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Appendix A. Work Force by Gender, Age, and Occupation

	Gender													
	Women							Men						
	Age Group		Age Group		Age Group		Age Group		Age Group		Age Group		Age Group	
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	Total	%
Occupational Group														
Administrative	211	405	418	255	43	1332	74	527	846	556	187	2190	3522	
Professional	51	146	92	28	4	321	56	333	358	242	98	1087	1408	
Technical	64	112	97	38	3	314	95	280	239	138	47	799	1113	
Service	12	30	32	15	4	93	30	103	99	43	16	291	384	
Security	9	39	29	11	4	92	37	218	125	58	28	466	558	
Crafts and Manual Labor	2	11	10	3	0	26	19	68	77	49	14	227	253	
Nuclear	22	16	13	6	3	60	27	102	147	98	29	403	463	
Unknown	216	235	193	101	36	781	377	922	1092	652	290	3333	4114	
Total	587	994	884	457	97	3019	715	2553	2983	1836	709	8796	11815	

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Appendix B. Total Number of Workers Who Reported at Least One Health Event by Gender, Age, and Occupation

	Gender												Total
	Women						Men						
	Age Group		Age Group		Age Group		Age Group						
	16 -	30 -	40 -	50 -	60 +	Total	16 -	30 -	40 -	50 -	60 +	Total	Total
Occupational Group													
Administrative	6	19	16	12	2	55	1	8	12	13	3	37	92
Professional	2	6	4	2	0	14	0	5	13	1	1	20	34
Technical	4	8	5	0	0	17	2	10	9	5	0	26	43
Service	2	2	8	4	0	16	1	8	5	1	0	15	31
Security	0	2	4	1	0	7	1	16	9	2	0	28	35
Crafts and Manual Labor	0	1	1	0	0	2	0	4	8	2	0	14	16
Nuclear	0	0	0	0	0	0	0	1	2	2	1	6	6
Unknown	2	9	7	9	2	29	7	25	35	21	5	93	122
Total	16	47	45	28	4	140	12	77	93	47	10	239	379

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Appendix C. Total Number of Health Events by Gender, Age, and Occupation

	Gender												Total
	Women						Men						
	Age Group		Age Group		Age Group		Age Group		Age Group		Age Group		
	16 -	30 -	40 -	50 -	60 +	Total	16 -	30 -	40 -	50 -	60 +	Total	Total
Occupational Group													
Administrative	6	20	17	14	2	59	1	8	14	13	3	39	98
Professional	2	7	4	2	0	15	0	6	14	1	1	22	37
Technical	5	9	5	0	0	19	2	11	10	5	0	28	47
Service	2	2	8	7	0	19	1	9	5	1	0	16	35
Security	0	2	5	2	0	9	1	16	9	2	0	28	37
Crafts and Manual Labor	0	1	1	0	0	2	0	4	8	2	0	14	16
Nuclear	0	0	0	0	0	0	0	1	2	2	3	8	8
Unknown	2	10	7	9	2	30	8	25	38	23	5	99	129
Total	17	51	47	34	4	153	13	80	100	49	12	254	407

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Appendix D. Distribution of the Number of Calendar Days Absent/Health Event by Gender and Age

	Gender												
	Women						Men						
	Age Group						Age Group						
	16 -	30 -	40 -	50 -	60 +	Total	16 -	30 -	40 -	50 -	60 +	Total	
# of Calendar Days													
< 15	5	15	13	8	2	43	7	24	49	19	3	102	
15 - 28	4	11	15	8	1	39	4	32	23	15	2	76	
29 - 42	3	6	6	10	0	25	1	12	15	5	3	36	
43 - 56	1	12	5	3	1	22	0	3	3	2	1	9	
57 - 91	4	5	5	3	0	17	0	4	6	5	2	17	
92 - 182	0	2	3	1	0	6	1	4	3	3	1	12	
183 +	0	0	0	1	0	1	0	1	1	0	0	2	
Total	17	51	47	34	4	153	13	80	100	49	12	254	

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Appendix F. Number of Health Conditions in Each Diagnostic Category by Gender and Age*

Diagnostic Category	Gender											
	Women						Men					
	Age Group						Age Group					
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total
INFECTIONOUS & PARASITIC DISEASES	1	2	5	1	0	9	0	9	7	7	0	23
- Intestinal Infections	0	0	0	0	0	0	0	1	1	0	0	2
- Other Bacterial Diseases	0	0	2	0	0	2	0	6	1	6	0	13
- Viral Diseases with Exanthem	0	0	0	0	0	0	0	1	1	0	0	2
- Other Viral Diseases & Chlamydiae	0	2	3	0	0	5	0	1	4	1	0	6
- Mycoses	1	0	0	1	0	2	0	0	0	0	0	2
MALIGNANT NEOPLASMS	0	1	1	2	0	4	0	2	1	5	2	10
- Digestive Organs	0	0	0	0	0	0	0	0	3	0	3	3
- Bone, Connective Tissue, Skin	0	0	1	0	0	1	0	2	0	0	0	2
- Breast	0	1	0	1	0	2	0	0	0	0	0	2
- Genitourinary	0	0	0	0	0	0	0	1	1	2	4	4

* Only those diagnostic categories with at least one occurrence appear in this table.

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Appendix F. Number of Health Conditions in Each Diagnostic Category by Gender and Age*

Diagnostic Category	Gender													
	Women						Men							
	Age Group		Age Group		Age Group		Age Group		Age Group		Age Group			
	16 -	30 -	40 -	50 -	16 -	30 -	40 -	50 -	29	39	49	59		
Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total		
ICD-9-CM Code														
Category														
-Other & Unspecified Sites	190	193-199	0	0	0	0	0	0	0	0	0	1	0	
-Nervous System	191-192		0	0	0	1	0	1	0	0	0	0	0	1
BENIGN & OTHER	210-229	235-239	0	3	5	1	0	9	0	2	2	1	2	7
NEOPLASMS			0	2	0	2	0	4	0	3	2	2	0	7
ENDOCRINE & METABOLIC DISEASES	240-246	240-246	0	0	0	0	0	0	1	0	0	0	0	1
-Thyroid Gland	250-259		0	0	0	0	0	0	0	0	2	0	0	2
-Other Endocrine Glands	260-269		0	0	0	0	0	0	0	0	0	1	0	1
-Nutritional Deficiencies	270-279		0	2	0	2	0	4	0	2	0	1	0	3
-Other Metabolic & Immunity Disorders	290-319		0	1	0	0	0	1	1	3	4	1	0	9
MENTAL DISORDERS	300-302	306-316	0	1	0	0	0	1	1	2	4	0	0	7
-Non-Psychotic Conditions	304-305		0	0	0	0	0	0	1	0	1	0	0	2
-Drug Dependence	320-389		1	4	6	2	1	14	0	14	10	9	1	34
NERVOUS SYSTEM & SENSE ORGANS														

* Only those diagnostic categories with at least one occurrence appear in this table.

