

2006

Oak Ridge National Laboratory Annual Illness and Injury Surveillance Report



Oak Ridge National Laboratory

2006 Illness and Injury Surveillance Report

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Additional information about the Department of Energy's Office of Illness and Injury Prevention Programs, the IISP, and annual reports for DOE sites participating in this program can be found at:

<http://www.hss.energy.gov/healthsafety/WSHP/epi/surv/>



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Oak Ridge National Laboratory 2006 Illness and Injury Surveillance Report

At A Glance

Oak Ridge National Laboratory (ORNL) reported 333 absences among 1,329 women in 2006; an absence rate of 25 per 100 workers (333/1,329). Based on 455 absences among 3,075 men, the resulting absence rate was 15 per 100 workers (455/3,075).

The absence rate for men increased from 1999 to 2003, declining somewhat thereafter. Among women, the rate peaked in 2002 and remained fairly steady thereafter. As with other sites participating in the Illness and Injury Surveillance Program (IISP), the absence rate among women remained higher than that of men.

As with absence rates, the overall diagnosis rate for women was higher than that of men throughout the 1999 to 2006 period. The diagnosis rate for men has been declining since 2003, but for women, the rate has tended to increase during the same period.

Women lost 7,549 calendar days and men lost 11,046 calendar days due to illness and injury in 2006. Respiratory diseases, musculoskeletal conditions, and injuries accounted for 47 percent and 44 percent of all diagnoses for women and men, respectively. These diagnosis categories have been in the top 3 compared with other diagnoses since 2002 for both women and men.

Women and men classified as Security and Fire workers had the highest diagnoses rates in 2006, but only 1 woman was included in this group. Excluding the 2 occupational groups with fewer than 5 women, female Service workers had the highest diagnosis rate, a trend we have seen since 2003.

The annual doubling of injury rates seen among women from 1999 through 2002 has not continued, but a trend toward increasing injury rates has continued despite wide fluctuations from year to year. In contrast, the rates for men have been relatively stable since 2000. The rate among both men and women declined in 2006.

The rates of disorders of the nervous and musculoskeletal systems and chronic respiratory disease have been fairly stable from 2003 to 2006, with rates for women higher than rates for men.

The overall rate of OSHA-recordable events has declined from 2000 through 2006 among women. The rate among men declined dramatically from 2002 to 2003, after which the rate as remained steady.

Technical Service workers had the highest rate of OSHA events among women (2 per 100 workers). Crafts workers had the highest rate of OSHA events among men (6 per 100 workers). The next highest rate was among Service workers for both men and women (5 per 100 workers and 2 per 100 workers, respectively).

The most common types of accidents that resulted in an OSHA-recordable event were falls among women and being struck by an object and overexertion/strenuous movements among men.

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The Oak Ridge National Laboratory Work Force - 2006

Figure 1. The Work Force by Gender and Age

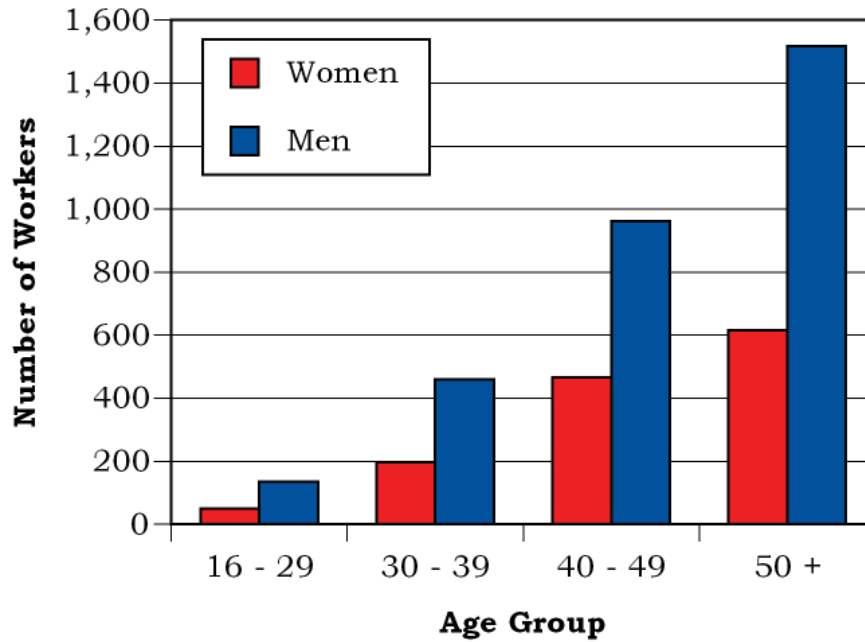


Figure 2. The Work Force by Gender and Job Category

Job Category	Women	Men
Professional	608 46%	1,989 65%
Administrative Support	521 39%	220 7%
Technical Support	119 9%	283 9%
Service	64 4%	121 4%
Security and Fire	1 <1%	28 1%
Crafts	15 1%	371 12%
Line Operators	1 <1%	63 2%
Total	1,329 100%	3,075 100%

Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

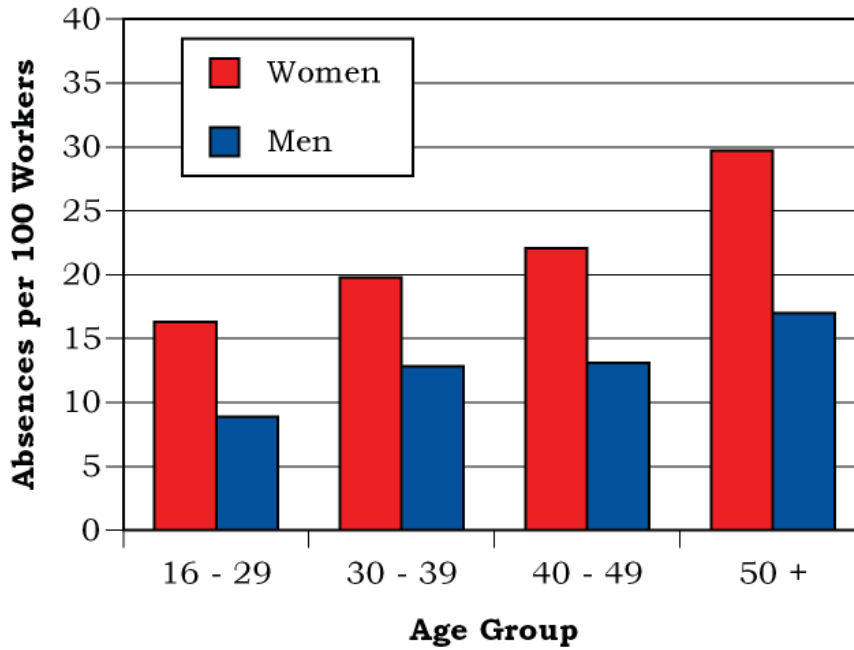


Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women	16-29	8	54	7
	30-39	39	637	16
	40-49	103	2,494	24
	50+	183	4,364	24
	Total	333	7,549	23
Men	16-29	12	91	8
	30-39	59	925	16
	40-49	126	2,599	21
	50+	258	7,431	29
	Total	455	11,046	24

Figure 5. Absence Rate by Job Category and Gender

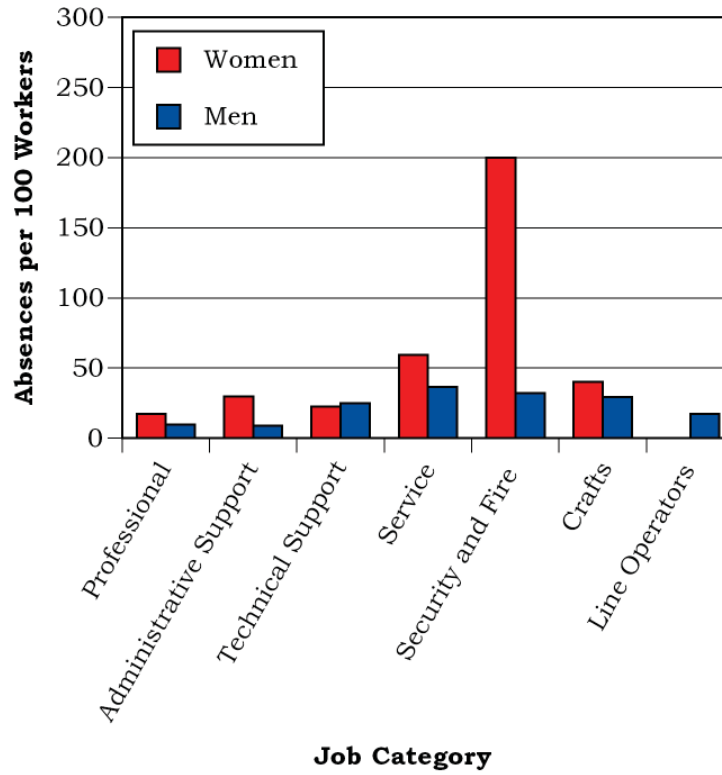
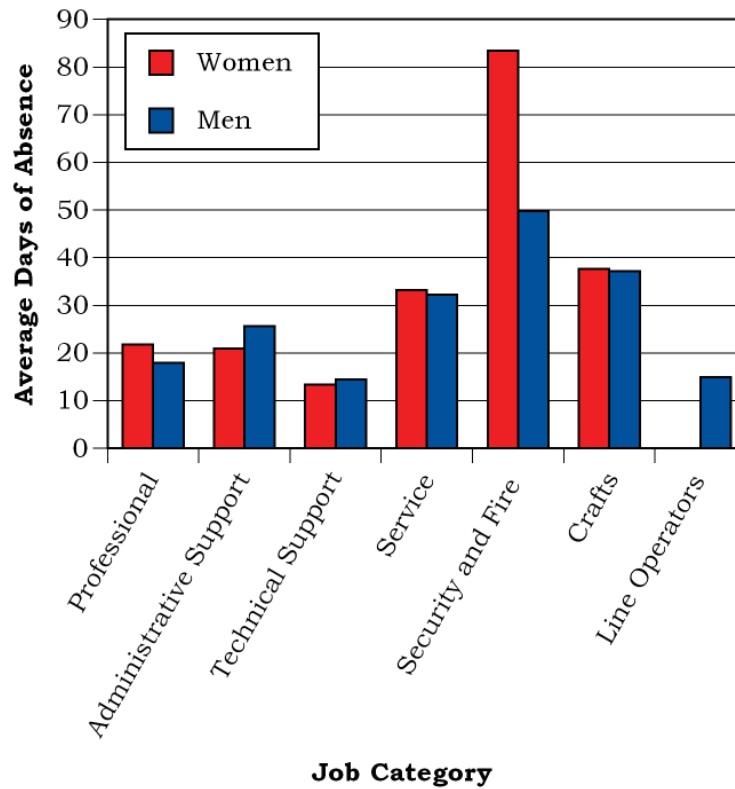


Figure 6. Average Duration of Absence by Job Category and Gender



Diagnostic Categories

Figure 7. Number of Diagnoses and Lost Calendar Days by Diagnostic Category (Categorized by ICD-9-CM) and Gender

Diagnostic Category	Women		Men	
	Number of Diagnoses	Number of Lost Calendar Days	Number of Diagnoses	Number of Lost Calendar Days
Benign Growths	24	659	14	409
Blood	1	7	3	92
Cancer	4	571	14	339
Digestive	49	665	69	979
Endocrine/Metabolic	10	238	7	76
Existing Birth Condition	1	6	4	74
Genitourinary	36	792	20	206
Heart/Circulatory	15	635	58	1,615
Infections/Parasites	20	156	37	491
Injury	73	1,686	82	3,320
Miscarriage	0	0	NA	NA
Musculoskeletal	62	1,503	102	3,607
Nervous System	33	700	35	827
Psychological	17	648	21	629
Respiratory	89	850	80	1,039
Skin	3	31	11	298
Unspecified Symptoms	39	701	44	697

Note: Lost calendar days for each absence are counted more than once when multiple diagnoses occur in different diagnostic categories for the same absence.

