

2010

Lawrence Livermore National Laboratory Annual Illness and Injury Surveillance Report



Lawrence Livermore National Laboratory 2010 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/**](http://www.hss.energy.gov/healthsafety/WSHP/epi/surv/)



ACKNOWLEDGEMENT

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This document was produced under contract number DE-AC05-06OR23100 between the
U.S. Department of Energy and Oak Ridge Associated Universities.

Lawrence Livermore National Laboratory
2010 Illness and Injury Surveillance Report
At A Glance

NOTE: In previous years, the number of days absent or lost and the age of the work force were reported as averages. Beginning in 2010, they are being reported as medians. A median is the value in a population that half the values exceed and half fall short of it. The median is less affected than the average when the distribution contains a few very large or very small values and provides a more representative summary measure.

A total of 6,168 LLNL employees were included in illness and injury surveillance in 2010; 1,865 (30 percent) women and 4,303 (70 percent) men. The work force has steadily decreased a total of 32 percent since 2006.

The 217 absences among 195 women resulted in an absence rate of 12 per 100 workers (217/1,865). The 325 absences reported by 295 men resulted in an absence rate of 8 per 100 workers (325/4,303). Absence rates have steadily increased since 2006 among women and men.

The median length of absences in 2010 was 12 days among both men and women, an increase of 1 day for men and a decrease of 1 day for women from 2006.

Disorders of the musculoskeletal (22 percent) and respiratory systems (19 percent) and unspecified symptoms (11 percent) accounted for 52 percent of all reported diagnoses among women. Musculoskeletal disorders (19 percent), respiratory conditions (18 percent), and injuries (16 percent) accounted for 53 percent of all reported diagnoses among men.

Respiratory diagnoses, musculoskeletal conditions, and injuries have typically been among the top 3 diagnostic categories reported by women and men at LLNL since 2006. This pattern is consistent with the overall observation of the top 3 diagnostic categories reported among sites participating in the Illness and Injury Surveillance Program (IISP) between 1999 and 2008.

The highest absence rate among men was observed in Service workers, 12 absences per 100 workers. Among women, Security and Fire workers had the highest absence rate, 18 absences per 100 workers. Male Service workers also had the highest absence rates in 2007 and 2008; the last time female Security and Fire workers had the highest absence rate was in 2007.

Three definite and 7 possible sentinel health events for occupation (SHEO) diagnoses were reported in 2010; 5 diagnoses were carpal tunnel syndrome, all possible SHEOs. These diagnoses were reported by workers in the Professional, Administrative Support, and Technical Support occupational groups.

LLNL reported 31 OSHA-recordable events among women (2 events per 100 workers) and 44 OSHA-recordable events among men (1 event per 100 workers). Since 2006, the overall rates have held steady or declined, a pattern similar to what we have seen across the DOE Complex, where OSHA rates have been declining since 1999.

The OSHA-recordable rate for women was highest among Professional workers; for men, the highest rate was in Technical Support workers. OSHA-recordable rates were highest among women aged 16 to 29 and men aged 50 and above, the exact opposite of what we saw in 2009.

Eighty-two percent of the OSHA health conditions involved musculoskeletal conditions or injuries, a pattern similar across all age groups.

All of the OSHA events reported by women were attributed to an accident, of which 17 were the result of repetitive trauma. Among men, 41 of the 44 OSHA events were attributed to an accident; 13 events were the result of overexertion and strenuous movement and 9 each were due to repetitive trauma and noise.

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The Lawrence Livermore National Laboratory Work Force - 2010

Figure 1. The Work Force by Gender and Age

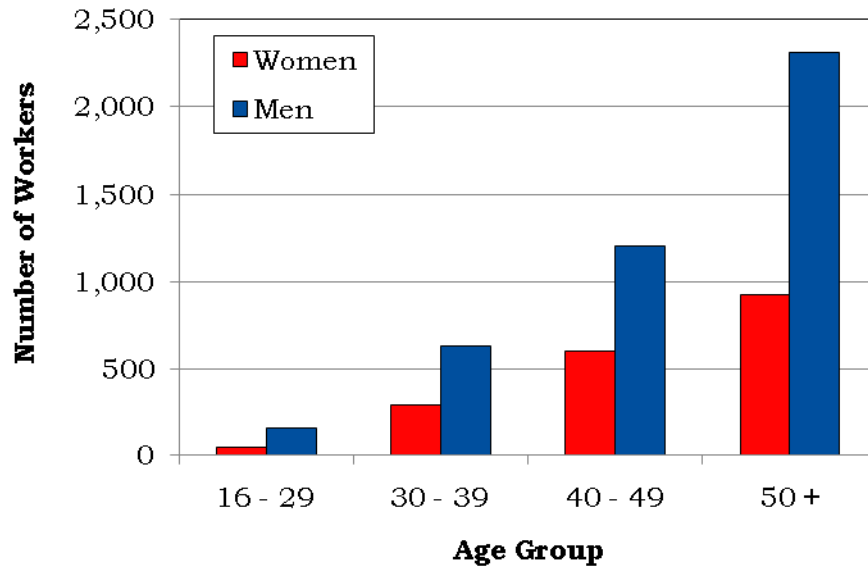


Figure 2. The Work Force by Gender and Job Category

Job Category	Women	Men
Professional	537 29%	2,605 61%
Administrative Support	1,065 57%	593 14%
Technical Support	148 8%	462 11%
Service	92 5%	194 4%
Security and Fire	17 <1%	235 5%
Crafts	6 <1%	214 5%
Line Operators	0 0%	0 0%
Total	1,865 100%	4,303 100%

Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

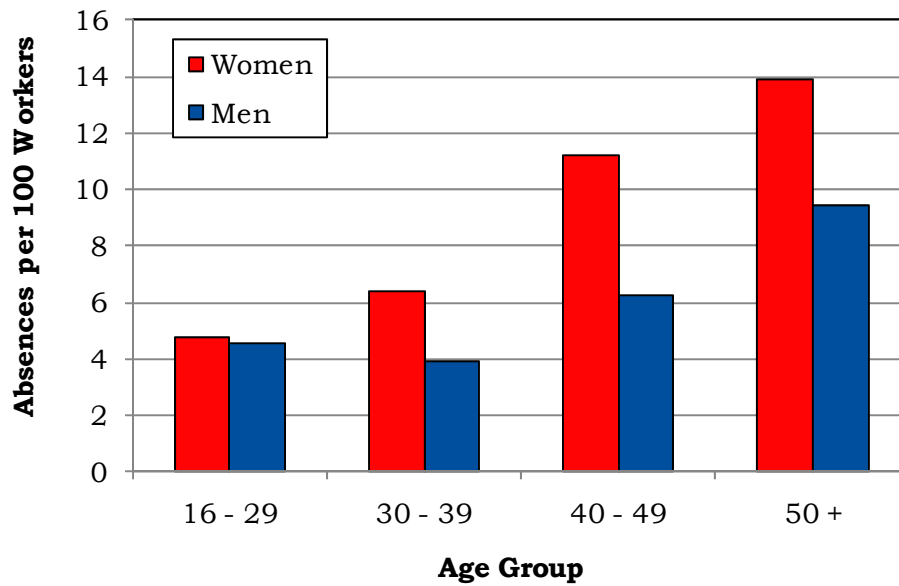


Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Median
Women*	16-29	2	61	31
	30-39	19	369	12
	40-49	68	2,030	12
	50+	128	4,461	12
	Total	217	6,921	12
Men	16-29	7	165	11
	30-39	25	431	10
	40-49	75	1,858	12
	50+	218	7,387	13
	Total	325	9,841	12

*Normal pregnancies were excluded from absences for women.

Figure 5. Absence Rate by Job Category and Gender

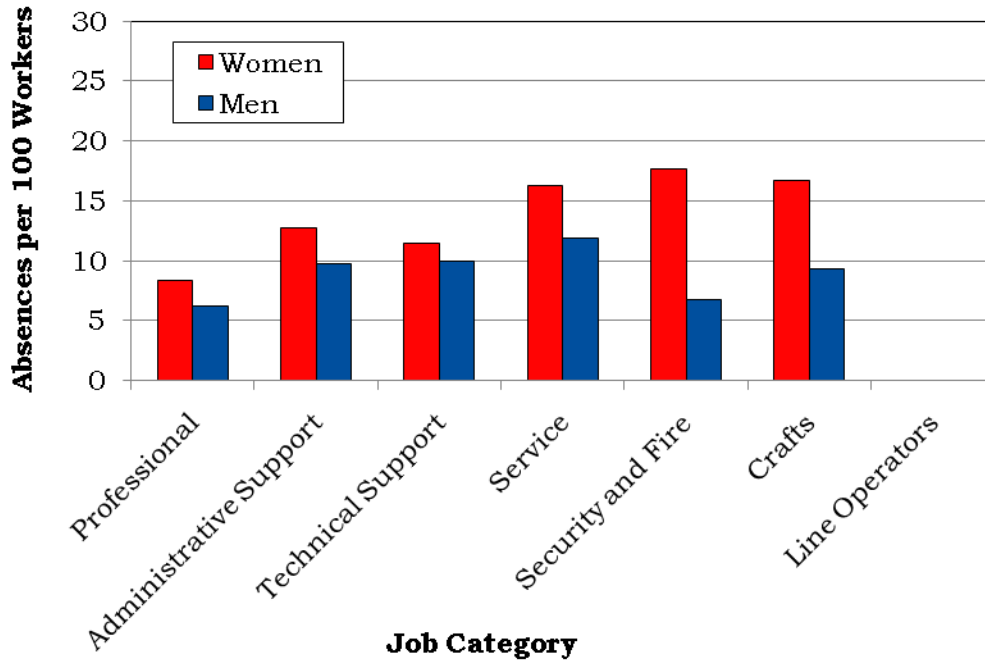
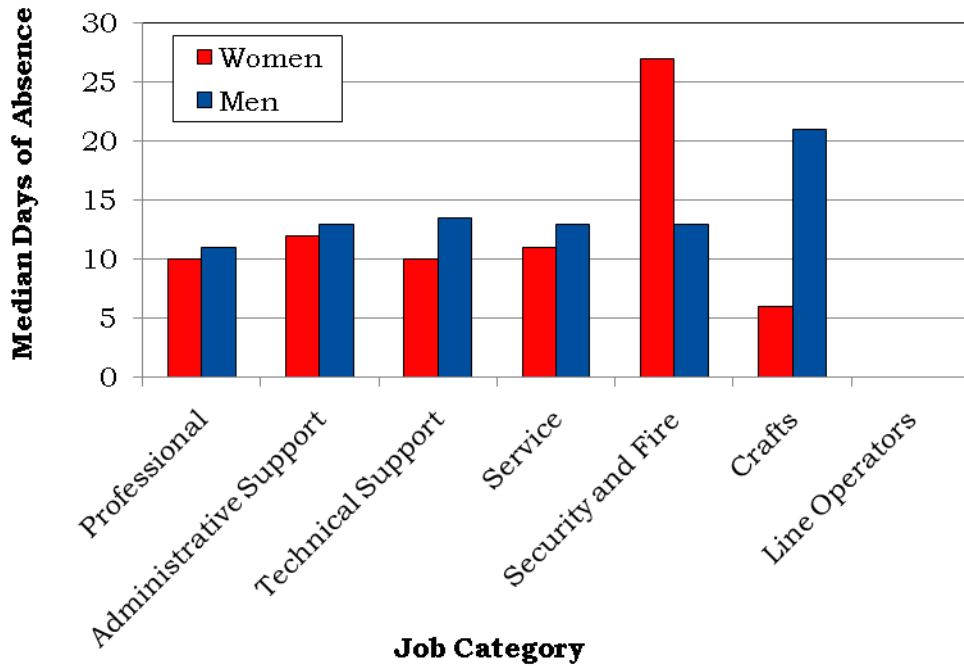


Figure 6. Median Duration of Absence by Job Category and Gender



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	5	179	5	103
Blood	0	0	1	5
Cancer	5	96	22	1,205
Digestive	25	491	41	977
Endocrine /Metabolic	3	77	1	6
Existing Birth Condition	0	0	0	0
Genitourinary	20	719	10	95
Heart/Circulatory	9	245	21	729
Infections/Parasites	8	91	9	96
Injury	25	769	59	1,824
Miscarriage	1	12	NA	NA
Musculoskeletal	52	2,528	69	3,366
Nervous System	10	291	21	364
Psychological	1	24	5	315
Respiratory	45	942	64	860
Skin	2	10	3	42
Unspecified Symptoms	28	1,086	27	423