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Appendix F. Number of Health Conditions in Each Diagnostic Category by Gender and Age*

Diagnostic Category	Gender											
	Women						Men					
	Age Group						Age Group					
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total
Hereditary/Degenerative Diseases	0	1	0	0	0	1	0	0	0	0	1	2
Other Disorders of CNS	0	0	1	0	0	1	0	0	0	0	0	1
Disorders of Peripheral NS	0	1	5	2	0	8	0	5	1	2	0	8
Disorders of Eye	0	1	0	0	0	1	0	6	3	3	0	12
Diseases of Ear & Mastoid	1	1	0	0	1	3	0	3	6	4	0	13
CIRCULATORY SYSTEM	0	0	0	2	0	2	1	5	9	3	1	19
Hypertensive Disease	0	0	0	0	0	0	0	1	2	0	0	3
Ischemic Heart Disease	0	0	0	0	0	0	0	1	5	2	0	8
Other Heart Disease	0	0	0	0	0	0	1	3	1	0	1	6
Cerebrovascular Disease	0	0	0	1	0	1	0	0	0	0	0	1
Diseases of Arteries & Capillaries	0	0	0	1	0	1	0	0	0	0	0	1

* Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

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Appendix F. Number of Health Conditions in Each Diagnostic Category by Gender and Age*

Diagnostic Category	Gender											
	Women						Men					
	Age Group						Age Group					
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total
Diseases of Veins, Lymphatics, and Other	0	0	0	0	0	0	0	0	1	1	0	2
RESPIRATORY SYSTEM	2	10	7	5	1	25	3	16	20	13	0	52
- Acute Respiratory												
Infections	1	1	1	1	0	4	0	6	5	1	0	12
- Other Diseases												
Upper Respiratory Tract	0	2	1	3	0	6	0	3	5	1	0	9
- Pneumonia and Influenza	1	6	4	1	0	12	1	4	5	6	0	16
- Chronic Obstructive Diseases	0	1	1	0	1	3	1	3	2	3	0	9
- Lung Disease from External Agents	0	0	0	0	0	0	0	0	1	0	0	1
- Other Respiratory Diseases	0	0	0	0	0	0	1	0	2	2	0	5
DIGESTIVE SYSTEM	1	5	4	4	2	16	4	10	21	15	0	50
- Oral Cavity, Saliv. Glands, Jaw	0	0	0	0	1	1	0	4	0	0	0	4

* Only those diagnostic categories with at least one occurrence appear in this table.

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Appendix F. Number of Health Conditions in Each Diagnostic Category by Gender and Age*

Diagnostic Category	Gender											
	Women						Men					
	Age Group						Age Group					
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total
- Esophagus, Stomach, Duodenum	0	0	0	0	0	0	0	1	4	0	0	5
- Appendicitis	0	1	0	0	0	1	1	1	0	2	0	4
- Hernias	0	0	0	0	1	1	1	1	8	6	0	16
- Enteritis, Colitis	0	0	1	0	0	1	0	0	2	0	0	2
- Other Intestinal Diseases	1	1	0	0	0	2	0	1	1	5	0	7
- Other Digestive Diseases	0	3	3	4	0	10	2	2	6	2	0	12
- Other Urinary Diseases	1	0	2	0	0	3	0	2	0	3	1	6
- Male Genital Organs	0	0	0	0	0	0	0	0	0	2	0	2
- Disorders of the Breast	0	0	0	1	0	1	0	0	0	0	0	1
- Other Diseases of Females	5	6	6	3	0	20	0	0	0	0	0	20

* Only those diagnostic categories with at least one occurrence appear in this table.

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Appendix F. Number of Health Conditions in Each Diagnostic Category by Gender and Age*

Diagnostic Category	Gender											
	Women						Men					
	Age Group		Age Group		Age Group		Age Group		Age Group		Age Group	
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total
PREGNANCY & CHILDBIRTH	7	16	2	0	0	25	0	0	0	0	0	25
- Ectopic & Molar Pregnancy	0	1	0	0	0	1	0	0	0	0	0	1
- Other Pregnancy with Abortive Outcome	1	0	0	0	0	1	0	0	0	0	0	1
- Complications of Pregnancy	2	1	0	0	0	3	0	0	0	0	0	3
- Normal Delivery and Care	4	14	1	0	0	19	0	0	0	0	0	19
- Complications of Labor & Delivery	0	0	1	0	0	1	0	0	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	0	0	1	1	0	2	1	2	3	1	0	7
- Infections	0	0	1	1	0	2	1	1	3	1	0	6
- Other Inflammatory Conditions	0	0	0	0	0	0	0	1	0	0	0	1
MUSCULOSKELETAL SYSTEM	2	5	8	12	0	27	0	32	28	16	6	82

* Only those diagnostic categories with at least one occurrence appear in this table.

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Appendix F. Number of Health Conditions in Each Diagnostic Category by Gender and Age*

Diagnostic Category	ICD-9-CM Code	Gender												
		Women						Men						
		Age Group						Age Group						
		16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	
- Arthropathies	710-719	0	0	2	3	0	5	0	14	8	5	0	27	32
- Dorsopathies	720-724	0	1	1	3	0	5	0	11	9	8	3	31	36
- Rheumatism, Excluding Back	725-729	2	4	4	5	0	15	0	7	8	2	2	19	34
- Acquired Deformities	730-739	0	0	1	1	0	2	0	0	3	1	1	5	7
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	0	1	1	0	3	1	6	6
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	780-799	1	2	5	1	0	9	0	3	5	4	0	12	21
- Symptoms	780-789	1	2	5	1	0	9	0	2	5	3	0	10	19
- Non-Specific Abnormal Findings	790-796	0	0	0	0	0	0	0	1	0	1	0	2	2
INJURY AND POISONING	800-999	2	8	14	9	0	33	4	33	30	13	2	82	115
- Skull Fractures	800-804	0	0	0	0	0	0	0	0	1	0	0	1	1
- Neck and Trunk Fractures	805-809	0	0	1	2	0	3	0	1	0	0	0	1	4
- Upper Limb Fractures	810-819	0	0	0	0	0	0	0	0	0	2	0	2	2

* Only those diagnostic categories with at least one occurrence appear in this table.

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Appendix F. Number of Health Conditions in Each Diagnostic Category by Gender and Age*

Diagnostic Category	Gender											
	Women						Men					
	Age Group						Age Group					
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total
- Lower Limb Fractures	0	1	1	2	0	4	0	1	2	1	0	4
- Dislocations	0	1	0	0	0	1	0	2	2	1	0	5
- Back Sprains & Strains	0	0	3	2	0	5	3	2	7	2	1	15
- Other Sprains & Strains	0	1	3	0	0	4	0	8	11	1	1	21
- Intracranial Injuries	1	0	0	0	0	1	0	0	0	0	0	1
- Open Wound Head, Neck, Trunk	0	0	1	0	0	1	0	1	0	0	0	1
- Open Wound Upper Limb	1	1	0	0	0	2	1	2	1	2	0	6
- Late Effects	0	0	0	0	0	0	0	2	0	0	0	2
- Contusions	0	1	1	0	0	2	0	3	3	1	0	7
- Burns	0	3	2	0	0	5	0	5	0	0	0	5
- Unspecified Injuries	0	0	2	1	0	3	0	1	0	1	0	2

* Only those diagnostic categories with at least one occurrence appear in this table.

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Appendix F. Number of Health Conditions in Each Diagnostic Category by Gender and Age*

	Gender											
	Women						Men					
	Age Group						Age Group					
	16 -	30 -	40 -	50 -	60 +	Total	16 -	30 -	40 -	50 -	60 +	Total
Diagnostic Category <td colspan="12">ICD-9-CM Code</td>	ICD-9-CM Code											
- Toxic Effects	980-989											
- Nonmedical Substances	0	0	0	1	0	1	0	0	0	0	0	0
- Unspecified Effects External Causes	990-995											
- Complications of Surgical/Medical Care	996-999											
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82											
- Personal & Family History	V10-V19											
- Health Services/Reproduction/Development	V20-V29											
- Health Status	V40-V49											
- Specific Procedure/Aftercare	V50-V59											
- Other Health Services	V60-V69											
Total	24	67	68	48	4	211	17	143	145	101	18	424

* Only those diagnostic categories with at least one occurrence appear in this table.