Figure 8. Common Diagnoses Among Female Workers in 2006

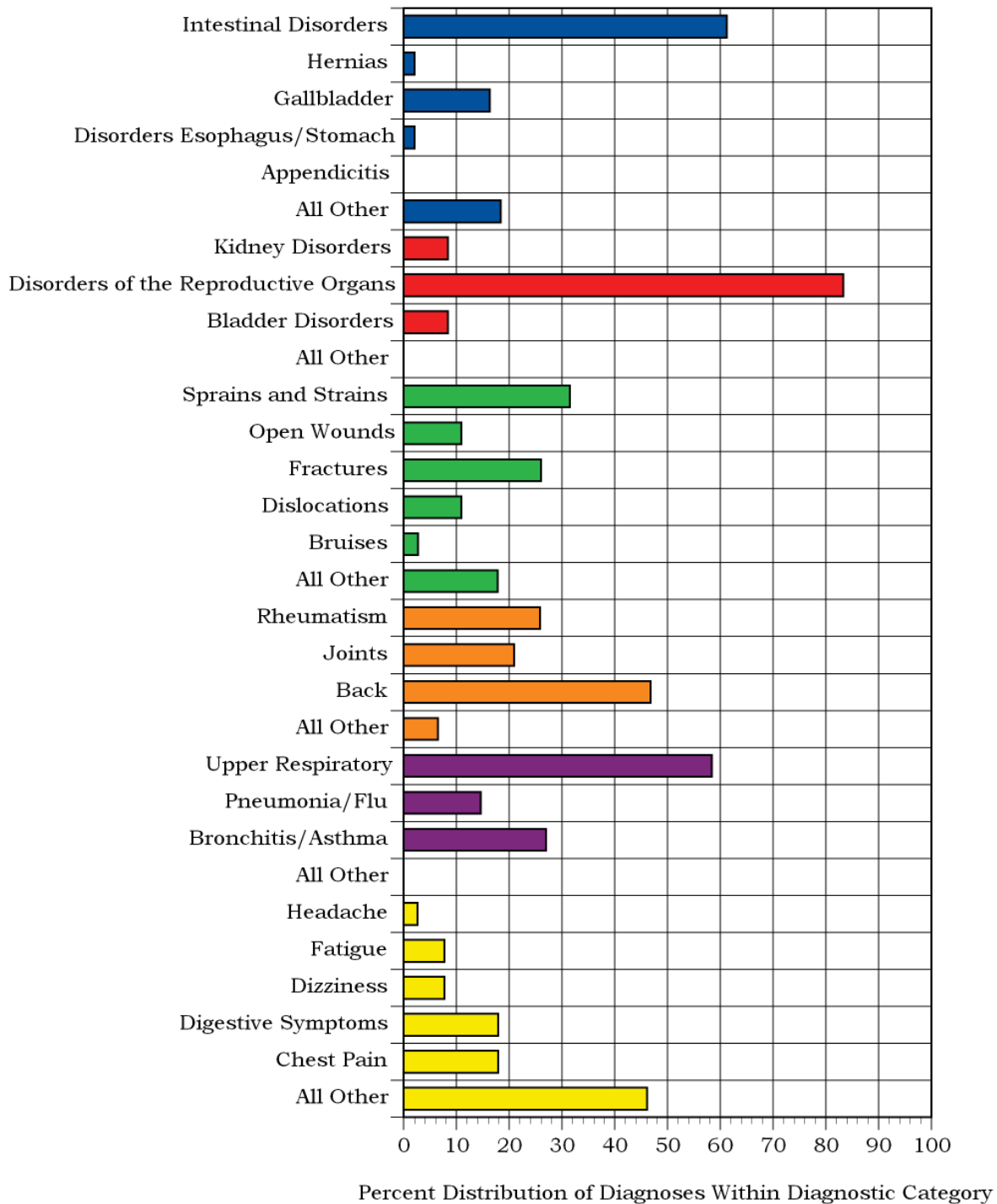
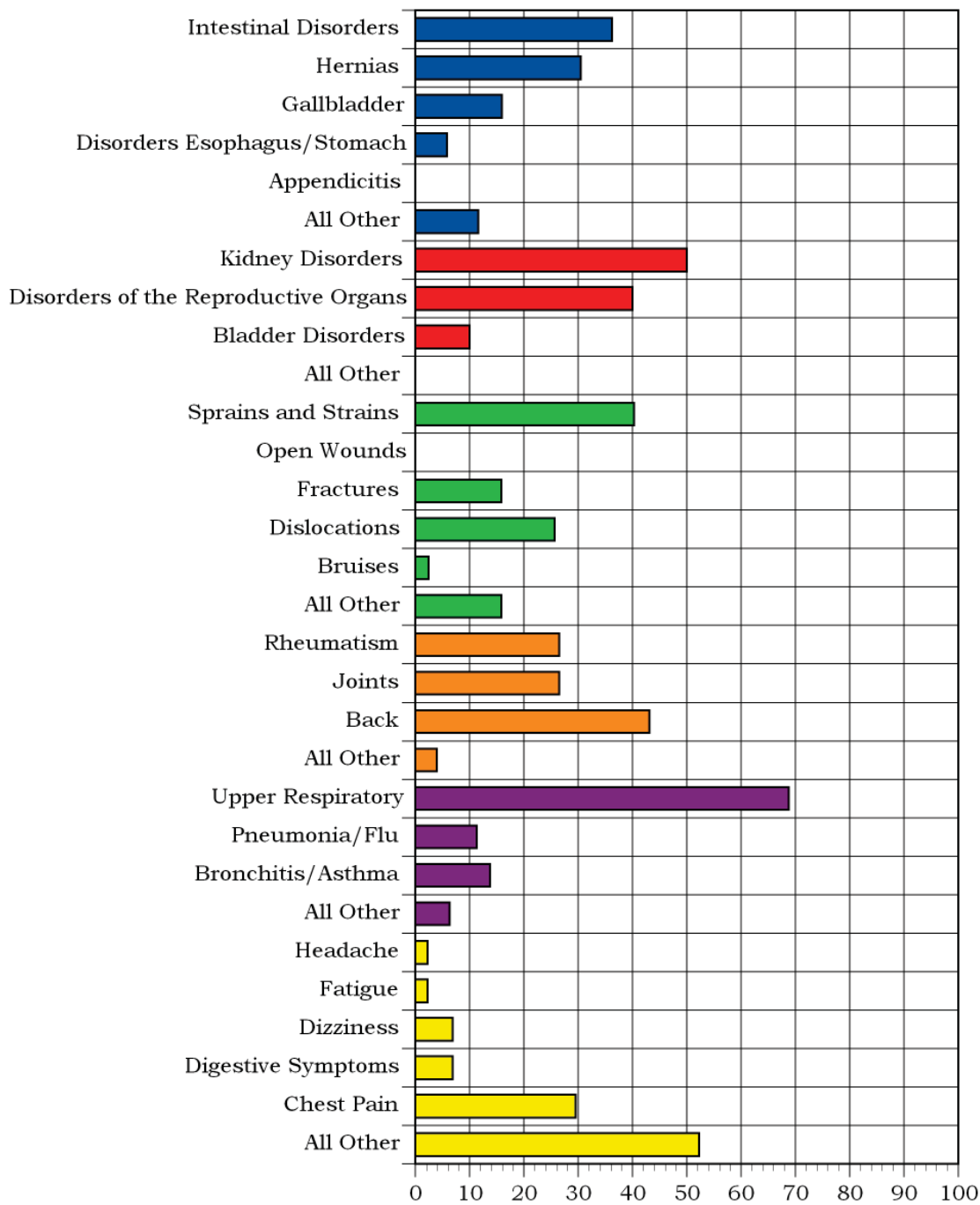


Figure 9. Common Diagnoses Among Male Workers in 2006



Percent Distribution of Diagnoses Within Diagnostic Category



Figure 10. Number of Most Frequently Reported Diagnoses by Job Category and Gender

Job Category	Men		Women	
Professional	Musculoskeletal	39	Injury	29
	Injury	36	Respiratory	24
	Respiratory	34	Musculoskeletal	20
Administrative Support	Heart/Circulatory	6	Respiratory	51
	Respiratory	5	Musculoskeletal	32
	Digestive	2	Injury	23
	Genitourinary	2		
	Infections/Parasites	2		
	Injury	2		
	Psychological	2		
	Unspecified Symptoms	2		
Technical Support	Digestive	20	Injury	10
	Respiratory	15	Benign Growths	5
	Musculoskeletal	13	Nervous System	5
Service	Musculoskeletal	15	Respiratory	10
	Psychological	6	Injury	8
	Respiratory	6	Genitourinary	7
Security and Fire	Musculoskeletal	5	Injury	2
	Digestive	2	Psychological	2
	Injury	2		
Crafts	Injury	28	Benign Growths	2
	Musculoskeletal	26	Musculoskeletal	2
	Respiratory	18	Digestive	1
			Injury	1
			Psychological	1
			Unspecified Symptoms	1
Line Operators	Heart/Circulatory	3		0
	Musculoskeletal	3		
	Unspecified Symptoms	2		

Rates of Disease Occurrence

Figure 11. Rates for All Illnesses and Injuries Combined by Job Category, Gender, and Age

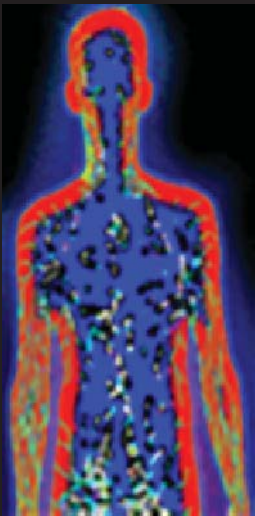
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	71	243
		50+	171	260
	Administrative Support	<50	71	349
		50+	215	473
	Technical Support	<50	344	288
		50+	330	410
	Service	<50	397	929
		50+	438	833
	Security and Fire	<50	346	4,000
		50+	1,500	0
	Crafts	<50	429	286
		50+	415	750
	Line Operators	<50	200	0
		50+	217	0

Figure 12. Rates for Selected Diagnostic Categories by Job Category, Gender, and Age

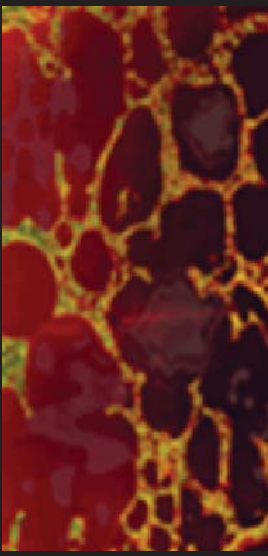
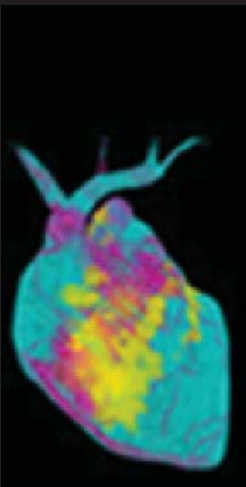
Cancer	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	3	0
		50+	8	0
	Administrative Support	<50	0	0
		50+	0	14
	Technical Support	<50	0	0
		50+	23	0
	Service	<50	14	0
		50+	0	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0

Figure 12. Rates for Selected Diagnostic Categories by Job Category, Gender, and Age (Continued)

Heart/Circulatory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	2	3
		50+	21	4
	Administrative Support	<50	0	13
		50+	76	28
	Technical Support	<50	15	0
		50+	45	26
	Service	<50	41	36
		50+	21	0
	Security and Fire	<50	38	0
		50+	0	0
	Crafts	<50	19	0
		50+	46	0
	Line Operators	<50	25	0
		50+	87	0



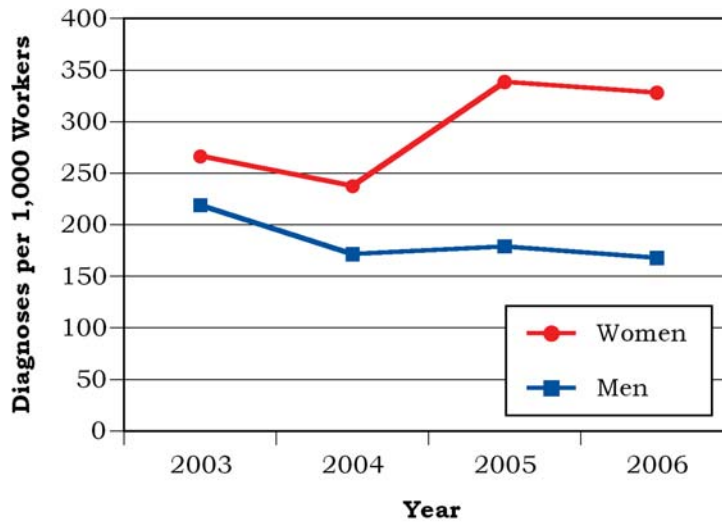
Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	11	31
		50+	23	52
	Administrative Support	<50	35	76
		50+	0	117
	Technical Support	<50	67	25
		50+	23	51
	Service	<50	68	250
		50+	21	83
	Security and Fire	<50	38	0
		50+	0	0
	Crafts	<50	58	0
		50+	41	0
	Line Operators	<50	25	0
		50+	0	0

Figure 12. Rates for Selected Diagnostic Categories by Job Category, Gender, and Age (Continued)

Injury	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	13	59
		50+	23	32
	Administrative Support	<50	0	25
		50+	25	60
	Technical Support	<50	36	75
		50+	23	103
	Service	<50	27	71
		50+	42	167
	Security and Fire	<50	77	2,000
		50+	0	0
	Crafts	<50	71	0
		50+	78	125
Line Operators	<50	25	0	
	50+	0	0	

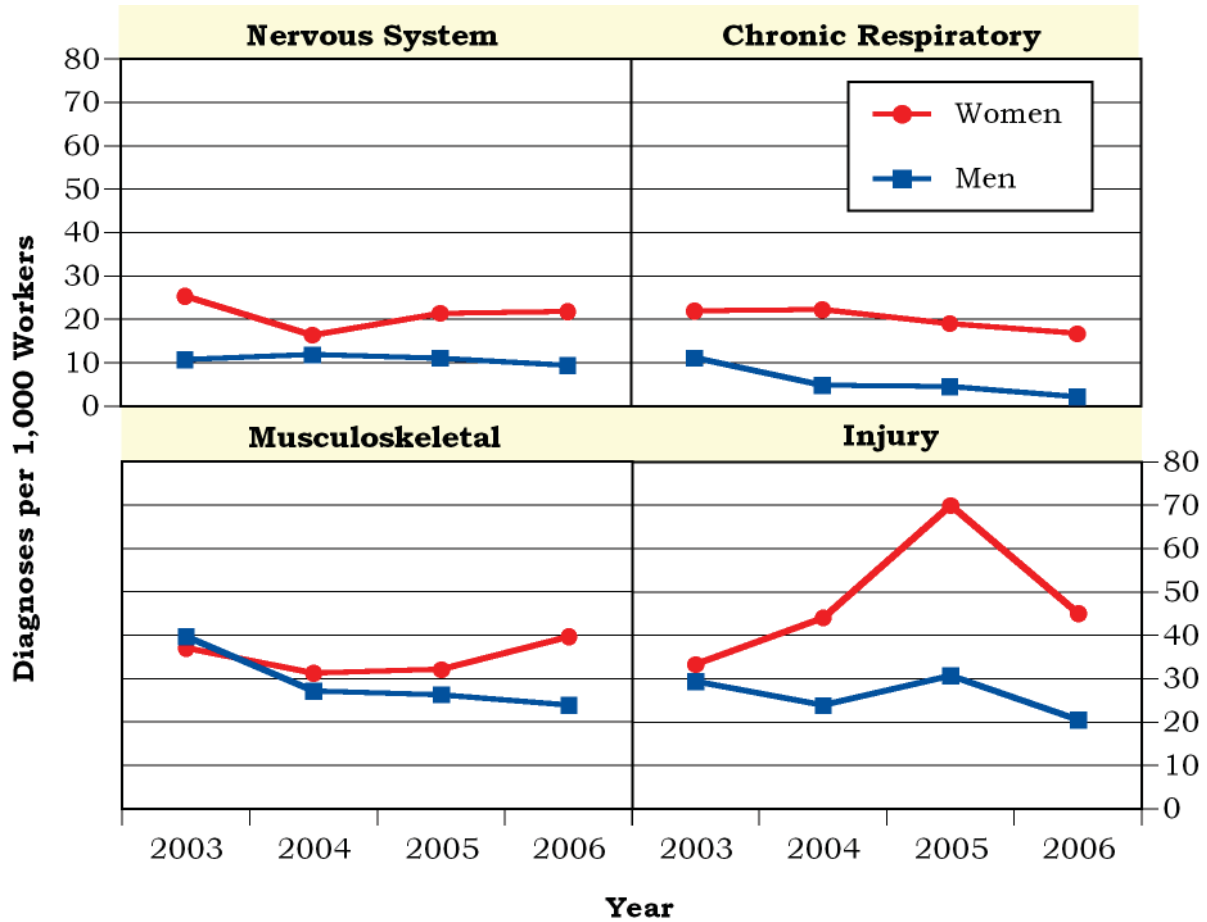
Time Trends

Figure 13. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men from 2003 to 2006*



