4	4	2	6	-	-	-	136	136	136	-	34	34
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OTHER INJURY, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	2	2	2	2	4	-	-	-	351	351	351	-	176	176
TOTAL OR AVERAGE-----	-	-	2	48	50	50	53	103	-	-	475	2,010	2,485	2,485	238	42	50
SLIP OR FALL OF PERSON:																	
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	75
CHEMICAL BURN-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CONTUSION OR BRUISE-----	-	-	-	21	21	21	1	22	-	-	-	308	308	308	-	15	15
CUT OR PUNCTURE-----	-	-	-	4	4	4	14	18	-	-	-	66	66	66	-	16	16
DISLOCATION-----	-	-	-	1	1	1	1	2	-	-	-	145	145	145	-	145	145
FRACTURE-----	-	1	-	37	38	38	5	43	-	6,000	-	2,567	8,567	8,567	-	69	225
HERNIA (NOT DISC)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	77	77	77	13	90	-	-	-	3,095	3,095	3,095	-	40	40
MULTIPLE INJURIES-----	-	-	-	10	10	10	1	11	-	-	-	474	474	474	-	47	47
OTHER INJURY, NEC-----	-	-	-	1	1	1	-	1	-	-	-	27	27	27	-	27	27
UNCLASSIFIED (NO DATA)-----	1	-	-	18	18	19	4	23	6,000	-	-	994	994	6,994	-	55	368
TOTAL OR AVERAGE-----	1	1	1	170	172	173	40	213	6,000	6,000	75	7,677	13,752	19,752	75	45	114
STEPPING OR KNEELING ON OBJECT:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	15	15	15	-	15	15
FRACTURE-----	-	-	-	2	2	2	-	2	-	-	-	78	78	78	-	39	39
STRAIN/SPRAIN-----	-	-	-	5	5	5	-	5	-	-	-	385	385	385	-	77	77
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	9	9	9	-	9	9
TOTAL OR AVERAGE-----	-	-	-	9	9	9	-	9	-	-	-	487	487	487	-	54	54
STRIKING OR BUMPING:																	
CONTUSION OR BRUISE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CUT OR PUNCTURE-----	-	-	-	1	1	1	1	2	-	-	-	8	8	8	-	8	8
FRACTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	2	2	2	1	3	-	-	-	30	30	30	-	15	15
TOTAL OR AVERAGE-----	-	-	-	3	3	3	4	7	-	-	-	38	38	38	-	13	13

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, 2007 (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
CONTUSION OR BRUISE-----	-	-	-	3	3	3	2	5	-	-	-	77	77	-	-	26	26
CUT OR PUNCTURE-----	-	-	-	3	3	3	4	7	-	-	-	10	10	-	-	3	3
DISLOCATION-----	-	-	-	1	1	1	-	1	-	-	-	15	15	-	-	15	15
DUST IN EYE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
POISONING (SYSTEMIC)-----	-	-	-	2	2	2	12	14	-	-	-	3	3	-	-	2	2
SCRATCH/ABRASION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	9	9	9	2	11	-	-	-	462	462	-	-	51	51
OTHER INJURY, NEC-----	-	-	-	1	1	1	1	2	-	-	-	251	251	-	-	251	251
UNCLASSIFIED (NO DATA)-----	-	-	-	3	3	3	-	3	-	-	-	155	155	-	-	52	52
TOTAL OR AVERAGE-----	1	-	-	22	22	23	24	47	6,000	-	-	973	973	6,973	-	44	303
TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION-----	-	-	12	-	12	12	-	12	-	-	1,215	-	1,215	1,215	101	-	101
ASPHYXIATION/DROWNING-----	3	-	-	-	-	3	1	4	18,000	-	-	-	-	18,000	-	-	6,000
BURN/SCALD (NOT CHEM.)-----	-	-	-	18	18	18	9	27	-	-	-	407	407	-	-	23	23
CHEMICAL BURN-----	-	-	-	4	4	4	3	7	-	-	-	31	31	-	-	8	8
CONCUSSION (CEREBRAL)-----	-	-	-	2	2	2	-	2	-	-	-	7	7	-	-	4	4
CONTUSION OR BRUISE-----	1	-	-	96	96	97	25	122	6,000	-	-	2,665	2,665	8,665	-	28	89
CUT OR PUNCTURE-----	-	-	-	88	88	88	154	242	-	-	-	1,050	1,050	-	-	12	12
DISLOCATION-----	-	-	-	2	2	2	2	4	-	-	-	160	160	-	-	80	80
DUST IN EYE-----	-	-	-	2	2	2	9	11	-	-	-	7	7	-	-	4	4
FRACTURE-----	-	1	-	91	92	92	23	115	-	6,000	-	4,702	10,702	10,702	-	52	116
HERNIA (NOT DISC)-----	-	-	-	8	8	8	1	9	-	-	-	253	253	-	-	32	32
POISONING (SYSTEMIC)-----	-	-	-	3	3	3	12	15	-	-	-	11	11	-	-	4	4
RADIATION/ULTRAVIOLET-----	-	-	-	10	10	10	4	14	-	-	-	34	34	-	-	3	3
SCRATCH/ABRASION-----	-	-	-	7	7	7	2	9	-	-	-	186	186	-	-	27	27
STRAIN/SPRAIN-----	-	-	-	241	241	241	43	284	-	-	-	9,726	9,726	9,726	-	40	40
MULTIPLE INJURIES-----	-	-	-	19	19	19	6	25	-	-	-	562	562	-	-	30	30
OTHER INJURY, NEC-----	-	-	-	4	4	4	3	7	-	-	-	493	493	-	-	123	123
UNCLASSIFIED (NO DATA)-----	1	-	-	53	53	54	11	65	6,000	-	-	3,066	3,066	9,066	-	58	168
TOTAL OR AVERAGE-----	5	1	12	648	661	666	308	974	30,000	6,000	1,215	23,360	30,575	60,575	101	36	91