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Appendix G. Total Number of Calendar Days Absent in Each Diagnostic Category by Gender and Age*

Diagnostic Category	Gender													
	Women						Men							
	Age Group						Age Group							
	16 -	30 -	40 -	50 -	59	60 +	Total	16 -	30 -	40 -	50 -	59	60 +	Total
Infectious & Parasitic Diseases	35	25	85	30	0	175	0	628	65	72	0	765		
Malignant Neoplasms	0	20	13	221	0	254	0	64	29	131	55	279		
Benign & Other Neoplasms	0	109	216	36	0	361	0	124	59	36	45	264		
Endocrine & Metabolic Diseases	0	42	0	101	0	143	0	21	27	37	0	85		
Mental Disorders	0	22	0	0	0	22	117	23	283	29	0	452		
Nervous System & Sense Organs	14	161	286	106	14	581	0	375	143	154	64	736		
Circulatory System	0	0	0	104	0	104	15	66	224	23	79	407		
Respiratory System	22	129	68	39	13	271	32	192	194	162	0	580		
Digestive System	35	75	71	95	65	341	82	94	336	346	0	858		
Genitourinary System	133	234	181	75	0	623	0	20	0	74	14	108		
Pregnancy & Childbirth	356	758	164	0	0	1278	0	0	0	0	0	0		
Skin & Subcutaneous Tissue	0	0	29	30	0	59	11	30	47	8	0	96		
Musculoskeletal System	59	144	194	434	0	831	0	1375	838	471	222	2906		
Congenital Anomalies	0	0	0	0	0	0	15	13	0	213	40	281		
Symptoms, Signs, & Ill-defined Cond.	28	7	184	9	0	228	0	50	37	70	0	157		
Injury and Poisoning	36	77	386	230	0	729	30	1149	442	284	60	1965		
Health Status/Health Service Contact	28	32	75	53	0	188	51	46	27	115	8	247		

* Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories with at least one occurrence appear in this table.

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Appendix H. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender															
	Women								Men							
	Occupational Group								Occupational Group							
ICD-9-CM Code	Crafts	Admi- nist- Prof-	rati- essi- Tech-	Serv- Secu- al	Unkn- Labor	own	Total	Crafts	Admi- nist- Prof-	rati- essi- Tech-	Serv- Secu- al	Unkn- Labor	own	Total	Total	
- Breast, 174-175	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	2
- Genitourinary, 179-189	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	4
- Other & Unspecified Sites, 190, 193-199	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
- Nervous System, 191-192	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
BENIGN & OTHER NEOPLASMS, 210-229, 235-239	4	0	2	3	0	0	0	9	1	2	0	1	0	1	1	17
ENDOCRINE & METABOLIC DISEASES, 240-279	2	0	1	0	0	0	1	4	1	1	0	0	0	1	0	11
- Thyroid Gland, 240-246	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
- Other Endocrine Glands, 250-259	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2
- Nutritional Deficiencies, 260-269	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
- Other Metabolic & Immunity Disorders, 270-279	2	0	1	0	0	0	1	4	0	0	0	0	0	0	3	7
MENTAL DISORDERS, 290-319	1	0	0	0	0	0	0	1	3	3	3	0	0	0	0	10

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

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Appendix H. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender																										
	Women									Men																	
	Occupational Group									Occupational Group																	
	Craf-	ts	Admi-	ni st-	Prof-	rati-	essi-	Tech-	Serv-	Secu-	al	Unkn-	Total	Craf-	ts	Admi-	ni st-	Prof-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-	Total
- Non-Psychotic	1	0	0	0	0	0	0	0	0	1	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	7	8
- Drug Dependence	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2
- NERVOUS SYSTEM & SENSE ORGANS	3	1	3	2	0	1	4	14	8	2	2	0	7	2	2	11	34	48									
- Hereditary/Denerative Diseases	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
- Other Disorders of CNS	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
- Disorders of Peripheral NS	1	1	2	2	0	1	1	8	1	2	1	0	2	0	0	2	8	16									
- Disorders of Eye	0	0	0	0	0	0	1	1	3	0	0	0	2	1	0	6	12	13									
- Diseases of Ear & Mastoid	2	0	0	0	0	0	1	3	3	0	1	0	3	1	2	3	13	16									
- CIRCULATORY SYSTEM	0	0	0	0	2	0	0	2	0	1	4	4	1	1	0	8	19	21									
- Hypertensive Disease	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	3	3									

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

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Appendix H. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender																																			
	Women									Men																										
	Occupational Group									Occupational Group																										
	Craf-	ts	and	Manu-	rati-	essi-	Tech-	Serv-	Secu-	al	Unkn-	Total	Craf-	ts	and	Manu-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-	Total											
- Ischemic Heart Disease, 410-414	0	0	0	0	0	0	0	0	0	0	0	4	1	1	0	0	2	8	8	0	0	0	0	0	0	1	0	2	0	1	0	2	6	6		
- Other Heart Disease, 420-429	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	2	6	0	0	0	0	0	0	1	0	2	0	1	0	2	6	6		
- Cerebrovascular Disease, 430-438	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1				
- Diseases of Arteries & Capillaries, 440-448	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1				
- Diseases of Veins, Lymphatics, & Other, 451-459	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	2	0	0	0	0	2	2				
RESPIRATORY SYSTEM, 460-519	10	3	2	1	2	0	7	25	8	3	4	3	3	3	2	26	52	77	10	3	2	1	2	0	7	25	8	3	4	3	3	2	26	52	77	
- Acute Respiratory Infections, 460-466	0	1	0	0	0	0	3	4	1	1	0	1	1	1	1	6	12	16	0	1	0	0	0	0	3	4	1	1	0	1	1	1	6	12	16	
- Other Diseases of Upper Respiratory Tract, 470-478	1	2	1	0	0	0	2	6	1	2	2	0	0	0	1	3	9	15	1	2	1	0	0	0	2	6	1	2	2	0	0	0	1	3	9	15

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

(CONTINUED)

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Appendix H. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender																	
	Women								Men									
	Occupational Group								Occupational Group									
	Crafts	Adm. and Prof.	Manu.	Technical	Service	Security	Labor	Unkn.	Crafts	Adm. and Prof.	Manu.	Technical	Service	Security	Labor	Unkn.		
Influenza	8	0	1	1	1	0	1	12	4	0	2	0	2	1	0	7	16	28
Chronic Obstructive Diseases	1	0	0	0	1	0	1	3	2	0	0	1	0	0	0	6	9	12
External Agents	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
DIGESTIVE SYSTEM	6	1	2	1	2	0	4	16	10	7	6	0	4	0	2	21	50	66
Saliv. Glands, Jaw	0	0	0	0	0	0	1	1	0	2	0	0	1	0	1	0	4	5
Stomach, Duodenum	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	5	5	5
Appendicitis	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	3	4	5
Hernias	1	0	0	0	0	0	0	1	2	2	2	0	2	0	1	7	16	17
Colitis	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	2	3

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

(CONTINUED)