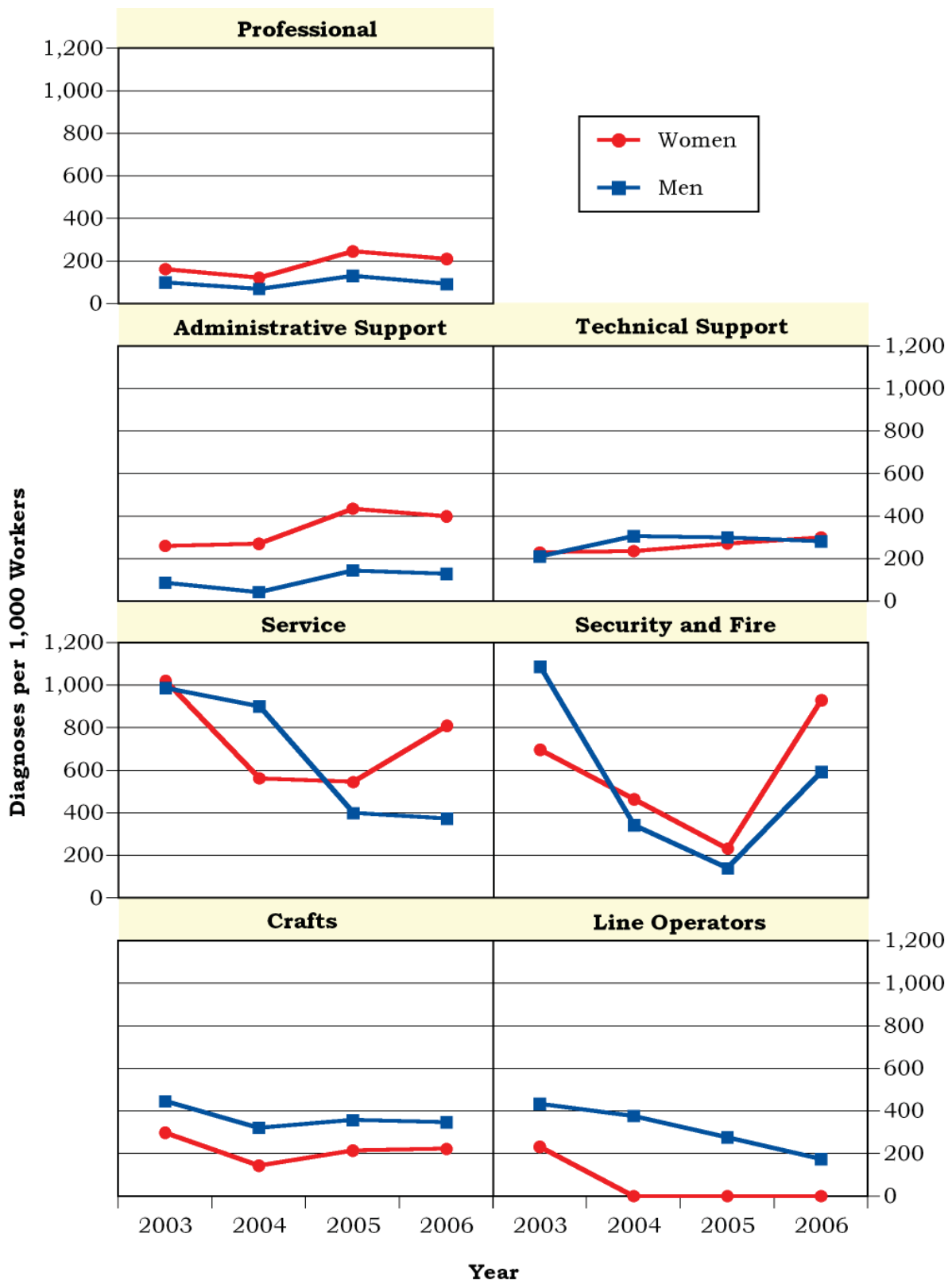
* Standardized to age distribution of 2000 U.S. population.

Figure 14. Age-Adjusted Rates for Selected Diagnostic Categories Among Women and Men from 2003 to 2006*



* Standardized to age distribution of 2000 U.S. population.

Figure 15. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men by Job Category from 2003 to 2006*



* Standardized to age distribution of 2000 U.S. population.

Sentinel Health Events for Occupations (SHEOs)

An occupational sentinel health event (SHEO) is a disease, disability, or death that is likely to be occupationally related. Although sentinel health events may indicate an occupational exposure, many may result from nonoccupational exposures. Sentinel health events are therefore assessed in two categories:

Definite Sentinel Health Events: Diseases that are unlikely to occur in the absence of an occupational exposure (e.g., asbestosis).

Possible Sentinel Health Events: Diseases that may be occupational but can also occur in the absence of an occupational exposure (e.g., lung cancer or carpal tunnel syndrome).

Figure 16. Characteristics of SHEOs by Gender

	Total Number of SHEO Diagnoses		Total Number of Days Absent	
	Men	Women	Men	Women
Definite	0	1	0	2
Possible	9	7	171	240
Total	9	8	171	242

Figure 17. SHEO Diagnoses by Gender

Diagnoses	Gender	
	Women	Men
Carpal Tunnel Syndrome	6	5
Pneumonconiosis (Berylliosis)	0	0
Musculoskeletal Conditions	1	0
Injuries	1	0
Other Conditions	0	4

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 18. OSHA-Recordable Events by Gender and Age

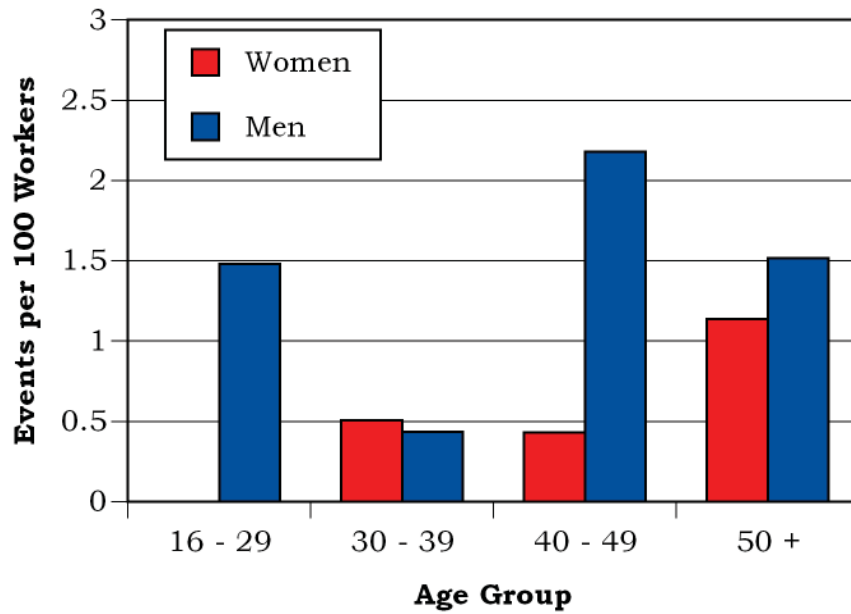
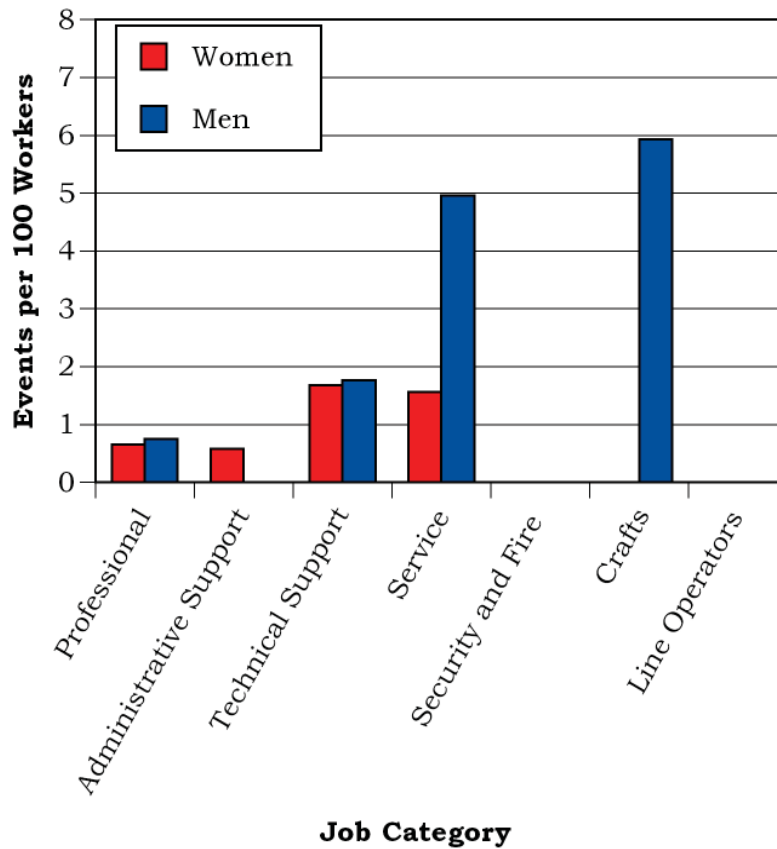


Figure 19. OSHA-Recordable Events by Job Category and Gender



Diagnostic and Accident Categories for OSHA-Recordable Events

Figure 20. OSHA-Recordable Diagnoses by Diagnostic Category and Gender

Diagnostic Category	Gender	
	Women	Men
Musculoskeletal	4	31
Nervous System	0	5
Respiratory	0	3
Skin	0	1
Unspecified Symptoms	0	8
Injury	14	39
Fractures – Neck, Trunk	0	1
Fractures – Upper Limb	1	1
Fractures – Lower Limb	1	0
Dislocations	1	0
Back Sprains & Strains	0	1
Other Sprains & Strains	2	10
Open Wounds – Head, Neck, Trunk	3	3
Open Wounds – Upper Limb	1	7
Open Wounds – Lower Limb	1	2
Superficial Injuries	3	4
Bruises	1	4
Burns	0	1
Unspecified Injuries	0	2
Adverse Reactions to Non-Medical Substances	0	3

Figure 21. OSHA-Recordable Accidents by Type and Gender

Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Poisoning – Non-Medicinal	0	2
Falls	4	5
Natural/Environmental Factors	0	2
Other Accidents	6	36
Struck by an Object	1	12
Caught Between Objects	0	1
Cutting/Piercing Instrument/Object	3	4
Hot, Corrosive, or Caustic Material/Steam	0	1
Overexertion/Strenuous Movements	2	12
Noise	0	2
Repetitive Trauma	0	4
Total	10	45

Rates of OSHA-Recordable Events

Figure 22. OSHA-Recordable Rates by Age and Job Categories Among Women, All Diagnoses Combined