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 2010

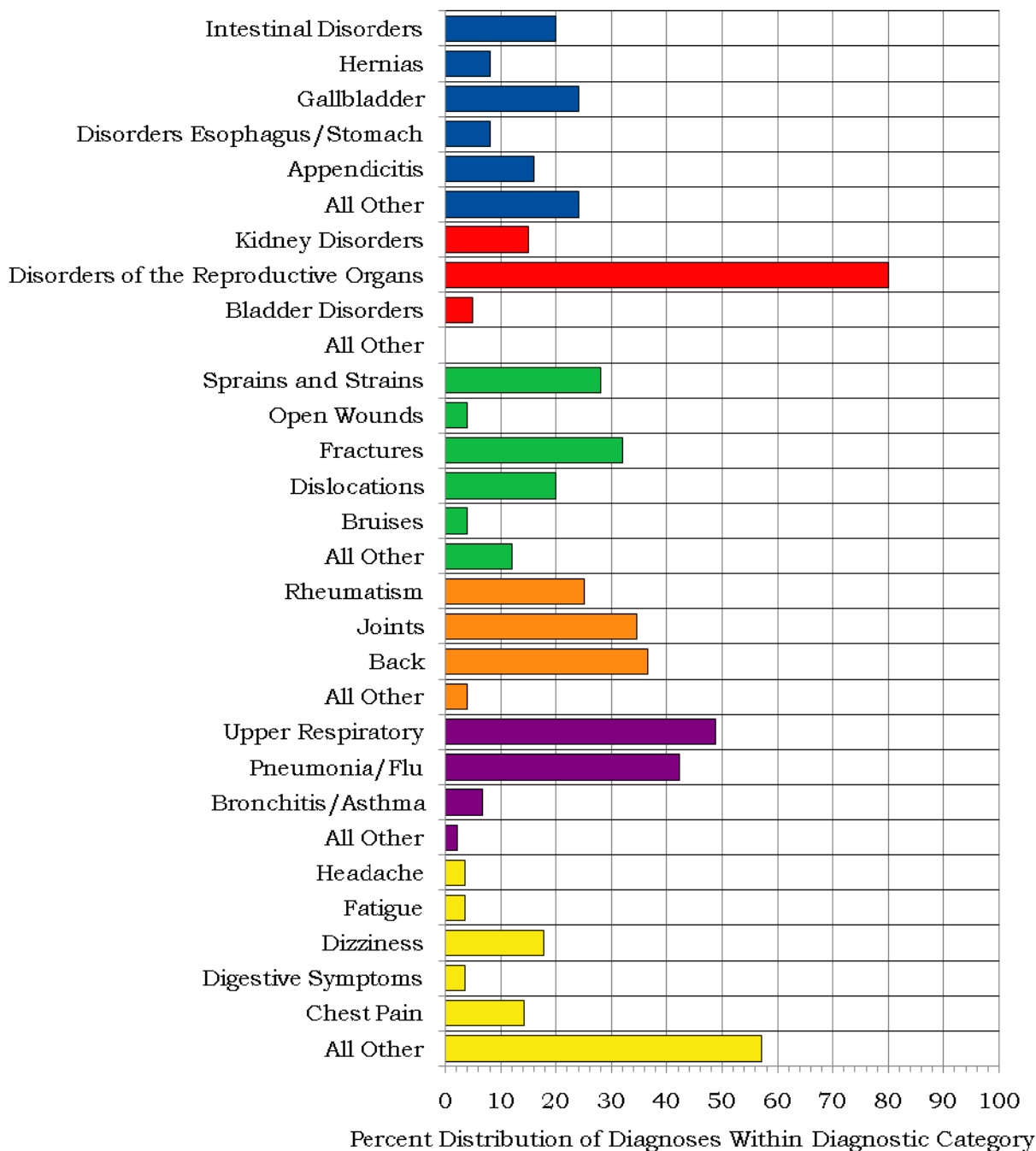
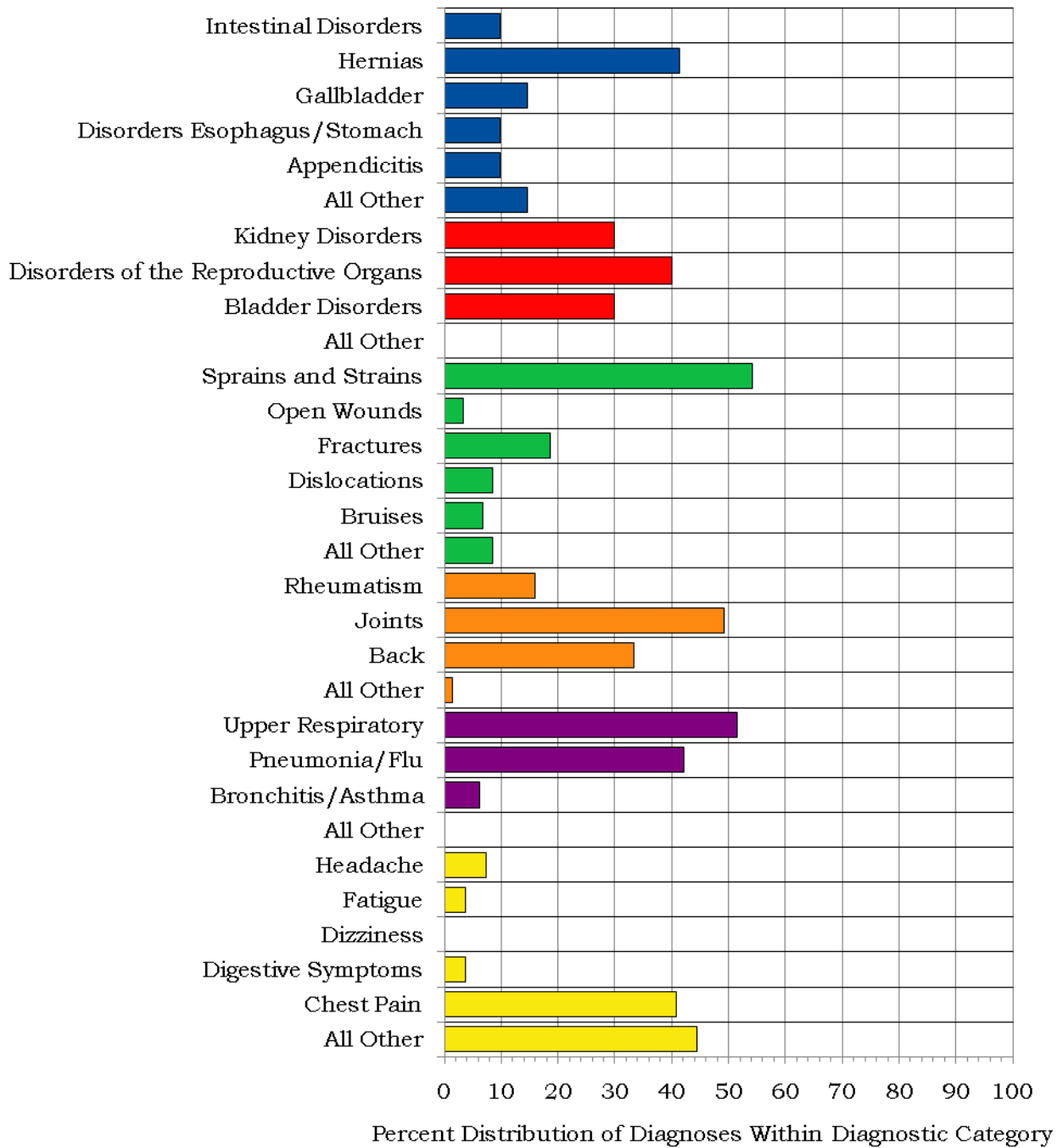


Figure 9. Common Diagnoses Among Male Workers in 2010



■ Digestive, 41 Diagnoses	■ Musculoskeletal, 69 Diagnoses
■ Genitourinary, 10 Diagnoses	■ Respiratory, 64 Diagnoses
■ Injury, 59 Diagnoses	■ Unspecified Symptoms, 27 Diagnoses

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

Job Category	Men		Women	
Professional	Respiratory	34	Musculoskeletal	11
	Musculoskeletal	31	Respiratory	9
	Injury	24	Digestive	5
			Injury	5
			Unspecified Symptoms	5
Administrative Support	Musculoskeletal	16	Musculoskeletal	30
	Respiratory	11	Respiratory	28
	Injury	7	Unspecified Symptoms	19
	Digestive	7		
Technical Support	Injury	14	Respiratory	5
	Respiratory	8	Unspecified Symptoms	3
	Musculoskeletal	7	Musculoskeletal	2
	Unspecified Symptoms	7	Injury	2
		Genitourinary	2	
Service	Injury	5	Musculoskeletal	4
	Digestive	5	Respiratory	3
	Respiratory	4	Injury	2
	Musculoskeletal	4		
Security and Fire	Respiratory	4	Musculoskeletal	3
	Musculoskeletal	4		
	Injury	4		
Crafts	Musculoskeletal	7	Musculoskeletal	2
	Injury	5		
	Respiratory	3		
Line Operators		0		0

Rates of Disease Occurrence

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

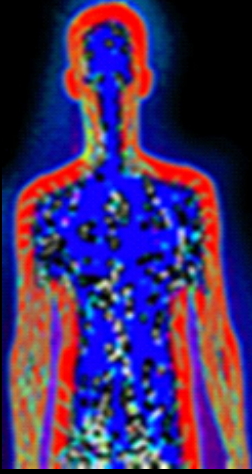
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	44	86
		50+	84	81
	Administrative Support	<50	72	97
		50+	137	192
	Technical Support	<50	96	118
		50+	141	127
	Service	<50	85	125
		50+	170	183
	Security and Fire	<50	61	286
		50+	107	100
	Crafts	<50	75	667
		50+	124	0
	Line Operators	<50	0	0
		50+	0	0

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

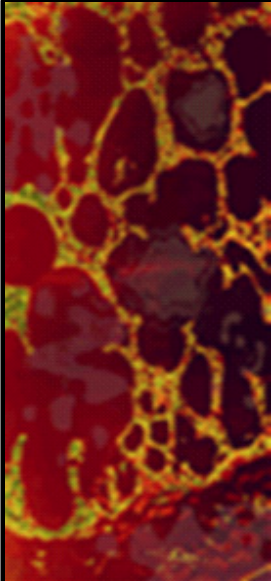
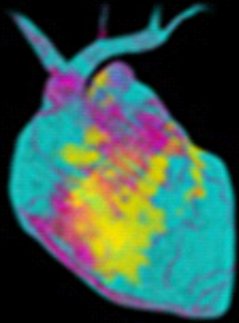
Cancer	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	10	4
	Administrative Support	<50	0	4
		50+	9	2
	Technical Support	<50	0	0
		50+	13	0
	Service	<50	0	0
		50+	9	17
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	8	0
	Line Operators	<50	0	0
		50+	0	0

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	1	0
		50+	6	9
	Administrative Support	<50	0	2
		50+	9	9
	Technical Support	<50	4	0
		50+	21	0
	Service	<50	0	0
		50+	9	17
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	11	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0



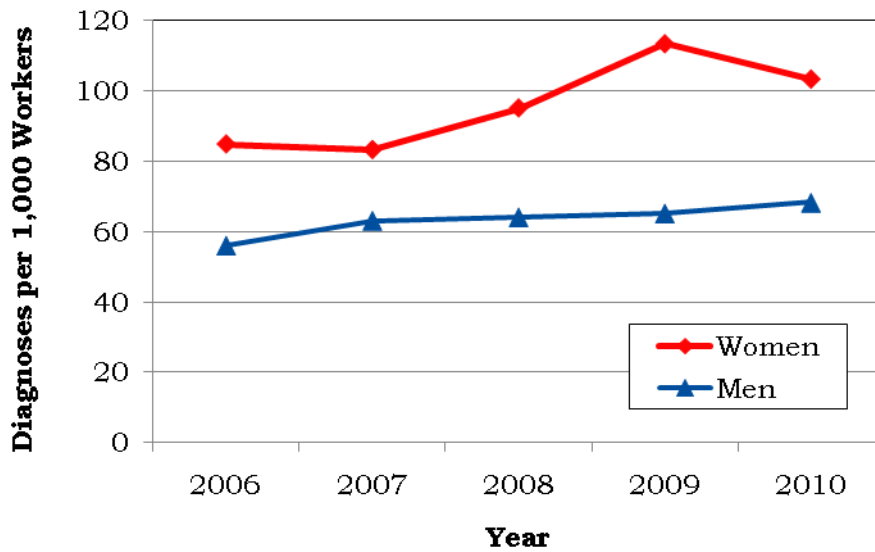
Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	10	13
		50+	15	21
	Administrative Support	<50	20	23
		50+	18	29
	Technical Support	<50	22	35
		50+	13	32
	Service	<50	24	31
		50+	18	33
	Security and Fire	<50	11	0
		50+	36	0
	Crafts	<50	22	0
		50+	8	0
	Line Operators	<50	0	0
		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	6	10
		50+	12	9
	Administrative Support	<50	20	10
		50+	6	20
	Technical Support	<50	31	12
		50+	30	16
	Service	<50	49	31
		50+	9	17
	Security and Fire	<50	17	0
		50+	18	0
	Crafts	<50	11	0
		50+	33	0
	Line Operators	<50	0	0
		50+	0	0

