

SUPPORTING TABLES
OAK RIDGE NATIONAL LABORATORY: 2001

Appendix A. Work Force by Gender, Age, and Job Category

	Women					Men						
	Age Group				Total	Age Group				Total		
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +			
Job Category												
Administrative	24	89	205	210	528	4	1	4	8	17	545	
Management	0	5	45	25	75	0	36	145	214	395	470	
Professional	4	52	141	87	284	4	52	144	140	340	624	
Engineering	1	20	31	11	63	8	111	251	257	627	690	
Scientists	3	36	48	37	124	10	116	236	296	658	782	
Technicians	12	36	51	28	127	12	65	110	70	257	384	
Crafts	0	1	9	3	13	0	25	153	188	366	379	
Laborers	1	8	30	33	72	11	38	65	52	166	238	
Operators	0	0	2	2	4	0	13	29	22	64	68	
Total	45	247	562	436	1290	49	457	1137	1247	2890	4180	

Appendix B. Most Common Job Titles in Each Job Category

ADMINISTRATIVE	CIVIL ENGINEERS	CRAFTS
ADMINISTRATIVE ASSISTANTS	CONSTRUCTION ENGINEERS	CARPENTERS
OFFICE CLERKS (GENERAL)	ELECTRICAL ENGINEERS	ELECTRICIANS
OFFICE CLERKS (SPECIALIZED)	ENVIRONMENTAL ENGINEERS	HEATING, AIR CONDITIONING & REFRIGERATION
OTHER GENERAL ADMIN, SEC, CLER	MECHANICAL ENGINEERS	MACHINISTS
SECRETARIES	NUCLEAR ENGINEERS	MASONS
TYPISTS & WORD PROCESSORS	OTHER ENGINEERS	MILLWRIGHTS
	PLANT ENGINEERS	OTHER CRAFTS
MANAGEMENT	QUALITY ASSURANCE/CONTROL ENGINEERS	PAINTERS
FIRST LINE SUPERVISORS	SAFETY ENGINEERS	PLUMBERS & PIPEFITTERS
GENERAL MANAGERS & EXECUTIVES		VEHICLE & MOBILE EQUIPMENT MECHANICS
PROJECT & PROGRAM MANAGERS	SCIENTISTS	WELDERS
	CHEMISTS	
PROFESSIONAL	COMPUTER SCIENTISTS	LABORERS
ACCOUNTANTS & AUDITORS	ENVIRONMENTAL SCIENTISTS	FIREFIGHTERS
BUYERS, PROCUREMENT, CONTRACTING	GEOLOGISTS	FOOD SERVICE WORKERS
COMMUNICATIONS SPECIALISTS	LIFE SCIENTISTS	HANDLERS, HELPERS, & LABORERS (SPECIALIZED)
COMPLIANCE INSPECTORS	MATERIALS SCIENTISTS	HANDLERS, HELPERS, LABORERS (GENERAL)
COMPUTER SYSTEMS ANALYSTS	MATHEMATICIANS	JANITORS & CLEANERS
ESTIMATORS, PLANNERS, SCHEDULERS	OTHER SCIENTISTS	LAUNDRY WORKERS
HEALTH PHYSICISTS	PHYSICISTS	LIGHT VEHICLE DRIVERS
INDUSTRIAL HYGIENISTS	SOCIAL SCIENTISTS	OTHER LABORERS
LAWYERS		
OTHER PROFESSIONAL ADMIN	TECHNICIANS	OPERATORS
PERSONNEL RELATIONS SPECIALIST	COMPUTER OPERATORS/CODERS	CHEMICAL SYSTEMS OPERATORS
PHYSICIAN ASST, NURSES, OTHER	DRAFTERS	MATERIAL MOVING EQUIP OPERATOR
PHYSICIANS	ENGINEERING TECHNICIANS	NUCLEAR PLANT OPERATORS
SAFEGUARDS/SECURITY SPECIALIST	ENVIRONMENTAL SCIENCES TECHNICIANS	OTHER OPERATORS
TECHNICAL WRITERS & EDITORS	HEALTH PHYSICS TECHNICIANS	UTILITIES OPERATORS
TRAINERS	INDUSTRIAL SAFETY & HEALTH TECHNICIANS	
	LABORATORY TECHNICIANS	
ENGINEERING	MEDIA TECHNICIANS	
CHEMICAL ENGINEERS	OTHER TECHNICIANS	

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Appendix C. Work Force Demographics

Part 1. Percentage of Men in Different Age Groups from 1999 to 2001

Men	16-29	30-39	40-49	50+
1999	3	19	42	36
2000	3	17	40	40
2001	2	16	39	43

Part 2. Percentage of Women in Different Age Groups from 1999 to 2001

Women	16-29	30-39	40-49	50+
1999	3	25	45	27
2000	3	22	45	30
2001	3	19	44	34

Part 3. Percentage of Men in Different Job Categories from 1999 to 2001

Men	Administrative	Management	Professional	Engineering	Scientists	Technicians	Crafts	Laborers	Operators	Unknown
1999	<1	13	13	23	19	8	13	5	2	3
2000	1	13	13	23	19	8	12	5	2	4
2001	1	13	12	22	23	9	12	6	2	*

*No workers in this category.

Part 4. Percentage of Women in Different Job Categories from 1999 to 2001

Women	Administrative	Management	Professional	Engineering	Scientists	Technicians	Crafts	Laborers	Operators	Unknown
1999	39	5	21	4	8	8	1	5	<1	8
2000	38	5	21	4	8	8	1	5	<1	9
2001	41	6	22	5	9	10	1	5	<1	*

*No workers in this category.

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Appendix D. Total Number of Workers Who Reported at Least One Absence by Gender, Age, and Job Category

	Women					Men					Total	
	Age Group				Total	Age Group				Total		
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +			
Job Category												
Administrative	2	8	28	38	76	0	0	1	1	2	78	
Management	0	0	3	2	5	0	3	8	19	30	35	
Professional	0	4	11	7	22	0	1	12	10	23	45	
Engineering	0	1	2	2	5	0	2	12	12	26	31	
Scientists	0	0	1	2	3	0	1	4	12	17	20	
Technicians	1	2	10	3	16	0	6	17	8	31	47	
Crafts	0	0	2	1	3	0	3	32	40	75	78	
Laborers	0	3	13	11	27	1	5	25	17	48	75	
Operators	0	0	0	0	0	0	3	6	3	12	12	
Total	3	18	70	66	157	1	24	117	122	264	421	

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Appendix E. Total Number of Absences by Gender, Age, and Job Category

	Women					Men					Total	
	Age Group				Total	Age Group				Total		
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +			
Job Category												
Administrative	5	8	34	44	91	0	0	1	1	2	93	
Management	0	0	4	2	6	0	3	9	19	31	37	
Professional	0	4	14	8	26	0	1	13	11	25	51	
Engineering	0	1	3	2	6	0	2	12	13	27	33	
Scientists	0	0	1	2	3	0	1	4	13	18	21	
Technicians	1	2	11	3	17	0	7	22	10	39	56	
Crafts	0	0	3	1	4	0	5	47	56	108	112	
Laborers	0	7	17	16	40	1	6	38	22	67	107	
Operators	0	0	0	0	0	0	3	7	3	13	13	
Total	6	22	87	78	193	1	28	153	148	330	523	

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Appendix F. Distribution of the Number of Calendar Days Missed per Absence by Gender and Age

	Women					Men						
	Age Group				Total	Age Group				Total		
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +			
# of Calendar Days												
< 15	4	9	46	42	101	1	17	81	64	163	264	
15 - 28	1	5	12	16	34	0	7	34	44	85	119	
29 - 42	0	2	9	5	16	0	1	14	11	26	42	
43 - 56	0	2	7	3	12	0	1	9	7	17	29	
57 - 91	0	2	9	9	20	0	0	9	9	18	38	
92 - 182	1	2	3	3	9	0	2	6	11	19	28	
183 +	0	0	1	0	1	0	0	0	2	2	3	
Total	6	22	87	78	193	1	28	153	148	330	523	

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Appendix G. Distribution of the Number of Calendar Days Missed per Absence by Gender and Job Category*

	Women								
	Job Category								Total
	Administrative	Management	Professional	Engineering	Scientists	Technicians	Crafts	Laborers	
# of Calendar Days									
< 15	50	1	14	4	2	8	3	19	101
15 - 28	13	2	7	1	1	1	1	8	34
29 - 42	7	2	2	1	0	3	0	1	16
43 - 56	7	0	2	0	0	1	0	2	12
57 - 91	10	0	1	0	0	3	0	6	20
92 - 182	4	1	0	0	0	1	0	3	9
183 +	0	0	0	0	0	0	0	1	1
Total	91	6	26	6	3	17	4	40	193

	Men								
	Job Category								Total
	Administrative	Management	Professional	Engineering	Scientists	Technicians	Crafts	Laborers	
# of Calendar Days									
< 15	1	12	12	15	10	21	49	36	7 163
15 - 28	1	14	5	7	6	10	24	15	3 85
29 - 42	0	2	5	0	2	4	8	5	0 26
43 - 56	0	1	1	3	0	2	5	4	1 17
57 - 91	0	2	1	2	0	1	8	4	0 18
92 - 182	0	0	1	0	0	1	13	2	2 19
183 +	0	0	0	0	0	0	1	1	0 2
Total	2	31	25	27	18	39	108	67	13 330

*Only those gender/job category combinations with at least one absence appear in this table.