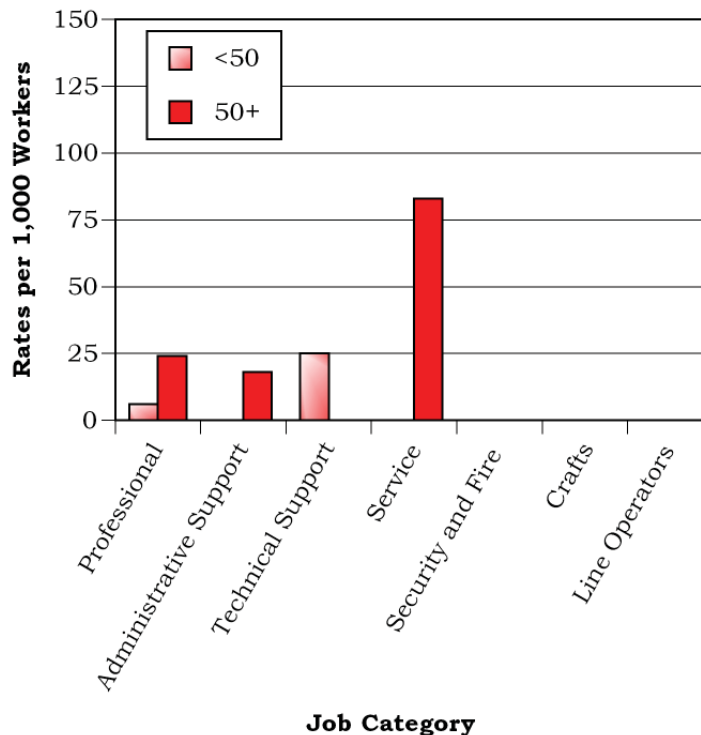
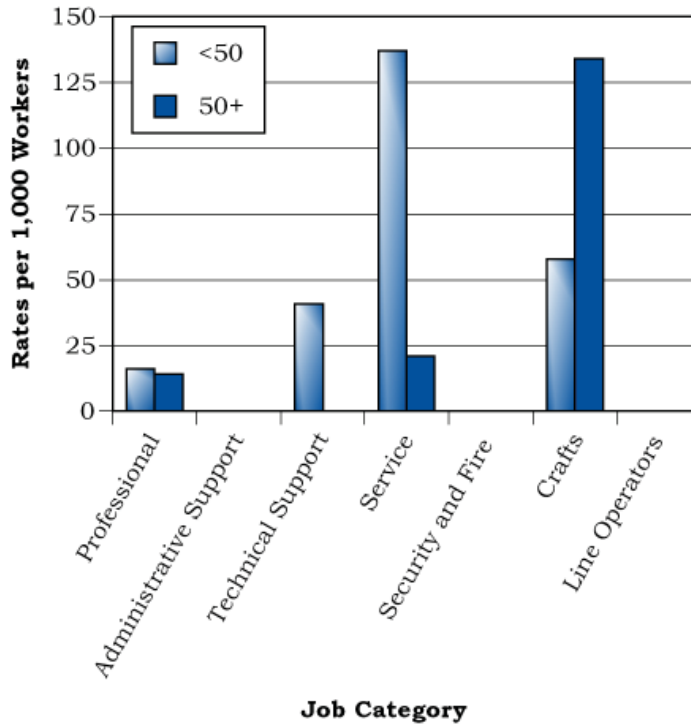
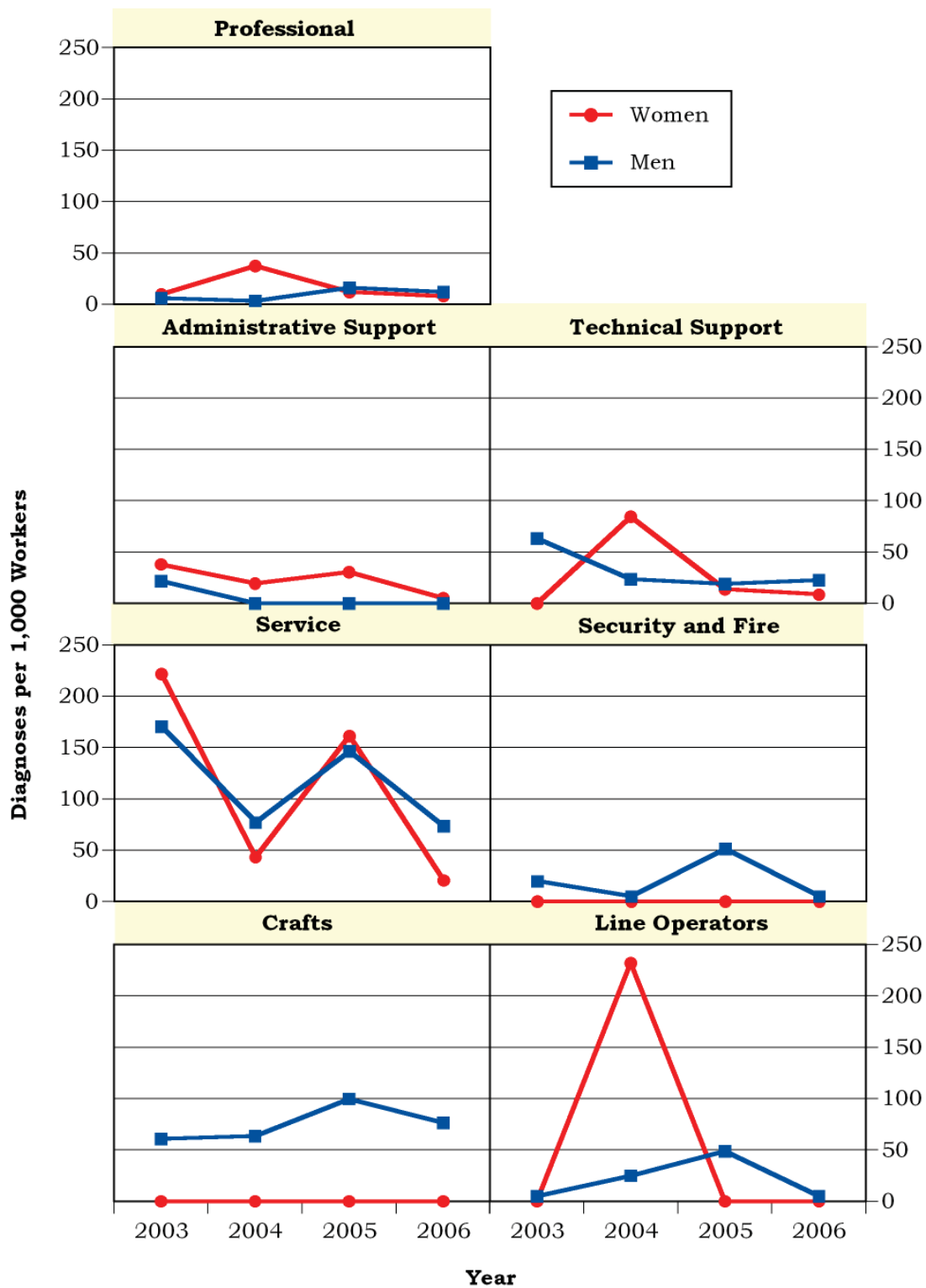


Figure 23. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined



Time Trends for OSHA-Recordable Events

Figure 24. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined Among Women and Men by Job Category from 2003 to 2006*



* Standardized to age distribution of 2000 U.S. population.

Appendices

Oak Ridge National Laboratory 2006

Absence Data

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

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 +		
Professional	26	96	236	250	608	57	255	617	1,060	1,989	2,597
Administrative Support	16	71	151	283	521	19	58	64	79	220	741
Technical Support	4	22	54	39	119	25	58	112	88	283	402
Service	3	6	19	36	64	13	18	42	48	121	185
Security and Fire	0	0	1	0	1	3	15	8	2	28	29
Crafts	0	2	5	8	15	16	38	100	217	371	386
Line Operators	0	0	1	0	1	2	18	20	23	63	64
TOTAL	49	197	467	616	1,329	135	460	963	1,517	3,075	4,404

Appendix B. Age Distribution of the Work Force by Gender

Year	Women				Men			
	Percent Distribution by Age Group				Percent Distribution by Age Group			
	16 - 29	30 - 39	40 - 49	50 +	16 - 29	30 - 39	40 - 49	50 +
1999	3.31	24.96	44.75	26.98	2.72	18.64	42.04	36.60
2000	3.34	22.32	44.37	29.97	2.57	17.20	40.03	40.20
2001	3.49	19.15	43.57	33.80	1.70	15.81	39.34	43.15
2002	2.16	19.68	44.02	34.14	1.82	15.47	38.48	44.23
2003	2.05	17.95	40.90	39.10	2.33	14.95	35.36	47.36
2004	2.89	16.85	39.88	40.38	2.55	14.57	35.71	47.16
2005	4.01	14.97	38.19	42.82	3.48	14.40	33.13	48.99
2006	3.69	14.82	35.14	46.35	4.39	14.96	31.32	49.33

Oak Ridge National Laboratory 2006

Absence Data

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

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 +		
Professional	3	12	32	40	87	2	14	30	120	166	253
Administrative Support	4	13	34	74	125	2	4	3	7	16	141
Technical Support	0	5	7	8	20	1	12	22	14	49	69
Service	1	1	6	16	24	5	4	9	11	29	53
Security and Fire	0	0	1	0	1	0	4	1	2	7	8
Crafts	0	0	2	3	5	2	6	27	51	86	91
Line Operators	0	0	0	0	0	0	2	3	4	9	9
TOTAL	8	31	82	141	262	12	46	95	209	362	624

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

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

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 +		
Professional	3	15	38	49	105	2	15	38	136	191	296
Administrative Support	4	16	39	96	155	2	4	3	11	20	175
Technical Support	0	6	9	12	27	1	17	30	23	71	98
Service	1	2	13	22	38	5	4	16	19	44	82
Security and Fire	0	0	2	0	2	0	6	1	2	9	11
Crafts	0	0	2	4	6	2	11	34	62	109	115
Line Operators	0	0	0	0	0	0	2	4	5	11	11
TOTAL	8	39	103	183	333	12	59	126	258	455	788

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

Oak Ridge National Laboratory 2006
Absence Data

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

# of Calendar Days	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
< 15	6	25	59	111	201	11	44	82	139	276	477
15 - 28	2	8	12	30	52	1	9	13	45	68	120
29 - 42	0	2	12	15	29	0	1	12	23	36	65
43 - 56	0	3	10	13	26	0	2	9	15	26	52
57 - 91	0	1	6	6	13	0	2	6	16	24	37
92 - 182	0	0	4	7	11	0	1	4	19	24	35
183 +	0	0	0	1	1	0	0	0	1	1	2
TOTAL	8	39	103	183	333	12	59	126	258	455	788

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

Oak Ridge National Laboratory 2006
Absence Data

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

Women

# of Calendar Days	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
< 15	59	96	20	23	1	2	0	201
15 - 28	20	25	4	3	0	0	0	52
29 - 42	12	12	0	3	0	2	0	29
43 - 56	7	14	3	2	0	0	0	26
57 - 91	5	5	0	1	0	2	0	13
92 - 182	2	2	0	6	1	0	0	11
183 +	0	1	0	0	0	0	0	1
TOTAL	105	155	27	38	2	6	0	333

Men

# of Calendar Days	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
< 15	126	14	52	28	4	45	7	276
15 - 28	30	1	9	2	2	22	2	68
29 - 42	10	1	4	2	0	18	1	36
43 - 56	11	1	4	3	0	6	1	26
57 - 91	13	2	1	4	1	3	0	24
92 - 182	0	1	1	5	2	15	0	24
183 +	1	0	0	0	0	0	0	1
TOTAL	191	20	71	44	9	109	11	455

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

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Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	2	7	10	20
-Intestinal Infectious Dis	001-009	0	0	1	0	1
-Other Bacterial Dis	030-041	0	2	4	3	9
-Viral Dis with Exanthem	050-057	0	0	0	2	2
-Other Viral Dis & Chlamydiae	070-079	1	0	1	5	7
-Mycoses	110-118	0	0	1	0	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	4	4
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	2	2
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0
-Breast	174-175	0	0	0	1	1
-Genitourinary	179-189	0	0	0	0	0
-Lymphatic & Hematopoietic	200-208	0	0	0	1	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	5	10	9	24
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	4	2	4	10
-Thyroid Gland Disorders	240-246	0	2	0	1	3
-Other Endocrine Gland Dis	250-259	0	0	0	1	1
-Other Metabolic & Immunity Disorders	270-279	0	2	2	2	6
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	1	0	1
MENTAL DISORDERS	290-319	0	0	6	11	17
-Non-Psychotic Disorders	300-302, 306-316	0	0	5	10	15
-Alcohol Dependence	303	0	0	0	1	1
-Drug Dependence	304-305	0	0	1	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	4	6	22	33
-Hereditary/Degenerative Central NS Dis	330-337	0	0	0	0	0
-Other Disorders of Central NS	340-349	0	2	1	4	7
-Disorders of Peripheral NS	350-359	0	0	3	9	12
-Disorders of Eye	360-379	0	1	0	5	6
-Dis of Ear & Mastoid	380-389	1	1	2	4	8
CIRCULATORY SYSTEM	390-459	0	0	5	10	15
-Hypertensive Dis	401-405	0	0	1	3	4
-Ischemic Heart Dis	410-414	0	0	0	4	4
-Other Heart Dis	420-429	0	0	1	3	4
-Cerebrovascular Dis	430-438	0	0	0	0	0
-Dis of Arteries & Capillaries	440-448	0	0	1	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	2	0	2
RESPIRATORY SYSTEM	460-519	4	9	25	51	89
-Acute Respiratory Infections	460-466	2	1	10	8	21

(Continued)

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

Oak Ridge National Laboratory 2006

Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	3	9	12	13	37	57	
-Intestinal Infectious Dis	001-009	1	0	1	1	3	4	
-Other Bacterial Dis	030-041	1	2	3	7	13	22	
-Viral Dis with Exanthem	050-057	0	2	0	0	2	4	
-Other Viral Dis & Chlamydiae	070-079	1	5	8	5	19	26	
-Mycoses	110-118	0	0	0	0	0	1	
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	4	10	14	18	
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0	0	2	
-Bone, Connective Tissue, Skin	170-173, 176	0	0	1	1	2	2	
-Breast	174-175	0	0	0	0	0	1	
-Genitourinary	179-189	0	0	3	9	12	12	
-Lymphatic & Hematopoietic	200-208	0	0	0	0	0	1	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	1	13	14	38	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	1	1	5	7	17	
-Thyroid Gland Disorders	240-246	0	0	0	1	1	4	
-Other Endocrine Gland Dis	250-259	0	1	1	1	3	4	
-Other Metabolic & Immunity Disorders	270-279	0	0	0	3	3	9	
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	2	1	3	4	
MENTAL DISORDERS	290-319	1	7	6	7	21	38	
-Non-Psychotic Disorders	300-302, 306-316	1	7	5	7	20	35	
-Alcohol Dependence	303	0	0	0	0	0	1	
-Drug Dependence	304-305	0	0	1	0	1	2	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	4	7	23	35	68	
-Hereditary/Degenerative Central NS Dis	330-337	0	0	2	0	2	2	
-Other Disorders of Central NS	340-349	0	0	0	0	0	7	
-Disorders of Peripheral NS	350-359	0	3	2	4	9	21	
-Disorders of Eye	360-379	0	0	3	10	13	19	
-Dis of Ear & Mastoid	380-389	1	1	0	8	10	18	
CIRCULATORY SYSTEM	390-459	0	2	11	45	58	73	
-Hypertensive Dis	401-405	0	1	2	11	14	18	
-Ischemic Heart Dis	410-414	0	0	1	16	17	21	
-Other Heart Dis	420-429	0	0	1	9	10	14	
-Cerebrovascular Dis	430-438	0	0	1	0	1	1	
-Dis of Arteries & Capillaries	440-448	0	0	1	3	4	5	
-Dis of Veins, Lymphatics, Other	451-459	0	1	5	6	12	14	
RESPIRATORY SYSTEM	460-519	7	15	22	36	80	169	
-Acute Respiratory Infections	460-466	2	3	11	8	24	45	