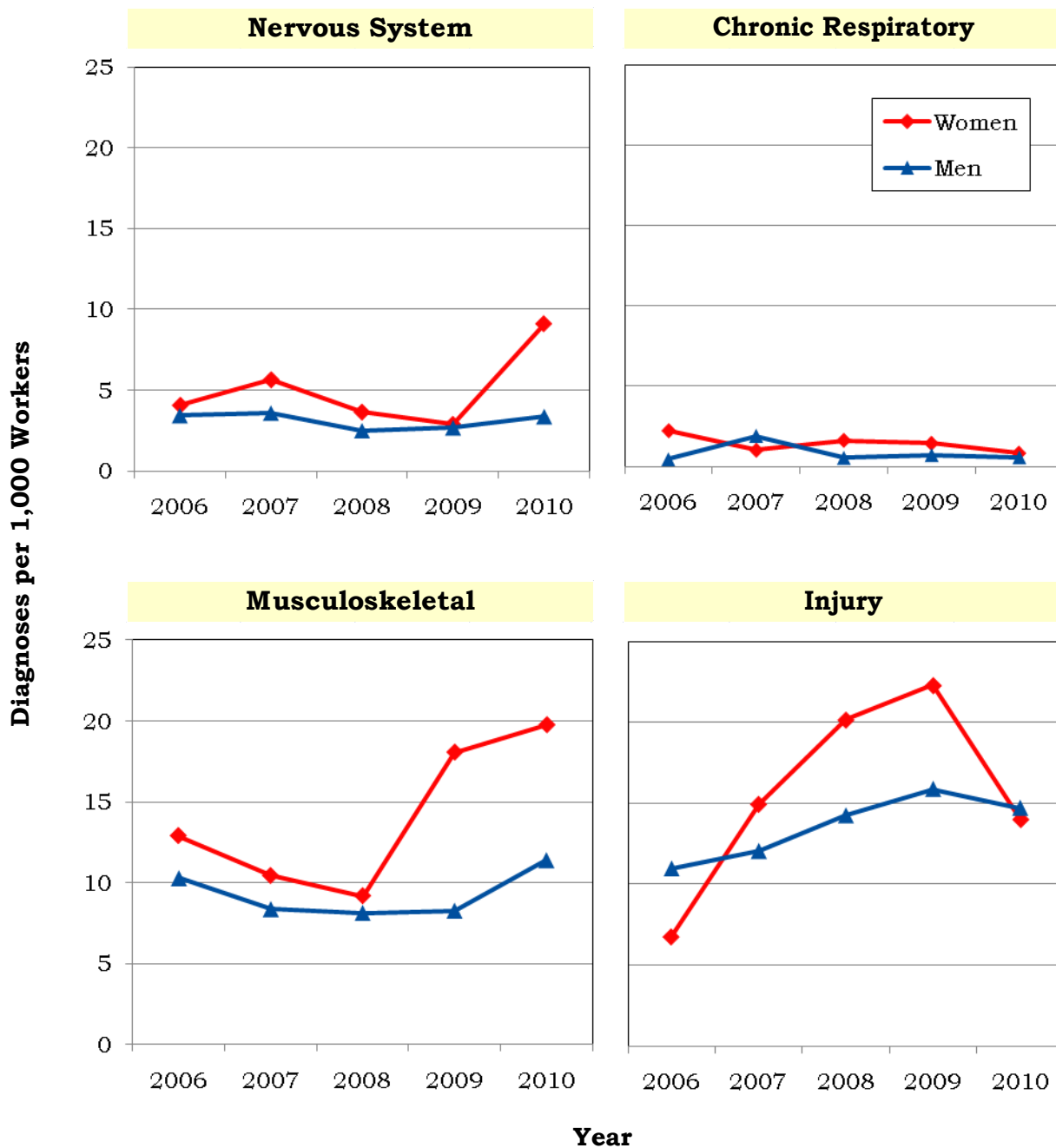
Time Trends

Figure 13. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men from 2006 to 2010*



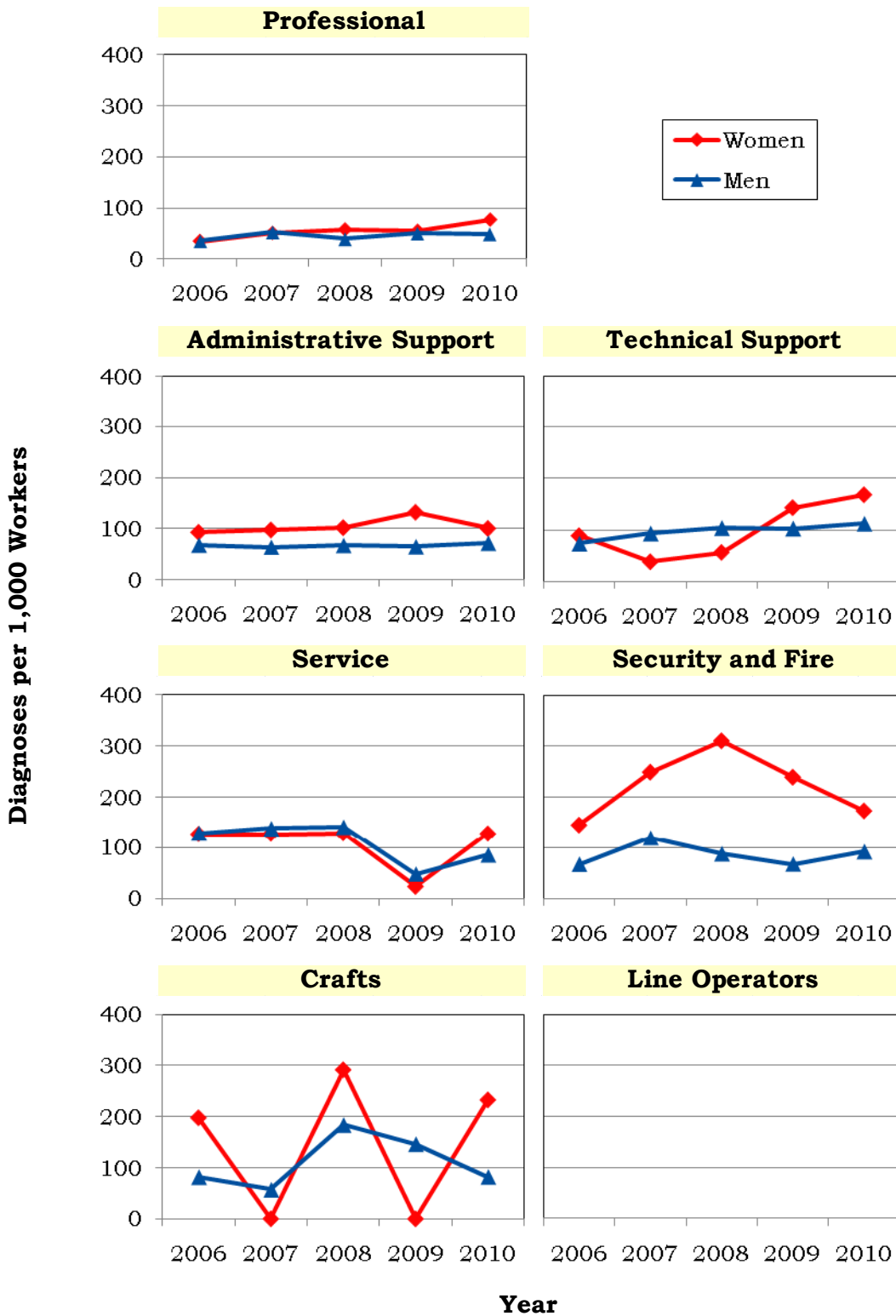
*Standardized to age distribution of 2000 U.S. population.

Figure 14. Age-Adjusted Rates for Selected Diagnostic Categories Among Women and Men from 2006 to 2010*



*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 2006 to 2010*



*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	3	0	54	0
Possible	4	3	320	161
Total	7	3	374	161

Figure 17. SHEO Diagnoses by Gender

Diagnoses	Gender	
	Women	Men
Carpal Tunnel Syndrome	3	2
Other Conditions	0	5

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 18. OSHA-Recordable Events by Gender and Age

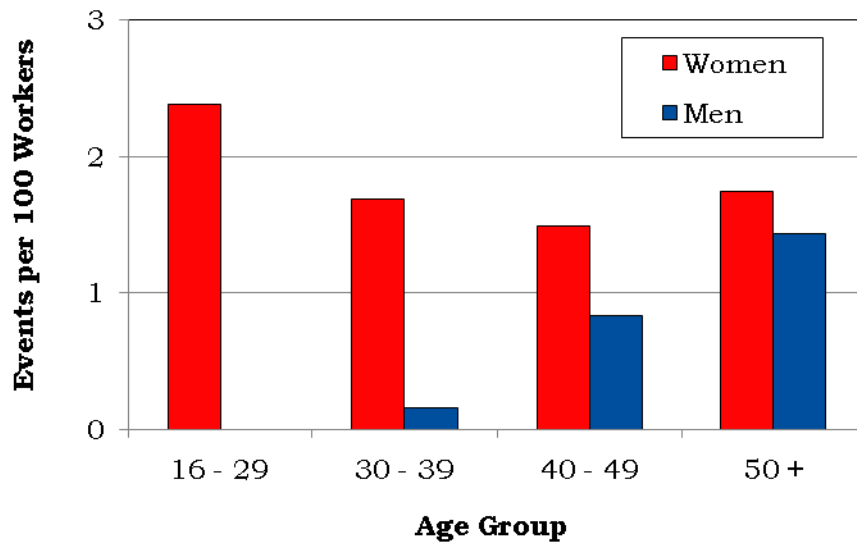
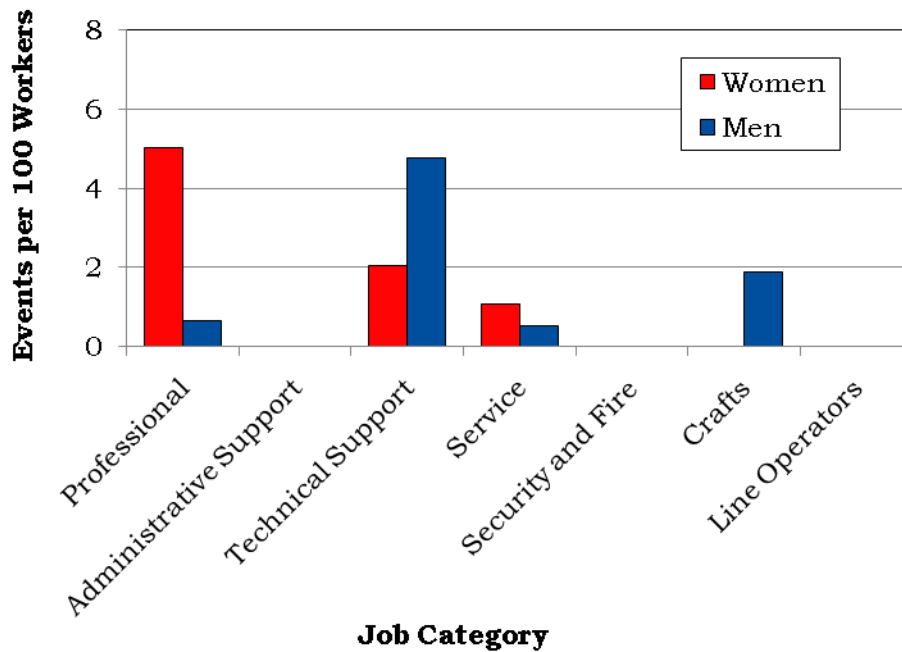


Figure 19. OSHA-Recordable Events by Job Category and Gender



Diagnostic and Accident Categories for OSHA-Recordable Events

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

Diagnostic Category	Gender	
	Women	Men
Musculoskeletal	25	27
Nervous System	3	11
Skin	0	3
Unspecified Symptoms	6	2
Injury	31	30
Fractures - Lower Limb	2	1
Back Sprains & Strains	1	5
Other Sprains & Strains	4	7
Open Wounds - Upper Limb	0	4
Open Wounds - Lower Limb	1	0
Superficial Injuries	1	0
Bruises	3	1
Burns	1	0
Unspecified Injuries	17	10
Poisonings by Drugs	0	1
Adverse Reactions to Non-Medical Substances	1	1

Figure 21. OSHA-Recordable Accidents by Type and Gender

Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Non Motor Vehicle	1	1
Overdose / Wrong Drug	0	1
Poisoning - Non-Medicinal	1	0
Falls	6	3
Natural/Environmental Factors	0	1
Other Accidents	23	35
Struck by an Object	2	0
Caught Between Objects	0	1
Machinery	0	1
Cutting/Piercing Instrument/Object	0	2
Hot, Corrosive, or Caustic Material/Steam	1	0
Overexertion/Strenuous Movements	3	13
Repetitive Trauma	17	9
Noise	0	9
Total	31	41