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Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Women				Men					
		Age Group				Tot- al	Age Group				
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	3	5	3	11	0	2	5	4	11
-Intestinal Infectious Dis	001-009	0	0	0	1	1	0	0	0	0	1
-Other Bacterial Dis	030-041	0	1	0	0	1	0	0	1	1	2
-Viral Dis with Exanthem	050-057	0	0	1	0	1	0	0	2	1	3
-Other Viral Dis & Chlamydiae	070-079	0	2	4	2	8	0	1	2	1	4
-Mycoses	110-118	0	0	0	0	0	0	1	0	0	1
-Late Effects	137-139	0	0	0	0	0	0	0	0	1	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	0	0	0	2	3	5
-Digestive & Peritoneal	150-159	0	0	0	0	0	0	0	1	0	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0	0	0	0	1	1
-Genitourinary	179-189	0	0	0	0	0	0	0	2	2	2
-Lymphatic & Hematopoietic	200-208	0	0	0	0	0	0	0	1	0	1

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

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Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Women				Men					
		Age Group				Tot- al	Age Group				
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code										
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	2	2	4	0	0	1	1	6
ENDOCRINE/- METABOLIC/- IMMUNITY	240-279	0	0	4	1	5	0	0	2	7	14
-Thyroid Gland Disorders	240-246	0	0	1	0	1	0	0	0	2	3
-Other Endocrine Gland Dis	250-259	0	0	0	1	1	0	0	2	3	6
-Other Metabolic & Immunity Disorders	270-279	0	0	3	0	3	0	0	0	2	5
BLOOD & BLOOD- FORMING ORGANS	280-289	0	0	0	0	0	0	0	0	1	1
MENTAL DISORDERS	290-319	2	2	5	3	12	0	0	10	2	12
-Psychoses	290-299	0	0	0	0	0	0	0	1	0	1
-Non-Psychotic Disorders	300-302, 306-316	2	2	5	3	12	0	0	7	2	9
-Alcohol Dependence	303	0	0	0	0	0	0	0	2	0	2
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	2	2	4	2	10	0	2	6	12	20
											30

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

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Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Women				Men					
		Age Group				Tot- al	Age Group				
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code										
-Hereditary/Degenerative Central NS Dis	330-337	0	0	1	0	1	0	0	0	0	1
-Other Disorders of Central NS	340-349	1	1	1	0	3	0	0	2	0	5
-Disorders of Peripheral NS	350-359	0	1	1	1	3	0	0	2	5	10
-Disorders of Eye	360-379	0	0	0	1	1	0	0	1	6	7
-Dis of Ear & Mastoid	380-389	1	0	1	0	2	0	2	1	1	4
CIRCULATORY SYSTEM	390-459	0	2	2	5	9	0	0	20	16	36
-Hypertensive Dis	401-405	0	2	1	3	6	0	0	4	7	11
-Ischemic Heart Dis	410-414	0	0	0	0	0	0	0	8	5	13
-Dis of Pulmonary Circulation	415-417	0	0	0	0	0	0	0	1	0	1
-Other Heart Dis	420-429	0	0	0	0	0	0	0	2	3	5
-Cerebrovascular Dis	430-438	0	0	0	0	0	0	0	1	1	2
-Dis of Arteries & Capillaries	440-448	0	0	0	0	0	0	0	1	0	1

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

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Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Women				Men					
		Age Group				Tot- al	Age Group				
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code										
-Dis of Veins, Lymphatics, Other	451-459	0	0	1	2	3	0	0	3	0	3
RESPIRATORY SYSTEM	460-519	1	9	22	21	53	0	7	44	34	85
-Acute Respiratory Infections	460-466	0	4	7	5	16	0	2	9	3	14
-Other Dis Upper Respiratory Tract	470-478	1	2	6	5	14	0	2	9	11	22
-Pneumonia & Influenza	480-487	0	1	1	3	5	0	2	9	9	20
-Chronic Obstructive Dis	490-496	0	2	8	8	18	0	1	15	11	27
-Other Respiratory Dis	510-519	0	0	0	0	0	0	0	2	0	2
DIGESTIVE SYSTEM	520-579	1	1	6	14	22	0	3	12	10	25
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	2	2	0	1	1	1	3
-Esophagus, Stomach, Duodenum	530-537	0	1	1	0	2	0	0	0	0	2
-Appendicitis	540-543	0	0	0	1	1	0	0	0	0	1
-Hernia	550-553	0	0	0	2	2	0	1	4	5	10
											12

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

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Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Women				Men					
		Age Group				Tot- al	Age Group				
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code										
-Enteritis, Colitis	555-558	0	0	1	2	3	0	0	2	1	3 6
-Other Intestinal Dis	560-569	0	0	2	2	4	0	0	2	2	4 8
-Other Digestive Dis	570-579	1	0	2	5	8	0	1	3	1	5 13
GENITOURINARY SYSTEM	580-629	0	4	21	12	37	0	5	3	11	19 56
-Other Urinary Dis	590-599	0	2	3	3	8	0	4	2	7	13 21
-Male Genital Organ Dis	600-608	0	0	0	0	0	0	1	1	4	6 6
-Breast Disorders	610-611	0	1	0	2	3	0	0	0	0	0 3
-Other Female Disorders	617-629	0	1	18	7	26	0	0	0	0	0 26
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	2	0	2	0	0	2	1	3 5
-Infections	680-686	0	0	0	0	0	0	0	1	0	1 1
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	1	0	1 1
-Other	700-709	0	0	2	0	2	0	0	0	1	1 3
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	5	20	17	42	0	7	46	34	87 129

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

(Continued)

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Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Women				Men					
		Age Group				Tot- al	Age Group				
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code										
-Arthropathies	710-719	0	2	9	9	20	0	2	15	17	34 54
-Dorsopathies	720-724	0	1	6	5	12	0	4	19	13	36 48
-Rheumatism, Excluding Back	725-729	0	2	4	3	9	0	1	12	2	15 24
-Other Dis & Acquired Deformities	730-739	0	0	1	0	1	0	0	0	2	2 3
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	0	0	1	0	1 1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	1	4	4	10	0	0	8	6	14 24
-Symptoms	780-789	1	1	4	2	8	0	0	6	6	12 20
-Non-Specific Abnormal Findings	790-796	0	0	0	2	2	0	0	2	0	2 4
INJURY & POISONING	800-999	3	0	16	10	29	1	7	28	32	68 97
-Fracture - Neck, Trunk	805-809	0	0	0	1	1	0	0	1	1	2 3
-Fracture - Upper Limb	810-819	1	0	2	5	8	0	2	3	5	10 18
-Fracture - Lower Limb	820-829	0	0	2	1	3	0	0	2	3	5 8
-Dislocation	830-839	0	0	1	1	2	0	0	1	2	3 5

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

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Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Women				Men					
		Age Group				Tot- al	Age Group				
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code										
-Sprains & Strains - Back	846-847	0	0	3	0	3	0	5	8	5	18 21
-Sprains & Strains - Other	840-845, 848	1	0	6	1	8	1	0	6	9	16 24
-Intracranial Injury	850-854	0	0	0	0	0	0	0	1	0	1 1
-Open Wound Upper Limb	880-887	0	0	0	0	0	0	0	1	0	1 1
-Open Wound Lower Limb	890-897	0	0	0	0	0	0	0	2	1	3 3
-Superficial Injury	910-919	0	0	0	0	0	0	0	1	0	1 1
-Contusion	920-924	1	0	0	0	1	0	0	1	2	3 4
-Burns	940-949	0	0	1	0	1	0	0	0	3	3 4
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	0	0	1	0	1 1
-Unspecified Effects External Causes	990-995	0	0	0	1	1	0	0	0	0	0 1
-Complications of Surgical/Medical Care	996-999	0	0	1	0	1	0	0	0	1	1 2
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	0	1	1	2	0	0	0	0	0 2

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

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Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Women				Men					
		Age Group				Tot- al	Age Group				
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code										
-Specific Procedures-/Aftercare	V50-V59	0	0	1	1	2	0	0	0	0	2
Total		10	29	114	95	248	1	33	190	174	398
											646

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

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

		Women				Men					
		Age Group				Tot- al	Age Group				
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	46	52	21	119	0	53	72	49	174 293
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	0	0	14	123	137	137
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	90	32	122	0	0	8	94	102 224
ENDOCRINE/- METABOLIC/- IMMUNITY	240-279	0	0	76	24	100	0	0	19	96	115 215
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	0	0	0	0	43	43 43
MENTAL DISORDERS	290-319	182	7	148	31	368	0	0	181	142	323 691
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	189	112	55	34	390	0	25	72	388	485 875
CIRCULATORY SYSTEM	390-459	0	45	16	68	129	0	0	733	292	1025 1154
RESPIRATORY SYSTEM	460-519	7	120	261	248	636	0	65	443	455	963 1599
DIGESTIVE SYSTEM	520-579	9	17	97	399	522	0	44	235	261	540 1062
GENITOURINARY SYSTEM	580-629	0	101	468	281	850	0	61	71	239	371 1221
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	34	0	34	0	0	30	14	44 78

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

		Women				Men						
		Age Group				Tot- al	Age Group					
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +	Tot- al	Tot- al
Diagnostic Category	ICD-9-CM Code											
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	363	1313	787	2463	0	426	1652	2193	4271	6734
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	0	0	14	0	14	14
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	8	43	47	63	161	0	0	122	73	195	356
INJURY & POISONING	800-999	22	0	339	255	616	14	65	572	891	1542	2158

*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 J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Women									Total
		Job Category									
		Admi- nist- ra- tive	Man- a- ge- ment	Prof- es- si- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers		
Diagnostic Category	ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	7	0	0	0	0	1	0	3	11	
-Intestinal Infectious Dis	001-009	1	0	0	0	0	0	0	0	1	
-Other Bacterial Dis	030-041	1	0	0	0	0	0	0	0	1	
-Viral Dis with Exanthem	050-057	1	0	0	0	0	0	0	0	1	
-Other Viral Dis & Chlamydiae	070-079	4	0	0	0	0	1	0	3	8	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	2	0	0	0	1	0	1	0	4	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	1	2	0	0	0	2	5	
-Thyroid Gland Disorders	240-246	0	0	1	0	0	0	0	0	1	
-Other Endocrine Gland Dis	250-259	0	0	0	0	0	0	0	1	1	
-Other Metabolic & Immunity Disorders	270-279	0	0	0	2	0	0	0	1	3	
MENTAL DISORDERS	290-319	4	1	2	0	1	1	0	3	12	

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

(Continued)

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Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Women									Total	
		Job Category										
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers			
Diagnostic Category	ICD-9-CM Code											
-Non-Psychotic Disorders	300-302, 306-316	4	1	2	0	1	1	0	3	12		
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	6	0	1	0	0	0	1	2	10		
-Hereditary/- Degenerative Central NS Dis	330-337	1	0	0	0	0	0	0	0	1		
-Other Disorders of Central NS	340-349	2	0	0	0	0	0	1	0	3		
-Disorders of Peripheral NS	350-359	2	0	0	0	0	0	0	1	3		
-Disorders of Eye	360-379	0	0	1	0	0	0	0	0	1		
-Dis of Ear & Mastoid	380-389	1	0	0	0	0	0	0	1	2		
CIRCULATORY SYSTEM	390-459	1	0	2	0	1	0	2	3	9		
-Hypertensive Dis	401-405	1	0	0	0	1	0	1	3	6		
-Dis of Veins, Lymphatics, Other	451-459	0	0	2	0	0	0	1	0	3		
RESPIRATORY SYSTEM	460-519	29	0	11	3	0	2	0	8	53		
-Acute Respiratory Infections	460-466	8	0	4	2	0	1	0	1	16		