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007

WORK LOCATION AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
SURFACE MINES:								
STRIP:								
SAND AND GRAVEL:								
ALABAMA-----	-	1	-	-	-	-	-	1
ALASKA-----	-	-	-	-	1	-	-	1
ARI ZONA-----	-	-	-	-	-	1	-	1
CALI FORNIA-----	-	-	-	-	-	1	-	1
COLORADO-----	-	-	-	-	-	1	-	1
MI CHI GAN-----	-	-	-	-	1	2	-	3
MI NNESOTA-----	-	-	-	-	-	5	-	5
NEW JERSEY-----	-	-	-	-	1	-	-	1
NEW YORK-----	-	-	-	-	-	2	-	2
TEXAS-----	-	1	-	-	-	-	-	1
WASHI NGTON-----	-	-	-	-	-	1	-	1
WI SCONSI N-----	-	-	-	-	-	2	-	2
TOTAL-----	-	2	-	-	3	15	-	20
SURFACE MINES:								
DREDGE:								
SAND AND GRAVEL:								
OKLAHOMA-----	-	-	-	-	1	-	-	1
WASHI NGTON-----	-	-	-	-	1	-	-	1
WEST VI RGI NIA-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	2	1	-	3
TOTAL SURFACE:								
SAND AND GRAVEL:								
ALABAMA-----	-	1	-	-	-	-	-	1
ALASKA-----	-	-	-	-	1	-	-	1
ARI ZONA-----	-	-	-	-	-	1	-	1
CALI FORNIA-----	-	-	-	-	-	1	-	1
COLORADO-----	-	-	-	-	-	1	-	1
MI CHI GAN-----	-	-	-	-	1	2	-	3
MI NNESOTA-----	-	-	-	-	-	5	-	5
NEW JERSEY-----	-	-	-	-	1	-	-	1
NEW YORK-----	-	-	-	-	-	2	-	2
OKLAHOMA-----	-	-	-	-	1	-	-	1
TEXAS-----	-	1	-	-	-	-	-	1
WASHI NGTON-----	-	-	-	-	1	1	-	2
WEST VI RGI NIA-----	-	-	-	-	-	1	-	1
WI SCONSI N-----	-	-	-	-	-	2	-	2
TOTAL-----	-	2	-	-	5	16	-	23

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TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (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 MINING:								
SAND AND GRAVEL:								
ALABAMA-----	-	1	-	-	-	-	-	1
ALASKA-----	-	-	-	-	1	-	-	1
ARIZONA-----	-	-	-	-	-	1	-	1
CALIFORNIA-----	-	-	-	-	-	1	-	1
COLORADO-----	-	-	-	-	-	1	-	1
MICHIGAN-----	-	-	-	-	1	2	-	3
MINNESOTA-----	-	-	-	-	-	5	-	5
NEW JERSEY-----	-	-	-	-	1	-	-	1
NEW YORK-----	-	-	-	-	-	2	-	2
OKLAHOMA-----	-	-	-	-	1	-	-	1
TEXAS-----	-	1	-	-	-	-	-	1
WASHINGTON-----	-	-	-	-	1	1	-	2
WEST VIRGINIA-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	2	-	2
TOTAL-----	-	2	-	-	5	16	-	23
TOTAL, MINES AND PLANTS:								
SAND AND GRAVEL:								
ALABAMA-----	-	1	-	-	-	-	-	1
ALASKA-----	-	-	-	-	1	-	-	1
ARIZONA-----	-	-	-	-	-	1	-	1
CALIFORNIA-----	-	-	-	-	-	1	-	1
COLORADO-----	-	-	-	-	-	1	-	1
MICHIGAN-----	-	-	-	-	1	2	-	3
MINNESOTA-----	-	-	-	-	-	5	-	5
NEW JERSEY-----	-	-	-	-	1	-	-	1
NEW YORK-----	-	-	-	-	-	2	-	2
OKLAHOMA-----	-	-	-	-	1	-	-	1
TEXAS-----	-	1	-	-	-	-	-	1
WASHINGTON-----	-	-	-	-	1	1	-	2
WEST VIRGINIA-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	2	-	2
TOTAL-----	-	2	-	-	5	16	-	23
OFFICE:								
SAND AND GRAVEL:								
MINNESOTA-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	1	-	1
TOTAL-----	-	-	-	-	-	2	-	2

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (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
GRAND TOTAL--CONT:								
GRAND TOTAL:								
SAND AND GRAVEL:								
ALABAMA-----	-	1	-	-	-	-	-	1
ALASKA-----	-	-	-	-	1	-	-	1
ARIZONA-----	-	-	-	-	-	1	-	1
CALIFORNIA-----	-	-	-	-	-	1	-	1
COLORADO-----	-	-	-	-	1	1	-	2
MICHIGAN-----	-	-	-	-	1	2	-	3
MINNESOTA-----	-	-	-	-	-	6	-	6
NEW JERSEY-----	-	-	-	-	1	-	-	1
NEW YORK-----	-	-	-	-	-	2	-	2
OKLAHOMA-----	-	-	-	-	1	-	-	1
TEXAS-----	-	1	-	-	-	-	-	1
WASHINGTON-----	-	-	-	-	1	1	-	2
WEST VIRGINIA-----	-	-	-	-	-	1	-	1
WISCONSIN-----	-	-	-	-	-	3	-	3
TOTAL-----	-	2	-	-	5	18	-	25
TOTAL OR AVERAGE-----	-	2	-	-	5	18	-	25

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, 2007 (OPERATOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED
UNDERGROUND MINES:										
METAL-----	4	.06	211	3.32	132	2.07	347	5.45	6,269	12,729,121
NONMETAL-----	1	.03	120	4.18	53	1.85	174	6.06	2,814	5,740,277
STONE-----	-	-	52	2.05	27	1.06	79	3.11	2,291	5,073,608
TOTAL, UNDERGROUND MINES-	5	.04	383	3.25	212	1.80	600	5.10	11,374	23,543,006
SURFACE MINES:										
METAL-----	2	.01	279	2.06	131	.97	412	3.04	12,755	27,078,971
NONMETAL-----	-	-	84	1.78	32	.68	116	2.45	4,811	9,451,736
STONE-----	6	.02	838	2.43	411	1.19	1,255	3.64	35,422	68,927,958
SUBTOTAL, SURFACE MINES--	8	.02	1,201	2.28	574	1.09	1,783	3.38	52,988	105,458,665
SAND AND GRAVEL-----	5	.01	657	1.97	302	.90	964	2.89	38,182	66,826,618
TOTAL, SURFACE MINES----	13	.02	1,858	2.16	876	1.02	2,747	3.19	91,170	172,285,283
TOTAL, MINES-----	18	.02	2,241	2.29	1,088	1.11	3,347	3.42	102,544	195,828,289
MILLS:										
METAL-----	1	.01	306	2.34	166	1.27	473	3.61	12,280	26,192,750
NONMETAL-----	-	-	304	2.46	144	1.17	448	3.63	11,694	24,690,048
STONE-----	2	.01	982	2.81	504	1.44	1,488	4.26	32,925	69,889,975
TOTAL, MILLS-----	3	(*)	1,592	2.64	814	1.35	2,409	3.99	56,899	120,772,773
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-	-	2	.89	5	2.23	7	3.13	213	447,712
NONMETAL-----	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	8	3.07	4	1.54	12	4.61	273	520,802
TOTAL, SHOPS AND YARDS---	-	-	10	2.07	9	1.86	19	3.92	486	968,514
ALL MINES, MILLS AND SHOPS:										
METAL-----	7	.02	798	2.40	434	1.31	1,239	3.73	31,517	66,448,554
NONMETAL-----	1	.01	508	2.55	229	1.15	738	3.70	19,319	39,882,061
STONE-----	8	.01	1,880	2.60	946	1.31	2,834	3.92	70,911	144,412,343
SUBTOTAL-----	16	.01	3,186	2.54	1,609	1.28	4,811	3.84	121,747	250,742,958
SAND AND GRAVEL-----	5	.01	657	1.97	302	.90	964	2.89	38,182	66,826,618
TOTAL, MINES/MILLS/SHOPS-	21	.01	3,843	2.42	1,911	1.20	5,775	3.64	159,929	317,569,576
OFFICEWORKERS:										
METAL-----	-	-	3	.07	2	.04	5	.11	4,483	9,043,003
NONMETAL-----	-	-	1	.03	4	.12	5	.15	3,545	6,648,748
STONE-----	-	-	14	.13	5	.05	19	.17	11,807	22,096,430
SAND AND GRAVEL-----	-	-	4	.08	6	.12	10	.20	7,579	9,853,821
TOTAL, OFFICEWORKERS----	-	-	22	.09	17	.07	39	.16	27,414	47,642,002
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	7	.02	801	2.12	436	1.16	1,244	3.30	36,000	75,491,557
NONMETAL-----	1	(*)	509	2.19	233	1.00	743	3.19	22,864	46,530,809
STONE-----	8	.01	1,894	2.27	951	1.14	2,853	3.43	82,718	166,508,773
SUBTOTAL-----	16	.01	3,204	2.22	1,620	1.12	4,840	3.35	141,582	288,531,139
SAND AND GRAVEL-----	5	.01	661	1.72	308	.80	974	2.54	45,761	76,680,439
GRAND TOTAL-----	21	.01	3,865	2.12	1,928	1.06	5,814	3.18	187,343	365,211,578