Rates of OSHA-Recordable Events

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

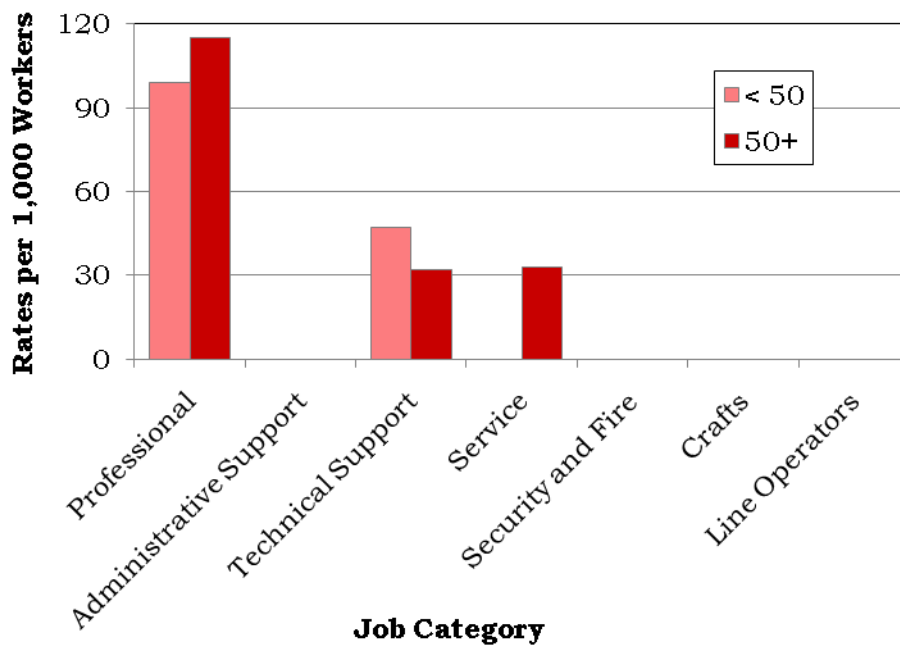
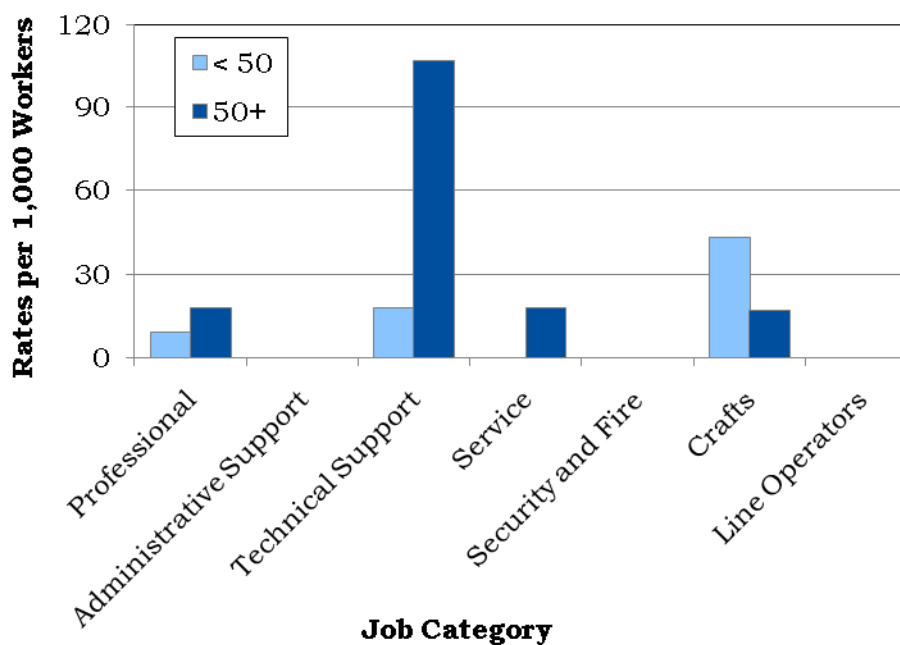
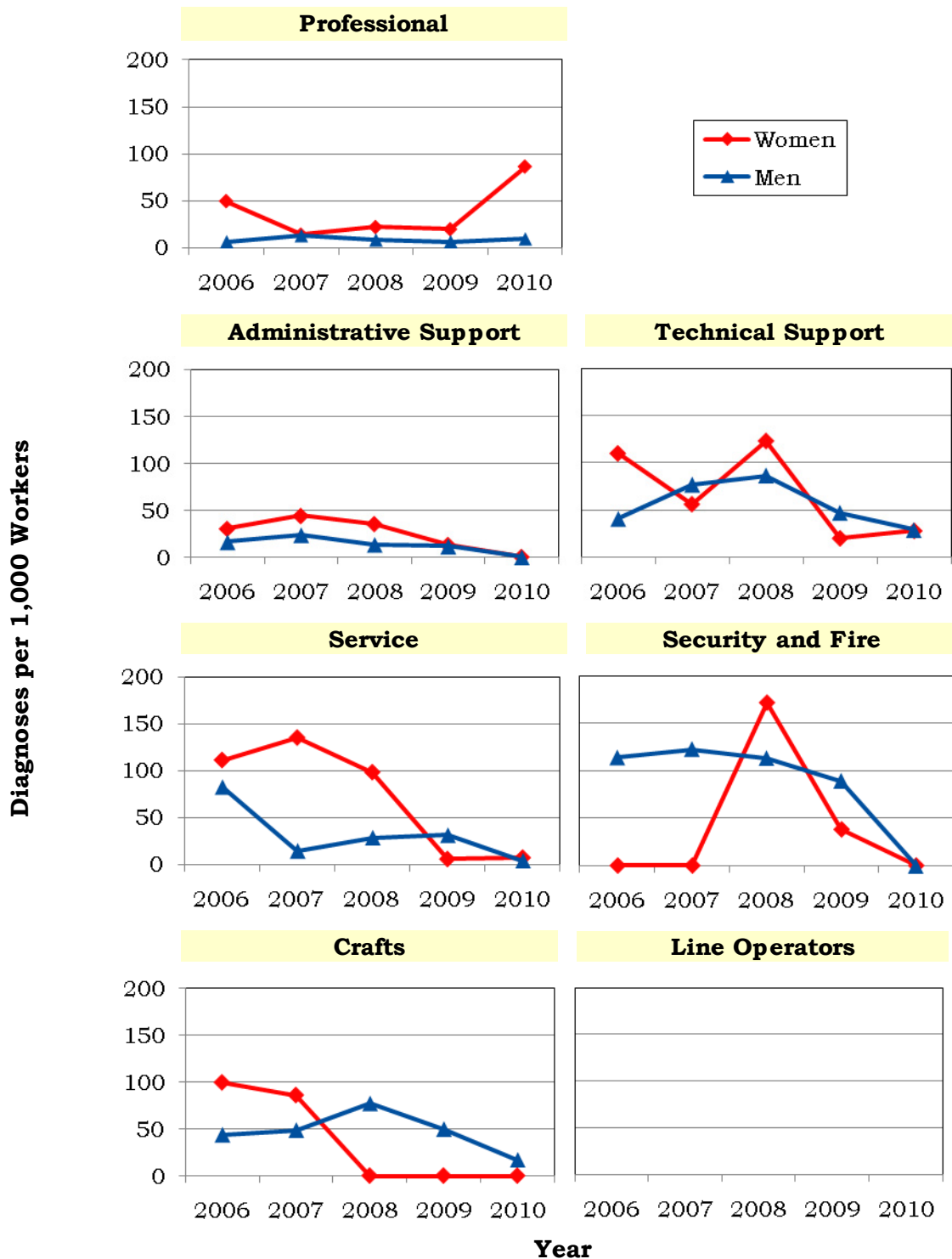


Figure 23. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined



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 2006 to 2010*



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

Appendices

Lawrence Livermore National Laboratory 2010
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	16	108	178	235	537	93	377	689	1,446	2,605	3,142
Administrative Support	19	135	360	551	1,065	12	73	166	342	593	1,658
Technical Support	3	43	39	63	148	13	61	154	234	462	610
Service	2	7	23	60	92	3	21	58	112	194	286
Security and Fire	2	2	3	10	17	25	84	70	56	235	252
Crafts	0	1	2	3	6	7	19	67	121	214	220
TOTAL	42	296	605	922	1,865	153	635	1,204	2,311	4,303	6,168

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 +
2002	13.04	19.68	35.45	31.83	10.25	18.23	32.16	39.35
2003	14.40	16.07	39.17	30.37	11.31	15.34	34.82	38.53
2004	14.34	16.24	37.93	31.48	11.59	14.87	33.85	39.70
2005	12.77	16.87	33.95	36.41	10.41	16.04	28.99	44.56
2006	11.75	16.79	33.08	38.37	9.36	16.03	28.14	46.48
2007	11.70	15.36	36.85	36.09	9.81	14.58	31.34	44.28
2008	6.22	14.95	38.90	39.93	4.89	13.63	32.83	48.65
2009	3.16	15.54	34.51	46.78	3.55	15.15	27.78	53.53
2010	2.25	15.87	32.44	49.44	3.56	14.76	27.98	53.71

Lawrence Livermore National Laboratory 2010

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	1	4	17	17	39	2	11	32	103	148	187
Administrative Support	0	10	34	79	123	0	5	13	38	56	179
Technical Support	1	4	4	6	15	1	2	14	24	41	56
Service	0	1	3	10	14	0	0	5	15	20	34
Security and Fire	0	0	2	1	3	3	4	3	6	16	19
Crafts	0	0	1	0	1	0	2	2	10	14	15
TOTAL	2	19	61	113	195	6	24	69	196	295	490

*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	1	4	21	19	45	2	11	34	115	162	207
Administrative Support	0	10	37	89	136	0	5	13	40	58	194
Technical Support	1	4	4	8	17	2	2	16	26	46	63
Service	0	1	3	11	15	0	0	5	18	23	38
Security and Fire	0	0	2	1	3	3	4	3	6	16	19
Crafts	0	0	1	0	1	0	3	4	13	20	21
TOTAL	2	19	68	128	217	7	25	75	218	325	542

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

Lawrence Livermore National Laboratory 2010

Absence Data

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

Number 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	0	11	38	71	120	6	18	46	118	188	308
15 - 28	1	2	8	17	28	0	5	15	48	68	96
29 - 42	0	3	9	14	26	0	0	6	9	15	41
43 - 56	1	2	6	3	12	0	1	0	8	9	21
57 - 91	0	1	4	11	16	0	0	5	13	18	34
92 - 182	0	0	2	7	9	1	1	2	15	19	28
183 +	0	0	1	5	6	0	0	1	7	8	14
TOTAL	2	19	68	128	217	7	25	75	218	325	542

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

Lawrence Livermore National Laboratory 2010
Absence Data

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

Women

Number of Calendar Days	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
< 15	27	71	11	9	1	1	120
15 - 28	6	17	3	1	1	0	28
29 - 42	4	21	0	1	0	0	26
43 - 56	5	4	1	2	0	0	12
57 - 91	2	12	1	1	0	0	16
92 - 182	1	6	0	1	1	0	9
183 +	0	5	1	0	0	0	6
TOTAL	45	136	17	15	3	1	217

Men

Number of Calendar Days	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
< 15	101	32	25	14	9	7	188
15 - 28	36	13	8	5	2	4	68
29 - 42	7	2	2	1	2	1	15
43 - 56	3	4	1	1	0	0	9
57 - 91	7	1	5	1	0	4	18
92 - 182	7	4	4	0	3	1	19
183 +	1	2	1	1	0	3	8
TOTAL	162	58	46	23	16	20	325

*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	0	0	0	8	8
-Intestinal Infectious Dis	001-009	0	0	0	5	5
-Other Bacterial Dis	030-041	0	0	0	0	0
-Polio & Other Viral CNS Dis	045-049	0	0	0	1	1
-Viral Dis with Exanthem	050-059	0	0	0	1	1
-Other Viral Dis & Chlamydiae	070-079	0	0	0	1	1
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	2	3	5
-Digestive & Peritoneal	150-159	0	0	0	0	0
-Respiratory & Intrathoracic	160-165	0	0	0	0	0
-Breast	174-175	0	0	2	3	5
-Genitourinary	179-189	0	0	0	0	0
-Endocrine	193-194, 209.0-209.3	0	0	0	0	0
-Other & Unspecified Sites	195-199, 209.7	0	0	0	0	0
-Lymphatic & Hematopoietic	200-208	0	0	0	0	0
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	1	2	2	5
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	3	3
-Other Endocrine Gland Dis	249-259	0	0	0	1	1
-Other Metabolic & Immunity Disorders	270-279	0	0	0	2	2
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	0
MENTAL DISORDERS	290-319	0	0	1	0	1
-Non-Psychotic Disorders	300-302, 306-316	0	0	1	0	1
-Alcohol Dependence	303	0	0	0	0	0
-Drug Dependence	304-305	0	0	0	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	1	1	7	10
-Hereditary/Degenerative Central NS Dis	330-337	0	0	0	0	0
-Other Disorders of Central NS	340-349	1	1	1	0	3
-Disorders of Peripheral NS	350-359	0	0	0	5	5
-Disorders of Eye	360-379	0	0	0	2	2
-Diseases of Ear & Mastoid	380-389	0	0	0	0	0
CIRCULATORY SYSTEM	390-459	0	0	1	8	9
-Hypertensive Dis	401-405	0	0	0	1	1
-Ischemic Heart Dis	410-414	0	0	0	0	0
-Dis of Pulmonary Circulation	415-417	0	0	0	1	1
-Other Heart Dis	420-429	0	0	0	3	3

(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*

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	0	2	6	9	17
-Intestinal Infectious Dis	001-009	0	0	0	1	1	6
-Other Bacterial Dis	030-041	1	0	1	1	3	3
-Polio & Other Viral CNS Dis	045-049	0	0	1	0	1	2
-Viral Dis with Exanthem	050-059	0	0	0	1	1	2
-Other Viral Dis & Chlamydiae	070-079	0	0	0	3	3	4
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	0	22	22	27
-Digestive & Peritoneal	150-159	0	0	0	7	7	7
-Respiratory & Intrathoracic	160-165	0	0	0	1	1	1
-Breast	174-175	0	0	0	0	0	5
-Genitourinary	179-189	0	0	0	6	6	6
-Endocrine	193-194, 209.0-209.3	0	0	0	2	2	2
-Other & Unspecified Sites	195-199, 209.7	0	0	0	3	3	3
-Lymphatic & Hematopoietic	200-208	0	0	0	3	3	3
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	0	5	5	10
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	1	0	1	4
-Other Endocrine Gland Dis	249-259	0	0	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	0	0	1	0	1	3
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	1	1	1
MENTAL DISORDERS	290-319	0	3	1	1	5	6
-Non-Psychotic Disorders	300-302, 306-316	0	2	0	1	3	4
-Alcohol Dependence	303	0	1	0	0	1	1
-Drug Dependence	304-305	0	0	1	0	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	7	13	21	31
-Hereditary/Degenerative Central NS Dis	330-337	0	0	0	1	1	1
-Other Disorders of Central NS	340-349	0	0	0	0	0	3
-Disorders of Peripheral NS	350-359	0	0	1	4	5	10
-Disorders of Eye	360-379	0	0	3	8	11	13
-Diseases of Ear & Mastoid	380-389	0	1	3	0	4	4
CIRCULATORY SYSTEM	390-459	0	1	2	18	21	30
-Hypertensive Dis	401-405	0	0	0	0	0	1
-Ischemic Heart Dis	410-414	0	0	0	6	6	6
-Dis of Pulmonary Circulation	415-417	0	0	0	0	0	1
-Other Heart Dis	420-429	0	0	0	5	5	8