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

(Continued)

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Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Women									Total	
		Job Category										
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers			
Diagnostic Category	ICD-9-CM Code											
-Other Dis Upper Respiratory Tract	470-478	8	0	3	0	0	0	0	3	14		
-Pneumonia & Influenza	480-487	2	0	1	0	0	0	0	2	5		
-Chronic Obstructive Dis	490-496	11	0	3	1	0	1	0	2	18		
DIGESTIVE SYSTEM	520-579	14	1	1	2	1	1	0	2	22		
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	1	0	0	0	0	0	2		
-Esophagus, Stomach, Duodenum	530-537	1	0	0	0	0	0	0	1	2		
-Appendicitis	540-543	1	0	0	0	0	0	0	0	1		
-Hernia	550-553	1	0	0	1	0	0	0	0	2		
-Enteritis, Colitis	555-558	1	0	0	1	0	0	0	1	3		
-Other Intestinal Dis	560-569	4	0	0	0	0	0	0	0	4		
-Other Digestive Dis	570-579	5	1	0	0	1	1	0	0	8		
GENITOURINARY SYSTEM	580-629	16	5	3	0	0	5	1	7	37		
-Other Urinary Dis	590-599	2	0	0	0	0	1	1	4	8		

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

(Continued)

Oak Ridge National Laboratory 2001

Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Women									Total	
		Job Category										
		Admi- nistrati- ve	Manag- ement	Profes- sional	Engi- neering	Scie- ntists	Tech- nici- ans	Craf- ts	Labo- rers			
Diagnostic Category	ICD-9-CM Code											
-Breast Disorders	610-611	2	0	0	0	0	0	0	1	3		
-Other Female Disorders	617-629	12	5	3	0	0	4	0	2	26		
SKIN & SUBCUTANEOUS TISSUE	680-709	2	0	0	0	0	0	0	0	2		
-Other	700-709	2	0	0	0	0	0	0	0	2		
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	16	1	7	0	0	4	0	14	42		
-Arthropathies	710-719	10	1	2	0	0	2	0	5	20		
-Dorsopathies	720-724	1	0	3	0	0	2	0	6	12		
-Rheumatism, Excluding Back	725-729	5	0	1	0	0	0	0	3	9		
-Other Dis & Acquired Deformities	730-739	0	0	1	0	0	0	0	0	1		
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	4	0	1	1	2	1	0	1	10		
-Symptoms	780-789	3	0	1	0	2	1	0	1	8		
-Non-Specific Abnormal Findings	790-796	1	0	0	1	0	0	0	0	2		
INJURY & POISONING	800-999	15	0	3	0	1	4	1	5	29		

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

(Continued)

Oak Ridge National Laboratory 2001

Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Women									Total
		Job Category									
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers		
Diagnostic Category	ICD-9-CM Code										
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	0	0	1	1	
-Fracture - Upper Limb	810-819	3	0	0	0	1	2	0	2	8	
-Fracture - Lower Limb	820-829	2	0	0	0	0	1	0	0	3	
-Dislocation	830-839	1	0	0	0	0	0	0	1	2	
-Sprains & Strains - Back	846-847	0	0	2	0	0	0	1	0	3	
-Sprains & Strains - Other	840-845, 848	6	0	1	0	0	0	0	1	8	
-Contusion	920-924	1	0	0	0	0	0	0	0	1	
-Burns	940-949	0	0	0	0	0	1	0	0	1	
-Unspecified Effects - External Causes	990-995	1	0	0	0	0	0	0	0	1	
-Complications of Surgical/Medical Care	996-999	1	0	0	0	0	0	0	0	1	
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	2	0	0	0	0	0	0	0	2	
-Specific Procedures/Aftercare	V50-V59	2	0	0	0	0	0	0	0	2	
Total		118	8	32	8	7	19	6	50	248	

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

(Continued)

Oak Ridge National Laboratory 2001

Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Men										Total
		Job Category										
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators		
Diagnostic Category	ICD-9-CM Code											
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	2	1	2	0	0	4	1	1	11	
-Other Bacterial Dis	030-041	0	0	1	0	0	0	1	0	0	2	
-Viral Dis with Exanthem	050-057	0	1	0	1	0	0	1	0	0	3	
-Other Viral Dis & Chlamydiae	070-079	0	1	0	0	0	0	1	1	1	4	
-Mycoses	110-118	0	0	0	1	0	0	0	0	0	1	
-Late Effects	137-139	0	0	0	0	0	0	1	0	0	1	
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	2	1	0	1	0	1	5	
-Digestive & Peritoneal	150-159	0	0	0	1	0	0	0	0	0	1	
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0	0	1	0	0	1	
-Genitourinary	179-189	0	0	0	1	1	0	0	0	0	2	
-Lymphatic & Hematopoietic	200-208	0	0	0	0	0	0	0	0	1	1	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	1	0	0	0	0	0	1	2	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	3	0	1	1	0	4	0	0	9	

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

(Continued)

Oak Ridge National Laboratory 2001

Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Men										Total
		Job Category										
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators		
Diagnostic Category	ICD-9-CM Code											
-Thyroid Gland Disorders	240-246	0	1	0	0	0	0	1	0	0	2	
-Other Endocrine Gland Dis	250-259	0	2	0	1	1	0	1	0	0	5	
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	0	0	2	0	0	2	
BLOOD & BLOOD FORMING ORGANS	280-289	0	0	0	1	0	0	0	0	0	1	
MENTAL DISORDERS	290-319	0	0	0	0	1	1	10	0	0	12	
-Psychoses	290-299	0	0	0	0	0	0	1	0	0	1	
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	0	1	0	8	0	0	9	
-Alcohol Dependence	303	0	0	0	0	0	1	1	0	0	2	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0	0	0	2	0	14	3	0	20	
-Other Disorders of Central NS	340-349	0	0	0	0	0	0	2	0	0	2	
-Disorders of Peripheral NS	350-359	0	0	0	0	1	0	5	1	0	7	
-Disorders of Eye	360-379	1	0	0	0	0	0	5	1	0	7	

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

(Continued)

Oak Ridge National Laboratory 2001

Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Men										Total
		Job Category										
		Admi- nist- ra- tive	Man- a- ge- ment	Prof- es- si- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators		
Diagnostic Category	ICD-9-CM Code											
-Dis of Ear & Mastoid	380-389	0	0	0	0	1	0	2	1	0	4	
CIRCULATORY SYSTEM	390-459	0	4	5	1	2	4	12	8	0	36	
-Hypertensive Dis	401-405	0	0	1	1	0	1	5	3	0	11	
-Ischemic Heart Dis	410-414	0	4	2	0	0	3	3	1	0	13	
-Dis of Pulmonary Circulation	415-417	0	0	1	0	0	0	0	0	0	1	
-Other Heart Dis	420-429	0	0	0	0	2	0	3	0	0	5	
-Cerebrovascular Dis	430-438	0	0	1	0	0	0	1	0	0	2	
-Dis of Arteries & Capillaries	440-448	0	0	0	0	0	0	0	1	0	1	
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	0	0	0	0	3	0	3	
RESPIRATORY SYSTEM	460-519	0	1	8	10	5	15	24	21	1	85	
-Acute Respiratory Infections	460-466	0	1	1	0	1	3	3	5	0	14	
-Other Dis Upper Respiratory Tract	470-478	0	0	3	5	3	1	3	7	0	22	

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

(Continued)

Oak Ridge National Laboratory 2001

Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Men										Total
		Job Category										
		Admi- nist- ra- tive	Ma- na- ge- ment	Pro- fes- si- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators		
Diagnostic Category	ICD-9-CM Code											
-Pneumonia & Influenza	480-487	0	0	2	2	0	4	9	2	1	20	
-Chronic Obstructive Dis	490-496	0	0	2	3	1	6	8	7	0	27	
-Other Respiratory Dis	510-519	0	0	0	0	0	1	1	0	0	2	
DIGESTIVE SYSTEM	520-579	0	5	3	2	1	4	4	5	1	25	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	1	0	0	0	0	1	1	0	3	
-Hernia	550-553	0	3	1	2	1	0	1	1	1	10	
-Enteritis, Colitis	555-558	0	0	0	0	0	1	1	1	0	3	
-Other Intestinal Dis	560-569	0	1	1	0	0	1	0	1	0	4	
-Other Digestive Dis	570-579	0	0	1	0	0	2	1	1	0	5	
GENITOURINARY SYSTEM	580-629	0	2	1	3	1	1	9	2	0	19	
-Other Urinary Dis	590-599	0	1	1	3	1	0	6	1	0	13	
-Male Genital Organ Dis	600-608	0	1	0	0	0	1	3	1	0	6	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	1	1	0	1	0	0	3	

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

(Continued)

Oak Ridge National Laboratory 2001

Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Men										Total	
		Job Category											
		Admi- nistrati- ve	Manag- ement	Prof- essio- nal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators			
Diagnostic Category	ICD-9-CM Code												
-Infections	680-686	0	0	0	0	1	0	0	0	0	1		
-Other Inflammatory Conditions	690-698	0	0	0	1	0	0	0	0	0	1		
-Other	700-709	0	0	0	0	0	0	1	0	0	1		
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	9	5	4	5	9	28	21	5	87		
-Arthropathies	710-719	1	5	1	0	1	6	10	7	3	34		
-Dorsopathies	720-724	0	3	4	2	4	3	10	8	2	36		
-Rheumatism, Excluding Back	725-729	0	1	0	2	0	0	6	6	0	15		
-Other Dis & Acquired Deformities	730-739	0	0	0	0	0	0	2	0	0	2		
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	0	1	0	0	1		
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	3	1	1	2	3	4	0	14		
-Symptoms	780-789	0	0	2	1	1	2	3	3	0	12		
-Non-Specific Abnormal Findings	790-796	0	0	1	0	0	0	0	1	0	2		
INJURY & POISONING	800-999	0	10	2	8	3	8	17	16	4	68		