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, 2007 (OPERATOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED	PRODUCTION REPORTED (SHORT TONS)
BITUMINOUS COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	18	.04	2,118	5.02	850	2.02	2,986	7.08	37,743	84,334,300	351,566,178
SURFACE-----	2	.07	140	4.63	72	2.38	214	7.07	2,933	6,052,305	-
TOTAL, UNDERGROUND MINES--	20	.04	2,258	5.00	922	2.04	3,200	7.08	40,676	90,386,605	351,566,178
SURFACE MINES:											
STRIP MINES-----	7	.02	450	1.37	212	.65	669	2.04	28,953	65,502,976	782,765,827
AUGER MINES-----	-	-	25	3.95	7	1.11	32	5.06	779	1,265,912	9,574,398
OTHER SURFACE MINES-----	-	-	4	1.38	-	-	4	1.38	308	578,016	1,151,014
TOTAL, SURFACE MINES-----	7	.02	479	1.42	219	.65	705	2.09	30,040	67,346,904	793,491,239
TOTAL, PRODUCTION MINING--	27	.03	2,737	3.47	1,141	1.45	3,905	4.95	70,716	157,733,509	1,145,057,417
PREPARATION PLANTS-----	1	.01	158	1.70	82	.88	241	2.60	8,166	18,565,671	-
INDEPENDENT SHOPS/YARDS-----	-	-	12	2.43	6	1.21	18	3.64	430	988,900	-
TOTAL, OTHER OPERATIONS---	1	.01	170	1.74	88	.90	259	2.65	8,596	19,554,571	-
TOTAL, BITUMINOUS MINING--	28	.03	2,907	3.28	1,229	1.39	4,164	4.70	79,312	177,288,080	1,145,057,417
PENNSYLVANIA ANTHRACITE COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-	-	2	2.84	-	-	2	2.84	86	140,987	223,756
SURFACE-----	-	-	1	4.49	-	-	1	4.49	28	44,589	-
TOTAL, UNDERGROUND MINES--	-	-	3	3.23	-	-	3	3.23	114	185,576	223,756
SURFACE MINES:											
STRIP MINES-----	-	-	16	4.30	10	2.69	26	6.99	398	744,227	1,340,238
CULM BANK-----	-	-	1	.66	1	.66	2	1.31	174	304,376	4,495
DREDGE-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, SURFACE MINES-----	-	-	17	3.24	11	2.10	28	5.34	572	1,048,603	1,344,733
TOTAL, PRODUCTION MINING--	-	-	20	3.24	11	1.78	31	5.02	686	1,234,179	1,568,489
PREPARATION PLANTS-----	-	-	15	4.21	10	2.81	25	7.02	355	712,321	-
INDEPENDENT SHOPS/YARDS-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OTHER OPERATIONS---	-	-	15	4.21	10	2.81	25	7.02	355	712,321	-
TOTAL, ANTHRACITE MINING--	-	-	35	3.60	21	2.16	56	5.75	1,041	1,946,500	1,568,489
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	18	.04	2,120	5.02	850	2.01	2,988	7.07	37,829	84,475,287	351,789,934
SURFACE-----	2	.07	141	4.63	72	2.36	215	7.05	2,961	6,096,894	-
TOTAL, UNDERGROUND MINES--	20	.04	2,261	4.99	922	2.04	3,203	7.07	40,790	90,572,181	351,789,934
SURFACE MINES:											
STRIP MINES-----	7	.02	466	1.41	222	.67	695	2.10	29,351	66,247,203	784,106,065
AUGER MINES-----	-	-	25	3.95	7	1.11	32	5.06	779	1,265,912	9,574,398
CULM BANK-----	-	-	4	.97	1	.24	5	1.21	442	828,250	847,163
DREDGE-----	-	-	1	3.69	-	-	1	3.69	40	54,142	308,346
TOTAL, SURFACE MINES-----	7	.02	496	1.45	230	.67	733	2.14	30,612	68,395,507	794,835,972
TOTAL, PRODUCTION MINING--	27	.03	2,757	3.47	1,152	1.45	3,936	4.95	71,402	158,967,688	1,146,625,906
PREPARATION PLANTS-----	1	.01	173	1.79	92	.95	266	2.76	8,521	19,277,992	-
INDEPENDENT SHOPS/YARDS-----	-	-	12	2.43	6	1.21	18	3.64	430	988,900	-
TOTAL, OTHER OPERATIONS---	1	.01	185	1.83	98	.97	284	2.80	8,951	20,266,892	-
TOTAL, ALL COAL-----	28	.03	2,942	3.28	1,250	1.39	4,220	4.71	80,353	179,234,580	1,146,625,906
OFFICEWORKERS:											
BITUMINOUS-----	-	-	1	.03	4	.11	5	.14	3,597	7,088,668	-
ANTHRACITE-----	-	-	-	-	-	-	-	-	121	206,181	-
TOTAL, OFFICEWORKERS-----	-	-	1	.03	4	.11	5	.14	3,718	7,294,849	-
GRAND TOTAL-----	28	.03	2,943	3.16	1,254	1.34	4,225	4.53	84,071	186,529,429	1,146,625,906

CONTRACTOR DATA

TABLE REFERENCE GUIDE (SAND AND GRAVEL CONTRACTOR DATA)