(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				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
-Cerebrovascular Dis	430-438	0	0	0	1	1
-Dis of Arteries & Capillaries	440-449	0	0	0	0	0
-Dis of Veins, Lymphatics, Other	451-459	0	0	1	2	3
RESPIRATORY SYSTEM	460-519	0	5	15	25	45
-Acute Respiratory Infections	460-466	0	2	8	6	16
-Other Dis Upper Respiratory Tract	470-478	0	1	1	4	6
-Pneumonia & Influenza	480-488	0	2	5	12	19
-Chronic Obstructive Dis	490-496	0	0	1	2	3
-Other Respiratory Dis	510-519	0	0	0	1	1
DIGESTIVE SYSTEM	520-579	0	3	6	16	25
-Oral Cavity, Saliva Glands, Jaw	520-529	0	1	0	2	3
-Esophagus, Stomach, Duodenum	530-538	0	0	0	2	2
-Appendicitis	540-543	0	0	3	1	4
-Hernias	550-553	0	0	0	2	2
-Enteritis, Colitis	555-558	0	0	0	1	1
-Other Intestinal Dis	560-569	0	0	2	3	5
-Other Digestive Dis	570-579	0	2	1	5	8
GENITOURINARY SYSTEM	580-629	0	3	11	6	20
-Other Urinary Dis	590-599	0	0	1	3	4
-Male Genital Organ Dis	600-608	0	0	0	0	0
-Breast Disorders	610-612	0	0	1	0	1
-Other Female Disorders	617-629	0	3	9	3	15
PREGNANCY & CHILDBIRTH	630-679	0	1	0	0	1
-Pregnancy with Abortive Outcome	634-639	0	1	0	0	1
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0	2	2
-Infections	680-686	0	0	0	1	1
-Other	700-709	0	0	0	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	1	20	31	52
-Arthropathies	710-719	0	0	6	12	18
-Dorsopathies	720-724	0	1	6	12	19
-Rheumatism, Excluding Back	725-729	0	0	7	6	13
-Other Dis & Acquired Deformities	730-739	0	0	1	1	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	2	7	19	28
-Symptoms	780-789	0	2	7	19	28
INJURY & POISONING	800-999	1	2	7	15	25

(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*

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
-Cerebrovascular Dis	430-438	0	0	1	3	4	5	
-Dis of Arteries & Capillaries	440-449	0	0	1	2	3	3	
-Dis of Veins, Lymphatics, Other	451-459	0	1	0	2	3	6	
RESPIRATORY SYSTEM	460-519	3	5	20	36	64	109	
-Acute Respiratory Infections	460-466	0	3	7	15	25	41	
-Other Dis Upper Respiratory Tract	470-478	0	1	2	5	8	14	
-Pneumonia & Influenza	480-488	3	1	9	14	27	46	
-Chronic Obstructive Dis	490-496	0	0	2	2	4	7	
-Other Respiratory Dis	510-519	0	0	0	0	0	1	
DIGESTIVE SYSTEM	520-579	0	4	7	30	41	66	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	1	1	1	3	6	
-Esophagus, Stomach, Duodenum	530-538	0	0	1	3	4	6	
-Appendicitis	540-543	0	0	0	4	4	8	
-Hernias	550-553	0	2	1	14	17	19	
-Enteritis, Colitis	555-558	0	0	0	0	0	1	
-Other Intestinal Dis	560-569	0	1	0	3	4	9	
-Other Digestive Dis	570-579	0	0	4	5	9	17	
GENITOURINARY SYSTEM	580-629	0	0	2	8	10	30	
-Other Urinary Dis	590-599	0	0	2	4	6	10	
-Male Genital Organ Dis	600-608	0	0	0	4	4	4	
-Breast Disorders	610-612	0	0	0	0	0	1	
-Other Female Disorders	617-629	0	0	0	0	0	15	
PREGNANCY & CHILDBIRTH	630-679	0	0	0	0	0	1	
-Pregnancy with Abortive Outcome	634-639	0	0	0	0	0	1	
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	1	2	3	5	
-Infections	680-686	0	0	1	0	1	2	
-Other	700-709	0	0	0	2	2	3	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	3	14	51	69	121	
-Arthropathies	710-719	1	1	6	26	34	52	
-Dorsopathies	720-724	0	1	7	15	23	42	
-Rheumatism, Excluding Back	725-729	0	1	1	9	11	24	
-Other Dis & Acquired Deformities	730-739	0	0	0	1	1	3	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	2	8	17	27	55	
-Symptoms	780-789	0	2	8	17	27	55	
INJURY & POISONING	800-999	3	6	18	32	59	84	

(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				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
-Fracture - Upper Limb	810-819	0	0	1	2	3
-Fracture - Lower Limb	820-829	0	1	0	4	5
-Dislocation	830-839	0	0	2	3	5
-Sprains & Strains - Back	846-847	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	3	4	7
-Intracranial Injury	850-854	0	0	1	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0
-Open Wound - Lower Limb	890-897	0	0	0	1	1
-Superficial Injury	910-919	0	0	0	0	0
-Contusion	920-924	0	0	0	1	1
-Complications & Unspecified Injuries	958-959	1	1	0	0	2
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	0	0	2	3	5
-Personal & Family History	V10-V19	0	0	0	0	0
-Health Services Reproduction/Development	V20-V29	0	0	1	0	1
-Specific Procedures/Aftercare	V50-V59	0	0	1	3	4
-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
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
-Fracture - Upper Limb	810-819	0	1	2	2	5	8
-Fracture - Lower Limb	820-829	0	0	2	4	6	11
-Dislocation	830-839	0	1	2	2	5	10
-Sprains & Strains - Back	846-847	0	0	2	3	5	5
-Sprains & Strains - Other	840-845, 848	3	4	9	11	27	34
-Intracranial Injury	850-854	0	0	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1	1	1
-Open Wound - Lower Limb	890-897	0	0	0	1	1	2
-Superficial Injury	910-919	0	0	0	2	2	2
-Contusion	920-924	0	0	0	4	4	5
-Complications & Unspecified Injuries	958-959	0	0	1	2	3	5
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	0	0	4	2	6	11
-Personal & Family History	V10-V19	0	0	1	0	1	1
-Health Services Reproduction/Development	V20-V29	0	0	1	1	2	3
-Specific Procedures/Aftercare	V50-V59	0	0	0	0	0	4
-Examination & Investigation	V70-V82	0	0	2	1	3	3

	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category											
Total	2	19	75	148	244	8	25	87	244	364	608

*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	0	0	0	91	91
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	10	86	96
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	9	56	114	179
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	77	77
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	0
MENTAL DISORDERS	290-319	0	0	24	0	24
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	43	9	45	194	291
CIRCULATORY SYSTEM	390-459	0	0	23	222	245
RESPIRATORY SYSTEM	460-519	0	29	556	357	942
DIGESTIVE SYSTEM	520-579	0	50	78	363	491
GENTOURINARY SYSTEM	580-629	0	95	393	231	719
PREGNANCY & CHILDBIRTH	630-679	0	12	0	0	12
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0	10	10
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	59	593	1,876	2,528
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	61	527	498	1,086
INJURY & POISONING	800-999	18	45	220	486	769

*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
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	11	0	25	60	96	187
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	0	1,205	1,205	1,301
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	0	103	103	282
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	6	0	6	83
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	5	5	5
MENTAL DISORDERS	290-319	0	49	104	162	315	339
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	6	182	176	364	655
CIRCULATORY SYSTEM	390-459	0	7	126	596	729	974
RESPIRATORY SYSTEM	460-519	26	55	209	570	860	1,802
DIGESTIVE SYSTEM	520-579	0	33	76	868	977	1,468
GENTOURINARY SYSTEM	580-629	0	0	15	80	95	814
PREGNANCY & CHILDBIRTH	630-679	0	0	0	0	0	12
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	17	25	42	52
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	105	204	302	2,755	3,366	5,894
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	12	82	329	423	1,509
INJURY & POISONING	800-999	128	65	736	895	1,824	2,593

*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		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	6	1
-Intestinal Infectious Dis	001-009	1	3	1
-Polio & Other Viral CNS Dis	045-049	0	1	0
-Viral Dis with Exanthem	050-059	0	1	0
-Other Viral Dis & Chlamydiae	070-079	0	1	0
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	1	3	0
-Breast	174-175	1	3	0
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	1	3	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	3	0
-Other Endocrine Gland Dis	249-259	0	1	0
-Other Metabolic & Immunity Disorders	270-279	0	2	0
MENTAL DISORDERS	290-319	0	1	0
-Non-Psychotic Disorders	300-302, 306-316	0	1	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	4	4	1
-Other Disorders of Central NS	340-349	1	2	0
-Disorders of Peripheral NS	350-359	2	1	1
-Disorders of Eye	360-379	1	1	0
CIRCULATORY SYSTEM	390-459	2	6	0
-Hypertensive Dis	401-405	0	1	0
-Dis of Pulmonary Circulation	415-417	0	0	0
-Other Heart Dis	420-429	0	3	0
-Cerebrovascular Dis	430-438	1	0	0
-Dis of Veins, Lymphatics, Other	451-459	1	2	0
RESPIRATORY SYSTEM	460-519	9	28	5
-Acute Respiratory Infections	460-466	2	13	1
-Other Dis Upper Respiratory Tract	470-478	1	4	0
-Pneumonia & Influenza	480-488	5	8	4
-Chronic Obstructive Dis	490-496	1	2	0
-Other Respiratory Dis	510-519	0	1	0
DIGESTIVE SYSTEM	520-579	5	18	1
-Oral Cavity, Saliva Glands, Jaw	520-529	1	2	0
-Esophagus, Stomach, Duodenum	530-538	0	2	0
-Appendicitis	540-543	2	2	0
-Hernias	550-553	0	2	0

(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*

		Women			
		Job Category			TOTAL
		Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	8
-Intestinal Infectious Dis	001-009	0	0	0	5
-Polio & Other Viral CNS Dis	045-049	0	0	0	1
-Viral Dis with Exanthem	050-059	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	0	0	0	1
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	1	0	0	5
-Breast	174-175	1	0	0	5
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	0	5
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	3
-Other Endocrine Gland Dis	249-259	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	0	0	0	2
MENTAL DISORDERS	290-319	0	0	0	1
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0	0	10
-Other Disorders of Central NS	340-349	0	0	0	3
-Disorders of Peripheral NS	350-359	1	0	0	5
-Disorders of Eye	360-379	0	0	0	2
CIRCULATORY SYSTEM	390-459	1	0	0	9
-Hypertensive Dis	401-405	0	0	0	1
-Dis of Pulmonary Circulation	415-417	1	0	0	1
-Other Heart Dis	420-429	0	0	0	3
-Cerebrovascular Dis	430-438	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	3
RESPIRATORY SYSTEM	460-519	3	0	0	45
-Acute Respiratory Infections	460-466	0	0	0	16
-Other Dis Upper Respiratory Tract	470-478	1	0	0	6
-Pneumonia & Influenza	480-488	2	0	0	19
-Chronic Obstructive Dis	490-496	0	0	0	3
-Other Respiratory Dis	510-519	0	0	0	1
DIGESTIVE SYSTEM	520-579	1	0	0	25
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	3
-Esophagus, Stomach, Duodenum	530-538	0	0	0	2
-Appendicitis	540-543	0	0	0	4
-Hernias	550-553	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*

		Women		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
-Enteritis, Colitis	555-558	0	1	0
-Other Intestinal Dis	560-569	0	4	1
-Other Digestive Dis	570-579	2	5	0
GENITOURINARY SYSTEM	580-629	1	16	2
-Other Urinary Dis	590-599	0	3	1
-Breast Disorders	610-612	0	1	0
-Other Female Disorders	617-629	1	12	1
PREGNANCY & CHILDBIRTH	630-679	0	1	0
-Pregnancy with Abortive Outcome	634-639	0	1	0
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	2	0
-Infections	680-686	0	1	0
-Other	700-709	0	1	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	11	30	2
-Arthropathies	710-719	4	13	0
-Dorsopathies	720-724	2	13	1
-Rheumatism, Excluding Back	725-729	4	4	1
-Other Dis & Acquired Deformities	730-739	1	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	5	19	3
-Symptoms	780-789	5	19	3
INJURY & POISONING	800-999	5	16	2
-Fracture - Upper Limb	810-819	0	3	0
-Fracture - Lower Limb	820-829	2	3	0
-Dislocation	830-839	1	4	0
-Sprains & Strains - Other	840-845, 848	2	5	0
-Intracranial Injury	850-854	0	1	0
-Open Wound - Lower Limb	890-897	0	0	0
-Contusion	920-924	0	0	1
-Complications & Unspecified Injuries	958-959	0	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	0	3	2
-Health Services Reproduction/Development	V20-V29	0	1	0
-Specific Procedures/Aftercare	V50-V59	0	2	2

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

Lawrence Livermore National Laboratory 2010

Absence Data

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

		Women			
		Job Category			TOTAL
		Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code				
-Enteritis, Colitis	555-558	0	0	0	1
-Other Intestinal Dis	560-569	0	0	0	5
-Other Digestive Dis	570-579	1	0	0	8
GENITOURINARY SYSTEM	580-629	1	0	0	20
-Other Urinary Dis	590-599	0	0	0	4
-Breast Disorders	610-612	0	0	0	1
-Other Female Disorders	617-629	1	0	0	15
PREGNANCY & CHILDBIRTH	630-679	0	0	0	1
-Pregnancy with Abortive Outcome	634-639	0	0	0	1
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0	2
-Infections	680-686	0	0	0	1
-Other	700-709	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	4	3	2	52
-Arthropathies	710-719	0	1	0	18
-Dorsopathies	720-724	1	1	1	19
-Rheumatism, Excluding Back	725-729	2	1	1	13
-Other Dis & Acquired Deformities	730-739	1	0	0	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	0	0	28
-Symptoms	780-789	1	0	0	28
INJURY & POISONING	800-999	2	0	0	25
-Fracture - Upper Limb	810-819	0	0	0	3
-Fracture - Lower Limb	820-829	0	0	0	5
-Dislocation	830-839	0	0	0	5
-Sprains & Strains - Other	840-845, 848	0	0	0	7
-Intracranial Injury	850-854	0	0	0	1
-Open Wound - Lower Limb	890-897	1	0	0	1
-Contusion	920-924	0	0	0	1
-Complications & Unspecified Injuries	958-959	1	0	0	2
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	0	0	0	5
-Health Services Reproduction/Development	V20-V29	0	0	0	1
-Specific Procedures/Aftercare	V50-V59	0	0	0	4