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

(Continued)

Oak Ridge National Laboratory 2001

Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Men										Total
		Job Category										
		Admi- nist- ra- tive	Man- a- ge- ment	Prof- es- si- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators		
Diagnostic Category	ICD-9-CM Code											
-Fracture - Neck, Trunk	805-809	0	1	0	1	0	0	0	0	0	2	
-Fracture - Upper Limb	810-819	0	2	0	2	1	0	2	2	1	10	
-Fracture - Lower Limb	820-829	0	1	0	0	1	1	2	0	0	5	
-Dislocation	830-839	0	2	0	0	0	1	0	0	0	3	
-Sprains & Strains - Back	846-847	0	0	0	0	0	2	6	8	2	18	
-Sprains & Strains - Other	840-845, 848	0	2	2	2	1	0	4	5	0	16	
-Intracranial Injury	850-854	0	0	0	0	0	0	1	0	0	1	
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	1	0	1	
-Open Wound - Lower Limb	890-897	0	0	0	0	0	2	0	0	1	3	
-Superficial Injury	910-919	0	0	0	0	0	1	0	0	0	1	
-Contusion	920-924	0	1	0	0	0	1	1	0	0	3	
-Burns	940-949	0	0	0	3	0	0	0	0	0	3	
-Toxic Effects - Non medicinal	980-989	0	0	0	0	0	0	1	0	0	1	
-Complications of Surgical/Medical Care	996-999	0	1	0	0	0	0	0	0	0	1	
Total		2	36	29	36	24	44	132	81	14	398	

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

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

		Women									Total	
		Job Category										
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers			
Diagnostic Category	ICD-9-CM Code											
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	78	0	0	0	0	12	0	29	119		
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	90	0	0	0	7	0	25	0	122		
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	14	46	0	0	0	40	100		
MENTAL DISORDERS	290-319	191	11	7	0	22	25	0	112	368		
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	335	0	14	0	0	0	6	35	390		
CIRCULATORY SYSTEM	390-459	9	0	28	0	22	0	16	54	129		
RESPIRATORY SYSTEM	460-519	379	0	134	27	0	19	0	77	636		
DIGESTIVE SYSTEM	520-579	324	21	28	27	7	9	0	106	522		
GENITOURINARY SYSTEM	580-629	408	99	58	0	0	156	6	123	850		
SKIN & SUBCUTANEOUS TISSUE	680-709	34	0	0	0	0	0	0	0	34		
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	746	96	215	0	0	229	0	1177	2463		

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

(Continued)

Oak Ridge National Laboratory 2001

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

		Women								Total	
		Job Category									
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers		
Diagnostic Category	ICD-9-CM Code										
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	42	0	11	20	29	43	0	16	161	
INJURY & POISONING	800-999	224	0	62	0	10	112	11	197	616	

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

(Continued)

Oak Ridge National Laboratory 2001

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

		Men									
		Job Category									Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	30	7	53	0	0	51	26	7	174
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	89	28	0	13	0	7	137
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	94	0	0	0	0	0	8	102
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	35	0	8	12	0	60	0	0	115
BLOOD & BLOOD FORMING ORGANS	280-289	0	0	0	43	0	0	0	0	0	43
MENTAL DISORDERS	290-319	0	0	0	0	21	87	215	0	0	323
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	12	0	0	0	30	0	404	39	0	485
CIRCULATORY SYSTEM	390-459	0	102	131	19	54	140	429	150	0	1025
RESPIRATORY SYSTEM	460-519	0	8	115	93	33	152	334	208	20	963
DIGESTIVE SYSTEM	520-579	0	110	113	28	18	61	93	96	21	540
GENITOURINARY SYSTEM	580-629	0	85	13	30	21	36	165	21	0	371
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	19	11	0	14	0	0	44

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

(Continued)

Oak Ridge National Laboratory 2001

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

		Men										Total
		Job Category										
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators		
Diagnostic Category	ICD-9-CM Code											
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	21	263	99	124	61	210	2218	953	322	4271	
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	0	14	0	0	14	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	21	10	9	33	50	72	0	195	
INJURY & POISONING	800-999	0	109	18	139	58	194	554	403	67	1542	

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

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Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined

Part 1. Age-Adjusted Rates for All Diagnoses Combined by Gender from 1999 to 2001

Rate per 1,000

Year	All Diagnoses Combined					
	Men			Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1999	54	63	75	81	98	120
2000	105	123	144	124	152	187
2001	83	97	113	155	193	241

Part 2. Age-Adjusted Rates for Selected Diagnostic Categories by Gender from 1999 to 2001

Rate per 1,000 Men

Year	Nervous System			Chronic Respiratory			Muscles & Skeleton			Injury		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	1	2	4	3	5	7	10	13	17	4	6	8
2000	3	5	7	3	5	7	19	23	29	15	25	42
2001	3	4	7	4	6	9	16	20	25	12	22	37

Rate per 1,000 Women

Year	Nervous System			Chronic Respiratory			Muscles & Skeleton			Injury		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	4	7	12	6	10	18	7	11	16	4	7	12
2000	2	9	33	9	13	19	20	28	39	11	16	24
2001	6	17	48	6	10	17	17	24	34	16	32	64

(Continued)

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Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined

Part 3. Age-Adjusted Rates for All Diagnoses Combined by Gender and Job Category from 1999 to 2001

Rate per 1,000 Men

Men	Administrative			Management			Professional			Engineering		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	11	81	576	19	35	65	26	41	64	13	21	32
2000	37	114	352	46	70	105	30	45	67	24	34	48
2001	20	85	367	44	67	101	35	52	77	28	39	55

	Scientists			Technicians			Crafts			Laborers		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	13	21	35	74	114	176	158	206	269	99	139	196
2000	29	41	58	160	218	297	249	302	367	219	294	394
2001	17	26	39	84	114	154	193	240	299	268	347	450

	Operators			Unknown		
Year	Lower	Mid	Upper	Lower	Mid	Upper
1999	62	115	216	1	5	38
2000	287	782	2134	11	35	113
2001	89	156	272	*	*	*

Rate per 1,000 Women

Women	Administrative			Management			Professional			Engineering		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	89	114	146	30	65	140	42	114	307	1	7	52
2000	136	197	287	33	68	138	44	78	136	27	70	185
2001	184	249	336	24	48	99	50	73	106	46	100	214

	Scientists			Technicians			Crafts			Laborers		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	12	29	71	59	99	168	152	387	989	171	255	380
2000	19	46	114	132	206	320	293	562	1079	345	479	664
2001	21	46	98	71	122	209	79	192	466	407	567	790

	Operators			Unknown		
Year	Lower	Mid	Upper	Lower	Mid	Upper
1999	0	0	0	15	35	86
2000	110	340	1056	1	4	31
2001	0	0	0	*	*	*

*No workers in this category.

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Appendix M. Diseases and Injuries by Diagnostic Category**Part 1. Men**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	11	2.7	1.4	5.1
Malignant Neoplasms	140-208, 230-234	5	1.3	0.5	3.3
-Digestive Organs	150-159	1	0.2	0.0	1.4
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	2	0.7	0.2	3.0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	1	0.2	0.0	1.4
Benign Neoplasms & Other	210-229, 235-239	2	0.4	0.1	1.6
Endocrine & Metabolic Diseases	240-279	9	1.9	1.0	3.8
Blood & Blood-Forming Organs	280-289	1	0.2	0.0	1.4
Mental Disorders	290-319	12	2.6	1.4	4.6
-Alcoholism	303	2	0.4	0.1	1.6
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	20	4.4	2.8	7.1
Circulatory System	390-459	36	7.6	5.4	10.6
-Hypertension	401	11	2.3	1.3	4.3
-Acute Myocardial Infarction	410	3	0.6	0.2	1.8
-Ischemic Disease, not M.I.	411-414, 429.2	10	2.3	1.2	4.4
-Cerebrovascular Disease	430-438	2	0.4	0.1	1.6
Respiratory System	460-519	85	19.1	15.3	24.0
-Upper Respiratory	460-465, 470-478	34	7.9	5.5	11.4
-Pneumonia/Bronchitis	466, 480-487	22	5.0	3.2	7.9
-Chronic Respiratory Conditions	490-496	27	5.8	3.9	8.5
Digestive System	520-579	25	6.1	4.0	9.2
-Hernias	550-553	10	2.4	1.2	4.7
-Gallbladder Disease	574-575	4	1.1	0.4	3.1
Genitourinary System	580-629	19	5.4	3.3	8.8
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	3	0.8	0.2	2.5
Musculoskeletal System	710-739	87	19.9	15.9	24.8
-Dorsopathies	720-724	36	8.5	6.0	12.1
Congenital Anomalies	740-759	1	0.2	0.0	1.4
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	14	2.9	1.7	5.0
Injury & Poisoning	800-999	68	21.5	12.3	37.4
-Fractures, All Sites	800-829	17	4.0	2.4	6.7
-Dislocations	830-839	3	0.6	0.2	1.8
-Sprains & Strains	840-848	34	14.1	6.2	32.2
-Intracranial Injuries	850-854	1	0.2	0.0	1.4
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	4	0.8	0.3	2.1
-Other Injuries	900-999	9	1.8	0.9	3.4
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		398	97.0	83.3	113.0

* Includes all diagnoses reported with an absence of 5 or more days.