(Continued)

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

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Absence Data

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

		Women					TOTAL
		Age Group					
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
-Other Dis Upper Respiratory Tract	470-478	2	6	6	17	31	
-Pneumonia & Influenza	480-487	0	1	2	10	13	
-Chronic Obstructive Dis	490-496	0	1	7	16	24	
-Lung Dis from External Agents	500-508	0	0	0	0	0	
-Other Respiratory Dis	510-519	0	0	0	0	0	
DIGESTIVE SYSTEM	520-579	1	6	11	31	49	
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	0	5	6	
-Esophagus, Stomach, Duodenum	530-537	0	0	0	1	1	
-Hernia	550-553	0	1	0	0	1	
-Enteritis, Colitis	555-558	0	3	10	8	21	
-Other Intestinal Dis	560-569	0	2	1	7	10	
-Other Digestive Dis	570-579	0	0	0	10	10	
GENITOURINARY SYSTEM	580-629	1	9	19	7	36	
-Nephritis, Nephrosis	580-589	0	0	0	0	0	
-Other Urinary Dis	590-599	0	1	1	4	6	
-Male Genital Organ Dis	600-608	0	0	0	0	0	
-Breast Disorders	610-611	0	0	1	1	2	
-Pelvic Inflammatory Dis	614-616	0	1	1	0	2	
-Other Female Disorders	617-629	1	7	16	2	26	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	1	2	3	
-Infections	680-686	0	0	1	0	1	
-Other Inflammatory Conditions	690-698	0	0	0	0	0	
-Other	700-709	0	0	0	2	2	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	8	29	24	62	
-Arthropathies	710-719	1	1	3	8	13	
-Dorsopathies	720-724	0	4	15	10	29	
-Rheumatism, Excluding Back	725-729	0	3	8	5	16	
-Other Dis & Acquired Deformities	730-739	0	0	3	1	4	
CONGENITAL ANOMALIES	740-759	0	0	0	1	1	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	1	8	29	39	
-Symptoms	780-789	1	1	8	26	36	
-Non-Specific Abnormal Findings	790-796	0	0	0	3	3	
INJURY & POISONING	800-999	1	8	28	36	73	
-Fracture - Skull	800-804	0	0	0	1	1	
-Fracture - Neck, Trunk	805-809	0	0	0	1	1	
-Fracture - Upper Limb	810-819	0	1	1	2	4	

(Continued)

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

Oak Ridge National Laboratory 2006

Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
-Other Dis Upper Respiratory Tract	470-478	5	8	4	14	31	62	
-Pneumonia & Influenza	480-487	0	2	3	4	9	22	
-Chronic Obstructive Dis	490-496	0	0	3	8	11	35	
-Lung Dis from External Agents	500-508	0	1	0	1	2	2	
-Other Respiratory Dis	510-519	0	1	1	1	3	3	
DIGESTIVE SYSTEM	520-579	1	10	19	39	69	118	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	5	1	6	12	
-Esophagus, Stomach, Duodenum	530-537	0	1	2	1	4	5	
-Hernia	550-553	0	1	5	15	21	22	
-Enteritis, Colitis	555-558	1	4	6	7	18	39	
-Other Intestinal Dis	560-569	0	2	1	5	8	18	
-Other Digestive Dis	570-579	0	2	0	10	12	22	
GENITOURINARY SYSTEM	580-629	0	5	3	12	20	56	
-Nephritis, Nephrosis	580-589	0	0	0	1	1	1	
-Other Urinary Dis	590-599	0	5	1	5	11	17	
-Male Genital Organ Dis	600-608	0	0	2	6	8	8	
-Breast Disorders	610-611	0	0	0	0	0	2	
-Pelvic Inflammatory Dis	614-616	0	0	0	0	0	2	
-Other Female Disorders	617-629	0	0	0	0	0	26	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	5	6	11	14	
-Infections	680-686	0	0	3	1	4	5	
-Other Inflammatory Conditions	690-698	0	0	1	3	4	4	
-Other	700-709	0	0	1	2	3	5	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	8	28	65	102	164	
-Arthropathies	710-719	1	0	6	20	27	40	
-Dorsopathies	720-724	0	5	13	26	44	73	
-Rheumatism, Excluding Back	725-729	0	3	9	15	27	43	
-Other Dis & Acquired Deformities	730-739	0	0	0	4	4	8	
CONGENITAL ANOMALIES	740-759	0	0	2	2	4	5	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	4	18	22	44	83	
-Symptoms	780-789	0	4	17	14	35	71	
-Non-Specific Abnormal Findings	790-796	0	0	1	8	9	12	
INJURY & POISONING	800-999	1	10	24	47	82	155	
-Fracture - Skull	800-804	0	0	0	0	0	1	
-Fracture - Neck, Trunk	805-809	0	0	2	0	2	3	
-Fracture - Upper Limb	810-819	0	2	2	3	7	11	

(Continued)

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

Oak Ridge National Laboratory 2006

Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
-Fracture - Lower Limb	820-829	0	0	6	7	13
-Dislocation	830-839	1	0	4	3	8
-Sprains & Strains - Back	846-847	0	1	1	4	6
-Sprains & Strains - Other	840-845, 848	0	1	5	11	17
-Intracranial Injury	850-854	0	0	1	0	1
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	2	0	2
-Open Wound - Upper Limb	880-887	0	1	3	1	5
-Open Wound - Lower Limb	890-897	0	2	0	1	3
-Injury to Blood Vessels	900-904	0	0	0	0	0
-Late Effects of Accident	905-909	0	0	1	0	1
-Contusion	920-924	0	0	0	2	2
-Burns	940-949	0	0	0	2	2
-Injury to Nerves & Spinal Cord	950-957	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	1	2	0	3
-Unspecified Effects - External Causes	990-995	0	0	0	0	0
-Complications of Surgical/Medical Care	996-999	0	1	2	1	4
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	2	4	3	9
-Isolation & Prophylactic Measures	V07-V09	0	0	1	0	1
-Personal & Family History	V10-V19	0	0	1	1	2
-Specific Procedures/Aftercare	V50-V59	0	2	2	2	6
-Examination & Investigation	V70-V82	0	0	0	0	0

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

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Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
-Fracture - Lower Limb	820-829	0	0	3	1	4	17	
-Dislocation	830-839	0	2	6	13	21	29	
-Sprains & Strains - Back	846-847	1	0	1	5	7	13	
-Sprains & Strains - Other	840-845, 848	0	5	7	14	26	43	
-Intracranial Injury	850-854	0	0	0	1	1	2	
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	0	0	2	
-Open Wound - Upper Limb	880-887	0	0	0	0	0	5	
-Open Wound - Lower Limb	890-897	0	0	0	0	0	3	
-Injury to Blood Vessels	900-904	0	0	1	0	1	1	
-Late Effects of Accident	905-909	0	0	1	0	1	2	
-Contusion	920-924	0	0	1	1	2	4	
-Burns	940-949	0	0	0	0	0	2	
-Injury to Nerves & Spinal Cord	950-957	0	0	0	1	1	1	
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	3	
-Unspecified Effects - External Causes	990-995	0	0	0	1	1	1	
-Complications of Surgical/Medical Care	996-999	0	1	0	7	8	12	
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	0	3	3	6	15	
-Isolation & Prophylactic Measures	V07-V09	0	0	0	0	0	1	
-Personal & Family History	V10-V19	0	0	2	0	2	4	
-Specific Procedures/Aftercare	V50-V59	0	0	0	1	1	7	
-Examination & Investigation	V70-V82	0	0	1	2	3	3	

Diagnostic Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Total	11	58	162	254	485	15	75	168	349	607	1,092

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

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Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	7	41	107	156
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	571	571
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	82	403	174	659
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	77	67	94	238
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	7	0	7
MENTAL DISORDERS	290-319	0	0	344	304	648
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	5	114	113	468	700
CIRCULATORY SYSTEM	390-459	0	0	230	405	635
RESPIRATORY SYSTEM	460-519	16	65	265	504	850
DIGESTIVE SYSTEM	520-579	16	34	60	555	665
GENITOURINARY SYSTEM	580-629	4	286	402	100	792
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	7	24	31
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	17	165	673	648	1,503
CONGENITAL ANOMALIES	740-759	0	0	0	6	6
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	5	47	67	582	701
INJURY & POISONING	800-999	17	148	424	1,097	1,686

*Absences 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.

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Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	7	48	187	249	491	647	
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	23	316	339	910	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	13	396	409	1,068	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	4	2	70	76	314	
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	85	7	92	99	
MENTAL DISORDERS	290-319	6	48	102	473	629	1,277	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	18	97	222	490	827	1,527	
CIRCULATORY SYSTEM	390-459	0	19	115	1,481	1,615	2,250	
RESPIRATORY SYSTEM	460-519	58	121	199	661	1,039	1,889	
DIGESTIVE SYSTEM	520-579	5	102	220	652	979	1,644	
GENITOURINARY SYSTEM	580-629	0	34	21	151	206	998	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	164	134	298	329	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	11	134	867	2,595	3,607	5,110	
CONGENITAL ANOMALIES	740-759	0	0	14	60	74	80	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	40	192	465	697	1,398	
INJURY & POISONING	800-999	7	383	858	2,072	3,320	5,006	

*Absences 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.

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Absence Data

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

		Women						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	7	10	0	3	0	0	20
-Intestinal Infectious Dis	001-009	1	0	0	0	0	0	1
-Other Bacterial Dis	030-041	4	4	0	1	0	0	9
-Viral Dis with Exanthem	050-057	0	0	0	2	0	0	2
-Other Viral Dis & Chlamydiae	070-079	2	5	0	0	0	0	7
-Mycoses	110-118	0	1	0	0	0	0	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	4	0	0	0	0	4
-Lip, Oral Cavity, Pharynx	140-149	0	2	0	0	0	0	2
-Breast	174-175	0	1	0	0	0	0	1
-Lymphatic & Hematopoietic	200-208	0	1	0	0	0	0	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	11	5	5	1	0	2	24
ENDOCRINE/METABOLIC/IMMUNITY	240-279	5	4	0	1	0	0	10
-Thyroid Gland Disorders	240-246	3	0	0	0	0	0	3
-Other Endocrine Gland Dis	250-259	0	1	0	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	2	3	0	1	0	0	6
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	1	0	0	1
MENTAL DISORDERS	290-319	4	6	1	3	2	1	17
-Non-Psychotic Disorders	300-302, 306-316	4	5	1	2	2	1	15
-Alcohol Dependence	303	0	0	0	1	0	0	1
-Drug Dependence	304-305	0	1	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	9	15	5	4	0	0	33
-Other Disorders of Central NS	340-349	3	1	1	2	0	0	7
-Disorders of Peripheral NS	350-359	3	6	2	1	0	0	12
-Disorders of Eye	360-379	3	1	1	1	0	0	6
-Dis of Ear & Mastoid	380-389	0	7	1	0	0	0	8
CIRCULATORY SYSTEM	390-459	2	11	1	1	0	0	15
-Hypertensive Dis	401-405	1	2	1	0	0	0	4
-Ischemic Heart Dis	410-414	0	4	0	0	0	0	4
-Other Heart Dis	420-429	1	3	0	0	0	0	4
-Dis of Arteries & Capillaries	440-448	0	0	0	1	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	2	0	0	0	0	2

(Continued)

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

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Absence Data

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

Diagnostic Category		Women						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
ICD-9-CM Code								
RESPIRATORY SYSTEM	460-519	24	51	4	10	0	0	89
-Acute Respiratory Infections	460-466	8	11	1	1	0	0	21
-Other Dis Upper Respiratory Tract	470-478	7	17	2	5	0	0	31
-Pneumonia & Influenza	480-487	5	8	0	0	0	0	13
-Chronic Obstructive Dis	490-496	4	15	1	4	0	0	24
DIGESTIVE SYSTEM	520-579	18	22	2	6	0	1	49
-Oral Cavity, Saliva Glands, Jaw	520-529	2	3	0	0	0	1	6
-Esophagus, Stomach, Duodenum	530-537	0	1	0	0	0	0	1
-Hernia	550-553	0	1	0	0	0	0	1
-Enteritis, Colitis	555-558	8	8	1	4	0	0	21
-Other Intestinal Dis	560-569	1	6	1	2	0	0	10
-Other Digestive Dis	570-579	7	3	0	0	0	0	10
GENTOURINARY SYSTEM	580-629	15	10	4	7	0	0	36
-Other Urinary Dis	590-599	0	1	0	5	0	0	6
-Breast Disorders	610-611	0	2	0	0	0	0	2
-Pelvic Inflammatory Dis	614-616	2	0	0	0	0	0	2
-Other Female Disorders	617-629	13	7	4	2	0	0	26
SKIN & SUBCUTANEOUS TISSUE	680-709	0	2	0	1	0	0	3
-Infections	680-686	0	1	0	0	0	0	1
-Other	700-709	0	1	0	1	0	0	2
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	20	32	4	4	0	2	62
-Arthropathies	710-719	5	5	1	2	0	0	13
-Dorsopathies	720-724	10	14	2	2	0	1	29
-Rheumatism, Excluding Back	725-729	4	10	1	0	0	1	16
-Other Dis & Acquired Deformities	730-739	1	3	0	0	0	0	4
CONGENITAL ANOMALIES	740-759	0	0	1	0	0	0	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	8	22	2	6	0	1	39
-Symptoms	780-789	7	20	2	6	0	1	36
-Non-Specific Abnormal Findings	790-796	1	2	0	0	0	0	3
INJURY & POISONING	800-999	29	23	10	8	2	1	73
-Fracture - Skull	800-804	0	0	0	0	0	1	1
-Fracture - Neck, Trunk	805-809	0	1	0	0	0	0	1
-Fracture - Upper Limb	810-819	1	1	1	1	0	0	4