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Appendix H. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender																			
	Women									Men										
	Occupational Group									Occupational Group										
	Craf-	ts	Admi-	ni st-	Prof-	rati-	essi-	Tech-	Serv-	Secu-	al	Unkn-	ve	onal	nical	ice	ri ty	Labor	own	Total
- Other Intestinal ,560-569	0	0	1	1	0	0	0	2	2	0	2	0	0	0	0	3	7	9		
- Other Digestive ,570-579	4	0	1	0	2	0	3	10	2	2	2	0	0	0	0	6	12	22		
GENITOURINARY ,580-629	9	5	6	1	0	0	3	24	0	0	1	0	1	1	1	4	8	32		
- Other Urinary ,590-599	2	0	1	0	0	0	0	3	0	0	1	0	1	1	1	2	6	9		
- Male Genital ,600-608	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2		
- Disorders of the ,610-611	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1		
- Other Diseases of ,617-629	6	5	5	1	0	0	3	20	0	0	0	0	0	0	0	0	0	20		
PREGNANCY & ,630-677	18	2	3	1	0	0	1	25	0	0	0	0	0	0	0	0	0	25		
- Ectopic & Molar ,630-633	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1		

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

(CONTINUED)

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Appendix H. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender																		
	Women								Men										
	Occupational Group								Occupational Group										
ICD-9-CM Code	Crafts	Admi- nist- Prof-	Manu- rati- ve	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Unkn- own	Total	Crafts	Admi- nist- Prof-	Manu- rati- ve	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Unkn- own	Total	
- Other Pregnancy ,634-639																			
with Abortive Outcome	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
- Complications of ,640-648																			
Pregnancy	2	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
- Normal Delivery ,650-659																			
and Care	14	2	1	1	0	0	1	1	19	0	0	0	0	0	0	0	0	0	19
- Complications of ,660-669																			
Labor & Delivery	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE																			
	1	0	1	0	0	0	0	0	2	3	0	0	1	0	1	0	2	7	9
- Infections ,680-686																			
	1	0	1	0	0	0	0	0	2	3	0	0	1	0	1	0	1	6	8
- Other ,690-698																			
Inflammatory Conditions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
MUSCULOSKELETAL SYSTEM																			
	10	1	3	6	0	0	7	7	27	16	4	10	3	18	6	1	24	82	109
- Arthropathies ,710-719																			
	2	0	0	3	0	0	0	0	5	3	2	4	2	6	0	0	10	27	32

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

(CONTINUED)

INL 1995

Appendix H. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender																				
	Women									Men											
	Occupational Group									Occupational Group											
	Craf-	ts	Admi-	ni st-	Prof-	rati-	essi-	Tech-	Serv-	Secu-	al	Unkn-	ve	onal	nic al	ice	ri ty	Labor	ear	own	Total
- Dorsopathies 720-724	2	0	0	2	0	0	1	5	9	1	2	1	8	5	0	5	31	36			
- Rheumatism 725-729	5	1	3	1	0	0	5	15	3	1	2	0	4	1	0	8	19	34			
- Acquired Deformities 730-739	1	0	0	0	0	0	1	2	1	0	2	0	0	0	1	1	5	7			
CONGENITAL ANOMALIES 740-759	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	6	6			
SYMPTOMS, SIGNS, & ILL-DEFINED COND. 780-799	1	2	1	3	0	0	2	9	3	3	0	0	1	0	0	5	12	21			
- Symptoms 780-789	1	2	1	3	0	0	2	9	3	3	0	0	1	0	0	3	10	19			
- Non-Specific Abnormal Findings 790-796	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2			
INJURY AND POISONING 800-999	7	4	4	6	5	1	6	33	9	6	7	10	7	8	0	35	82	115			
- Skull Fractures 800-804	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1			
- Neck and Trunk Fractures 805-809	1	2	0	0	0	0	0	3	0	0	1	0	0	0	0	0	1	4			

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

(CONTINUED)

INL 1995

Appendix H. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender																				
	Women									Men											
	Occupational Group									Occupational Group											
	Craf-	ts	Admi-	ni st-	Prof-	rati-	essi-	Tech-	Serv-	Secu-	al	Unkn-	ve	onal	nical	ice	ri ty	Labor	own	Total	
- Upper Limb 810-819	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	2
- Lower Limb 820-829	2	2	0	0	0	0	0	4	1	1	1	0	1	0	0	0	0	4	8	8	
- Dislocations 830-839	0	0	1	0	0	0	0	1	0	1	0	0	0	2	0	2	5	6	6	6	
- Back Sprains & Strains 846-847	2	0	0	2	0	0	1	5	1	1	1	1	0	2	0	9	15	20	20	20	
- Other Sprains & Strains 840-845, 848	0	0	1	0	1	0	2	4	3	3	0	3	4	0	0	8	21	25	25	25	
- Intracranial Injuries 850-854	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2	
- Open Wound Head, Neck, Trunk 870-879	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	
- Open Wound Upper Limb 880-887	1	0	0	0	0	0	1	2	0	0	1	1	0	0	0	4	6	8	8	8	
- Late Effects 905-909	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	2	2	2	
- Contusions 920-924	0	0	0	1	0	1	0	2	1	0	1	0	0	2	0	3	7	9	9	9	

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

(CONTINUED)

INL 1995

Appendix H. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender																	
	Women								Men									
	Occupational Group								Occupational Group									
	Crafts	Adm. and Prof.	Manu.	Technical	Service	Security	Labor	Other	Total	Crafts	Adm. and Prof.	Manu.	Technical	Service	Security	Labor	Other	Total
- Burns, ICD-9-CM Code 940-949	0	0	0	2	3	0	0	5	0	0	0	4	1	0	0	0	5	10
- Unspecified, ICD-9-CM Code 958-959																		
Injuries	1	0	1	1	0	0	0	3	0	0	1	0	0	0	0	1	2	5
- Toxic Effects, ICD-9-CM Code 980-989																		
Nonmedical Substances	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1
- Unspecified, ICD-9-CM Code 990-995																		
Effects External Causes	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	5	5
- Complications of, ICD-9-CM Code 996-999																		
Surgical/Medical Care	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	2	5	6
HEALTH STATUS/HEALTH SERVICE CONTACT, ICD-9-CM Code V01-V82																		
- Personal & Family History, ICD-9-CM Code V10-V19	0	1	0	0	1	0	0	2	1	0	0	0	3	3	1	4	12	14
- Health Services, ICD-9-CM Code V20-V29																		
Reproduction/Development	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	2

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

(CONTINUED)

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Appendix H. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender		Occupational Group															
	Women	Men	Crafts	Administrative	Professional	Manufacturing	Rat	Essential	Technical	Service	Security	Unemployed	Unknown	Nuclear	Unemployed	Unknown	Total	
- Health Status, V40-V49	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	0	2	
- Specific Procedure/Aftercare, V50-V59	0	0	0	1	1	0	1	3	0	0	0	0	0	0	0	1	4	
- Other Health Services, V60-V69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Total	80	21	30	27	13	2	38	211	73	33	41	23	50	27	13	164	635	