**Standardized to age distribution of 1970 U.S. population.

(Continued)

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Appendix M. Diseases and Injuries by Diagnostic Category**Part 2. Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	11	6.2	3.3	11.5
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	4	1.9	0.7	5.0
Endocrine & Metabolic Diseases	240-279	5	2.1	0.9	5.2
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	12	18.7	7.2	48.6
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	10	16.9	5.9	47.9
Circulatory System	390-459	9	6.0	2.9	12.4
-Hypertension	401	6	4.6	1.9	11.0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	53	34.8	22.7	53.2
-Upper Respiratory	460-465, 470-478	24	18.8	9.2	38.3
-Pneumonia/Bronchitis	466, 480-487	11	6.0	3.2	11.0
-Chronic Respiratory Conditions	490-496	18	10.0	6.1	16.7
Digestive System	520-579	22	16.9	7.8	36.6
-Hernias	550-553	2	1.0	0.3	4.2
-Gallbladder Disease	574-575	7	9.3	2.4	35.6
Genitourinary System	580-629	37	20.0	14.0	28.5
-Endometriosis	617	1	0.4	0.1	2.9
-Ovarian Cysts	620.0-620.2	1	0.4	0.1	2.9
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	2	0.8	0.2	3.2
Musculoskeletal System	710-739	42	24.0	17.1	33.5
-Dorsopathies	720-724	12	5.9	3.3	10.6
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	10	11.7	3.9	35.2
Injury & Poisoning	800-999	29	32.2	16.3	63.8
-Fractures, All Sites	800-829	12	13.3	5.0	35.8
-Dislocations	830-839	2	0.9	0.2	3.8
-Sprains & Strains	840-848	11	10.4	3.1	34.6
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	0	0	0	0
-Other Injuries	900-999	4	7.6	1.5	38.6
Health Status/Health Serv Contact	V01-V82	2	0.9	0.2	3.8
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	2	0.9	0.2	3.8
Total		248	193.1	154.7	240.9

* Includes all diagnoses reported with an absence of 5 or more days.

** Standardized to age distribution of 1970 U.S. population.

***Only women aged 18-45 were included in the calculation of the rates for these diagnostic categories.

(Continued)

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Appendix M. Diseases and Injuries by Diagnostic Category**Part 3. Men and Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	22	3.8	2.4	6.0
Malignant Neoplasms	140-208, 230-234	5	1.0	0.4	2.6
-Digestive Organs	150-159	1	0.1	0.0	0.9
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	2	0.6	0.1	2.4
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	1	0.1	0.0	0.9
Benign Neoplasms & Other	210-229, 235-239	6	0.8	0.4	1.8
Endocrine & Metabolic Diseases	240-279	14	2.1	1.2	3.6
Blood & Blood-Forming Organs	280-289	1	0.1	0.0	1.0
Mental Disorders	290-319	24	9.6	4.0	23.1
-Alcoholism	303	2	0.3	0.1	1.1
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	30	10.5	4.7	23.5
Circulatory System	390-459	45	7.1	5.2	9.7
-Hypertension	401	17	3.0	1.8	5.0
-Acute Myocardial Infarction	410	3	0.4	0.1	1.3
-Ischemic Disease, not M.I.	411-414, 429.2	10	1.7	0.9	3.2
-Cerebrovascular Disease	430-438	2	0.3	0.1	1.1
Respiratory System	460-519	138	25.0	18.9	33.1
-Upper Respiratory	460-465, 470-478	58	12.4	7.4	20.8
-Pneumonia/Bronchitis	466, 480-487	33	5.3	3.7	7.7
-Chronic Respiratory Conditions	490-496	45	7.0	5.1	9.5
Digestive System	520-579	47	10.3	5.6	18.9
-Hernias	550-553	12	2.0	1.1	3.6
-Gallbladder Disease	574-575	11	4.5	1.2	16.8
Genitourinary System	580-629	56	9.8	7.4	13.0
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	1	0.1	0.0	0.9
-Ovarian Cysts	620.0-620.2	1	0.1	0.0	0.9
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	5	0.8	0.3	2.1
Musculoskeletal System	710-739	129	20.9	17.4	25.1
-Dorsopathies	720-724	48	7.7	5.7	10.4
Congenital Anomalies	740-759	1	0.1	0.0	0.9
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	24	6.6	2.6	16.6
Injury & Poisoning	800-999	97	26.8	17.0	42.2
-Fractures, All Sites	800-829	29	7.6	3.4	17.1
-Dislocations	830-839	5	0.7	0.3	1.7
-Sprains & Strains	840-848	45	13.1	6.8	25.3
-Intracranial Injuries	850-854	1	0.1	0.0	0.9
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	4	0.5	0.2	1.4
-Other Injuries	900-999	13	4.6	1.3	16.7
Health Status/Health Serv Contact	V01-V82	2	0.3	0.1	1.1
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	2	0.3	0.1	1.1
Total		646	135.7	116.0	158.6

* Includes all diagnoses reported with an absence of 5 or more days.

** Standardized to age distribution of 1970 U.S. population.

***Only women aged 18-45 were included in the calculation of the rates for these diagnostic categories.

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Appendix N. Relative Risk Estimates for Selected Diagnostic Categories Among 5-Day Absences

Diagnostic Category	Administrative 545 Person-Years				Management 470 Person-Years				Professional 624 Person-Years			
	Persons with 1+ Even t*	RR**	Low r 95% CI** *	Uppe r 95% CI** *	Persons with 1+ Even t*	RR**	Low r 95% CI** *	Uppe r 95% CI** *	Persons with 1+ Even t*	RR**	Low r 95% CI** *	Uppe r 95% CI** *
All Diagnostic Categories	78	1.3	1.0	1.8	35	0.7	0.5	1.0	45	0.6	0.5	0.9
Infectious & Parasitic Diseases	7	2.6	0.8	8.8	2	0.9	0.2	4.3	1	0.2	0.03	1.6
Endocrine/Metabolic/Immunity	0				2	1.3	0.3	6.1	1	0.4	0.05	3.5
Mental Disorders	2	0.4	0.1	2.1	1	0.7	0.1	5.1	1	0.3	0.04	2.5
Nervous System & Sense Organs	6	2.4	0.7	7.4	0				1	0.2	0.03	1.7
Circulatory System	1	0.2	0.02	1.5	4	0.8	0.3	2.2	7	1.4	0.6	3.2
Respiratory System	25	1.7	1.0	3.1	1	0.1	0.01	0.5	15	0.8	0.5	1.4
Digestive System	13	2.0	0.8	4.7	6	1.3	0.5	3.2	4	0.5	0.2	1.4
Genitourinary System	9	0.9	0.4	2.3	5	1.3	0.5	3.3	3	0.4	0.1	1.2
Musculoskeletal & Connective Tissue	16	1.0	0.6	2.0	10	0.8	0.4	1.5	10	0.5	0.3	1.0
Symptoms, Signs, & Ill-Defined Conditions	4	0.9	0.2	3.3	0				4	1.1	0.4	3.1
Injury & Poisoning	10	1.1	0.5	2.5	7	0.8	0.4	1.8	3	0.2	0.1	0.8
-Fracture-Upper Limb	3	0.7	0.2	2.9	1	0.6	0.1	4.2	0			
-Sprains & Strains-Back	0				0				1	0.3	0.04	3.1
-Sprains & Strains-Other	6	4.0	0.8	19.5	2	0.7	0.2	3.1	2	0.5	0.1	2.2

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

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

***CI = Confidence Limit

(Continued)

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Appendix N. Relative Risk Estimates for Selected Diagnostic Categories Among 5-Day Absences

Diagnostic Category	Engineering 690 Person-Years				Scientists 782 Person-Years				Technicians 384 Person-Years			
	Persons with 1+ Even t*	RR**	Lowe r 95% CI** *	Uppe r 95% CI** *	Persons with 1+ Even t*	RR**	Lowe r 95% CI** *	Uppe r 95% CI** *	Persons with 1+ Even t*	RR**	Lowe r 95% CI** *	Uppe r 95% CI** *
All Diagnostic Categories	31	0.4	0.3	0.6	20	0.2	0.1	0.4	47	1.4	1.0	1.8
Infectious & Parasitic Diseases	2	0.6	0.1	2.8	0				1	0.5	0.1	3.3
Endocrine/Metabolic/Immunity	3	1.7	0.5	5.4	1	0.4	0.05	3.0	0			
Mental Disorders	0				2	0.9	0.2	4.2	2	1.4	0.3	6.0
Nervous System & Sense Organs	0				2	0.4	0.1	1.6	0			
Circulatory System	1	0.1	0.02	0.9	3	0.4	0.1	1.1	3	1.0	0.3	3.4
Respiratory System	12	0.7	0.4	1.2	4	0.2	0.1	0.5	13	1.3	0.7	2.4
Digestive System	4	0.6	0.2	1.6	2	0.2	0.1	0.9	5	1.3	0.5	3.6
Genitourinary System	2	0.4	0.1	1.6	1	0.1	0.02	1.0	5	1.5	0.6	4.0
Musculoskeletal & Connective Tissue	4	0.2	0.1	0.5	4	0.2	0.1	0.5	12	1.3	0.7	2.4
Symptoms, Signs, & Ill-Defined Conditions	2	0.6	0.1	2.2	3	0.7	0.2	2.3	3	1.5	0.4	4.9
Injury & Poisoning	4	0.3	0.1	0.8	3	0.2	0.1	0.6	11	1.9	1.0	3.6
-Fracture- Upper Limb	1	0.4	0.1	3.7	2	0.8	0.2	3.3	2	1.5	0.4	6.3
-Sprains & Strains-Back	0				0				2	1.2	0.3	5.2
-Sprains & Strains-Other	2	0.5	0.1	2.3	1	0.2	0.03	1.6	0			

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

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

***CI = Confidence Limit

(Continued)

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Appendix N. Relative Risk Estimates for Selected Diagnostic Categories Among 5-Day Absences

Diagnostic Category	Crafts 379 Person-Years				Laborers 238 Person-Years				Operators 68 Person-Years				Total Persons with 1+ Even t*
	Persons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI** *	Persons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI** *	Persons with 1+ Even t*	RR**	Lower 95% CI*** *	Upper 95% CI** *	
All Diagnostic Categories	78	2.5	2.0	3.3	75	3.7	2.9	4.8	12	1.9	1.1	3.4	421
Infectious & Parasitic Diseases	4	3.7	1.1	13.0	4	3.8	1.3	11.2	1	3.8	0.5	29.9	22
Endocrine/Metabolic/Immunity	4	5.2	1.3	20.1	2	3.6	0.8	16.9	0				13
Mental Disorders	4	9.0	1.9	42.1	3	4.5	1.3	16.1	0				15
Nervous System & Sense Organs	12	12.4	4.8	31.8	5	4.5	1.7	11.9	0				26
Circulatory System	11	3.2	1.6	6.4	8	4.9	2.2	10.8	0				38
Respiratory System	21	2.7	1.6	4.5	22	4.1	2.6	6.6	1	0.6	0.1	4.2	114
Digestive System	4	1.2	0.4	3.5	7	2.9	1.3	6.4	1	1.6	0.2	11.3	46
Genitourinary System	9	5.4	2.3	12.5	6	3.0	1.3	7.0	0				40
Musculoskeletal & Connective Tissue	22	2.7	1.6	4.4	28	5.8	3.8	9.0	4	2.3	0.8	6.4	110
Symptoms, Signs, & Ill-Defined Conditions	3	1.6	0.4	5.6	5	4.7	1.8	12.5	0				24
Injury & Poisoning	14	2.5	1.3	4.5	16	4.9	2.8	8.8	4	3.6	1.3	10.2	72
-Fracture- Upper Limb	2	2.0	0.4	10.3	4	5.7	1.8	17.9	1	5.5	0.7	42.5	16
-Sprains & Strains-Back	7	5.7	2.1	15.4	6	8.1	3.0	21.6	2	5.7	1.3	25.4	18
-Sprains & Strains-Other	4	2.2	0.7	7.1	6	6.7	2.4	18.3	0				23

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

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

***CI = Confidence Limit

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Appendix 0. Sentinel Health Events for Occupations (SHEO)

The following two tables list the disease conditions that have been identified as definitely SHEOs or as possibly SHEOs, respectively (Rutstein DD 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 diagnoses called *production* and *nonproduction*. These are designated in the last column of each table, labelled *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*.