*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*

	Women						
	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category							
Total	45	159	20	15	3	2	244

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

Lawrence Livermore National Laboratory 2010

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	5	2	0
-Intestinal Infectious Dis	001-009	0	0	0
-Other Bacterial Dis	030-041	2	0	0
-Polio & Other Viral CNS Dis	045-049	1	0	0
-Viral Dis with Exanthem	050-059	0	1	0
-Other Viral Dis & Chlamydiae	070-079	2	1	0
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	14	3	3
-Digestive & Peritoneal	150-159	4	1	2
-Respiratory & Intrathoracic	160-165	0	0	1
-Genitourinary	179-189	5	0	0
-Endocrine	193-194, 209.0-209.3	2	0	0
-Other & Unspecified Sites	195-199, 209.7	1	1	0
-Lymphatic & Hematopoietic	200-208	2	1	0
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	3	1	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	1
-Other Metabolic & Immunity Disorders	270-279	0	0	1
BLOOD & BLOOD-FORMING ORGANS	280-289	0	1	0
MENTAL DISORDERS	290-319	1	3	0
-Non-Psychotic Disorders	300-302, 306-316	0	2	0
-Alcohol Dependence	303	0	1	0
-Drug Dependence	304-305	1	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	10	4	3
-Hereditary/Degenerative Central NS Dis	330-337	1	0	0
-Disorders of Peripheral NS	350-359	2	0	2
-Disorders of Eye	360-379	5	3	1
-Diseases of Ear & Mastoid	380-389	2	1	0
CIRCULATORY SYSTEM	390-459	10	3	6
-Ischemic Heart Dis	410-414	3	2	1
-Other Heart Dis	420-429	4	0	1
-Cerebrovascular Dis	430-438	2	0	2
-Dis of Arteries & Capillaries	440-449	0	1	1
-Dis of Veins, Lymphatics, Other	451-459	1	0	1
RESPIRATORY SYSTEM	460-519	34	11	8

(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			TOTAL
		Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	1	0	9
-Intestinal Infectious Dis	001-009	1	0	0	1
-Other Bacterial Dis	030-041	0	1	0	3
-Polio & Other Viral CNS Dis	045-049	0	0	0	1
-Viral Dis with Exanthem	050-059	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	0	0	0	3
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	1	0	1	22
-Digestive & Peritoneal	150-159	0	0	0	7
-Respiratory & Intrathoracic	160-165	0	0	0	1
-Genitourinary	179-189	0	0	1	6
-Endocrine	193-194, 209.0-209.3	0	0	0	2
-Other & Unspecified Sites	195-199, 209.7	1	0	0	3
-Lymphatic & Hematopoietic	200-208	0	0	0	3
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	1	0	0	5
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	0	0	0	1
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	1
MENTAL DISORDERS	290-319	0	1	0	5
-Non-Psychotic Disorders	300-302, 306-316	0	1	0	3
-Alcohol Dependence	303	0	0	0	1
-Drug Dependence	304-305	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	2	2	0	21
-Hereditary/Degenerative Central NS Dis	330-337	0	0	0	1
-Disorders of Peripheral NS	350-359	0	1	0	5
-Disorders of Eye	360-379	2	0	0	11
-Diseases of Ear & Mastoid	380-389	0	1	0	4
CIRCULATORY SYSTEM	390-459	1	0	1	21
-Ischemic Heart Dis	410-414	0	0	0	6
-Other Heart Dis	420-429	0	0	0	5
-Cerebrovascular Dis	430-438	0	0	0	4
-Dis of Arteries & Capillaries	440-449	1	0	0	3
-Dis of Veins, Lymphatics, Other	451-459	0	0	1	3
RESPIRATORY SYSTEM	460-519	4	4	3	64

(Continued)

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

Lawrence Livermore National Laboratory 2010

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			
-Acute Respiratory Infections	460-466	16	5	1
-Other Dis Upper Respiratory Tract	470-478	4	2	1
-Pneumonia & Influenza	480-488	13	3	6
-Chronic Obstructive Dis	490-496	1	1	0
DIGESTIVE SYSTEM	520-579	21	7	5
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	2
-Esophagus, Stomach, Duodenum	530-538	3	1	0
-Appendicitis	540-543	2	0	2
-Hernias	550-553	7	3	1
-Other Intestinal Dis	560-569	3	0	0
-Other Digestive Dis	570-579	5	3	0
GENTOURINARY SYSTEM	580-629	6	1	1
-Other Urinary Dis	590-599	3	0	1
-Male Genital Organ Dis	600-608	3	1	0
SKIN AND SUBCUTANEOUS TISSUE	680-709	1	1	0
-Infections	680-686	0	0	0
-Other	700-709	1	1	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	31	16	7
-Arthropathies	710-719	18	3	4
-Dorsopathies	720-724	8	8	2
-Rheumatism, Excluding Back	725-729	5	5	1
-Other Dis & Acquired Deformities	730-739	0	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	13	5	7
-Symptoms	780-789	13	5	7
INJURY & POISONING	800-999	24	7	14
-Fracture - Upper Limb	810-819	1	2	0
-Fracture - Lower Limb	820-829	3	0	2
-Dislocation	830-839	4	0	0
-Sprains & Strains - Back	846-847	0	0	3
-Sprains & Strains - Other	840-845, 848	12	4	7
-Open Wound - Head, Neck, Trunk	870-879	1	0	0
-Open Wound - Lower Limb	890-897	0	0	0
-Superficial Injury	910-919	0	0	1
-Contusion	920-924	2	0	1
-Complications & Unspecified Injuries	958-959	1	1	0

(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			TOTAL
		Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code				
-Acute Respiratory Infections	460-466	0	1	2	25
-Other Dis Upper Respiratory Tract	470-478	1	0	0	8
-Pneumonia & Influenza	480-488	2	3	0	27
-Chronic Obstructive Dis	490-496	1	0	1	4
DIGESTIVE SYSTEM	520-579	5	1	2	41
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	3
-Esophagus, Stomach, Duodenum	530-538	0	0	0	4
-Appendicitis	540-543	0	0	0	4
-Hernias	550-553	4	0	2	17
-Other Intestinal Dis	560-569	0	1	0	4
-Other Digestive Dis	570-579	1	0	0	9
GENTOURINARY SYSTEM	580-629	2	0	0	10
-Other Urinary Dis	590-599	2	0	0	6
-Male Genital Organ Dis	600-608	0	0	0	4
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	1	3
-Infections	680-686	0	0	1	1
-Other	700-709	0	0	0	2
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	4	4	7	69
-Arthropathies	710-719	2	4	3	34
-Dorsopathies	720-724	1	0	4	23
-Rheumatism, Excluding Back	725-729	0	0	0	11
-Other Dis & Acquired Deformities	730-739	1	0	0	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	2	27
-Symptoms	780-789	0	0	2	27
INJURY & POISONING	800-999	5	4	5	59
-Fracture - Upper Limb	810-819	1	1	0	5
-Fracture - Lower Limb	820-829	1	0	0	6
-Dislocation	830-839	1	0	0	5
-Sprains & Strains - Back	846-847	2	0	0	5
-Sprains & Strains - Other	840-845, 848	0	2	2	27
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1
-Open Wound - Lower Limb	890-897	0	1	0	1
-Superficial Injury	910-919	0	0	1	2
-Contusion	920-924	0	0	1	4
-Complications & Unspecified Injuries	958-959	0	0	1	3

(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
Diagnostic Category	ICD-9-CM Code			
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	4	0	1
-Personal & Family History	V10-V19	1	0	0
-Health Services Reproduction/Development	V20-V29	1	0	1
-Examination & Investigation	V70-V82	2	0	0

*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
		Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code				
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	0	0	1	6
-Personal & Family History	V10-V19	0	0	0	1
-Health Services Reproduction/Development	V20-V29	0	0	0	2
-Examination & Investigation	V70-V82	0	0	1	3

	Men						TOTAL
	Job Category						
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category							
Total	177	65	56	26	17	23	364

*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		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	10	70	11
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	31	22	0
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	33	137	9
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	77	0
MENTAL DISORDERS	290-319	0	24	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	152	120	9
CIRCULATORY SYSTEM	390-459	19	213	0
RESPIRATORY SYSTEM	460-519	88	371	457
DIGESTIVE SYSTEM	520-579	60	386	27
GENTOURINARY SYSTEM	580-629	50	603	15
PREGNANCY & CHILDBIRTH	630-679	0	12	0
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	10	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	217	1,792	64
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	80	527	473
INJURY & POISONING	800-999	125	613	26

*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*

		Women			
		Job Category			TOTAL
		Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	91
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	43	0	0	96
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	0	179
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	77
MENTAL DISORDERS	290-319	0	0	0	24
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	10	0	0	291
CIRCULATORY SYSTEM	390-459	13	0	0	245
RESPIRATORY SYSTEM	460-519	26	0	0	942
DIGESTIVE SYSTEM	520-579	18	0	0	491
GENTOURINARY SYSTEM	580-629	51	0	0	719
PREGNANCY & CHILDBIRTH	630-679	0	0	0	12
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0	10
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	288	161	6	2,528
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	6	0	0	1,086
INJURY & POISONING	800-999	5	0	0	769

*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	51	21	0
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	474	377	265
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	74	16	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	6
BLOOD & BLOOD-FORMING ORGANS	280-289	0	5	0
MENTAL DISORDERS	290-319	104	194	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	162	35	120
CIRCULATORY SYSTEM	390-459	214	90	413
RESPIRATORY SYSTEM	460-519	475	90	200
DIGESTIVE SYSTEM	520-579	671	72	53
GENITOURINARY SYSTEM	580-629	62	11	7
SKIN AND SUBCUTANEOUS TISSUE	680-709	6	19	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	746	851	238
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	124	74	212
INJURY & POISONING	800-999	553	135	365

*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			TOTAL
		Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	11	13	0	96
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	7	0	82	1,205
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	13	0	0	103
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	6
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	5
MENTAL DISORDERS	290-319	0	17	0	315
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	23	24	0	364
CIRCULATORY SYSTEM	390-459	5	0	7	729
RESPIRATORY SYSTEM	460-519	37	31	27	860
DIGESTIVE SYSTEM	520-579	114	8	59	977
GENITOURINARY SYSTEM	580-629	15	0	0	95
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	17	42
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	62	395	1,074	3,366
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	13	423
INJURY & POISONING	800-999	485	166	120	1,824

*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

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	9	3.0	0.9	9.5
-Intestinal Infectious Dis	001-009	1	0.2	0.0	1.3
-Other Bacterial Dis	030-041	3	2.1	0.4	10.6
-Polio & Other Viral CNS Dis	045-049	1	0.2	0.0	1.4
-Viral Dis with Exanthem	050-059	1	0.1	0.0	0.7
-Other Viral Dis & Chlamydiae	070-079	3	0.5	0.1	1.5
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	22	2.4	1.5	3.6
-Digestive & Peritoneal	150-159	7	0.8	0.4	1.6
-Respiratory & Intrathoracic	160-165	1	0.1	0.0	0.7
-Genitourinary	179-189	6	0.7	0.3	1.5
-Endocrine	193-194, 209.0-209.3	2	0.2	0.0	0.8
-Other & Unspecified Sites	195-199, 209.7	3	0.4	0.1	1.2
-Lymphatic & Hematopoietic	200-208	3	0.3	0.1	0.9
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	5	0.6	0.3	1.6
ENDOCRINE/METABOLIC/IMMUNITY	240-279	1	0.2	0.0	1.4
-Other Metabolic & Immunity Disorders	270-279	1	0.2	0.0	1.4
BLOOD & BLOOD-FORMING ORGANS	280-289	1	0.1	0.0	0.7
MENTAL DISORDERS	290-319	5	1.4	0.5	3.6
-Non-Psychotic Disorders	300-302, 306-316	3	0.8	0.2	2.9
-Alcohol Dependence	303	1	0.4	0.1	2.7
-Drug Dependence	304-305	1	0.2	0.0	1.4
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	21	3.4	2.1	5.4
-Hereditary/Degenerative Central NS Dis	330-337	1	0.1	0.0	0.7
-Disorders of Peripheral NS	350-359	5	0.7	0.3	1.7
-Disorders of Eye	360-379	11	1.7	0.9	3.1
-Diseases of Ear & Mastoid	380-389	4	1.0	0.3	2.7
CIRCULATORY SYSTEM	390-459	21	3.0	1.9	4.8
-Ischemic Heart Dis	410-414	6	0.8	0.4	1.9
-Other Heart Dis	420-429	5	0.6	0.3	1.6
-Cerebrovascular Dis	430-438	4	0.6	0.2	1.6
-Dis of Arteries & Capillaries	440-449	3	0.4	0.1	1.3
-Dis of Veins, Lymphatics, Other	451-459	3	0.6	0.1	2.2
RESPIRATORY SYSTEM	460-519	64	15.2	10.0	23.2

(Continued)