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

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

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

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

STUB READINGS	COLUMN READINGS								
	Number of injuries	Incidence rates *	Lost workdays	Average severity	Average number of workers *	Employee-hours worked *	Accident classification	Number of occupational illnesses	Coal production (short tons)
Prior year data with and without office	1/	1		1					
Work Location		5		5	5				
		7		7	7				
		9		9	9				
		11					11		
				12			12		
		13		13	13				
		14		14	14				
		18	18			18	18		17
		19	19			19	19		19
State		5		5	5				
		11					11		
				12			12		
								17	
Part of body injured		7		7	7				
		10		10	10				
		15		15	15				
Nature of injury		9		9	9				
		10		10	10				
		16		16	16				
Occupation at time of injury		13		13	13				
Accident Classification		14		14	14				
		15		15	15				
		16		16	16				
Mineral-industry							17		
Type of Coal		18	18			18	18		
		19	19			19	19		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, 2007

	EXCLUDING OFFICEWORKERS					INCLUDING OFFICEWORKERS				
	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
NUMBER OF INJURIES:										
FATAL-----	-	-	-	3	-	-	-	-	3	-
NFDL-----	13	23	11	24	13	13	23	11	24	13
TOTAL LWD INJURIES-----	13	23	11	27	13	13	23	11	27	13
NDL-----	5	1	8	14	8	5	1	8	14	8
TOTAL INJURIES-----	18	24	19	41	21	18	24	19	41	21
AVERAGE SEVERITY:										
PERMANENT PARTIAL-----	50	-	-	-	75	50	-	-	-	75
TEMPORARY NFDL-----	70	48	72	53	38	70	48	72	53	38
ALL LWD INJURIES-----	69	48	72	714	41	69	48	72	714	41

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, 2007

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-----	-	-	1	4	5	5	2	7	-	-	75	140	215	215	75	35	43
CALI FORNI A-----	-	-	-	4	4	4	-	4	-	-	-	194	194	194	-	48	48
ILLINOIS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
NEW JERSEY-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
UTAH-----	-	-	-	1	1	1	1	2	-	-	-	72	72	72	-	72	72
WASHINGTON-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
WISCONSIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	1	12	13	13	7	20	-	-	75	452	527	527	75	38	41
DREDGE:																	
ARKANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE, SURFACE:																	
ARI ZONA-----	-	-	1	4	5	5	2	7	-	-	75	140	215	215	75	35	43
ARKANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CALI FORNI A-----	-	-	-	4	4	4	-	4	-	-	-	194	194	194	-	48	48
ILLINOIS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
NEW JERSEY-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
UTAH-----	-	-	-	1	1	1	1	2	-	-	-	72	72	72	-	72	72
WASHINGTON-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
WISCONSIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	1	12	13	13	8	21	-	-	75	452	527	527	75	38	41
TOTAL OR AVERAGE, MINING:																	
ARI ZONA-----	-	-	1	4	5	5	2	7	-	-	75	140	215	215	75	35	43
ARKANSAS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
CALI FORNI A-----	-	-	-	4	4	4	-	4	-	-	-	194	194	194	-	48	48
ILLINOIS-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
NEW JERSEY-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
UTAH-----	-	-	-	1	1	1	1	2	-	-	-	72	72	72	-	72	72
WASHINGTON-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
WISCONSIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	1	12	13	13	8	21	-	-	75	452	527	527	75	38	41

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, 2007 (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, ALL MINES AND PLANTS:	-	-	1	4	5	5	2	7	-	-	75	140	215	215	75	35	43
ARIZONA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ARKANSAS-----	-	-	-	4	4	4	-	4	-	-	-	194	194	194	-	48	48
CALIFORNIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ILLINOIS-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
MISSOURI-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
OHIO-----	-	-	-	1	1	1	1	2	-	-	-	72	72	72	-	72	72
UTAH-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
WASHINGTON-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	1	12	13	13	8	21	-	-	75	452	527	527	75	38	41
GRAND TOTAL OR AVERAGE:	-	-	1	4	5	5	2	7	-	-	75	140	215	215	75	35	43
ARIZONA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ARKANSAS-----	-	-	-	4	4	4	-	4	-	-	-	194	194	194	-	48	48
CALIFORNIA-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ILLINOIS-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
MISSOURI-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
OHIO-----	-	-	-	1	1	1	1	2	-	-	-	72	72	72	-	72	72
UTAH-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
WASHINGTON-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	1	12	13	13	8	21	-	-	75	452	527	527	75	38	41

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, 2007

WORK LOCATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
NOSE-----	-	-	-	1	1	1	-	1	-	-	21	21	21	-	21	21	
HAND-----	-	-	-	3	3	3	-	3	-	-	98	98	98	-	33	33	
FINGER(S)-----	-	-	1	1	2	2	2	4	-	-	8	83	83	75	8	42	
UPPER EXTREMITIES, NECK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
BACK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	24	24	24	-	24	24	
THIGH-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1	
KNEE-----	-	-	-	1	1	1	-	1	-	-	46	46	46	-	46	46	
FOOT-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3	
MULTIPLE PARTS OF BODY-----	-	-	-	3	3	3	2	5	-	-	251	251	251	-	84	84	
TOTAL OR AVERAGE-----	-	-	1	12	13	13	7	20	-	-	75	452	527	75	38	41	
DREDGE:																	
THIGH-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE, MINING:																	
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
NOSE-----	-	-	-	1	1	1	-	1	-	-	21	21	21	-	21	21	
HAND-----	-	-	-	3	3	3	-	3	-	-	98	98	98	-	33	33	
FINGER(S)-----	-	-	1	1	2	2	2	4	-	-	8	83	83	75	8	42	
UPPER EXTREMITIES, NECK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
BACK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	24	24	24	-	24	24	
THIGH-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1	
KNEE-----	-	-	-	1	1	1	-	1	-	-	46	46	46	-	46	46	
FOOT-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3	
MULTIPLE PARTS OF BODY-----	-	-	-	3	3	3	2	5	-	-	251	251	251	-	84	84	
TOTAL OR AVERAGE-----	-	-	1	12	13	13	8	21	-	-	75	452	527	75	38	41	
GRAND TOTAL OR AVERAGE:																	
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
NOSE-----	-	-	-	1	1	1	-	1	-	-	21	21	21	-	21	21	
HAND-----	-	-	-	3	3	3	-	3	-	-	98	98	98	-	33	33	
FINGER(S)-----	-	-	1	1	2	2	2	4	-	-	8	83	83	75	8	42	
UPPER EXTREMITIES, NECK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
BACK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	24	24	24	-	24	24	
THIGH-----	-	-	-	1	1	1	-	1	-	-	1	1	1	-	1	1	
KNEE-----	-	-	-	1	1	1	-	1	-	-	46	46	46	-	46	46	
FOOT-----	-	-	-	1	1	1	-	1	-	-	3	3	3	-	3	3	
MULTIPLE PARTS OF BODY-----	-	-	-	3	3	3	2	5	-	-	251	251	251	-	84	84	
TOTAL OR AVERAGE-----	-	-	1	12	13	13	8	21	-	-	75	452	527	75	38	41	