Diagnoses - Possibly 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
354	Carpal tunnel syndrome	Non-production
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	Coalworker'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	Non-production

(Continued)

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Appendix 0. Sentinel Health Events for Occupations (SHEO)

Diagnoses - 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	Non-production
042	Human immuno-deficiency virus	
056	Rubella	
070.0, 070.1	Hepatitis A	
070.2, 070.3	Hepatitis B	
070.4	Non-A, non-B hepatitis	
071	Rabies	Non-production
073	Ornithosis	
082.0	Rocky Mountain spotted fever	
100.8	Leptospirosis	
115	Histoplasmosis	Non-production
117.1	Sporotrichosis	
147	Malignant neoplasm of nasopharynx	Non-production
160.0	Malignant neoplasm of nasal cavities	Non-production
161	Malignant neoplasm of larynx	Production
162	Malignant neoplasm of trachea, bronchus, and lung	Production
170	Malignant neoplasm of bone	Production

(Continued)

Diagnoses - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
188	Malignant neoplasm of bladder	Production
189	Malignant neoplasm of kidney, other, and unspecified urinary organs	Non-production
204.0	Lymphoid leukemia, acute	Production
205.0	Myeloid leukemia, acute	Production
207.0	Erythroleukemia	Production
283.1	Hemolytic anemia, nonautoimmune	
284.8	Aplastic anemia	Production
288.0	Agranulocytosis or neutropenia	Production
289.7	Methemoglobinemia	Non-production
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
388.1	Noise effects on inner ear	Production
443.0	Raynaud's phenomenon (secondary)	Non-production
493.0, 507.8	Extrinsic asthma	Non-production
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 P. Number of Workers with at Least One OSHA Event by Gender, Age, and Job Category*

	Women					Men						
	Age Group				Total	Age Group			Total	Total		
	16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +				
Job Category												
Administrative	1	2	2	7	12	0	0	0	0	12		
Management	0	0	0	0	0	1	2	0	3	3		
Professional	0	0	3	2	5	0	1	2	3	8		
Engineering	0	0	0	0	0	1	4	2	7	7		
Scientists	0	0	0	0	0	3	3	2	8	8		
Technicians	1	1	1	1	4	0	2	3	5	9		
Crafts	0	0	1	0	1	3	12	20	35	36		
Laborers	0	2	4	5	11	5	13	7	25	36		
Operators	0	0	0	0	0	1	2	1	4	4		
Total	2	5	11	15	33	14	39	37	90	123		

*Only those gender/age combinations with at least one OSHA event appear in this table.

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OSHA Data

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

	Women			Men			Total		
	# of Events	Days Restricted	Days Lost	# of Events	Days Restricted	Days Lost	# of Events	Days Restricted	Days Lost
Age Group									
16 - 29	2	9	0	0	0	0	2	9	0
30 - 39	6	49	116	16	68	20	22	117	136
40 - 49	11	38	79	41	470	365	52	508	444
50 +	16	112	43	43	555	303	59	667	346
Total	35	208	238	100	1093	688	135	1301	926

Oak Ridge National Laboratory 2001

OSHA Data

Appendix R. Total Number of Workdays Lost or with Restricted Activity from OSHA Events by Gender and Job Category

	Women			Men			Total		
	# of Events	Days Restricted	Days Lost	# of Events	Days Restricted	Days Lost	# of Events	Days Restricted	Days Lost
Job Category									
Administrative	12	0	0	0	0	0	12	0	0
Management	0	0	0	3	51	22	3	51	22
Professional	5	0	0	3	0	0	8	0	0
Engineering	0	0	0	7	8	58	7	8	58
Scientists	0	0	0	8	0	7	8	0	7
Technicians	4	66	5	5	85	11	9	151	16
Crafts	1	0	1	41	530	290	42	530	291
Laborers	13	142	232	29	255	215	42	397	447
Operators	0	0	0	4	164	85	4	164	85
Total	35	208	238	100	1093	688	135	1301	926

Oak Ridge National Laboratory 2001

OSHA Data

Appendix S. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

	ICD-9-CM code	Women					Men					Total	
		Age Group				Total	Age Group				Total		
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +				
Diagnostic Category													
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	0	0	0	1	0	1	1		
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	0	0	2	1	4	7	7		
-Disorders of Peripheral NS	350-359	0	0	0	0	0	2	1	4	7	7		
RESPIRATORY SYSTEM	460-519	0	0	0	1	1	0	1	0	1	2		
-Other Dis Upper Respiratory Tract	470-478	0	0	0	1	1	0	0	0	0	1		
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	1	0	1	1		
DIGESTIVE SYSTEM	520-579	0	0	0	0	0	0	2	0	2	2		
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0	0	1	0	1	1		
-Hernia	550-553	0	0	0	0	0	0	1	0	1	1		
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	0	1	2	1	4	4		
-Other Inflammatory Conditions	690-698	0	0	0	0	0	1	2	1	4	4		

*Only those diagnostic categories and gender/age combinations with at least one OSHA event appear in this table.

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

Appendix S. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Women					Men					Total	
		Age Group				Total	Age Group				Total		
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +				
Diagnostic Category	ICD-9-CM code												
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	2	1	5	15	23	3	13	11	27	50		
-Arthropathies	710-719	1	0	1	4	6	0	4	4	8	14		
-Dorsopathies	720-724	0	0	0	3	3	1	3	1	5	8		
-Rheumatism, Excluding Back	725-729	1	1	4	8	14	2	6	6	14	28		
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	3	3	3	8	4	15	18		
-Symptoms	780-789	0	0	0	3	3	3	8	4	15	18		
INJURY & POISONING	800-999	0	5	11	12	28	16	36	47	99	127		
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	0	0	1	1	1		
-Fracture - Upper Limb	810-819	0	0	0	1	1	0	0	1	1	2		
-Fracture - Lower Limb	820-829	0	0	0	1	1	0	0	1	1	2		
-Dislocation	830-839	0	0	1	0	1	0	1	1	2	3		
-Sprains & Strains - Back	846-847	0	2	1	4	7	6	13	10	29	36		
-Sprains & Strains - Other	840-845, 848	0	0	3	2	5	5	6	9	20	25		

*Only those diagnostic categories and gender/age combinations with at least one OSHA event appear in this table.

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

Appendix S. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

Diagnostic Category	ICD-9-CM code	Women					Men					Total	
		Age Group				Total	Age Group				Total		
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +				
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	2	2	4	4		
-Open Wound - Upper Limb	880-887	0	1	2	2	5	1	4	5	10	15		
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	2	2	2		
-Superficial Injury	910-919	0	0	1	0	1	3	2	3	8	9		
-Contusion	920-924	0	1	2	1	4	0	4	4	8	12		
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	1	1	2	2		
-Burns	940-949	0	1	1	0	2	0	1	5	6	8		
-Poisoning - Medicinal/Biological	960-979	0	0	0	1	1	0	0	0	0	1		
-Toxic Effects - Non medicinal	980-989	0	0	0	0	0	1	2	2	5	5		
Total		2	6	16	31	55	25	64	67	156	211		

*Only those diagnostic categories and gender/age combinations with at least one OSHA event appear in this table.

Oak Ridge National Laboratory 2001

OSHA Data

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	0	0
-Arthropathi- es	710-719	0	0	0	0	0	1	84	1
-Dorsopathies	720-724	0	0	0	0	0	0	84	1
-Rheumatism, Excluding Back	725-729	9	0	0	0	23	73	103	0
-Symptoms	780-789	0	0	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	42
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	42
-Dislocation	830-839	0	0	0	0	0	5	0	0
-Sprains & Strains - Back	846-847	0	0	48	39	0	0	93	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	14	6	0	42
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	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 and gender/age combinations with at least one occurrence appear in this table.

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Contusion	920-924	0	0	1	0	1	0	84	0
-Burns	940-949	0	0	0	77	0	0	0	0
-Poisoning - Medicinal/Bi- ological	960-979	0	0	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 and gender/age combinations with at least one occurrence appear in this table.

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

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

		Men					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Benign Neo-plasm of Soft Tissue	215	0	0	40	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	0	70
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0
-Esophagus, Stomach, Duodenum	530-537	0	0	21	18	0	0
-Hernia	550-553	0	0	21	18	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	4	78	38
-Dorsopathies	720-724	38	1	72	73	53	0
-Rheumatism, Excluding Back	725-729	0	0	62	0	51	34
-Symptoms	780-789	38	1	42	22	1	19
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	55
-Fracture - Lower Limb	820-829	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 and gender/age 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 Age*

		Men					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Dislocation	830-839	0	0	0	83	0	17
-Sprains & Strains - Back	846-847	60	13	270	108	231	14
-Sprains & Strains - Other	840-845, 848	8	7	85	133	227	68
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	5	55
-Open Wound - Lower Limb	890-897	0	0	0	0	18	4
-Superficial Injury	910-919	0	7	23	1	11	19
-Contusion	920-924	0	0	23	1	11	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0
-Burns	940-949	0	0	0	0	8	58
-Toxic Effects - Non medicinal	980-989	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 and gender/age combinations with at least one occurrence appear in this table.