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

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

Lawrence Livermore National Laboratory 2010

Absence Data

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

Part 1. Men

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
-Acute Respiratory Infections	460-466	25	4.4	2.9	6.8
-Other Dis Upper Respiratory Tract	470-478	8	1.2	0.6	2.8
-Pneumonia & Influenza	480-488	27	9.0	4.6	17.5
-Chronic Obstructive Dis	490-496	4	0.6	0.2	1.6
DIGESTIVE SYSTEM	520-579	41	6.6	4.6	9.2
-Oral Cavity, Saliva Glands, Jaw	520-529	3	0.7	0.2	2.4
-Esophagus, Stomach, Duodenum	530-538	4	0.6	0.2	1.6
-Appendicitis	540-543	4	0.4	0.1	1.0
-Hernias	550-553	17	2.9	1.7	5.0
-Other Intestinal Dis	560-569	4	0.7	0.2	2.2
-Other Digestive Dis	570-579	9	1.3	0.7	2.6
GENITOURINARY SYSTEM	580-629	10	1.7	0.9	3.2
-Other Urinary Dis	590-599	6	1.1	0.5	2.4
-Male Genital Organ Dis	600-608	4	0.6	0.2	1.7
SKIN AND SUBCUTANEOUS TISSUE	680-709	3	0.5	0.1	1.5
-Infections	680-686	1	0.2	0.0	1.4
-Other	700-709	2	0.3	0.1	1.2
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	69	11.4	7.9	16.5
-Arthropathies	710-719	34	6.3	3.5	11.4
-Dorsopathies	720-724	23	3.4	2.2	5.3
-Rheumatism, Excluding Back	725-729	11	1.6	0.8	3.1
-Other Dis & Acquired Deformities	730-739	1	0.1	0.0	0.7
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	27	4.3	2.8	6.5
-Symptoms	780-789	27	4.3	2.8	6.5
INJURY & POISONING	800-999	59	14.7	9.5	22.7
-Fracture - Upper Limb	810-819	5	1.0	0.4	2.6
-Fracture - Lower Limb	820-829	6	1.0	0.4	2.3
-Dislocation	830-839	5	1.1	0.4	2.8
-Sprains & Strains - Back	846-847	5	0.8	0.3	1.9
-Sprains & Strains - Other	840-845, 848	27	9.6	5.1	18.2
-Open Wound - Head, Neck, Trunk	870-879	2	0.2	0.0	0.8
-Superficial Injury	910-919	2	0.2	0.0	0.8
-Contusion	920-924	4	0.4	0.1	1.0

(Continued)

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

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

Lawrence Livermore National Laboratory 2010

Absence Data

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

Part 1. Men

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
-Complications & Unspecified Injuries	958-959	3	0.5	0.1	1.5
Total		358	68.4	57.9	80.7

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

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

Lawrence Livermore National Laboratory 2010

Absence Data

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

Part 2. Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	8	2.3	1.0	5.0
-Intestinal Infectious Dis	001-009	5	1.6	0.6	4.4
-Polio & Other Viral CNS Dis	045-049	1	0.2	0.0	1.6
-Viral Dis with Exanthem	050-059	1	0.2	0.0	1.6
-Other Viral Dis & Chlamydiae	070-079	1	0.2	0.0	1.6
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	5	1.5	0.6	3.6
-Breast	174-175	5	1.5	0.6	3.6
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	5	2.5	1.0	6.4
ENDOCRINE/METABOLIC/IMMUNITY	240-279	3	0.7	0.2	2.1
-Other Endocrine Gland Dis	249-259	1	0.2	0.0	1.6
-Other Metabolic & Immunity Disorders	270-279	2	0.5	0.1	1.8
MENTAL DISORDERS	290-319	1	0.4	0.1	2.7
-Non-Psychotic Disorders	300-302, 306-316	1	0.4	0.1	2.7
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	10	9.1	2.5	33.1
-Other Disorders of Central NS	340-349	3	7.0	1.3	36.7
-Disorders of Peripheral NS	350-359	5	1.6	0.6	4.4
-Disorders of Eye	360-379	2	0.5	0.1	1.8
CIRCULATORY SYSTEM	390-459	9	2.7	1.3	5.6
-Hypertensive Dis	401-405	1	0.2	0.0	1.6
-Dis of Pulmonary Circulation	415-417	1	0.2	0.0	1.6
-Other Heart Dis	420-429	3	1.2	0.3	4.3
-Cerebrovascular Dis	430-438	1	0.2	0.0	1.6
-Dis of Veins, Lymphatics, Other	451-459	3	0.8	0.3	2.7
RESPIRATORY SYSTEM	460-519	45	16.8	12.1	23.3
-Acute Respiratory Infections	460-466	16	6.0	3.5	10.3
-Other Dis Upper Respiratory Tract	470-478	6	2.1	0.8	5.3
-Pneumonia & Influenza	480-488	19	7.2	4.3	11.9
-Chronic Obstructive Dis	490-496	3	0.8	0.3	2.7
-Other Respiratory Dis	510-519	1	0.7	0.1	5.0
DIGESTIVE SYSTEM	520-579	25	11.6	7.5	17.9
-Oral Cavity, Saliva Glands, Jaw	520-529	3	1.2	0.3	4.7
-Esophagus, Stomach, Duodenum	530-538	2	0.5	0.1	1.8
-Appendicitis	540-543	4	1.8	0.7	5.1

(Continued)

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

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

Lawrence Livermore National Laboratory 2010

Absence Data

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

Part 2. Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
-Hernias	550-553	2	1.4	0.3	5.6
-Enteritis, Colitis	555-558	1	0.2	0.0	1.6
-Other Intestinal Dis	560-569	5	2.4	0.9	6.1
-Other Digestive Dis	570-579	8	4.0	1.9	8.7
GENITOURINARY SYSTEM	580-629	20	7.9	4.9	12.8
-Other Urinary Dis	590-599	4	1.1	0.4	2.9
-Breast Disorders	610-612	1	0.4	0.1	2.7
-Other Female Disorders	617-629	15	6.5	3.7	11.3
PREGNANCY & CHILDBIRTH	630-679	1	0.8	0.1	5.6
-Pregnancy with Abortive Outcome	634-639	1	0.8	0.1	5.6
SKIN AND SUBCUTANEOUS TISSUE	680-709	2	0.5	0.1	1.8
-Infections	680-686	1	0.2	0.0	1.6
-Other	700-709	1	0.2	0.0	1.6
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	52	19.8	14.6	26.6
-Arthropathies	710-719	18	6.9	4.2	11.5
-Dorsopathies	720-724	19	7.2	4.4	11.9
-Rheumatism, Excluding Back	725-729	13	4.5	2.5	8.1
-Other Dis & Acquired Deformities	730-739	2	1.1	0.3	4.6
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	28	12.8	8.5	19.3
-Symptoms	780-789	28	12.8	8.5	19.3
INJURY & POISONING	800-999	25	14.0	5.9	33.2
-Fracture - Upper Limb	810-819	3	0.8	0.3	2.7
-Fracture - Lower Limb	820-829	5	2.2	0.8	6.0
-Dislocation	830-839	5	1.5	0.6	3.6
-Sprains & Strains - Other	840-845, 848	7	2.1	1.0	4.4
-Intracranial Injury	850-854	1	0.4	0.1	2.7
-Open Wound - Head, Neck, Trunk	870-879	1	0.2	0.0	1.6
-Contusion	920-924	1	0.2	0.0	1.6
-Complications & Unspecified Injuries	958-959	2	6.7	1.2	38.1
Total		239	103.2	84.3	126.4

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

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

Lawrence Livermore National Laboratory 2010

Absence Data

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

Part 3. Men and Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	17	2.9	1.2	7.3
-Intestinal Infectious Dis	001-009	6	0.6	0.2	1.3
-Other Bacterial Dis	030-041	3	1.6	0.3	8.1
-Polio & Other Viral CNS Dis	045-049	2	0.2	0.0	0.8
-Viral Dis with Exanthem	050-059	2	0.1	0.0	0.5
-Other Viral Dis & Chlamydiae	070-079	4	0.4	0.2	1.2
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	27	2.2	1.5	3.3
-Digestive & Peritoneal	150-159	7	0.6	0.3	1.2
-Respiratory & Intrathoracic	160-165	1	0.1	0.0	0.5
-Breast	174-175	5	0.5	0.2	1.2
-Genitourinary	179-189	6	0.5	0.2	1.1
-Endocrine	193-194, 209.0-209.3	2	0.1	0.0	0.5
-Other & Unspecified Sites	195-199, 209.7	3	0.3	0.1	1.0
-Lymphatic & Hematopoietic	200-208	3	0.2	0.1	0.6
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	10	1.2	0.6	2.4
ENDOCRINE/METABOLIC/IMMUNITY	240-279	4	0.3	0.1	0.9
-Other Endocrine Gland Dis	249-259	1	0.1	0.0	0.5
-Other Metabolic & Immunity Disorders	270-279	3	0.3	0.1	0.9
BLOOD & BLOOD-FORMING ORGANS	280-289	1	0.1	0.0	0.5
MENTAL DISORDERS	290-319	6	1.1	0.5	2.6
-Non-Psychotic Disorders	300-302, 306-316	4	0.7	0.2	2.1
-Alcohol Dependence	303	1	0.3	0.0	1.8
-Drug Dependence	304-305	1	0.1	0.0	0.9
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	31	4.7	2.5	8.6
-Hereditary/Degenerative Central NS Dis	330-337	1	0.1	0.0	0.5
-Other Disorders of Central NS	340-349	3	1.7	0.4	7.9
-Disorders of Peripheral NS	350-359	10	0.9	0.5	1.7
-Disorders of Eye	360-379	13	1.4	0.8	2.4
-Diseases of Ear & Mastoid	380-389	4	0.6	0.2	1.8
CIRCULATORY SYSTEM	390-459	30	3.0	2.0	4.4
-Hypertensive Dis	401-405	1	0.1	0.0	0.5
-Ischemic Heart Dis	410-414	6	0.6	0.3	1.5
-Dis of Pulmonary Circulation	415-417	1	0.1	0.0	0.5

(Continued)

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

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

Lawrence Livermore National Laboratory 2010

Absence Data

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

Part 3. Men and Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
-Other Heart Dis	420-429	8	0.8	0.4	1.6
-Cerebrovascular Dis	430-438	5	0.5	0.2	1.2
-Dis of Arteries & Capillaries	440-449	3	0.3	0.1	0.9
-Dis of Veins, Lymphatics, Other	451-459	6	0.7	0.3	1.7
RESPIRATORY SYSTEM	460-519	109	16.2	11.8	22.2
-Acute Respiratory Infections	460-466	41	5.1	3.6	7.1
-Other Dis Upper Respiratory Tract	470-478	14	1.5	0.8	2.8
-Pneumonia & Influenza	480-488	46	8.8	5.1	15.0
-Chronic Obstructive Dis	490-496	7	0.7	0.3	1.4
-Other Respiratory Dis	510-519	1	0.1	0.0	1.0
DIGESTIVE SYSTEM	520-579	66	7.9	6.1	10.3
-Oral Cavity, Saliva Glands, Jaw	520-529	6	0.8	0.3	2.1
-Esophagus, Stomach, Duodenum	530-538	6	0.5	0.2	1.3
-Appendicitis	540-543	8	0.8	0.4	1.7
-Hernias	550-553	19	2.5	1.5	4.1
-Enteritis, Colitis	555-558	1	0.1	0.0	0.5
-Other Intestinal Dis	560-569	9	1.1	0.5	2.2
-Other Digestive Dis	570-579	17	2.1	1.2	3.5
GENITOURINARY SYSTEM	580-629	30	3.9	2.7	5.8
-Other Urinary Dis	590-599	10	1.2	0.6	2.2
-Male Genital Organ Dis	600-608	4	0.5	0.2	1.4
-Breast Disorders	610-612	1	0.1	0.0	0.9
-Other Female Disorders	617-629	15	2.1	1.2	3.7
PREGNANCY & CHILDBIRTH	630-679	1	0.3	0.0	1.8
-Pregnancy with Abortive Outcome	634-639	1	0.3	0.0	1.8
SKIN AND SUBCUTANEOUS TISSUE	680-709	5	0.5	0.2	1.2
-Infections	680-686	2	0.2	0.0	0.8
-Other	700-709	3	0.3	0.1	1.0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	121	13.9	10.8	17.9
-Arthropathies	710-719	52	6.5	4.2	10.3
-Dorsopathies	720-724	42	4.5	3.2	6.2
-Rheumatism, Excluding Back	725-729	24	2.5	1.6	3.9
-Other Dis & Acquired Deformities	730-739	3	0.3	0.1	1.1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	55	6.4	4.8	8.5

(Continued)

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

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

Lawrence Livermore National Laboratory 2010

Absence Data

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

Part 3. Men and Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
-Symptoms	780-789	55	6.4	4.8	8.5
INJURY & POISONING	800-999	84	14.5	9.9	21.3
-Fracture - Upper Limb	810-819	8	0.9	0.4	2.0
-Fracture - Lower Limb	820-829	11	1.4	0.7	2.6
-Dislocation	830-839	10	1.3	0.6	2.5
-Sprains & Strains - Back	846-847	5	0.5	0.2	1.3
-Sprains & Strains - Other	840-845, 848	34	7.7	4.2	14.1
-Intracranial Injury	850-854	1	0.1	0.0	0.9
-Open Wound - Head, Neck, Trunk	870-879	3	0.2	0.1	0.6
-Superficial Injury	910-919	2	0.1	0.0	0.5
-Contusion	920-924	5	0.3	0.1	0.8
-Complications & Unspecified Injuries	958-959	5	1.9	0.5	7.6
Total		597	79.0	69.6	89.6

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

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

**Lawrence Livermore National Laboratory 2010
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	
	16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Professional	1	3	9	14	27	1	5	11	17	44
Technical Support	0	2	0	1	3	0	3	19	22	25
Service	0	0	0	1	1	0	0	1	1	2
Crafts	0	0	0	0	0	0	2	2	4	4
TOTAL	1	5	9	16	31	1	10	33	44	75

*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	1	0	0	0	0	0	1	0	0
30 - 39	5	0	0	1	54	0	6	54	0
40 - 49	9	25	3	10	178	0	19	203	3
50 +	16	239	271	33	368	178	49	607	449
TOTAL	31	264	274	44	600	178	75	864	452