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, 2007

WORK LOCATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
AMPUTATION/ENUCLEATION	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	
CONTUSION OR BRUISE	-	-	-	5	5	5	-	5	-	-	-	40	40	40	-	8	
CUT OR PUNCTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
DISLOCATION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	81	81	81	-	81	
HERNIA (NOT DISC)	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	
RADIATION/ULTRA VIOLET	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	
STRAIN/SPRAIN	-	-	-	2	2	2	1	3	-	-	-	220	220	220	-	110	
MULTIPLE INJURIES	-	-	-	1	1	1	1	2	-	-	-	72	72	72	-	72	
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	
TOTAL OR AVERAGE	-	-	1	12	13	13	7	20	-	-	75	452	527	527	75	38	
DREDGE:																	
CUT OR PUNCTURE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE, MINING:																	
AMPUTATION/ENUCLEATION	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	
CONTUSION OR BRUISE	-	-	-	5	5	5	-	5	-	-	-	40	40	40	-	8	
CUT OR PUNCTURE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	
DISLOCATION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	81	81	81	-	81	
HERNIA (NOT DISC)	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	
RADIATION/ULTRA VIOLET	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	
STRAIN/SPRAIN	-	-	-	2	2	2	1	3	-	-	-	220	220	220	-	110	
MULTIPLE INJURIES	-	-	-	1	1	1	1	2	-	-	-	72	72	72	-	72	
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	
TOTAL OR AVERAGE	-	-	1	12	13	13	8	21	-	-	75	452	527	527	75	38	
GRAND TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	
CONTUSION OR BRUISE	-	-	-	5	5	5	-	5	-	-	-	40	40	40	-	8	
CUT OR PUNCTURE	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	
DISLOCATION	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
ELECT. BURN (CONTACT)	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	
FRACTURE	-	-	-	1	1	1	-	1	-	-	-	81	81	81	-	81	
HERNIA (NOT DISC)	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	
RADIATION/ULTRA VIOLET	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	
STRAIN/SPRAIN	-	-	-	2	2	2	1	3	-	-	-	220	220	220	-	110	
MULTIPLE INJURIES	-	-	-	1	1	1	1	2	-	-	-	72	72	72	-	72	
UNCLASSIFIED (NO DATA)	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	
TOTAL OR AVERAGE	-	-	1	12	13	13	8	21	-	-	75	452	527	527	75	38	

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, 2007

PART OF BODY INJURED AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMA- NENT PARTIAL	TEMPO- RARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPO- RARY	TOTAL NFDL					PERMANENT		TEMPO- RARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
EYE: RADIATION/ULTRA VIOLET----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
NOSE: CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
HAND: CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	81	81	81	-	81	81
TOTAL OR AVERAGE-----	-	-	-	3	3	3	-	3	-	-	-	98	98	98	-	33	33
FINGER(S): AMPUTATION/ENUCLEATION----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	75
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
DISLOCATION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	1	1	2	2	2	4	-	-	75	8	83	83	75	8	42
UPPER EXTREMITIES, NEC: RADIATION/ULTRA VIOLET----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BACK: STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PELVIC REGION: HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
THIGH: CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1

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, 2007 (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						
KNEE:																	
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	46	46	46	-	46	46
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	46	46	46	-	46	46
FOOT:																	
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
MULTIPLE PARTS OF BODY:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
RADIATION/ULTRA VIOLET-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	1	1	1	-	1	-	-	-	174	174	174	-	174	174
MULTIPLE INJURIES-----	-	-	-	1	1	1	1	2	-	-	-	72	72	72	-	72	72
TOTAL OR AVERAGE-----	-	-	-	3	3	3	2	5	-	-	-	251	251	251	-	84	84
TOTAL OR AVERAGE:																	
AMPUTATION/ENUCLEATION----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	75
CONTUSION OR BRUISE-----	-	-	-	5	5	5	-	5	-	-	-	40	40	40	-	8	8
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
DISLOCATION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	81	81	81	-	81	81
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
RADIATION/ULTRA VIOLET-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	2	2	2	1	3	-	-	-	220	220	220	-	110	110
MULTIPLE INJURIES-----	-	-	-	1	1	1	1	2	-	-	-	72	72	72	-	72	72
UNCLASSIFIED (NO DATA)----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	1	12	13	13	8	21	-	-	75	452	527	527	75	38	41

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, 2007

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:																																				
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	1	-	-	-	-	-	-		
CALIFORNIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-		
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UTAH-----	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHINGTON-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	1	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	1	-	-	-	-	-	-	-	-	
DREDGE:																																				
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
TOTAL MINING:																																				
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	1	-	-	-	-	-	-	-	-	
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
CALIFORNIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH-----	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	1	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	1	1	-	-	-	-	-	-	-	-
GRAND TOTAL:																																				
ARIZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	1	-	-	-	-	-	-	-	-	-
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
CALIFORNIA-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ILLINOIS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OHIO-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH-----	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHINGTON-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
WISCONSIN-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	1	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	1	1	-	-	-	-	-	-	-	-

TABLE 11. - NUMBER OF INJURIES BY ACCIDENT CLASSIFICATION AND DEGREE FOR WORK LOCATION AND STATE AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (CONTINUED)

WORK LOCATION AND STATE	POWERED HAULAGE			HOISTING			IGNITION OR EXPLOSION OF GAS OR DUST			IMPOUNDMENT			INUNDATION			MACHINERY			SLIP OR FALL OF PERSON			STEPPING OR KNEELING ON OBJECT			STRIKING OR BUMPING			OTHER			TOTAL				
	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL	FTL	NFDL	NDL		
OPEN PIT:																																			
ARI ZONA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2		
CALI FORNI A-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	4	-			
ILLI NOI S-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-		
OHI O-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1			
WASHI NGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1			
WI SCOSI N-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1		
TOTAL-----	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	13	7			
DREDGE:																																			
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
TOTAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
TOTAL MI NI NG:																																			
ARI ZONA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2			
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
CALI FORNI A-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	4	-		
ILLI NOI S-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	
OHI O-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1		
WASHI NGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1		
WI SCOSI N-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
TOTAL-----	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	13	8			
GRAND TOTAL:																																			
ARI ZONA-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2			
ARKANSAS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
CALI FORNI A-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	4	-	
ILLI NOI S-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
NEW JERSEY-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
OHI O-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
WASHI NGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
WI SCOSI N-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
TOTAL-----	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	13	8		