Oak Ridge National Laboratory 2001

OSHA Data

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

Type of Accident	E Codes	Women					Men					Total	
		Age Group				Total	Age Group				Total		
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +				
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0	0	1	1	1		
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	0	0	2	2	2		
Accidental Poisoning - Medicinal/Biological	E850-E858	0	0	0	1	1	0	0	0	0	1		
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	1	2	1	4	4		
Falls	E880-E888	0	0	2	3	5	2	4	4	10	15		
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	1	1	1		
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	1	1	1	3	3		
Other Accidents	E916-E928	2	6	9	12	29	11	33	34	78	107		

*Only those accident types and gender/age combinations 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 Age*

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes								
Accidental Poisoning - Medicinal/Biological	E850-E858	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	1	0	9	43
Other Accidents	E916-E928	9	0	49	116	37	79	103	0

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

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

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

		Men					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes						
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	81	11
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	0
Falls	E880-E888	8	17	74	70	10	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0
Other Accidents	E916-E928	60	3	396	295	464	292

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

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OSHA Data

Appendix W. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Women						Total	
		Job Category							
		Admi-nis-trati-ve	Prof-essi-onal	Tech-nici-ans	Craf-ts	Labo-rers			
Diagnostic Category	ICD-9-CM Code								
RESPIRATORY SYSTEM	460-519	0	1	0	0	0	1		
-Other Dis Upper Respiratory Tract	470-478	0	1	0	0	0	1		
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	7	1	1	1	13	23		
-Arthropathi- es	710-719	1	0	0	1	4	6		
-Dorsopathies	720-724	0	1	0	0	2	3		
-Rheumatism, Excluding Back	725-729	6	0	1	0	7	14		
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	0	3	0	0	0	3		
-Symptoms	780-789	0	3	0	0	0	3		
INJURY & POISONING	800-999	6	5	4	1	12	28		
-Fracture - Upper Limb	810-819	0	0	0	0	1	1		
-Fracture - Lower Limb	820-829	0	0	0	0	1	1		
-Dislocation	830-839	0	0	1	0	0	1		

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

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

Appendix W. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Women					
		Job Category					Total
		Admi-nist-rati-ve	Prof-essi-onal	Tech-nici-ans	Craf-ts	Labo-rers	
Diagnostic Category	ICD-9-CM Code						
-Sprains & Strains - Back	846-847	2	1	2	0	2	7
-Sprains & Strains - Other	840-845, 848	1	0	1	1	2	5
-Open Wound - Upper Limb	880-887	3	0	0	0	2	5
-Superficial Injury	910-919	0	1	0	0	0	1
-Contusion	920-924	0	1	0	0	3	4
-Burns	940-949	0	1	0	0	1	2
-Poisoning - Medicinal/Biological	960-979	0	1	0	0	0	1
Total		13	10	5	2	25	55

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

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

Appendix W. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Men								Total	
		Job Category									
		Management	Professional	Engineering	Scientists	Technicians	Crafts	Laborers	Operators		
Diagnostic Category	ICD-9-CM Code										
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	0	0	0	1	0	1	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0	1	1	0	4	0	0	7	
-Disorders of Peripheral NS	350-359	1	0	1	1	0	4	0	0	7	
RESPIRATORY SYSTEM	460-519	0	0	1	0	0	0	0	0	1	
-Chronic Obstructive Dis	490-496	0	0	1	0	0	0	0	0	1	
DIGESTIVE SYSTEM	520-579	0	0	0	0	0	0	2	0	2	
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0	0	1	0	1	
-Hernia	550-553	0	0	0	0	0	0	1	0	1	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	2	0	0	1	1	0	4	
-Other Inflammatory Conditions	690-698	0	0	2	0	0	1	1	0	4	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	2	1	1	1	0	14	8	0	27	

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

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

Appendix W. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Men								Total	
		Job Category									
		Management	Professional	Engineering	Scientists	Technicians	Crafts	Laborers	Operators		
Diagnostic Category	ICD-9-CM Code										
-Arthropathies	710-719	0	1	1	0	0	2	4	0	8	
-Dorsopathies	720-724	1	0	0	0	0	2	2	0	5	
-Rheumatism, Excluding Back	725-729	1	0	0	1	0	10	2	0	14	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	1	1	0	0	9	4	0	15	
-Symptoms	780-789	0	1	1	0	0	9	4	0	15	
INJURY & POISONING	800-999	3	4	11	7	6	34	30	4	99	
-Fracture - Neck, Trunk	805-809	0	0	0	0	1	0	0	0	1	
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	1	0	1	
-Fracture - Lower Limb	820-829	0	1	0	0	0	0	0	0	1	
-Dislocation	830-839	0	0	0	0	0	1	0	1	2	
-Sprains & Strains - Back	846-847	1	1	0	3	1	9	11	3	29	
-Sprains & Strains - Other	840-845, 848	2	0	1	1	1	9	6	0	20	
-Open Wound - Head, Neck, Trunk	870-879	0	0	1	1	0	0	2	0	4	

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

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

Appendix W. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Men								Total	
		Job Category									
		Management	Professional	Engineering	Scientists	Technicians	Crafts	Laborers	Operators		
Diagnostic Category	ICD-9-CM Code										
-Open Wound - Upper Limb	880-887	0	0	1	1	1	3	4	0	10	
-Open Wound - Lower Limb	890-897	0	0	0	0	0	2	0	0	2	
-Superficial Injury	910-919	0	1	1	1	0	4	1	0	8	
-Contusion	920-924	0	1	0	0	1	2	4	0	8	
-Foreign Body Entering Orifice	930-939	0	0	0	0	1	1	0	0	2	
-Burns	940-949	0	0	5	0	0	0	1	0	6	
-Toxic Effects - Non medicinal	980-989	0	0	2	0	0	3	0	0	5	
Total		6	6	17	9	6	62	46	4	156	

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

Oak Ridge National Laboratory 2001

OSHA Data

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

		Women									
		Job Category									
		Administrative		Professional		Technicians		Crafts		Laborers	
		Days Res- tri- cted	Days Lost								
Diagnostic Category	ICD-9-CM Codes										
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	0	0	0	0
-Arthropathi- es	710-719	0	0	0	0	0	0	0	1	84	1
-Dorsopathies	720-724	0	0	0	0	0	0	0	0	84	1
-Rheumatism, Excluding Back	725-729	0	0	0	0	9	0	0	0	126	73
-Symptoms	780-789	0	0	0	0	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0	0	42
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0	0	42
-Dislocation	830-839	0	0	0	0	0	5	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	57	0	0	0	84	39
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	5	0	1	14	42
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	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 and gender/job category combinations with at least one occurrence appear in this table.

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

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

		Women									
		Job Category									
		Administrative		Professional		Technicians		Crafts		Laborers	
		Days Res- tri- cted	Days Lost								
Diagnostic Category	ICD-9-CM Codes										
-Contusion	920-924	0	0	0	0	0	0	0	0	86	0
-Burns	940-949	0	0	0	0	0	0	0	0	0	77
-Poisoning - Medicinal/Bi- ological	960-979	0	0	0	0	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 and gender/job category combinations with at least one occurrence appear in this table.

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

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

		Men															
		Job Category															
		Management		Professional		Engineering		Scientists		Technicians		Crafts		Laborers		Operators	
		Days Restricted	Days Lost														
Diagnostic Category	ICD-9-CM Codes																
-Benign Neoplasm of Soft Tissue	215	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	0	0	0	0	70	0	0	0	0
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0	0	0	0	0	0	0	21	18	0	0	0
-Hernia	550-553	0	0	0	0	0	0	0	0	0	0	0	21	18	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	0	0	0	0	0	0	14	17	64	25	0	0
-Dorsopathies	720-724	51	22	0	0	0	0	0	0	0	0	91	1	21	51	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0	0	0	54	34	59	0	0	0
-Symptoms	780-789	0	0	0	0	0	0	0	0	0	0	39	20	42	22	0	0
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0	0	0	0	0	55	0	0	0

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

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

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

		Men															
		Job Category															
		Management		Professional		Engineering		Scientists		Technicians		Crafts		Laborers		Operators	
		Days Restricted	Days Lost														
Diagnostic Category	ICD-9-CM Codes																
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Dislocation	830-839	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	83
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	0	4	0	296	51	97	82	164	2
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0	0	7	81	11	143	130	96	60	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0	0	0	5	0	0	55	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0	0	0	18	4	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	7	0	0	24	20	10	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0	0	0	23	1	11	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Burns	940-949	0	0	0	0	8	58	0	0	0	0	0	0	0	0	0	0
-Toxic Effects - Non medicinal	980-989	0	0	0	0	0	0	0	0	0	0	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 and gender/job category combinations with at least one occurrence appear in this table.

Oak Ridge National Laboratory 2001

OSHA Data

Appendix Y. Number of Occurrences in Each Accident Category by Gender and Job Category*

Type of Accident	E CODES	Women						Total	
		Job Category							
		Administrative	Professional	Technicians	Crafts	Laborers			
Accidental Poisoning - Medicinal/Biological	E850-E858	0	1	0	0	0	1		
Falls	E880-E888	0	1	1	0	3	5		
Other Accidents	E916-E928	12	3	3	1	10	29		

Type of Accident	E CODES	Men								Total	
		Job Category									
		Management	Professional	Engineering	Scientists	Technicians	Crafts	Laborers	Operators		
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	1	0	0	1	
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	1	1	0	0	2	
Accidental Poisoning - Non-medicinal	E860-E869	0	0	2	0	0	2	0	0	4	
Falls	E880-E888	1	1	0	1	1	2	4	0	10	
Natural/Environmental Factors	E900-E909	0	1	0	0	0	0	0	0	1	
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	1	2	0	0	3	
Other Accidents	E916-E928	2	1	5	7	2	33	24	4	78	

*Only those accident types and gender/job category combinations with at least one occurrence appear in this table.