(Continued)

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

Oak Ridge National Laboratory 2006

Absence Data

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

Diagnostic Category		Women						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
	ICD-9-CM Code							
-Fracture - Lower Limb	820-829	4	6	1	2	0	0	13
-Dislocation	830-839	4	2	1	1	0	0	8
-Sprains & Strains - Back	846-847	1	3	1	1	0	0	6
-Sprains & Strains - Other	840-845, 848	8	5	3	1	0	0	17
-Intracranial Injury	850-854	0	1	0	0	0	0	1
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	2	0	0	0	0	0	2
-Open Wound - Upper Limb	880-887	1	1	1	0	2	0	5
-Open Wound - Lower Limb	890-897	2	0	1	0	0	0	3
-Late Effects of Accident	905-909	0	1	0	0	0	0	1
-Contusion	920-924	2	0	0	0	0	0	2
-Burns	940-949	1	0	1	0	0	0	2
-Complications & Unspecified Injuries	958-959	1	0	0	2	0	0	3
-Complications of Surgical/Medical Care	996-999	2	2	0	0	0	0	4
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	3	5	0	1	0	0	9
-Isolation & Prophylactic Measures	V07-V09	0	1	0	0	0	0	1
-Personal & Family History	V10-V19	0	2	0	0	0	0	2
-Specific Procedures/Aftercare	V50-V59	3	2	0	1	0	0	6

Diagnostic Category	Women						
	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Total	155	222	39	57	4	8	485

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

Oak Ridge National Laboratory 2006

Absence Data

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

		Men		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	17	2	7
-Intestinal Infectious Dis	001-009	1	0	1
-Other Bacterial Dis	030-041	8	2	0
-Viral Dis with Exanthem	050-057	0	0	0
-Other Viral Dis & Chlamydiae	070-079	8	0	6
MALIGNANT NEOPLASMS	140-208, 230-234	11	0	2
-Bone, Connective Tissue, Skin	170-173, 176	1	0	0
-Genitourinary	179-189	10	0	2
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	4	1	2
ENDOCRINE/METABOLIC/IMMUNITY	240-279	1	0	2
-Thyroid Gland Disorders	240-246	0	0	0
-Other Endocrine Gland Dis	250-259	1	0	1
-Other Metabolic & Immunity Disorders	270-279	0	0	1
BLOOD & BLOOD-FORMING ORGANS	280-289	3	0	0
MENTAL DISORDERS	290-319	6	2	3
-Non-Psychotic Disorders	300-302, 306-316	6	2	3
-Drug Dependence	304-305	0	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	15	1	1
-Hereditary/Degenerative Central NS Dis	330-337	2	0	0
-Disorders of Peripheral NS	350-359	4	0	0
-Disorders of Eye	360-379	7	1	1
-Dis of Ear & Mastoid	380-389	2	0	0
CIRCULATORY SYSTEM	390-459	24	6	7
-Hypertensive Dis	401-405	2	2	2
-Ischemic Heart Dis	410-414	11	1	2
-Other Heart Dis	420-429	4	3	0
-Cerebrovascular Dis	430-438	1	0	0
-Dis of Arteries & Capillaries	440-448	3	0	0
-Dis of Veins, Lymphatics, Other	451-459	3	0	3
RESPIRATORY SYSTEM	460-519	34	5	15
-Acute Respiratory Infections	460-466	10	2	7
-Other Dis Upper Respiratory Tract	470-478	12	2	6
-Pneumonia & Influenza	480-487	6	1	0
-Chronic Obstructive Dis	490-496	5	0	1
-Lung Dis from External Agents	500-508	0	0	1

(Continued)

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

Oak Ridge National Laboratory 2006

Absence Data

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

Diagnostic Category		Men				
		Job Category				TOTAL
		Service	Security and Fire	Crafts	Line Operators	
ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	5	0	5	1	37
-Intestinal Infectious Dis	001-009	1	0	0	0	3
-Other Bacterial Dis	030-041	1	0	2	0	13
-Viral Dis with Exanthem	050-057	1	0	0	1	2
-Other Viral Dis & Chlamydiae	070-079	2	0	3	0	19
MALIGNANT NEOPLASMS	140-208, 230-234	1	0	0	0	14
-Bone, Connective Tissue, Skin	170-173, 176	1	0	0	0	2
-Genitourinary	179-189	0	0	0	0	12
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	7	0	14
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	3	1	7
-Thyroid Gland Disorders	240-246	0	0	0	1	1
-Other Endocrine Gland Dis	250-259	0	0	1	0	3
-Other Metabolic & Immunity Disorders	270-279	0	0	2	0	3
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	3
MENTAL DISORDERS	290-319	6	0	4	0	21
-Non-Psychotic Disorders	300-302, 306-316	6	0	3	0	20
-Drug Dependence	304-305	0	0	1	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	2	0	16	0	35
-Hereditary/Degenerative Central NS Dis	330-337	0	0	0	0	2
-Disorders of Peripheral NS	350-359	0	0	5	0	9
-Disorders of Eye	360-379	2	0	2	0	13
-Dis of Ear & Mastoid	380-389	0	0	8	0	10
CIRCULATORY SYSTEM	390-459	4	1	13	3	58
-Hypertensive Dis	401-405	0	1	5	2	14
-Ischemic Heart Dis	410-414	1	0	2	0	17
-Other Heart Dis	420-429	1	0	2	0	10
-Cerebrovascular Dis	430-438	0	0	0	0	1
-Dis of Arteries & Capillaries	440-448	0	0	1	0	4
-Dis of Veins, Lymphatics, Other	451-459	2	0	3	1	12
RESPIRATORY SYSTEM	460-519	6	1	18	1	80
-Acute Respiratory Infections	460-466	2	1	2	0	24
-Other Dis Upper Respiratory Tract	470-478	1	0	9	1	31
-Pneumonia & Influenza	480-487	1	0	1	0	9
-Chronic Obstructive Dis	490-496	2	0	3	0	11
-Lung Dis from External Agents	500-508	0	0	1	0	2

(Continued)

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

Oak Ridge National Laboratory 2006

Absence Data

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

		Men			
		Job Category			
		Professional	Administrative Support	Technical Support	Service
Diagnostic Category	ICD-9-CM Code				
-Other Respiratory Dis	510-519	1	0	0	0
DIGESTIVE SYSTEM	520-579	24	2	20	4
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	2
-Esophagus, Stomach, Duodenum	530-537	2	0	1	0
-Hernia	550-553	10	1	5	0
-Enteritis, Colitis	555-558	4	0	11	0
-Other Intestinal Dis	560-569	4	0	1	0
-Other Digestive Dis	570-579	4	1	2	2
GENITOURINARY SYSTEM	580-629	5	2	5	2
-Nephritis, Nephrosis	580-589	0	1	0	0
-Other Urinary Dis	590-599	1	1	4	1
-Male Genital Organ Dis	600-608	4	0	1	1
SKIN & SUBCUTANEOUS TISSUE	680-709	3	0	2	0
-Infections	680-686	0	0	0	0
-Other Inflammatory Conditions	690-698	2	0	1	0
-Other	700-709	1	0	1	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	39	1	13	15
-Arthropathies	710-719	15	1	3	3
-Dorsopathies	720-724	13	0	5	10
-Rheumatism, Excluding Back	725-729	9	0	4	2
-Other Dis & Acquired Deformities	730-739	2	0	1	0
CONGENITAL ANOMALIES	740-759	3	1	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	22	2	8	1
-Symptoms	780-789	15	2	6	1
-Non-Specific Abnormal Findings	790-796	7	0	2	0
INJURY & POISONING	800-999	36	2	9	4
-Fracture - Neck, Trunk	805-809	0	0	0	0
-Fracture - Upper Limb	810-819	5	0	0	0
-Fracture - Lower Limb	820-829	3	1	0	0
-Dislocation	830-839	11	0	1	1
-Sprains & Strains - Back	846-847	4	0	1	0
-Sprains & Strains - Other	840-845, 848	6	1	6	2
-Intracranial Injury	850-854	0	0	0	0
-Injury to Blood Vessels	900-904	0	0	0	0
-Late Effects of Accident	905-909	0	0	0	0

(Continued)

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

Oak Ridge National Laboratory 2006

Absence Data

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

		Men			
		Job Category			TOTAL
		Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code				
-Other Respiratory Dis	510-519	0	2	0	3
DIGESTIVE SYSTEM	520-579	2	17	0	69
-Oral Cavity, Saliva Glands, Jaw	520-529	0	4	0	6
-Esophagus, Stomach, Duodenum	530-537	0	1	0	4
-Hernia	550-553	0	5	0	21
-Enteritis, Colitis	555-558	1	2	0	18
-Other Intestinal Dis	560-569	0	3	0	8
-Other Digestive Dis	570-579	1	2	0	12
GENITOURINARY SYSTEM	580-629	0	5	1	20
-Nephritis, Nephrosis	580-589	0	0	0	1
-Other Urinary Dis	590-599	0	4	0	11
-Male Genital Organ Dis	600-608	0	1	1	8
SKIN & SUBCUTANEOUS TISSUE	680-709	0	6	0	11
-Infections	680-686	0	4	0	4
-Other Inflammatory Conditions	690-698	0	1	0	4
-Other	700-709	0	1	0	3
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	5	26	3	102
-Arthropathies	710-719	1	2	2	27
-Dorsopathies	720-724	0	16	0	44
-Rheumatism, Excluding Back	725-729	3	8	1	27
-Other Dis & Acquired Deformities	730-739	1	0	0	4
CONGENITAL ANOMALIES	740-759	0	0	0	4
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	8	2	44
-Symptoms	780-789	1	8	2	35
-Non-Specific Abnormal Findings	790-796	0	0	0	9
INJURY & POISONING	800-999	2	28	1	82
-Fracture - Neck, Trunk	805-809	0	2	0	2
-Fracture - Upper Limb	810-819	0	2	0	7
-Fracture - Lower Limb	820-829	0	0	0	4
-Dislocation	830-839	2	6	0	21
-Sprains & Strains - Back	846-847	0	2	0	7
-Sprains & Strains - Other	840-845, 848	0	10	1	26
-Intracranial Injury	850-854	0	1	0	1
-Injury to Blood Vessels	900-904	0	1	0	1
-Late Effects of Accident	905-909	0	1	0	1

(Continued)

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

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Absence Data

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

		Men			
		Job Category			
		Professional	Administrative Support	Technical Support	Service
Diagnostic Category	ICD-9-CM Code				
-Contusion	920-924	0	0	0	1
-Injury to Nerves & Spinal Cord	950-957	1	0	0	0
-Unspecified Effects - External Causes	990-995	1	0	0	0
-Complications of Surgical/Medical Care	996-999	5	0	1	0
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	2	0	0	2
-Personal & Family History	V10-V19	1	0	0	1
-Specific Procedures/Aftercare	V50-V59	0	0	0	0
-Examination & Investigation	V70-V82	1	0	0	1

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

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Absence Data

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

		Men			
		Job Category			TOTAL
		Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code				
-Contusion	920-924	0	1	0	2
-Injury to Nerves & Spinal Cord	950-957	0	0	0	1
-Unspecified Effects - External Causes	990-995	0	0	0	1
-Complications of Surgical/Medical Care	996-999	0	2	0	8
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	1	1	6
-Personal & Family History	V10-V19	0	0	0	2
-Specific Procedures/Aftercare	V50-V59	0	0	1	1
-Examination & Investigation	V70-V82	0	1	0	3

	Men							
	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category								
Total	249	27	96	52	12	157	14	607

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

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Absence Data

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

		Women						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	37	53	0	66	0	0	156
MALIGNANT NEOPLASMS	140-208, 230-234	0	571	0	0	0	0	571
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	369	171	73	3	0	43	659
ENDOCRINE/METABOLIC/IMMUNITY	240-279	135	68	0	35	0	0	238
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	7	0	0	7
MENTAL DISORDERS	290-319	149	107	4	150	160	78	648
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	219	263	59	159	0	0	700
CIRCULATORY SYSTEM	390-459	194	337	4	100	0	0	635
RESPIRATORY SYSTEM	460-519	184	474	20	172	0	0	850
DIGESTIVE SYSTEM	520-579	241	287	15	44	0	78	665
GENITOURINARY SYSTEM	580-629	284	274	105	129	0	0	792
SKIN & SUBCUTANEOUS TISSUE	680-709	0	24	0	7	0	0	31
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	472	721	98	118	0	94	1,503
CONGENITAL ANOMALIES	740-759	0	0	6	0	0	0	6
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	369	208	9	37	0	78	701
INJURY & POISONING	800-999	439	450	76	703	7	11	1,686

*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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Absence Data

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

		Men		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	104	5	28
MALIGNANT NEOPLASMS	140-208, 230-234	280	0	46
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	84	13	74
ENDOCRINE/METABOLIC/IMMUNITY	240-279	2	0	24
BLOOD & BLOOD-FORMING ORGANS	280-289	92	0	0
MENTAL DISORDERS	290-319	69	220	39
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	177	14	5
CIRCULATORY SYSTEM	390-459	774	145	60
RESPIRATORY SYSTEM	460-519	208	34	113
DIGESTIVE SYSTEM	520-579	265	32	177
GENITOURINARY SYSTEM	580-629	27	46	38
SKIN & SUBCUTANEOUS TISSUE	680-709	45	0	13
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	978	56	300
CONGENITAL ANOMALIES	740-759	32	42	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	374	5	55
INJURY & POISONING	800-999	833	76	348

*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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Absence Data