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, 2007

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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126	-	8	-	-
CALI FORNI A-----	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	174	-	-	-	-
MI SSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-
OHI O-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHI NGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TOTAL-----	-	12	-	-	-	-	-	72	-	-	-	-	-	-	-	-	-	325	-	8	-	-
TOTAL MINING:																						
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126	-	8	-	-
CALI FORNI A-----	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	174	-	-	-	-
MI SSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-
OHI O-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHI NGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TOTAL-----	-	12	-	-	-	-	-	72	-	-	-	-	-	-	-	-	-	325	-	8	-	-
GRAND TOTAL:																						
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126	-	8	-	-
CALI FORNI A-----	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	174	-	-	-	-
MI SSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-
OHI O-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UTAH-----	-	-	-	-	-	-	-	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WASHI NGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TOTAL-----	-	12	-	-	-	-	-	72	-	-	-	-	-	-	-	-	-	325	-	8	-	-

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, 2007 (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-----	-	-	-	-	-	-	-	-	-	-	-	81	-	-	-	-	-	-	-	-	-	-	215
CALIFORNIA-----	-	3	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	194
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
OHIO-----	-	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL-----	-	24	-	-	-	-	-	-	-	-	-	81	-	5	-	-	-	-	-	-	-	-	527
TOTAL MINEING:																							
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	81	-	-	-	-	-	-	-	-	-	-	215
CALIFORNIA-----	-	3	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	194
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
OHIO-----	-	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL-----	-	24	-	-	-	-	-	-	-	-	-	81	-	5	-	-	-	-	-	-	-	-	527
GRAND TOTAL:																							
ARI ZONA-----	-	-	-	-	-	-	-	-	-	-	-	81	-	-	-	-	-	-	-	-	-	-	215
CALIFORNIA-----	-	3	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	194
MISSOURI-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
OHIO-----	-	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
UTAH-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72
WASHINGTON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL-----	-	24	-	-	-	-	-	-	-	-	-	81	-	5	-	-	-	-	-	-	-	-	527

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, 2007

WORK LOCATION AND OCCUPATION AT TIME OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL			TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL		
		PERMANENT		TEMPORARY					PERMANENT	TEMPORARY	TOTAL NFDL						
		TOTAL	PARTIAL													TOTAL	PARTIAL
SURFACE MINES:																	
OPEN PIT:																	
BULLDOZER/MOBILE EQUIP. -	-	-	1	1	2	2	2	4	-	-	75	174	249	249	75	174	124
DRI LL OPERATOR-----	-	-	-	2	2	2	-	2	-	-	-	127	127	127	-	64	64
ELECTRICIAN-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRONT END LOADER-----	-	-	-	1	1	1	-	1	-	-	-	72	72	72	-	72	72
LABORER-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
MECHANIC/MAINTENANCE-----	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
PREP. PLANT OPR.-----	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
SUPERVISOR/FOREMAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TRUCK DRIVER-----	-	-	-	2	2	2	1	3	-	-	-	45	45	45	-	22	22
WELDER/MACHINIST-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	1	12	13	13	7	20	-	-	75	452	527	527	75	38	41
DREDGE:																	
MECHANIC/MAINTENANCE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE, MINING:																	
BULLDOZER/MOBILE EQUIP. -	-	-	1	1	2	2	2	4	-	-	75	174	249	249	75	174	124
DRI LL OPERATOR-----	-	-	-	2	2	2	-	2	-	-	-	127	127	127	-	64	64
ELECTRICIAN-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRONT END LOADER-----	-	-	-	1	1	1	-	1	-	-	-	72	72	72	-	72	72
LABORER-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
MECHANIC/MAINTENANCE-----	-	-	-	2	2	2	1	3	-	-	-	13	13	13	-	6	6
PREP. PLANT OPR.-----	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
SUPERVISOR/FOREMAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TRUCK DRIVER-----	-	-	-	2	2	2	1	3	-	-	-	45	45	45	-	22	22
WELDER/MACHINIST-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	1	12	13	13	8	21	-	-	75	452	527	527	75	38	41
GRAND TOTAL OR AVERAGE:																	
BULLDOZER/MOBILE EQUIP. -	-	-	1	1	2	2	2	4	-	-	75	174	249	249	75	174	124
DRI LL OPERATOR-----	-	-	-	2	2	2	-	2	-	-	-	127	127	127	-	64	64
ELECTRICIAN-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
FRONT END LOADER-----	-	-	-	1	1	1	-	1	-	-	-	72	72	72	-	72	72
LABORER-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
MECHANIC/MAINTENANCE-----	-	-	-	2	2	2	1	3	-	-	-	13	13	13	-	6	6
PREP. PLANT OPR.-----	-	-	-	2	2	2	-	2	-	-	-	13	13	13	-	6	6
SUPERVISOR/FOREMAN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TRUCK DRIVER-----	-	-	-	2	2	2	1	3	-	-	-	45	45	45	-	22	22
WELDER/MACHINIST-----	-	-	-	1	1	1	1	2	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	1	12	13	13	8	21	-	-	75	452	527	527	75	38	41

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, 2007

WORK LOCATION AND ACCIDENT CLASSIFICATION	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
SURFACE MINES:																	
OPEN PIT:																	
ELECTRICAL-----	-	-	-	1	1	1	2	3	-	-	-	12	12	12	-	12	12
EXPLOSIVE AND BREAKING AGENT-----	-	-	-	1	1	1	-	1	-	-	-	72	72	72	-	72	72
HANDLING MATERIAL-----	-	-	1	5	6	6	1	7	-	-	75	250	325	325	75	50	54
HAND TOOL-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
POWERED HAULAGE-----	-	-	-	2	2	2	2	4	-	-	-	24	24	24	-	12	12
MACHINERY-----	-	-	-	1	1	1	1	2	-	-	-	81	81	81	-	81	81
SLIP OR FALL OF PERSON-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	1	12	13	13	7	20	-	-	75	452	527	527	75	38	41
DREDGE:																	
HAND TOOL-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE, MINING:																	
ELECTRICAL-----	-	-	-	1	1	1	2	3	-	-	-	12	12	12	-	12	12
EXPLOSIVE AND BREAKING AGENT-----	-	-	-	1	1	1	-	1	-	-	-	72	72	72	-	72	72
HANDLING MATERIAL-----	-	-	1	5	6	6	1	7	-	-	75	250	325	325	75	50	54
HAND TOOL-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
POWERED HAULAGE-----	-	-	-	2	2	2	2	4	-	-	-	24	24	24	-	12	12
MACHINERY-----	-	-	-	1	1	1	1	2	-	-	-	81	81	81	-	81	81
SLIP OR FALL OF PERSON-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	1	12	13	13	8	21	-	-	75	452	527	527	75	38	41
GRAND TOTAL OR AVERAGE:																	
ELECTRICAL-----	-	-	-	1	1	1	2	3	-	-	-	12	12	12	-	12	12
EXPLOSIVE AND BREAKING AGENT-----	-	-	-	1	1	1	-	1	-	-	-	72	72	72	-	72	72
HANDLING MATERIAL-----	-	-	1	5	6	6	1	7	-	-	75	250	325	325	75	50	54
HAND TOOL-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
POWERED HAULAGE-----	-	-	-	2	2	2	2	4	-	-	-	24	24	24	-	12	12
MACHINERY-----	-	-	-	1	1	1	1	2	-	-	-	81	81	81	-	81	81
SLIP OR FALL OF PERSON-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	1	12	13	13	8	21	-	-	75	452	527	527	75	38	41