Oak Ridge National Laboratory 2001

OSHA Data

Appendix Z. Number of Workdays Lost or with Restricted Activity in Each Accident Category by Gender and Job Category*

		Women									
		Job Category									
		Administrative		Professional		Technicians		Crafts		Laborers	
		Days Res- tri- cted	Days Lost								
Type of Accident	E Codes										
Accidental Poisoning - Medicinal/Biological	E850-E858	0	0	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	9	0	0	0	1	43
Other Accidents	E916-E928	0	0	0	0	57	5	0	1	141	189

*OSHA events with >1 E code in the same accident type were counted only once. Only those accident types and gender/job category combinations with at least one occurrence appear in this table.

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

Appendix Z. Number of Workdays Lost or with Restricted Activity in Each Accident Category by Gender and Job Category*

		Men															
		Job Category															
		Management		Professional		Engineering		Scientists		Technicians		Crafts		Laborers		Operators	
		Days Res- tri- cted	Days Lost														
Type of Accident	E Codes																
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	0	0	81	11	0	0	0	0	0	0	0
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Falls	E880-E888	51	22	0	0	0	0	0	7	0	0	23	1	18	57	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	0	0	8	58	0	0	4	0	507	289	237	158	164	85

*OSHA events with >1 E code in the same accident type were counted only once. Only those accident types and gender/job category combinations with at least one occurrence appear in this table.

Oak Ridge National Laboratory 2001

OSHA Data

Appendix AA. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined and Injury by Gender

Part 1. Age-Adjusted Rates for All OSHA-Recordable Diagnoses by Gender and Job Category from 1999 to 2001

Rate per 1,000 Women

Women	Administrative			Management			Professional			Engineering		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	19	31	49	0	0	0	13	32	81	11	32	101
2000	23	36	55	33	70	146	13	31	73	1	9	64
2001	12	29	70	0	0	0	11	22	41	0	0	0

	Scientists			Technicians			Crafts			Laborers		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	6	19	60	5	16	50	113	323	927	27	60	133
2000	0	0	0	31	61	122	77	170	379	138	210	320
2001	0	0	0	15	46	140	13	50	202	168	266	421

	Operators			Unknown		
Year	Lower	Mid	Upper	Lower	Mid	Upper
1999	0	0	0	1	6	46
2000	50	199	794	0	0	0
2001	0	0	0	*	*	*

Rate per 1,000 Men

Men	Administrative			Management			Professional			Engineering		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	11	81	576	1	4	13	5	13	33	4	8	17
2000	7	50	352	2	5	13	3	9	23	3	6	12
2001	0	0	0	11	27	64	4	10	21	11	18	29

	Scientists			Technicians			Crafts			Laborers		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	11	18	30	40	84	177	82	112	153	140	209	311
2000	2	5	14	13	25	48	85	117	162	82	126	193
2001	6	12	24	9	22	53	107	153	218	135	181	243

	Operators			Unknown		
Year	Lower	Mid	Upper	Lower	Mid	Upper
1999	44	88	177	5	16	50
2000	11	36	115	0	0	0
2001	16	44	122	*	*	*

*No workers in this category.

Part 2. Age-Adjusted Rates for Injury by Gender from 1999 to 2001

Rate per 1,000

	Injury Men			Injury Women		
Year	Lower	Mid	Upper	Lower	Mid	Upper
1999	22	31	44	9	14	20
2000	17	25	34	18	25	33
2001	20	24	30	12	19	28

Oak Ridge National Laboratory 2001

OSHA Data

Appendix BB. OSHA Diseases and Injuries by Diagnostic Category**Part 1. Men**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	1	0.2	0.0	1.4
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	7	1.9	0.8	4.3
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	1	0.2	0.0	1.4
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	1	0.2	0.0	1.4
Digestive System	520-579	2	0.4	0.1	1.6
-Hernias	550-553	1	0.2	0.0	1.4
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	4	1.1	0.4	3.1
Musculoskeletal System	710-739	27	6.1	4.1	9.1
-Dorsopathies	720-724	5	1.3	0.5	3.3
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	15	3.9	2.3	6.8
Injury & Poisoning	800-999	99	24.2	19.6	30.0
-Fractures, All Sites	800-829	3	0.6	0.2	1.8
-Dislocations	830-839	2	0.4	0.1	1.6
-Sprains & Strains	840-848	49	12.7	9.4	17.3
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	16	3.6	2.1	6.0
-Other Injuries	900-999	29	6.9	4.7	10.3
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		156	38.0	32.1	45.1

*Standardized to age distribution of 1970 U.S. population.

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

Appendix BB. OSHA Diseases and Injuries by Diagnostic Category**Part 2. Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	0	0	0	0
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	1	0.5	0.1	3.7
-Upper Respiratory	460-465, 470-478	1	0.5	0.1	3.7
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	23	23.2	10.7	50.3
-Dorsopathies	720-724	3	1.6	0.5	4.9
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	3	1.6	0.5	4.9
Injury & Poisoning	800-999	28	18.6	12.3	28.3
-Fractures, All Sites	800-829	2	2.8	0.7	11.4
-Dislocations	830-839	1	0.4	0.1	2.9
-Sprains & Strains	840-848	12	8.3	4.4	15.7
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	5	2.7	1.1	6.8
-Other Injuries	900-999	8	4.4	2.1	9.1
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		55	43.9	28.1	68.7

* Standardized to age distribution of 1970 U.S. population.

**Only women aged 18-45 were included in the calculation of the rates for these diagnostic categories.

(Continued)

Oak Ridge National Laboratory 2001

OSHA Data

Appendix BB. OSHA Diseases and Injuries by Diagnostic Category**Part 3. Men and Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	1	0.1	0.0	0.9
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	7	1.3	0.6	2.9
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	2	0.3	0.1	1.1
-Upper Respiratory	460-465, 470-478	1	0.1	0.0	1.0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	1	0.1	0.0	0.9
Digestive System	520-579	2	0.3	0.1	1.1
-Hernias	550-553	1	0.1	0.0	0.9
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	4	0.7	0.2	2.0
Musculoskeletal System	710-739	50	13.3	7.0	25.3
-Dorsopathies	720-724	8	1.3	0.6	2.6
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	18	3.1	1.9	5.1
Injury & Poisoning	800-999	127	22.0	18.3	26.5
-Fractures, All Sites	800-829	5	1.0	0.4	2.6
-Dislocations	830-839	3	0.4	0.1	1.3
-Sprains & Strains	840-848	61	11.0	8.4	14.4
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	21	3.4	2.1	5.3
-Other Injuries	900-999	37	6.2	4.4	8.8
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		211	41.1	32.4	52.0

* Standardized to age distribution of 1970 U.S. population.

**Only women aged 18-45 were included in the calculation of the rates for these diagnostic categories.

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OSHA Data

Appendix CC. Relative Risk Estimates for Selected Diagnostic Categories Among OSHA Events

Diagnostic Category	Administrative 545 Person-Years				Management 470 Person-Years				Professional 624 Person-Years			
	Pers ons with 1+ Even t*	RR**	Lowe r 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Lowe r 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Lowe r 95% CI** *	Uppe r 95% CI** *
All Diagnostic Categories	12	0.7	0.4	1.5	3	0.2	0.1	0.6	8	0.4	0.2	0.8
Musculoskeletal & Connective Tissue	6	0.9	0.3	2.5	2	0.4	0.1	1.9	2	0.3	0.1	1.3
Symptoms, Signs, & Ill-Defined Conditions	0				0				2	1.8	0.4	9.1
Injury & Poisoning	6	0.5	0.2	1.3	1	0.1	0.01	0.5	7	0.5	0.2	1.0
-Sprains & Strains-Back	2	0.5	0.1	2.8	1	0.3	0.04	1.8	2	0.4	0.1	1.7
-Sprains & Strains-Other	1	0.3	0.03	3.4	1	0.3	0.05	2.2	0			
-Open Wound-Upper Limb	3	2.0	0.4	11.2	0				0			
-Contusion	0				0				2	1.2	0.2	5.7

Diagnostic Category	Engineering 690 Person-Years				Scientists 782 Person-Years				Technicians 384 Person-Years			
	Pers ons with 1+ Even t*	RR**	Lowe r 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Lowe r 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Lowe r 95% CI** *	Uppe r 95% CI** *
All Diagnostic Categories	7	0.3	0.1	0.6	8	0.3	0.1	0.6	9	0.8	0.4	1.6
Musculoskeletal & Connective Tissue	1	0.1	0.02	1.1	1	0.1	0.02	0.9	1	0.2	0.02	2.2
Symptoms, Signs, & Ill-Defined Conditions	1	0.4	0.1	3.5	0				0			
Injury & Poisoning	6	0.3	0.1	0.7	6	0.3	0.1	0.6	8	1.0	0.5	2.0
-Sprains & Strains-Back	0				3	0.4	0.1	1.3	3	0.9	0.3	3.1
-Sprains & Strains-Other	1	0.2	0.02	1.4	1	0.2	0.02	1.3	2	1.0	0.2	4.0
-Open Wound-Upper Limb	1	0.4	0.04	2.9	1	0.3	0.04	2.4	1	0.8	0.1	5.6
-Contusion	0				0				1	1.1	0.2	8.1

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

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

***CI = Confidence Limit

(Continued)

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OSHA Data

Appendix CC. Relative Risk Estimates for Selected Diagnostic Categories Among OSHA Events

Diagnostic Category	Crafts 379 Person-Years				Laborers 238 Person-Years				Operators 68 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** *	Persons with 1+ Event*	RR**	Lower 95% CI*** *	Upper 95% CI** *	
All Diagnostic Categories	36	4.4	2.9	6.7	36	7.1	4.8	10.5	4	1.9	0.7	5.2	123
Musculoskeletal & Connective Tissue	14	7.6	3.6	16.0	11	7.3	3.6	15.0	0				38
Symptoms, Signs, & Ill-Defined Conditions	5	7.7	2.3	25.7	2	4.0	0.9	18.9	0				10
Injury & Poisoning	26	3.6	2.3	5.9	31	8.3	5.4	12.8	4	2.4	0.9	6.6	95
-Sprains & Strains-Back	7	2.7	1.1	6.4	12	9.0	4.5	18.2	3	5.1	1.5	16.9	33
-Sprains & Strains-Other	10	7.7	3.1	19.3	8	8.6	3.6	20.6	0				24
-Open Wound-Upper Limb	3	2.7	0.7	10.5	6	11.7	4.2	33.0	0				15
-Contusion	2	2.2	0.4	11.0	6	22.7	6.9	74.3	0				11

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

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

***CI = Confidence Limit