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

INL 1995

Appendix I. Total Number of Calendar Days Absent in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender																
	Women								Men								
	Occupational Group								Occupational Group								
	Administrative	Professional	Technical	Service	Security	Manual Labor	Unknown	Total	Administrative	Professional	Technical	Service	Security	Manual Labor	Unknown	Total	
Infectious & Parasitic Diseases	114	0	35	0	0	0	26	175	22	0	545	22	31	0	13	132	765
Malignant Neoplasms	221	20	0	13	0	0	0	254	118	29	13	0	31	0	19	69	279
Benign & Other Neoplasms	203	0	94	64	0	0	0	361	115	80	0	9	0	15	19	26	264
Endocrine & Metabolic Diseases	62	0	20	0	0	0	61	143	29	19	0	0	0	8	0	29	85
Mental Disorders	22	0	0	0	0	0	0	22	66	254	132	0	0	0	0	0	452
Nervous System & Sense Organs	50	15	123	165	0	67	161	581	150	117	26	0	169	8	27	239	736
Circulatory System	0	0	0	0	104	0	0	104	0	79	85	99	22	16	0	106	407
Respiratory System	79	18	28	8	41	0	97	271	69	21	56	50	20	39	14	311	580
Digestive System	113	12	49	15	36	0	116	341	134	132	60	0	68	0	26	438	858
Genitourinary System	229	84	199	13	0	0	98	623	0	0	13	0	11	8	14	62	108
Pregnancy & Childbirth	807	103	253	71	0	0	44	1278	0	0	0	0	0	0	0	0	0
Skin & Subcutaneous Tissue	30	0	29	0	0	0	0	59	31	0	0	14	0	25	0	26	96
Musculoskeletal System	225	51	88	245	0	0	222	831	301	226	631	136	472	255	162	723	2906
Congenital Anomalies	0	0	0	0	0	0	0	0	162	0	0	0	0	0	0	119	281
Symptoms, Signs, & Ill-defined Cond.	8	7	28	121	0	0	64	228	58	8	0	0	22	0	0	69	157
Injury and Poisoning	101	116	63	209	124	13	103	729	180	121	574	180	158	161	0	591	1965
Health Status/Health Service Contact	0	7	28	53	75	0	25	188	29	0	0	0	51	23	8	136	247

* Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

INL 1995

Appendix J. Relative Risk Estimates for Selected Diagnostic Categories Among Five-Day Absences

Diagnostic Category	Administrative 3,522 Person-Years				Professional 1,408 Person-Years				Technical 1,113 Person-Years			
	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	92	0.6	0.5	0.8	34	0.7	0.5	1.1	43	1.2	0.9	1.7
Infectious & Parasitic Diseases	7	0.7	0.3	1.8	0				4	1.5	0.5	4.5
Malignant Neoplasms	4	0.9	0.2	3.6	2	1.5	0.3	7.0	1	1.0	0.1	7.2
Benign & Other Neoplasms	5	0.7	0.2	2.3	2	1.0	0.2	4.6	2	1.3	0.3	6.0
Endocrine & Metabolic Diseases	3	0.8	0.2	3.3	1	0.8	0.1	6.5	1	1.1	0.1	9.1
Nervous System & Sense Organs	9	0.6	0.3	1.3	3	0.6	0.2	2.0	4	1.1	0.4	3.1
Circulatory System	0				1	0.5	0.1	4.1	1	0.7	0.1	5.4
Respiratory System	11	0.5	0.2	0.9	4	0.5	0.2	1.5	6	1.1	0.5	2.5
Digestive System	11	0.6	0.3	1.1	6	1.0	0.4	2.2	7	1.5	0.7	3.4
Genitourinary System	7	0.6	0.2	1.5	3	1.1	0.3	3.5	5	2.2	0.8	6.0
Skin & Subcutaneous Tissue	4	2.0	0.5	7.7	0				1	1.2	0.1	9.8
Musculoskeletal System	19	0.6	0.4	1.0	4	0.4	0.1	1.0	10	1.3	0.7	2.6
Symptoms, Signs, & Ill-defined Conditions	4	0.5	0.2	1.5	2	0.9	0.2	4.2	1	0.6	0.1	4.2
Injury & Poisoning	16	0.4	0.3	0.8	8	0.7	0.4	1.5	8	0.9	0.4	1.9
Lower Limb Fractures	3	1.0	0.2	3.9	3	4.6	1.2	17.9	1	1.4	0.2	10.9
Back Sprains & Strains	3	0.4	0.1	1.3	1	0.4	0.1	3.4	1	0.5	0.1	4.1
Other Sprains & Strains	3	0.4	0.1	1.3	3	1.1	0.3	3.7	1	0.5	0.1	3.5
Open Wound Upper Limb	1	0.4	0.04	3.3	0				1	1.3	0.2	10.6
Contusion	1	0.3	0.04	2.5	0				1	1.4	0.2	11.6

* Persons with multiple absences during the time period were counted only once.

** RR= Relative Risk. Adjusted for age and gender; compared with all occupational categories.

***CI= Confidence Limit.

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INL 1995

Appendix J. Relative Risk Estimates for Selected Diagnostic Categories Among Five-Day Absences

Diagnostic Category	Service 384 Person-Years				Security 558 Person Years				Crafts and Manual Labor 253 Person-Years			
	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	31	2.6	1.8	3.8	35	2.2	1.5	3.1	16	2.2	1.3	3.6
Infectious & Parasitic Diseases	1	1.0	0.1	7.8	3	2.2	0.7	7.2	0			
Malignant Neoplasms	1	3.0	0.4	23.5	1	2.2	0.2	19.4	0			
Benign & Other Neoplasms	4	10.2	3.2	32.4	0				1	4.0	0.5	31.9
Endocrine & Metabolic Diseases	0				0				1	5.8	0.7	48.3
Nervous System & Sense Organs	2	1.5	0.4	6.4	4	2.3	0.8	6.6	2	2.6	0.6	10.7
Circulatory System	4	10.8	3.4	34.8	2	2.9	0.6	12.7	1	2.8	0.4	21.8
Respiratory System	4	2.1	0.8	5.8	4	1.5	0.5	4.0	3	2.6	0.8	8.5
Digestive System	1	0.6	0.1	4.2	5	2.3	0.9	5.7	0			
Genitourinary System	1	1.4	0.2	9.9	1	1.2	0.2	8.6	1	3.2	0.4	24.7
Skin & Subcutaneous Tissue	1	3.4	0.4	27.2	0				1	5.5	0.7	45.2
Musculoskeletal System	6	2.2	1.0	5.2	13	3.8	2.0	7.0	5	3.0	1.2	7.3
Symptoms, Signs, & Ill-defined Conditions	3	6.2	1.7	21.6	1	1.4	0.2	11.4	0			
Injury & Poisoning	12	4.3	2.4	8.0	8	1.9	0.9	3.9	6	3.2	1.4	7.5
Lower Limb Fractures	0				1	3.4	0.4	27.9	0			
Back Sprains & Strains	3	5.4	1.6	18.5	0				2	5.5	1.2	24.3
Other Sprains & Strains	3	4.4	1.3	15.2	4	3.8	1.3	11.2	0			
Open Wound Upper Limb	1	4.2	0.5	32.9	0				0			
Contusion	1	4.1	0.5	33.9	0				2	13.8	2.9	65.4

* Persons with multiple absences during the time period were counted only once.