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, 2007

ACCIDENT CLASSIFICATION AND PART OF BODY INJURED	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
ELECTRICAL:																	
HAND-----	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	-	12	12	12	-	12	12
EXPLOSIVE AND BREAKING AGENT:																	
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	72	72	72	-	72	72
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	72	72	72	-	72	72
HANDLING MATERIAL:																	
HAND-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
FINGER(S)-----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	75
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
THIGH-----	-	-	-	1	1	1	-	1	-	-	-	1	1	1	-	1	1
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	46	46	46	-	46	46
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	1	2	-	-	-	174	174	174	-	174	174
TOTAL OR AVERAGE-----	-	-	1	5	6	6	1	7	-	-	75	250	325	325	75	50	54
HAND TOOL:																	
FINGER(S)-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
THIGH-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	8	8	8	-	8	8
POWERED HAULAGE:																	
NOSE-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
FINGER(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BACK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
FOOT-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	2	2	2	2	4	-	-	-	24	24	24	-	12	12
MACHINERY:																	
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
HAND-----	-	-	-	1	1	1	-	1	-	-	-	81	81	81	-	81	81
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	81	81	81	-	81	81
SLIP OR FALL OF PERSON:																	
FINGER(S)-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
MULTIPLE PARTS OF BODY-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5

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, 2007 (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	12	13	13	8	21	-	-	75	452	527	527	75	38	41
EYE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
NOSE-----	-	-	-	1	1	1	-	1	-	-	-	21	21	-	-	21	21
HAND-----	-	-	-	3	3	3	-	3	-	-	-	98	98	-	-	33	33
FINGER(S)-----	-	-	1	1	2	2	2	4	-	-	75	8	83	83	75	8	42
UPPER EXTREMITIES, NEC-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
BACK-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
PELVIC REGION-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
THIGH-----	-	-	-	1	1	1	1	2	-	-	-	1	1	1	-	1	1
KNEE-----	-	-	-	1	1	1	-	1	-	-	-	46	46	46	-	46	46
FOOT-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
MULTIPLE PARTS OF BODY-----	-	-	-	3	3	3	2	5	-	-	-	251	251	251	-	84	84

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, 2007

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:																	
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	-	12	12	12	-	12	12
RADIATION/ULTRA VIOLET-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	2	3	-	-	-	12	12	12	-	12	12
EXPLOSIVE AND BREAKING AGENT:																	
MULTIPLE INJURIES-----	-	-	-	1	1	1	-	1	-	-	-	72	72	72	-	72	72
TOTAL OR AVERAGE-----	-	-	-	1	1	1	-	1	-	-	-	72	72	72	-	72	72
HANDLING MATERIAL:																	
AMPUTATION/ENUCLEATION-----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	75
CONTUSION OR BRUISE-----	-	-	-	2	2	2	-	2	-	-	-	6	6	6	-	3	3
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	-	24	24	24	-	24	24
STRAIN/SPRAIN-----	-	-	-	2	2	2	-	2	-	-	-	220	220	220	-	110	110
MULTIPLE INJURIES-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	1	5	6	6	1	7	-	-	75	250	325	325	75	50	54
HAND TOOL:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	8	8	8	-	8	8
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	8	8	8	-	8	8
POWERED HAULAGE:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	21	21	21	-	21	21
CUT OR PUNCTURE-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	-	3	3	3	-	3	3
TOTAL OR AVERAGE-----	-	-	-	2	2	2	2	4	-	-	-	24	24	24	-	12	12
MACHINERY:																	
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	-	81	81	81	-	81	81
RADIATION/ULTRA VIOLET-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	81	81	81	-	81	81
SLIP OR FALL OF PERSON:																	
CONTUSION OR BRUISE-----	-	-	-	1	1	1	-	1	-	-	-	5	5	5	-	5	5
DISLOCATION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL OR AVERAGE-----	-	-	-	1	1	1	1	2	-	-	-	5	5	5	-	5	5

TABLE 16. - NUMBER OF INJURIES, LOST WORKDAYS, AND AVERAGE SEVERITY BY DEGREE FOR ACCIDENT CLASSIFICATION AND NATURE OF INJURY AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007 (CONTINUED)

ACCIDENT CLASSIFICATION AND NATURE OF INJURY	NUMBER OF INJURIES								LOST WORKDAYS					AVERAGE SEVERITY			
	FATAL	NFDL				TOTAL FATAL AND NFDL	NDL	TOTAL INJURIES	FATAL	NFDL			TOTAL FATAL AND NFDL	PERMANENT PARTIAL	TEMPORARY	TOTAL FATAL AND NFDL	
		PERMANENT		TEMPORARY	TOTAL NFDL					PERMANENT		TEMPORARY					TOTAL NFDL
		TOTAL	PARTIAL							TOTAL	PARTIAL						
TOTAL OR AVERAGE:	-	-	1	12	13	13	8	21	-	-	75	452	527	527	75	38	41
AMPUTATION/ENUCLEATION----	-	-	1	-	1	1	-	1	-	-	75	-	75	75	75	-	75
CONTUSION OR BRUISE-----	-	-	-	5	5	5	-	5	-	-	40	-	40	40	-	8	8
CUT OR PUNCTURE-----	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
DISLOCATION-----	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
ELECT. BURN (CONTACT)-----	-	-	-	1	1	1	-	1	-	-	12	-	12	12	-	12	12
FRACTURE-----	-	-	-	1	1	1	-	1	-	-	81	-	81	81	-	81	81
HERNIA (NOT DISC)-----	-	-	-	1	1	1	-	1	-	-	24	-	24	24	-	24	24
RADIATION/ULTRA VIOLET-----	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-
STRAIN/SPRAIN-----	-	-	-	2	2	2	1	3	-	-	220	-	220	220	-	110	110
MULTIPLE INJURIES-----	-	-	-	1	1	1	1	2	-	-	72	-	72	72	-	72	72
UNCLASSIFIED (NO DATA)-----	-	-	-	1	1	1	-	1	-	-	3	-	3	3	-	3	3

TABLE 17. - OCCURRENCES REPORTED TO MSHA AS OCCUPATIONAL ILLNESSES AT CONTRACTOR SAND AND GRAVEL OPERATIONS IN THE UNITED STATES, 2007