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

		Men					TOTAL
		Job Category					
		Service	Security and Fire	Crafts	Line Operators		
Diagnostic Category	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	21	0	330	3	491	
MALIGNANT NEOPLASMS	140-208, 230-234	13	0	0	0	339	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	238	0	409	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	39	11	76	
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	92	
MENTAL DISORDERS	290-319	184	0	117	0	629	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	8	0	623	0	827	
CIRCULATORY SYSTEM	390-459	222	7	383	24	1,615	
RESPIRATORY SYSTEM	460-519	91	15	576	2	1,039	
DIGESTIVE SYSTEM	520-579	70	19	416	0	979	
GENITOURINARY SYSTEM	580-629	12	0	63	20	206	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	240	0	298	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	618	293	1,275	87	3,607	
CONGENITAL ANOMALIES	740-759	0	0	0	0	74	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	11	13	222	17	697	
INJURY & POISONING	800-999	200	114	1,716	33	3,320	

*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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Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates 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/Parasites	001-139	37	15.5	9.5	25.2
Cancer	140-208, 230-234	14	3.3	1.9	5.7
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	2	0.6	0.1	2.3
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	12	2.7	1.5	5.0
-Other & Unspecified Sites	190, 193-199	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
-Carcinoma in situ	230-234	0	0	0	0
Benign Growths	210-229, 235-239	14	2.6	1.5	4.6
Endocrine/Metabolic	240-279	7	1.6	0.7	3.8
-Other Endocrine Glands	250-259	3	0.9	0.2	3.2
Blood	280-289	3	0.6	0.2	2.0
Mental	290-319	21	8.1	4.5	14.8
-Non-Psychotic Conditions	300-302, 306-316	20	7.9	4.3	14.6
Nervous System	320-389	35	9.4	5.7	15.6
-Disorders of Peripheral NS	350-359	9	2.6	1.2	5.5
Heart/Circulatory	390-459	58	11.6	8.7	15.4
-Hypertensive Disease	401-405	14	2.7	1.5	4.9
-Ischemic Heart Disease	410-414	17	3.2	1.9	5.4
Respiratory	460-519	80	33.4	23.9	46.8
-Chronic Obstructive Diseases	490-496	11	2.2	1.2	4.1
-Lung Disease from External Agents	500-508	2	0.7	0.1	3.2
Digestive	520-579	69	18.6	13.6	25.5
-Hernias	550-553	21	4.6	2.8	7.3
Genitourinary	580-629	20	5.3	3.2	8.9
-Nephritis, Nephrosis	580-589	1	0.1	0.0	1.0
Miscarriage**	630-677	0	0	0	0
Skin	680-709	11	2.6	1.4	4.8
Musculoskeletal	710-739	102	23.9	18.5	30.8
-Arthropathies	710-719	27	6.7	3.6	12.6
-Dorsopathies	720-724	44	10.4	7.5	14.5
-Rheumatism, Excluding Back	725-729	27	6.0	3.9	9.2
Congenital Anomalies	740-759	4	0.8	0.3	2.1

*Standardized to age distribution of 2000 U.S. population.

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

Oak Ridge National Laboratory 2006

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category

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
Unspecified Symptoms	780-799	44	10.2	7.4	14.1
Injury	800-999	82	20.5	15.3	27.4
-Fractures - Skull, Neck, Trunk	800-809	2	0.5	0.1	1.9
-Fractures - Upper Limb	810-819	7	2.1	0.9	4.8
-Fractures - Lower Limb	820-829	4	1.0	0.4	2.8
-Dislocations	830-839	21	4.8	3.0	7.8
-Back Sprains & Strains	846-847	7	2.9	0.7	11.0
-Other Sprains & Strains	840-845, 848	26	6.4	4.1	10.0
-Open Wounds	870-887, 890-897	0	0	0	0
-Burns	940-949	0	0	0	0
-Adverse Reactions to Nonmedical Substances	980-989	0	0	0	0
-Adverse Reactions to External Causes	990-995	1	0.1	0.0	1.0
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		601	168.1	149.8	188.7

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/Parasites	001-139	20	16.1	7.9	32.8
Cancer	140-208, 230-234	4	2.3	0.7	7.8
-Lip, Oral Cavity, Pharynx	140-149	2	0.7	0.2	2.6
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0
-Breast	174-175	1	1.3	0.2	9.3
-Genitourinary	179-189	0	0	0	0
-Other & Unspecified Sites	190, 193-199	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	1	0.3	0.0	2.3
-Carcinoma in situ	230-234	0	0	0	0
Benign Growths	210-229, 235-239	24	13.8	8.7	21.8
Endocrine/Metabolic	240-279	10	7.0	3.4	14.3
-Other Endocrine Glands	250-259	1	0.3	0.0	2.3
Blood	280-289	1	0.5	0.1	3.5
Mental	290-319	17	8.5	4.9	14.9
-Non-Psychotic Conditions	300-302, 306-316	15	7.7	4.2	14.0
Nervous System	320-389	33	21.9	12.6	38.0

*Standardized to age distribution of 2000 U.S. population.

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

Oak Ridge National Laboratory 2006

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category

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
-Disorders of Peripheral NS	350-359	12	5.4	2.8	10.5
Heart/Circulatory	390-459	15	6.7	3.8	12.0
-Hypertensive Disease	401-405	4	1.5	0.5	4.0
-Ischemic Heart Disease	410-414	4	2.3	0.7	7.8
Respiratory	460-519	89	70.6	50.7	98.5
-Chronic Obstructive Diseases	490-496	24	16.8	10.5	26.8
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	49	33.6	22.3	50.6
-Hernias	550-553	1	1.2	0.2	8.4
Genitourinary	580-629	36	31.3	20.2	48.7
-Nephritis, Nephrosis	580-589	0	0	0	0
Miscarriage**	630-677	0	0	0	0
Skin	680-709	3	3.1	0.9	10.4
Musculoskeletal	710-739	62	39.7	27.9	56.5
-Arthropathies	710-719	13	12.3	5.0	30.1
-Dorsopathies	720-724	29	15.4	10.3	23.2
-Rheumatism, Excluding Back	725-729	16	10.1	5.8	17.7
Congenital Anomalies	740-759	1	0.3	0.0	2.3
Unspecified Symptoms	780-799	39	27.5	17.1	44.3
Injury	800-999	73	45.1	32.6	62.3
-Fractures - Skull, Neck, Trunk	800-809	2	0.7	0.2	2.6
-Fractures - Upper Limb	810-819	4	3.3	1.1	10.0
-Fractures - Lower Limb	820-829	13	5.3	3.0	9.2
-Dislocations	830-839	8	9.0	2.8	28.6
-Back Sprains & Strains	846-847	6	4.0	1.5	10.2
-Other Sprains & Strains	840-845, 848	17	9.2	5.3	16.2
-Open Wounds	870-887, 890-897	8	5.7	2.6	12.4
-Burns	940-949	2	0.7	0.2	2.6
-Adverse Reactions to Nonmedical Substances	980-989	0	0	0	0
-Adverse Reactions to External Causes	990-995	0	0	0	0
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		476	328.2	287.2	375.0

*Standardized to age distribution of 2000 U.S. population.

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

Oak Ridge National Laboratory 2006

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates 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/Parasites	001-139	57	15.5	10.4	23.1
Cancer	140-208, 230-234	18	3.1	1.8	5.1
-Lip, Oral Cavity, Pharynx	140-149	2	0.2	0.0	0.8
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	2	0.4	0.1	1.8
-Breast	174-175	1	0.3	0.0	1.9
-Genitourinary	179-189	12	2.1	1.1	3.8
-Other & Unspecified Sites	190, 193-199	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	1	0.1	0.0	0.7
-Carcinoma in situ	230-234	0	0	0	0
Benign Growths	210-229, 235-239	38	6.2	4.3	9.0
Endocrine/Metabolic	240-279	17	3.3	1.9	5.8
-Other Endocrine Glands	250-259	4	0.7	0.2	2.2
Blood	280-289	4	0.6	0.2	1.6
Mental	290-319	38	8.1	5.2	12.7
-Non-Psychotic Conditions	300-302, 306-316	35	7.7	4.8	12.3
Nervous System	320-389	68	13.0	9.0	18.8
-Disorders of Peripheral NS	350-359	21	3.3	2.0	5.5
Heart/Circulatory	390-459	73	10.4	8.1	13.5
-Hypertensive Disease	401-405	18	2.4	1.4	4.0
-Ischemic Heart Disease	410-414	21	3.0	1.8	4.8
Respiratory	460-519	169	43.5	34.4	55.1
-Chronic Obstructive Diseases	490-496	35	5.9	4.1	8.5
-Lung Disease from External Agents	500-508	2	0.5	0.1	2.2
Digestive	520-579	118	22.6	17.7	29.0
-Hernias	550-553	22	3.7	2.3	5.9
Genitourinary	580-629	56	12.9	9.2	18.0
-Nephritis, Nephrosis	580-589	1	0.1	0.0	0.7
Miscarriage**	630-677	0	0	0	0
Skin	680-709	14	2.6	1.5	4.6
Musculoskeletal	710-739	164	28.9	23.5	35.4
-Arthropathies	710-719	40	8.2	4.9	13.8
-Dorsopathies	720-724	73	12.3	9.5	15.9
-Rheumatism, Excluding Back	725-729	43	7.2	5.1	10.1
Congenital Anomalies	740-759	5	0.6	0.3	1.5

*Standardized to age distribution of 2000 U.S. population.

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

Oak Ridge National Laboratory 2006

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category

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
Unspecified Symptoms	780-799	83	14.5	10.8	19.3
Injury	800-999	155	27.7	22.4	34.2
-Fractures - Skull, Neck, Trunk	800-809	4	0.5	0.2	1.4
-Fractures - Upper Limb	810-819	11	2.4	1.2	4.6
-Fractures - Lower Limb	820-829	17	2.4	1.5	4.0
-Dislocations	830-839	29	6.0	3.4	10.4
-Back Sprains & Strains	846-847	13	3.1	1.2	8.0
-Other Sprains & Strains	840-845, 848	43	7.1	5.0	9.9
-Open Wounds	870-887, 890-897	8	1.8	0.8	3.8
-Burns	940-949	2	0.2	0.0	0.8
-Adverse Reactions to Nonmedical Substances	980-989	0	0	0	0
-Adverse Reactions to External Causes	990-995	1	0.1	0.0	0.7
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		1077	213.4	195.8	232.6

*Standardized to age distribution of 2000 U.S. population.

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

Oak Ridge National Laboratory 2006
OSHA Data

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

Job Category	Women				Men					TOTAL
	Age Group			TOTAL	Age Group				TOTAL	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	1	0	3	4	0	1	8	6	15	19
Administrative Support	0	0	3	3	0	0	0	0	0	3
Technical Support	0	2	0	2	0	1	4	0	5	7
Service	0	0	1	1	1	0	3	1	5	6
Crafts	0	0	0	0	1	0	5	16	22	22
TOTAL	1	2	7	10	2	2	20	23	47	57

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

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

Age Group	Women			Men			TOTAL		
	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost
16 - 29	0	0	0	2	0	0	2	0	0
30 - 39	1	0	0	2	26	0	3	26	0
40 - 49	2	0	0	21	160	10	23	160	10
50 +	7	0	30	23	72	9	30	72	39
TOTAL	10	0	30	48	258	19	58	258	49

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

Job Category	Women			Men			Total		
	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost
Professional	4	0	0	15	0	9	19	0	9
Administrative Support	3	0	0	0	0	0	3	0	0
Technical Support	2	0	0	5	69	0	7	69	0
Service	1	0	30	6	19	0	7	19	30
Crafts	0	0	0	22	170	10	22	170	10
Total	10	0	30	48	258	19	58	258	49

*Only those job categories with at least one OSHA event appear in this table.

Oak Ridge National Laboratory 2006

OSHA Data

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

		Women				Men				TOTAL	
		Age Group			TOTAL	Age Group			TOTAL		
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49			50 +
Diagnostic Category	ICD-9-CM code										
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	0	0	0	1	4	5	5
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	1	1	1
-Disorders of Eye	360-379	0	0	0	0	0	0	1	1	2	2
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	2	2	2
RESPIRATORY SYSTEM	460-519	0	0	0	0	0	0	0	3	3	3
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	0	1	1	1
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	0	1	1	1
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	1	1	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	0	0	1	0	1	1
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	1	0	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	0	3	4	0	1	17	13	31	35
-Arthropathies	710-719	1	0	3	4	0	1	11	10	22	26
-Dorsopathies	720-724	0	0	0	0	0	0	4	0	4	4
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	2	3	5	5
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	0	0	0	3	5	8	8
-Symptoms	780-789	0	0	0	0	0	0	3	5	8	8
INJURY & POISONING	800-999	1	2	11	14	2	3	14	20	39	53
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	0	1	0	1	1
-Fracture - Upper Limb	810-819	0	0	1	1	0	1	0	0	1	2
-Fracture - Lower Limb	820-829	0	0	1	1	0	0	0	0	0	1
-Dislocation	830-839	0	0	1	1	0	0	0	0	0	1
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	1	0	1	1
-Sprains & Strains - Other	840-845, 848	1	0	1	2	0	0	4	6	10	12
-Open Wound - Head, Neck, Trunk	870-879	0	0	3	3	0	0	1	2	3	6
-Open Wound - Upper Limb	880-887	0	1	0	1	1	1	2	3	7	8
-Open Wound - Lower Limb	890-897	0	0	1	1	0	1	0	1	2	3
-Superficial Injury	910-919	0	1	2	3	0	0	2	2	4	7
-Contusion	920-924	0	0	1	1	1	0	0	3	4	5
-Burns	940-949	0	0	0	0	0	0	0	1	1	1
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0	1	1	2	2
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	0	2	1	3	3

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

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OSHA Data

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

	Women				Men					TOTAL
	Age Group			TOTAL	Age Group				TOTAL	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category										
Total	2	2	14	18	2	4	36	45	87	105

*Only those diagnostic categories and gender/age combinations with at least one OSHA event 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*

		Women					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Arthropathies	710-719	0	0	0	0	0	30
-Fracture - Upper Limb	810-819	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	30
-Dislocation	830-839	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	30
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	0
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	0	0
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	0	0
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	26	0	117	10	72	0
-Dorsopathies	720-724	0	0	0	0	43	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0
-Symptoms	780-789	0	0	0	0	0	0	0	0
-Fracture - Neck, Trunk	805-809	0	0	0	0	43	0	0	0
-Fracture - Upper Limb	810-819	0	0	26	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	116	8	72	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	26	0	0	0	0	0

(Continued)

*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.