** RR= Relative Risk. Adjusted for age and gender; compared with all occupational categories.

***CI= Confidence Limit.

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INL 1995

Appendix J. Relative Risk Estimates for Selected Diagnostic Categories Among Five-Day Absences

Diagnostic Categories	Nuclear 463 Person-Years				Unknown 4,114 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	6	0.4	0.2	1.0	122	1.0	0.8	1.2	379
Infectious & Parasitic Diseases	1	0.9	0.1	6.6	13	1.7	0.8	3.6	29
Malignant Neoplasms	1	2.5	0.3	19.4	2	0.4	0.1	2.0	12
Benign & Other Neoplasms	1	2.4	0.3	18.5	1	0.1	0.02	1.3	16
Endocrine & Metabolic Diseases	0				4	1.5	0.4	5.5	10
Nervous System & Sense Organs	2	1.4	0.3	6.1	13	1.0	0.5	2.0	39
Circulatory System	0				6	1.1	0.4	3.2	15
Respiratory System	1	0.5	0.1	3.4	26	1.6	1.0	2.8	59
Digestive System	2	0.9	0.2	3.8	21	1.2	0.7	2.2	53
Genitourinary System	1	1.4	0.2	10.7	6	0.8	0.3	1.9	25
Skin & Subcutaneous Tissue	0				2	0.5	0.1	2.8	9
Musculoskeletal System	1	0.3	0.04	2.2	26	0.9	0.6	1.4	84
Symptoms, Signs, & Ill-defined Conditions	0				7	1.4	0.6	3.8	18
Injury & Poisoning	0				34	1.2	0.8	1.8	92
Lower Limb Fractures	0				0				8
Back Sprains & Strains	0				9	1.8	0.7	4.5	19
Other Sprains & Strains	0				8	1.1	0.5	2.6	22
Open Wound Upper Limb	0				5	2.9	0.7	12.1	8
Contusion	0				3	1.2	0.3	5.6	8

* Persons with multiple absences during the time period were counted only once.

** RR= Relative Risk. Adjusted for age and gender; compared with all occupational categories.

***CI= Confidence Limit.

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Appendix K: Occupational Sentinel Health Events (SHEO)

The following two tables list the disease conditions that have been identified as definitely SHEOs or as possibly SHEOs, respectively (Rutstein, D.D., et al., Sentinel Health Events [Occupational]: A Basis for Physician Recognition and Public Health Surveillance, *American Journal of Public Health*, 1983, 73[9]:1054-1062). To make these categories more meaningful to the DOE workplace environment, these two SHEO categories have been evaluated taking into account workplace exposures in the DOE complex to define two additional groups of health conditions called *production* and *nonproduction*. These are designated in the last column of each table, labeled *DOE Complex Exposure Potential*. Each group is defined as follows:

Production: Disease conditions that can result from exposures that may occur during production or cleanup activities within the DOE complex. Twenty-two conditions are included in this group.

Nonproduction: Disease conditions that can be related to occupations within the DOE complex but not exposures related to production or cleanup activities. There are 11 conditions in this group.

Conditions for which neither designation has been assigned may occur in the work force but are less likely to be related to exposures in the DOE complex than those conditions with a designation of *production* or *nonproduction*.

Health Conditions - Definitely SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
155	Hemangiosarcoma of the liver	
158, 163	Mesothelioma (MN of peritoneum and pleura)	Production
187.7	Malignant neoplasm of scrotum	Production
354M	Carpal tunnel syndrome	Nonproduction
354.0	Mononeuritis of upper limb and mononeuritis multiplex	
495.4	Maltworker's lung	
495.5	Mushroom worker's lung	
495.8	Grain handler's lung, Sequoiosis	
495.9	Unspecified allergic alveolitis	
500	Coal worker's pneumoconiosis	
501	Asbestosis	Production
502	Silicosis, Talcosis	Production
503	Chronic beryllium disease of the lung	
504	Byssinosis	
506.0	Acute bronchitis, pneumonitis, and pulmonary edema due to fumes and vapors	Nonproduction

(CONTINUED)

Health Conditions - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
011	Pulmonary tuberculosis	
011, 502	Silicotuberculosis	Production
020	Plague	
021	Tularemia	
022	Anthrax	
023	Brucellosis	
031.1	Fish-fancier's finger	
054.6	Herpetic whitlow	
037	Tetanus	Nonproduction
042	Human immunodeficiency virus	
056	Rubella	
070.0, 070.1	Hepatitis A	
070.2, 070.3	Hepatitis B	
070.4	Non-A, non-B hepatitis	
071	Rabies	Nonproduction
073	Ornithosis	
082.0	Rocky Mountain spotted fever	
100.8	Leptospirosis	
115	Histoplasmosis	Nonproduction
117.1	Sporotrichosis	
147	Malignant neoplasm of nasopharynx	Nonproduction
160.0	Malignant neoplasm of nasal cavities	Nonproduction
161	Malignant neoplasm of larynx	Production
162	Malignant neoplasm of trachea, bronchus, and lung	Production
170	Malignant neoplasm of bone	Production

(CONTINUED)

Health Conditions - Possibly SHEOs (continued)		
ICD-9	Condition	DOE Complex Exposure Potential
188	Malignant neoplasm of bladder	Production
189	Malignant neoplasm of kidney, other, and unspecified urinary organs	Nonproduction
204.0	Acute lymphoid leukemia	Production
205.0	Acute myeloid leukemia	Production
207.0	Erythroleukemia	Production
283.1	Hemolytic anemia, nonautoimmune	
284.8	Aplastic anemia	Production
288.0	Agranulocytosis or neutropenia	Production
289.7	Methemoglobinemia	Nonproduction
323.7	Toxic encephalitis	Production
332.1	Parkinson's disease (secondary)	
334.3	Cerebellar ataxia	Production
357.7	Inflammatory and toxic neuropathy	Production
366.4	Cataract	Production
388.11	Noise effects on inner ear	Production
443.0	Raynaud's phenomenon (secondary)	Nonproduction
493.0, 507.8	Extrinsic asthma	Nonproduction
570, 573.3	Toxic hepatitis	Production
584, 585	Acute or chronic renal failure	Production
606	Infertility, male	
692	Contact and allergic dermatitis	Production
733.9	Skeletal fluorosis	

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OSHA DATA

Appendix L. Number of Workers with at Least One OSHA Event by Gender, Age, and Occupation

	Gender											
	Women						Men					
	Age Group						Age Group					
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total
Occupational Group												
Administrative	1	2	5	4	1	13	0	3	2	1	0	6
Professional	1	0	2	0	0	3	0	0	1	0	0	1
Technical	1	1	3	0	0	5	1	8	6	1	1	17
Service	0	0	2	1	0	3	2	3	1	0	0	6
Security	0	0	0	0	0	0	0	5	2	0	0	7
Crafts and Manual Labor	0	0	0	0	0	0	0	2	2	1	0	5
Nuclear	0	0	0	0	0	0	0	0	1	0	0	1
Unknown	4	2	4	2	0	12	6	24	27	9	3	69
Total	7	5	16	7	1	36	9	45	42	12	4	112

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OSHA DATA

Appendix M Total Number of Workdays Lost or with Restricted Activity from OSHA Events by Gender and Age

Age Group	Gender			Total					
	Women	Men	Total	Days	Events, icted	Days	Events, icted	Days	Events, icted
16 - 29	7	220	300	9	620	0	16	840	300
30 - 39	5	20	0	46	3230	520	51	3250	520
40 - 49	16	410	290	45	2460	600	61	2870	890
50 - 59	7	370	160	12	810	10	19	1180	170
60 +	1	0	0	4	140	590	5	140	590
Total	36	1020	750	116	7260	1720	152	8280	2470

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OSHA DATA

Appendix N. Total Number of Workdays Lost or with Restricted Activity from OSHA Events by Gender and Occupation

Occupational Group	Gender		
	Women	Men	Total
Administrative	13	90	60
Professional	3	90	160
Technical	5	60	240
Service	3	10	180
Security	0	0	0
Crafts and Manual Labor	0	0	0
Nuclear	0	0	0
Unknown	12	770	110
Total	36	1020	750

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OSHA DATA

Appendix O. Number of Health Conditions in Each Diagnostic Category by Gender and Age*