WORK LOCATION, TYPE OF MINERAL AND STATE	SKIN DISEASES OR DISORDERS	DUST DISEASES OF THE LUNGS	RESPIRATORY CONDITIONS DUE TO TOXIC AGENTS	POISONING-SYSTEMIC EFFECTS OF TOXIC MATERIALS	DISORDERS DUE TO PHYSICAL AGENTS (NONTOXIC)	DISORDERS ASSOCIATED WITH REPEATED TRAUMA	ALL OTHER OCCUPATIONAL ILLNESSES	TOTAL OCCUPATIONAL ILLNESSES
SURFACE MINES: STRIP:								
SAND AND GRAVEL: TEXAS-----	-	-	-	-	-	-	1	1
TOTAL-----	-	-	-	-	-	-	1	1
TOTAL SURFACE: SAND AND GRAVEL: TEXAS-----	-	-	-	-	-	-	1	1
TOTAL-----	-	-	-	-	-	-	1	1
TOTAL MINING: SAND AND GRAVEL: TEXAS-----	-	-	-	-	-	-	1	1
TOTAL-----	-	-	-	-	-	-	1	1
TOTAL, MINES AND PLANTS: SAND AND GRAVEL: TEXAS-----	-	-	-	-	-	-	1	1
TOTAL-----	-	-	-	-	-	-	1	1
GRAND TOTAL: SAND AND GRAVEL: TEXAS-----	-	-	-	-	-	-	1	1
TOTAL-----	-	-	-	-	-	-	1	1
TOTAL OR AVERAGE-----	-	-	-	-	-	-	1	1

TABLE 18 - RELATED NONCOAL MINING SUMMARY REFERENCE TABULATION, NUMBER OF INJURIES, INCIDENCE RATES, AVERAGE NUMBER OF WORKERS, AND EMPLOYEE-HOURS BY MINERAL INDUSTRY AND WORK LOCATION, 2007 (CONTRACTOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED
UNDERGROUND MINES:										
METAL-----	2		55		47		104			
NONMETAL-----	-		4		5		9			
STONE-----	-		6		4		10			
TOTAL, UNDERGROUND MINES-	2	.06	65	2.04	56	1.76	123	3.87	6,488	6,360,752
SURFACE MINES:										
METAL-----	3		125		89		217			
NONMETAL-----	-		17		12		29			
STONE-----	2		105		50		157			
SUBTOTAL, SURFACE MINES--	5		247		151		403			
SAND AND GRAVEL-----	-		13		8		21			
TOTAL, SURFACE MINES----	5	.02	260	1.21	159	.74	424	1.97	40,145	43,147,892
TOTAL, MINES-----	7	.03	325	1.31	215	.87	547	2.21	46,633	49,508,644
MILLS:										
METAL-----	1		48		32		81			
NONMETAL-----	-		17		9		26			
STONE-----	3		108		84		195			
TOTAL, MILLS-----	4	.04	173	1.53	125	1.10	302	2.67	18,426	22,626,593
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-		-		-		-			
NONMETAL-----	-		-		-		-			
STONE-----	-		-		-		-			
TOTAL, SHOPS AND YARDS---	-		-		-		-		38	45,047
ALL MINES, MILLS AND SHOPS:										
METAL-----	6		228		168		402			
NONMETAL-----	-		38		26		64			
STONE-----	5		219		138		362			
SUBTOTAL-----	11		485		332		828			
SAND AND GRAVEL-----	-		13		8		21			
TOTAL, MINES/MILLS/SHOPS-	11	.03	498	1.38	340	.94	849	2.35	65,097	72,180,284
OFFICEWORKERS:										
METAL-----	-		1		1		2			
NONMETAL-----	-		1		-		1			
STONE-----	-		1		-		1			
SAND AND GRAVEL-----	-		-		-		-			
TOTAL, OFFICEWORKERS----	-		3	.15	1	.05	4	.19	2,747	4,121,014
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	6		229		169		404			
NONMETAL-----	-		39		26		65			
STONE-----	5		220		138		363			
SUBTOTAL-----	11		488		333		832			
SAND AND GRAVEL-----	-		13		8		21			
GRAND TOTAL-----	11	.03	501	1.31	341	.89	853	2.24	67,844	76,301,298

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, 2007 (CONTRACTOR DATA)

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS REPORTED	PRODUCTION REPORTED (SHORT TONS)
BITUMINOUS COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	3		177		50		230				
SURFACE-----	1		48		15		64				
TOTAL, UNDERGROUND MINES--	4		225		65		294				
SURFACE MINES:											
STRIP MINES-----	-		157		82		239				
AUGER MINES-----	-		-		-		-				
OTHER SURFACE MINES-----	-		1		1		2				
TOTAL, SURFACE MINES-----	-		158		83		241				
TOTAL, PRODUCTION MINING--	4		383		148		535				
PREPARATION PLANTS-----	2		74		37		113				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	2		74		37		113				
TOTAL, BITUMINOUS MINING--	6		457		185		648				
PENNSYLVANIA ANTHRACITE COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-		-		-		-				
SURFACE-----	-		-		-		-				
TOTAL, UNDERGROUND MINES--	-		-		-		-				
SURFACE MINES:											
STRIP MINES-----	-		-		-		-				
CULM BANK-----	-		-		-		-				
DREDGE-----	-		-		-		-				
TOTAL, SURFACE MINES-----	-		-		-		-				
TOTAL, PRODUCTION MINING--	-		-		-		-				
PREPARATION PLANTS-----	-		3		2		5				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	-		3		2		5				
TOTAL, ANTHRACITE MINING--	-		3		2		5				
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	3	.10	177	5.76	50	1.63	230	7.49	5,160	6,142,801	206,094
SURFACE-----	1	.03	48	1.50	15	.47	64	2.01	6,437	6,380,942	-
TOTAL, UNDERGROUND MINES--	4	.06	225	3.59	65	1.04	294	4.70	11,597	12,523,743	206,094
SURFACE MINES:											
STRIP MINES-----	-		157	1.60	82	.84	239	2.44	15,761	19,605,481	894,287
AUGER MINES-----	-		-		-		-		129	58,241	18,013
CULM BANK-----	-		1	.41	-		1	.41	567	488,122	-
DREDGE-----	-		-		1	3.42	1	3.42	157	58,541	-
TOTAL, SURFACE MINES-----	-		158	1.56	83	.82	241	2.38	16,614	20,210,385	912,300
TOTAL, PRODUCTION MINING--	4	.02	383	2.34	148	.90	535	3.27	28,211	32,734,128	1,118,394
PREPARATION PLANTS-----	2	.04	77	1.62	39	.82	118	2.49	8,056	9,484,247	-
INDEPENDENT SHOPS/YARDS-----	-		-		-		-		462	629,856	-
TOTAL, OTHER OPERATIONS---	2	.04	77	1.52	39	.77	118	2.33	8,518	10,114,103	-
TOTAL, ALL COAL-----	6	.03	460	2.15	187	.87	653	3.05	36,729	42,848,231	1,118,394
OFFICEWORKERS:											
BITUMINOUS-----	-		2		1		3				
ANTHRACITE-----	-		-		-		-				
TOTAL, OFFICEWORKERS-----	-		2	.15	1	.08	3	.23	2,136	2,634,558	-
GRAND TOTAL-----	6	.03	462	2.03	188	.83	656	2.88	38,865	45,482,789	1,118,394