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OSHA Data

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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	9
-Burns	940-949	0	0	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0	0	9
-Toxic Effects - Non-medicinal	980-989	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.

Oak Ridge National Laboratory 2006
OSHA Data

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

		Women				Men				TOTAL	
		Age Group			TOTAL	Age Group			TOTAL		
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49			50 +
Type of Accident	E Codes										
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	0	1	1	2	2
Falls	E880-E888	0	0	4	4	0	1	3	1	5	9
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	2	0	2	2
Other Accidents	E916-E928	1	2	3	6	2	1	13	20	36	42

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

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

		Women					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Falls	E880-E888	0	0	0	0	0	30
Other Accidents	E916-E928	0	0	0	0	0	0

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	1	2	0	9
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	26	0	159	8	72	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.

Oak Ridge National Laboratory 2006

OSHA Data

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

		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Technical Support	Service	
Diagnostic Category	ICD-9-CM Code					
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	3	0	0	1	4
-Arthropathies	710-719	3	0	0	1	4
INJURY & POISONING	800-999	5	5	2	2	14
-Fracture - Upper Limb	810-819	1	0	0	0	1
-Fracture - Lower Limb	820-829	0	0	0	1	1
-Dislocation	830-839	0	1	0	0	1
-Sprains & Strains - Other	840-845, 848	1	0	0	1	2
-Open Wound - Head, Neck, Trunk	870-879	2	1	0	0	3
-Open Wound - Upper Limb	880-887	0	0	1	0	1
-Open Wound - Lower Limb	890-897	0	1	0	0	1
-Superficial Injury	910-919	1	1	1	0	3
-Contusion	920-924	0	1	0	0	1

Diagnostic Category	Women				
	Job Category				TOTAL
	Professional	Administrative Support	Technical Support	Service	
Total	8	5	2	3	18

		Men				
		Job Category				TOTAL
		Professional	Technical Support	Service	Crafts	
Diagnostic Category	ICD-9-CM Code					
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0	1	3	5
-Disorders of Peripheral NS	350-359	0	0	0	1	1
-Disorders of Eye	360-379	1	0	1	0	2
-Dis of Ear & Mastoid	380-389	0	0	0	2	2
RESPIRATORY SYSTEM	460-519	2	0	0	1	3
-Other Dis Upper Respiratory Tract	470-478	1	0	0	0	1
-Chronic Obstructive Dis	490-496	1	0	0	0	1
-Lung Dis from External Agents	500-508	0	0	0	1	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	1	0	0	1
-Other Inflammatory Conditions	690-698	0	1	0	0	1

(Continued)

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

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OSHA Data

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

		Men				
		Job Category				TOTAL
		Professional	Technical Support	Service	Crafts	
Diagnostic Category	ICD-9-CM Code					
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	13	2	4	12	31
-Arthropathies	710-719	9	1	2	10	22
-Dorsopathies	720-724	2	1	1	0	4
-Rheumatism, Excluding Back	725-729	2	0	1	2	5
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	3	0	2	3	8
-Symptoms	780-789	3	0	2	3	8
INJURY & POISONING	800-999	11	5	4	19	39
-Fracture - Neck, Trunk	805-809	0	1	0	0	1
-Fracture - Upper Limb	810-819	0	1	0	0	1
-Sprains & Strains - Back	846-847	1	0	0	0	1
-Sprains & Strains - Other	840-845, 848	4	0	1	5	10
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	3	3
-Open Wound - Upper Limb	880-887	1	2	0	4	7
-Open Wound - Lower Limb	890-897	1	0	0	1	2
-Superficial Injury	910-919	0	1	0	3	4
-Contusion	920-924	1	0	1	2	4
-Burns	940-949	0	0	0	1	1
-Complications & Unspecified Injuries	958-959	1	0	1	0	2
-Toxic Effects - Non-medicinal	980-989	2	0	1	0	3

Diagnostic Category	Men				
	Job Category				TOTAL
	Professional	Technical Support	Service	Crafts	
Total	30	8	11	38	87

*Only those diagnostic categories and gender/job category 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 Job Category*

		Women							
		Job Category							
		Professional		Administrative Support		Technical Support		Service	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Arthropathies	710-719	0	0	0	0	0	0	0	30
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	30
-Dislocation	830-839	0	0	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0	0	30
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0

		Men							
		Job Category							
		Professional		Technical Support		Service		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	0
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	0	0
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	0	0
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	26	0	19	0	170	10
-Dorsopathies	720-724	0	0	43	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0
-Symptoms	780-789	0	0	0	0	0	0	0	0
-Fracture - Neck, Trunk	805-809	0	0	43	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	26	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	19	0	169	8

(Continued)

*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.

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OSHA Data

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

		Men							
		Job Category							
		Professional		Technical Support		Service		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	26	0	0	0	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0
-Contusion	920-924	0	9	0	0	0	0	0	0
-Burns	940-949	0	0	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	9	0	0	0	0	0	0
-Toxic Effects - Non-medicinal	980-989	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.

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OSHA Data

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

		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Technical Support	Service	
Type of Accident	E CODES					
Falls	E880-E888	1	2	0	1	4
Other Accidents	E916-E928	3	1	2	0	6

		Men				
		Job Category				TOTAL
		Professional	Technical Support	Service	Crafts	
Type of Accident	E CODES					
Accidental Poisoning - Non-medicinal	E860-E869	1	0	1	0	2
Falls	E880-E888	4	0	0	1	5
Natural/Environmental Factors	E900-E909	1	1	0	0	2
Other Accidents	E916-E928	9	3	5	19	36

*Only those accident types and gender/job category 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 Job Category*

		Women							
		Job Category							
		Professional		Administrative Support		Technical Support		Service	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Falls	E880-E888	0	0	0	0	0	0	0	30
Other Accidents	E916-E928	0	0	0	0	0	0	0	0

		Men							
		Job Category							
		Professional		Technical Support		Service		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	0	0	0
Falls	E880-E888	0	9	0	0	0	0	1	2
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	69	0	19	0	169	8

*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.

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OSHA Data

Appendix W. Age-Adjusted OSHA Illness and Injury Rates 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/Parasites	001-139	0	0	0	0
Cancer	140-208, 230-234	0	0	0	0
Benign Growths	210-229, 235-239	0	0	0	0
Endocrine/Metabolic	240-279	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	0	0	0	0
Nervous System	320-389	5	1.0	0.4	2.5
-Disorders of Peripheral NS	350-359	1	0.1	0.0	1.0
-Disorders of Eye	360-379	2	0.4	0.1	1.6
-Disorders of Ear & Mastoid	380-389	2	0.5	0.1	2.1
Heart/Circulatory	390-459	0	0	0	0
Respiratory	460-519	3	0.4	0.1	1.3
-Chronic Obstructive Diseases	490-496	1	0.1	0.0	1.0
-Lung Disease from External Agents	500-508	1	0.1	0.0	1.0
Digestive	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
Genitourinary	580-629	0	0	0	0
Skin	680-709	1	0.2	0.0	1.7
Musculoskeletal	710-739	31	7.0	4.8	10.1
-Arthropathies	710-719	22	5.1	3.3	8.0
-Dorsopathies	720-724	4	1.0	0.4	2.6
-Rheumatism, Excluding Back	725-729	5	0.9	0.4	2.2
Unspecified Symptoms	780-799	8	1.6	0.8	3.3
Injury	800-999	39	12.7	7.8	20.6
-Fractures - Skull, Neck, Trunk	800-809	1	0.2	0.0	1.7
-Fractures - Upper Limb	810-819	1	0.5	0.1	3.7
-Fractures - Lower Limb	820-829	0	0	0	0
-Dislocations	830-839	0	0	0	0
-Back Sprains & Strains	846-847	1	0.2	0.0	1.7
-Other Sprains & Strains	840-845, 848	10	1.8	0.9	3.4
-Open Wounds - Head, Neck, Trunk	870-879	3	0.7	0.2	2.3
-Open Wounds - Upper Limb	880-887	7	3.5	1.1	11.1
-Open Wounds - Lower Limb	890-897	2	0.8	0.2	3.5
-Superficial Injuries	910-919	4	0.8	0.3	2.1
-Bruises	920-924	4	2.7	0.7	11.4
-Foreign Bodies Entering Orifice	930-939	0	0	0	0
-Burns	940-949	1	0.1	0.0	1.0

*Standardized to age distribution of 2000 U.S. population.

Oak Ridge National Laboratory 2006

OSHA Data

Appendix W. Age-Adjusted OSHA Illness and Injury Rates by Diagnostic Category

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
-Adverse Reactions to Nonmedical Substances or External Causes	980-995	3	0.6	0.2	2.0
-All Other Injuries	850-854, 860-869, 900-909, 925-929, 950-979, 996-999	2	0.6	0.1	2.3
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		87	22.9	16.9	30.9

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/Parasites	001-139	0	0	0	0
Cancer	140-208, 230-234	0	0	0	0
Benign Growths	210-229, 235-239	0	0	0	0
Endocrine/Metabolic	240-279	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	0	0	0	0
Nervous System	320-389	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0
-Disorders of Eye	360-379	0	0	0	0
-Disorders of Ear & Mastoid	380-389	0	0	0	0
Heart/Circulatory	390-459	0	0	0	0
Respiratory	460-519	0	0	0	0
-Chronic Obstructive Diseases	490-496	0	0	0	0
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
Genitourinary	580-629	0	0	0	0
Skin	680-709	0	0	0	0
Musculoskeletal	710-739	4	2.2	0.7	7.1
-Arthropathies	710-719	4	2.2	0.7	7.1
-Dorsopathies	720-724	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0
Unspecified Symptoms	780-799	0	0	0	0
Injury	800-999	14	5.8	3.2	10.5
-Fractures - Skull, Neck, Trunk	800-809	0	0	0	0
-Fractures - Upper Limb	810-819	1	0.3	0.0	2.3
-Fractures - Lower Limb	820-829	1	0.3	0.0	2.3
-Dislocations	830-839	1	0.3	0.0	2.3

*Standardized to age distribution of 2000 U.S. population.

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OSHA Data

Appendix W. Age-Adjusted OSHA Illness and Injury Rates by Diagnostic Category

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
-Back Sprains & Strains	846-847	0	0	0	0
-Other Sprains & Strains	840-845, 848	2	1.5	0.3	7.4
-Open Wounds - Head, Neck, Trunk	870-879	3	1.0	0.3	3.0
-Open Wounds - Upper Limb	880-887	1	0.5	0.1	3.5
-Open Wounds - Lower Limb	890-897	1	0.3	0.0	2.3
-Superficial Injuries	910-919	3	1.1	0.4	3.7
-Bruises	920-924	1	0.3	0.0	2.3
-Foreign Bodies Entering Orifice	930-939	0	0	0	0
-Burns	940-949	0	0	0	0
-Adverse Reactions to Nonmedical Substances or External Causes	980-995	0	0	0	0
-All Other Injuries	850-854, 860-869, 900-909, 925-929, 950-979, 996-999	0	0	0	0
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		18	7.9	4.6	13.6

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/Parasites	001-139	0	0	0	0
Cancer	140-208, 230-234	0	0	0	0
Benign Growths	210-229, 235-239	0	0	0	0
Endocrine/Metabolic	240-279	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	0	0	0	0
Nervous System	320-389	5	0.7	0.3	1.9
-Disorders of Peripheral NS	350-359	1	0.1	0.0	0.7
-Disorders of Eye	360-379	2	0.3	0.1	1.1
-Disorders of Ear & Mastoid	380-389	2	0.4	0.1	1.7
Heart/Circulatory	390-459	0	0	0	0
Respiratory	460-519	3	0.3	0.1	0.9
-Chronic Obstructive Diseases	490-496	1	0.1	0.0	0.7
-Lung Disease from External Agents	500-508	1	0.1	0.0	0.7
Digestive	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
Genitourinary	580-629	0	0	0	0
Skin	680-709	1	0.2	0.0	1.1
Musculoskeletal	710-739	35	5.6	3.9	8.0

*Standardized to age distribution of 2000 U.S. population.

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OSHA Data

Appendix W. Age-Adjusted OSHA Illness and Injury Rates by Diagnostic Category

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
-Arthropathies	710-719	26	4.3	2.8	6.6
-Dorsopathies	720-724	4	0.6	0.2	1.7
-Rheumatism, Excluding Back	725-729	5	0.6	0.3	1.5
Unspecified Symptoms	780-799	8	1.1	0.5	2.4
Injury	800-999	53	10.9	7.1	16.5
-Fractures - Skull, Neck, Trunk	800-809	1	0.2	0.0	1.1
-Fractures - Upper Limb	810-819	2	0.5	0.1	2.2
-Fractures - Lower Limb	820-829	1	0.1	0.0	0.7
-Dislocations	830-839	1	0.1	0.0	0.7
-Back Sprains & Strains	846-847	1	0.2	0.0	1.1
-Other Sprains & Strains	840-845, 848	12	1.7	0.9	3.2
-Open Wounds - Head, Neck, Trunk	870-879	6	0.8	0.3	2.0
-Open Wounds - Upper Limb	880-887	8	2.7	0.9	7.9
-Open Wounds - Lower Limb	890-897	3	0.7	0.2	2.5
-Superficial Injuries	910-919	7	0.9	0.4	1.9
-Bruises	920-924	5	2.1	0.6	8.0
-Foreign Bodies Entering Orifice	930-939	0	0	0	0
-Burns	940-949	1	0.1	0.0	0.7
-Adverse Reactions to Nonmedical Substances or External Causes	980-995	3	0.4	0.1	1.3
-All Other Injuries	850-854, 860-869, 900-909, 925-929, 950-979, 996-999	2	0.4	0.1	1.8
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		105	18.7	14.3	24.6

*Standardized to age distribution of 2000 U.S. population.