Diagnostic Category	Gender											
	Women						Men					
	Age Group						Age Group					
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total
NERVOUS SYSTEM & SENSE ORGANS												
- Disorders of Peripheral NS	1	2	3	2	0	8	1	6	1	3	0	11
- Disorders of Eye	0	0	0	0	0	0	0	1	0	0	0	1
RESPIRATORY SYSTEM												
- Other Diseases												
Upper Respiratory Tract	0	0	0	0	0	0	0	2	0	0	0	2
- Chronic Obstructive Diseases	0	0	1	0	0	1	0	0	1	0	0	1
- Other Respiratory Diseases	0	0	0	0	0	0	0	0	1	0	0	1
DIGESTIVE SYSTEM												
- Hernias	0	0	0	0	0	0	0	0	1	0	0	1
SKIN & SUBCUTANEOUS TISSUE												
	0	0	0	0	0	0	0	0	1	0	0	1

* Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

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OSHA DATA

Appendix 0. Number of Health Conditions in Each Diagnostic Category by Gender and Age*

Diagnostic Category	Gender													
	Women						Men							
	Age Group						Age Group							
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total		
- Other	0	0	0	0	0	0	0	0	0	1	0	0	1	1
- Inflammatory Conditions	0	0	0	0	0	0	0	0	0	1	0	0	1	1
- MUSCULOSKELETAL SYSTEM	0	0	1	0	0	1	0	0	0	1	0	0	1	2
- Rheumatism, Excluding Back	0	0	1	0	0	1	0	0	0	1	0	0	1	2
- SYMPTOMS, SIGNS, & ILL-DEFINED COND.	0	1	1	0	0	2	0	1	2	0	0	3	5	5
- Symptoms	0	1	1	0	0	2	0	1	2	0	0	3	5	5
- INJURY AND POISONING	6	2	10	5	1	24	8	38	40	9	4	99	123	123
- Upper Limb Fractures	0	0	1	0	0	1	0	0	0	0	0	0	1	1
- Back Sprains & Strains	2	0	5	3	0	10	1	12	10	2	2	27	37	37
- Other Sprains & Strains	0	2	0	1	1	4	0	11	15	3	0	29	33	33
- Open Wound Head, Neck, Trunk	0	0	1	0	0	1	3	3	3	1	0	10	11	11

* Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

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OSHA DATA

Appendix 0. Number of Health Conditions in Each Diagnostic Category by Gender and Age*

Diagnostic Category	Gender												
	Women						Men						
	Age Group		Age Group		Age Group		Age Group		Age Group		Age Group		
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	
- Open Wound Upper Limb	1	0	0	0	0	1	1	4	4	0	1	10	11
- Superficial Injury	1	0	0	0	0	1	1	0	1	1	0	3	4
- Contusion	1	0	1	1	0	3	2	6	2	2	1	13	16
- Foreign Body Entering Orifice	0	0	0	0	0	0	0	1	1	0	0	2	2
- Burns	0	0	1	0	0	1	0	1	2	0	0	3	4
- Unspecified Injuries	1	0	0	0	0	1	0	0	0	0	0	0	1
- Unspecified Effects External Causes	0	0	1	0	0	1	0	0	2	0	0	2	3
Total	7	5	16	7	1	36	9	47	48	12	4	120	156

* Only those diagnostic categories with at least one occurrence appear in this table.

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OSHA DATA

Appendix P. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Age*

Diagnostic Category	Gender																			
	Women						Men													
	Age Group		Age Group		Age Group		Age Group		Age Group		Age Group									
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	16 - 29	30 - 39	40 - 49	50 - 59	60 +	16 - 29	30 - 39	40 - 49	50 - 59	60 +					
Disorders of Peripheral NS	0	0	0	90	100	0	0	0	0	140	0	780	110	0	0	480	0	0	0	
Chronic Obstructive Diseases	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Respiratory Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	
Hernias	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	
Symptoms	0	0	0	0	60	0	0	0	0	0	0	0	0	0	50	0	0	0	0	
Back Sprains & Strains	170	110	0	0	110	80	230	160	0	0	30	0	1120	280	600	210	110	0	130	580
Other Sprains & Strains	0	0	20	0	0	0	140	0	0	0	0	0	730	90	540	140	150	0	0	0
Open Wound Head, Neck, Trunk	0	0	0	0	0	0	0	0	0	0	410	0	0	40	0	0	0	0	0	0

* OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

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OSHA DATA

Appendix Q. Number of Occurrences in Each Accident Category by Gender and Age*

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, Gender ,
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, Age , ,
, Group, ,
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, 49 , Total,
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, Type of Accident , E Codes , , ,
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, Submersion/ , E910- E915 , , ,
, Suffocation/ , , , ,
, Foreign Bodies , , 1, 1,
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* Only the accident type and gender/age combination with at least one occurrence appear in this table.

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OSHA DATA

Appendix R. Number of Workdays Lost or with Restricted Activity for Each Accident Category by Gender and Age*

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, Gender ,
, †fffffffffff%
, Men ,
, †fffffffffff%
, Age Group ,
, †fffffffffff%
, 40 - 49 ,
, †fffff...fffff%
, Days ,
, Rest-,
, rict-, Days ,
, ed , Lost ,
†ffffffffffffffff.....ffffffffffffffff~fffff~fffff%
, Type of Accident , E Codes ,
†ffffffffffffffff~ffffffffffffffff%
, Submersion/ , E910- E915 ,
, Suffocation/ ,
, Foreign Bodies , 0, 0,
§ffffffffffffffff<ffffffffffffffff<fffff<fffffœ
```

* OSHA events with >1 E Code in the same accident type were counted only once. Only the accident type and gender/age combination with at least one occurrence appear in this table.

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OSHA DATA

Appendix S. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender																		
	Women							Men											
	Occupational Group																		
	Admi-	nist-	Prof-	rati-	essi-	Tech-	Serv-	Unkn-	Admi-	nist-	Prof-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-
ICD-9-CM Code																			
NERVOUS SYSTEM & SENSE ORGANS 320-389	6	1	0	0	1	8	0	1	4	1	1	0	0	4	11				
- Disorders of Peripheral NS 350-359	6	1	0	0	1	8	0	1	4	1	0	0	0	4	10				
- Disorders of Eye 360-379	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1				
RESPIRATORY SYSTEM 460-519	0	0	1	0	0	1	0	0	0	1	1	0	0	2	4				
- Other Diseases 470-478																			
Upper Respiratory Tract	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2				
- Chronic 490-496																			
Obstructive Diseases	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1				
- Other Respiratory 510-519	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1				
DISEASES																			
DIGESTIVE SYSTEM 520-579	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1				
- Hernias 550-553	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1				

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

(CONTINUED)

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OSHA DATA

Appendix S. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender															
	Women							Men								
	Occupational Group															
ICD-9-CM Code	Admi-	nist-Prof-	rati-essi-Tech-	Serv-	Unkn-	Total	Admi-	nist-Prof-	rati-essi-Tech-	Serv-	Secu-	al	Nucl-	Unkn-	Total	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
- Other	690-698															
Inflammatory Conditions		0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
MUSCULOSKELETAL SYSTEM	710-739	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1
- Rheumatism	725-729															
Excluding Back		0	0	1	0	0	1	0	0	0	0	0	0	0	1	1
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	780-799	0	1	0	0	1	2	0	0	1	0	0	0	0	2	3
- Symptoms	780-789	0	1	0	0	1	2	0	0	1	0	0	0	0	2	3
INJURY AND POISONING	800-999	7	1	3	3	10	24	6	0	13	5	6	5	1	63	99
- Upper Limb Fractures	810-819	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

(CONTINUED)

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OSHA DATA

Appendix S. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender														
	Women							Men							
ICD-9-CM Code	Occupational Group														
	Admi-	nist-	Prof-	rati-	essi-	Tech-	Serv-	Unkn-	ve	onal	ni	cal	ice	own	Total
- Back Sprains & Strains	4	0	1	2	3	10	0	0	3	2	1	3	0	18	27
- Other Sprains & Strains	1	0	1	0	2	4	2	0	3	1	4	0	0	19	29
- Open Wound Head, Neck, Trunk	1	0	0	0	0	1	2	0	0	1	1	0	0	6	10
- Open Wound Upper Limb	0	0	0	0	1	1	0	0	3	1	0	0	0	6	10
- Superficial Injury	0	0	0	0	1	1	0	0	0	0	0	1	0	2	3
- Contusion	1	0	1	0	1	3	2	0	2	0	0	1	0	8	13
- Foreign Body Entering Orifice	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
- Burns	0	0	0	1	0	1	0	0	2	0	0	0	0	1	3
- Unspecified Injuries	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

(CONTINUED)

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OSHA DATA

Appendix S. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender		Occupational Group																		
	Men	Women	Admi-	ni st-	Prof-	rati-	essi-	Tech-	Serv-	Unkn-	Total	ve	onal	nical	ice	rity	Labor	ear	own	Total	
- Unspecified, 990-995	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	2			
Effects External Causes	13	3	5	3	12	36	6	1	18	7	8	5	1	74	120						

* Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

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OSHA DATA

Appendix T. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender																									
	Women										Men															
	Occupational Group																									
	Administrative	Professional	Technical	Service	Unknown	Administrative	Professional	Technical	Service	Security	Labor	Nuclear	Unknown	Crafts	and	Manual	Administrative	Professional	Technical	Service						
Periphereal Nerve Syndrome	0	0	90	100	0	0	0	0	0	0	0	0	0	0	730	110	140	0	0	0	0	0	0	0	530	0
Obstructive Diseases	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Respiratory Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
Hernias	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100
Symptoms	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50

* OSHA events with >1 ICD-9-CM Code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

(CONTINUED)

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OSHA DATA

Appendix T. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Occupation*

Diagnostic Category	Gender																										
	Women										Men																
	Occupational Group																										
	Administrative	Professional	Technical	Service	Unknown	Administrative	Professional	Technical	Service	Security	Labor	Nuclear	Unknown	Crafts	and	Manual	Crafts	and	Manual	Unknown							
- Back , 846-847	90	60	0	0	10	0	10	180	400	110	0	0	0	0	130	30	20	50	110	210	180	40	0	0	1550	740	
- Other , 840-845	0	0	0	0	0	0	0	0	0	0	0	0	0	0	240	30	0	0	0	190	0	0	0	0	1180	10	
- Open , 870-879	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- Open , 880-887	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	180	0

* OSHA events with >1 ICD-9-CM Code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/occupational combinations with at least one occurrence appear in this table.

(CONTINUED)

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OSHA DATA

Appendix U. Number of Occurrences in Each Accident Category by Gender and Occupation*

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, onal ,
, Group ,
, †fffff%
, Unkn- ,
, own , Total ,
‡ffffffffffffffff.....ffffffffffffffff~fffff~fffff%
, Type of Accident , E Codes , ,
‡ffffffffffffffff.....~ffffffffffffffff%
, Submersion/ , E910- E915 , ,
, Suffocation/ , , ,
, Foreign Bodies , , 1, 1,
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* Only the accident type and gender/occupational combination with at least one occurrence appear in this table.

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OSHA DATA

Appendix V. Number of Workdays Lost or With Restricted Activity in Each Accident Category by Gender and Occupation*

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, Gender ,
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, Men ,
, †fffffffff%
, Occupati- ,
, onal ,
, Group ,
, †fffffffff%
, Unknown ,
, †fff..fff%
, Days, ,
, Res-, ,
, tri-, Days,
, cted, Lost,
‡ffffffff..ffff~fff~fff%
, Type of , E Codes , , ,
, Accident , , , ,
‡ffffffff~ffff% , , ,
, Submersion/ , E910- E915 , , ,
, Suffocation/ , , , ,
, Foreign Bodies, , 0, 0,

Šffffffff<ffff<fff<fff $\text{\textcircled{E}}$
* Only the accident type and gender/occupational combination with at least one occurrence appear in this table.

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OSHA Data

Appendix W Relative Risk Estimates for Selected Diagnostic Categories Among OSHA Events

Diagnostic Category	Administrative 3, 522 Person-Years				Professional 1, 408 Person-Years				Technical 1, 113 Person-Years			
	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	19	0.3	0.2	0.5	4	0.2	0.1	0.6	22	1.6	1.0	2.5
Nervous System & Sense Organs	6	0.9	0.3	2.9	2	0.9	0.2	3.9	4	2.4	0.8	7.1
Injury & Poisoning	13	0.3	0.2	0.5	1	0.1	0.01	0.5	15	1.4	0.8	2.3
Back Sprains & Strains	4	0.2	0.1	0.7	0				4	1.1	0.4	3.3
Other Sprains & Strains	3	0.3	0.1	0.9	0				4	1.5	0.5	4.3
Open Wound Head, Neck, Trunk	3	1.3	0.3	5.6	0				0			
Open Wound Upper Limb	0				0				3	3.4	0.9	12.2
Contusion	3	0.6	0.2	2.3	0				3	2.1	0.6	7.2

Diagnostic Category	Service 384 Person-Years				Security 558 Person-Years				Crafts and Manual Labor 253 Person-Years			
	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	9	1.8	0.9	3.6	7	0.9	0.4	1.9	5	1.6	0.6	3.8
Nervous System & Sense Organs	1	1.6	0.2	12.2	1	1.1	0.1	8.6	0			
Injury & Poisoning	7	1.8	0.8	3.8	6	1.0	0.4	2.2	5	1.9	0.8	4.8
Back Sprains & Strains	4	3.4	1.2	9.7	1	0.5	0.1	3.8	3	4.2	1.3	13.8
Other Sprains & Strains	1	0.9	0.1	6.8	4	2.7	0.9	8.0	0			
Open Wound Head, Neck, Trunk	1	2.6	0.3	20.9	1	1.7	0.2	12.8	0			
Open Wound Upper Limb	1	2.8	0.4	22.6	0				0			
Contusion	0				0				1	2.9	0.4	22.5

* Persons with multiple absences during the time period were counted only once.

** RR= Relative Risk. Adjusted for age and gender; compared with all occupational categories.

***CI= Confidence Limit.

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OSHA Data

Appendix W Relative Risk Estimates for Selected Diagnostic Categories Among OSHA Events

Diagnostic Categories	Nuclear 463 Person-Years				Unknown 4,114 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	1	0.2	0.02	1.2	81	2.3	1.7	3.3	148
Nervous System & Sense Organs	0				5	0.8	0.3	2.1	19
Injury & Poisoning	1	0.2	0.03	1.5	70	2.7	1.9	4.0	118
Back Sprains & Strains	0				21	2.7	1.4	5.4	37
Other Sprains & Strains	0				19	2.9	1.4	6.0	31
Open Wound Head, Neck, Trunk	0				6	1.9	0.6	6.5	11
Open Wound Upper Limb	0				7	2.9	0.8	9.9	11
Contusion	0				9	2.3	0.8	6.4	16

* Persons with multiple absences during the time period were counted only once.

** RR= Relative Risk. Adjusted for age and gender; compared with all occupational categories.

***CI= Confidence Limit.