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	27	241	274	17	113	54	44	354	328
Technical Support	3	0	0	22	343	93	25	343	93
Service	1	23	0	1	0	31	2	23	31
Crafts	0	0	0	4	144	0	4	144	0
TOTAL	31	264	274	44	600	178	75	864	452

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

Lawrence Livermore National Laboratory 2010

OSHA Data

Appendix O. 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					
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	1	2	3
-Disorders of Peripheral NS	350-359	0	0	1	2	3
-Diseases of Ear & Mastoid	380-389	0	0	0	0	0
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	2	10	13	25
-Arthropathies	710-719	0	1	8	5	14
-Dorsopathies	720-724	0	0	0	2	2
-Rheumatism, Excluding Back	725-729	0	1	2	6	9
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	1	1	4	6
-Symptoms	780-789	0	1	1	4	6
INJURY & POISONING	800-999	1	9	9	12	31
-Fracture - Lower Limb	820-829	0	0	0	2	2
-Sprains & Strains - Back	846-847	0	0	1	0	1
-Sprains & Strains - Other	840-845, 848	0	0	2	2	4
-Open Wound - Upper Limb	880-887	0	0	0	0	0
-Open Wound - Lower Limb	890-897	0	1	0	0	1
-Superficial Injury	910-919	0	1	0	0	1
-Contusion	920-924	0	2	0	1	3
-Burns	940-949	1	0	0	0	1
-Complications & Unspecified Injuries	958-959	0	5	6	6	17
-Poisoning - Medicinal/Biological	960-979	0	0	0	0	0
-Toxic Effects - Non-medicinal	980-989	0	0	0	1	1

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

Lawrence Livermore National Laboratory 2010

OSHA Data

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

		Men				TOTAL
		Age Group			TOTAL	
		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code					
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	2	9	11	14
-Disorders of Peripheral NS	350-359	0	0	1	1	4
-Diseases of Ear & Mastoid	380-389	0	2	8	10	10
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	1	2	3	3
-Other Inflammatory Conditions	690-698	0	1	2	3	3
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	7	19	27	52
-Arthropathies	710-719	0	3	14	17	31
-Dorsopathies	720-724	1	0	5	6	8
-Rheumatism, Excluding Back	725-729	0	4	0	4	13
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	2	2	8
-Symptoms	780-789	0	0	2	2	8
INJURY & POISONING	800-999	1	6	23	30	61
-Fracture - Lower Limb	820-829	0	0	1	1	3
-Sprains & Strains - Back	846-847	1	0	4	5	6
-Sprains & Strains - Other	840-845, 848	0	1	6	7	11
-Open Wound - Upper Limb	880-887	0	1	3	4	4
-Open Wound - Lower Limb	890-897	0	0	0	0	1
-Superficial Injury	910-919	0	0	0	0	1
-Contusion	920-924	0	0	1	1	4
-Burns	940-949	0	0	0	0	1
-Complications & Unspecified Injuries	958-959	0	2	8	10	27
-Poisoning - Medicinal/Biological	960-979	0	1	0	1	1
-Toxic Effects - Non-medicinal	980-989	0	1	0	1	2

	Women					Men				TOTAL
	Age Group				TOTAL	Age Group			TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category										
Total	1	12	21	31	65	2	16	55	73	138

*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							
		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	39	94
-Arthropathies	710-719	0	0	0	0	25	0	193	115
-Dorsopathies	720-724	0	0	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	105
-Symptoms	780-789	0	0	0	0	0	0	0	11
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	1
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	3	170	10
-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
-Burns	940-949	0	0	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	25	0	30	50
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	0	0	11

		Men					
		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						
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0
-Diseases of Ear & Mastoid	380-389	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	158	65
-Dorsopathies	720-724	54	0	0	0	66	31
-Rheumatism, Excluding Back	725-729	0	0	178	0	0	0
-Symptoms	780-789	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	46
-Sprains & Strains - Back	846-847	54	0	0	0	66	31
-Sprains & Strains - Other	840-845, 848	0	0	0	0	285	71
-Open Wound - Upper Limb	880-887	0	0	0	0	3	10
-Contusion	920-924	0	0	0	0	0	1
-Complications & Unspecified Injuries	958-959	0	0	144	0	14	19

(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.

Lawrence Livermore National Laboratory 2010

OSHA Data

Appendix P. 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 Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Poisoning - Medicinal/Biological	960-979	0	0	0	0	0	0
-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.

**Lawrence Livermore National Laboratory 2010
OSHA Data**

Appendix Q. Number of Occurrences in Each Accident 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 +		
Type of Accident	E Codes										
Other Road Vehicle	E826-E829	0	1	0	0	1	0	0	1	1	2
Accidental Poisoning - Medicinal/Biological	E850-E858	0	0	0	0	0	0	1	0	1	1
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	1	1	0	0	0	0	1
Falls	E880-E888	0	1	3	2	6	0	0	3	3	9
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	1	0	1	1
Other Accidents	E916-E928	1	3	6	13	23	1	7	27	35	58

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

**Lawrence Livermore National Laboratory 2010
OSHA Data**

Appendix R. 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 Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Other Road Vehicle	E826-E829	0	0	0	0	0	0	0	0
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	0	0	11
Falls	E880-E888	0	0	0	0	0	3	0	0
Other Accidents	E916-E928	0	0	0	0	25	0	239	260

		Men					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Other Road Vehicle	E826-E829	0	0	0	0	0	46
Accidental Poisoning - Medicinal/Biological	E850-E858	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	141	36
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0
Other Accidents	E916-E928	54	0	178	0	227	96

*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.

Lawrence Livermore National Laboratory 2010

OSHA Data

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

		Women			
		Job Category			TOTAL
		Professional	Technical Support	Service	
Diagnostic Category	ICD-9-CM Code				
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	3	0	0	3
-Disorders of Peripheral NS	350-359	3	0	0	3
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	22	2	1	25
-Arthropathies	710-719	12	1	1	14
-Dorsopathies	720-724	2	0	0	2
-Rheumatism, Excluding Back	725-729	8	1	0	9
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	5	1	0	6
-Symptoms	780-789	5	1	0	6
INJURY & POISONING	800-999	27	3	1	31
-Fracture - Lower Limb	820-829	2	0	0	2
-Sprains & Strains - Back	846-847	1	0	0	1
-Sprains & Strains - Other	840-845, 848	4	0	0	4
-Open Wound - Lower Limb	890-897	1	0	0	1
-Superficial Injury	910-919	1	0	0	1
-Contusion	920-924	3	0	0	3
-Burns	940-949	1	0	0	1
-Complications & Unspecified Injuries	958-959	13	3	1	17
-Toxic Effects - Non-medicinal	980-989	1	0	0	1

	Women			
	Job Category			TOTAL
	Professional	Technical Support	Service	
Diagnostic Category				
Total	57	6	2	65

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

Lawrence Livermore National Laboratory 2010

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					
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	9	0	2	11
-Disorders of Peripheral NS	350-359	0	1	0	0	1
-Diseases of Ear & Mastoid	380-389	0	8	0	2	10
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	3	0	0	3
-Other Inflammatory Conditions	690-698	0	3	0	0	3
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	19	5	1	2	27
-Arthropathies	710-719	12	4	0	1	17
-Dorsopathies	720-724	4	1	1	0	6
-Rheumatism, Excluding Back	725-729	3	0	0	1	4
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	1	0	0	2
-Symptoms	780-789	1	1	0	0	2
INJURY & POISONING	800-999	16	11	1	2	30
-Fracture - Lower Limb	820-829	1	0	0	0	1
-Sprains & Strains - Back	846-847	3	1	1	0	5
-Sprains & Strains - Other	840-845, 848	2	4	0	1	7
-Open Wound - Upper Limb	880-887	0	4	0	0	4
-Contusion	920-924	1	0	0	0	1
-Complications & Unspecified Injuries	958-959	7	2	0	1	10
-Poisoning - Medicinal/Biological	960-979	1	0	0	0	1
-Toxic Effects - Non-medicinal	980-989	1	0	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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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					
Total	36	29	2	6	73

*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		Technical Support		Service	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Peripheral NS	350-359	39	94	0	0	0	0
-Arthropathies	710-719	195	115	0	0	23	0
-Dorsopathies	720-724	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	105	0	0	0	0
-Symptoms	780-789	0	11	0	0	0	0
-Fracture - Lower Limb	820-829	0	1	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	170	13	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
-Burns	940-949	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	32	50	0	0	23	0
-Toxic Effects - Non-medicinal	980-989	0	11	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
-Diseases of Ear & Mastoid	380-389	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	7	158	58	0	0	0	0
-Dorsopathies	720-724	79	0	41	0	0	31	0	0
-Rheumatism, Excluding Back	725-729	34	0	0	0	0	0	144	0
-Symptoms	780-789	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	46	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	79	0	41	0	0	31	0	0
-Sprains & Strains - Other	840-845, 848	0	0	285	71	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	3	10	0	0	0	0
-Contusion	920-924	0	1	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	7	14	12	0	0	144	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/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								
-Poisoning - Medicinal/Biological	960-979	0	0	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	Technical Support	Service	
Type of Accident	E CODES				
Other Road Vehicle	E826-E829	1	0	0	1
Accidental Poisoning - Non-medicinal	E860-E869	1	0	0	1
Falls	E880-E888	6	0	0	6
Other Accidents	E916-E928	19	3	1	23

		Men				
		Job Category				TOTAL
		Professional	Technical Support	Service	Crafts	
Type of Accident	E CODES					
Other Road Vehicle	E826-E829	1	0	0	0	1
Accidental Poisoning - Medicinal/Biological	E850-E858	1	0	0	0	1
Falls	E880-E888	2	1	0	0	3
Natural/Environmental Factors	E900-E909	1	0	0	0	1
Other Accidents	E916-E928	12	18	1	4	35

*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		Technical Support		Service	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Other Road Vehicle	E826-E829	0	0	0	0	0	0
Accidental Poisoning - Non-medicinal	E860-E869	0	11	0	0	0	0
Falls	E880-E888	0	3	0	0	0	0
Other Accidents	E916-E928	241	260	0	0	23	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								
Other Road Vehicle	E826-E829	0	46	0	0	0	0	0	0
Accidental Poisoning - Medicinal/Biological	E850-E858	0	0	0	0	0	0	0	0
Falls	E880-E888	0	1	141	35	0	0	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	113	7	202	58	0	31	144	0

*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

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	11	1.3	0.7	2.3
-Disorders of Peripheral NS	350-359	1	0.1	0.0	0.7
-Diseases of Ear & Mastoid	380-389	10	1.2	0.6	2.2
SKIN AND SUBCUTANEOUS TISSUE	680-709	3	0.4	0.1	1.3
-Other Inflammatory Conditions	690-698	3	0.4	0.1	1.3
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	27	3.9	2.6	5.9
-Arthropathies	710-719	17	2.2	1.3	3.6
-Dorsopathies	720-724	6	0.9	0.4	2.4
-Rheumatism, Excluding Back	725-729	4	0.8	0.3	2.0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	2	0.2	0.0	0.8
-Symptoms	780-789	2	0.2	0.0	0.8
INJURY & POISONING	800-999	30	4.0	2.7	5.9
-Fracture - Lower Limb	820-829	1	0.1	0.0	0.7
-Sprains & Strains - Back	846-847	5	0.8	0.3	2.4
-Sprains & Strains - Other	840-845, 848	7	0.9	0.4	1.9
-Open Wound - Upper Limb	880-887	4	0.5	0.2	1.4
-Contusion	920-924	1	0.1	0.0	0.7
-Toxic Effects - Non-medicinal	980-989	1	0.2	0.0	1.4
-Complications of Surgical/Medical Care	996-999	11	1.4	0.8	2.7
Total		73	9.7	7.5	12.5

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

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

Lawrence Livermore National Laboratory 2010

OSHA Data

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

Part 2. Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	3	0.8	0.3	2.7
-Disorders of Peripheral NS	350-359	3	0.8	0.3	2.7
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	25	8.4	5.4	12.9
-Arthropathies	710-719	14	5.0	2.8	8.8
-Dorsopathies	720-724	2	0.5	0.1	1.8
-Rheumatism, Excluding Back	725-729	9	2.9	1.4	6.1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	6	2.1	0.8	5.3
-Symptoms	780-789	6	2.1	0.8	5.3
INJURY & POISONING	800-999	31	19.6	10.2	37.6
-Fracture - Lower Limb	820-829	2	0.5	0.1	1.8
-Sprains & Strains - Back	846-847	1	0.4	0.1	2.7
-Sprains & Strains - Other	840-845, 848	4	1.2	0.4	3.4
-Open Wound - Lower Limb	890-897	1	0.8	0.1	5.6
-Superficial Injury	910-919	1	0.8	0.1	5.6
-Contusion	920-924	3	2.3	0.7	7.1
-Burns	940-949	1	5.9	0.8	41.7
-Toxic Effects - Non-medicinal	980-989	1	0.2	0.0	1.6
-Complications of Surgical/Medical Care	996-999	17	7.6	4.5	13.0
Total		65	30.9	20.0	47.7

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

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

Lawrence Livermore National Laboratory 2010

OSHA Data

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

Part 3. Men and Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	14	1.1	0.7	2.0
-Disorders of Peripheral NS	350-359	4	0.3	0.1	0.9
-Diseases of Ear & Mastoid	380-389	10	0.8	0.4	1.5
SKIN AND SUBCUTANEOUS TISSUE	680-709	3	0.3	0.1	0.9
-Other Inflammatory Conditions	690-698	3	0.3	0.1	0.9
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	52	5.4	4.0	7.3
-Arthropathies	710-719	31	3.2	2.2	4.7
-Dorsopathies	720-724	8	0.8	0.4	1.8
-Rheumatism, Excluding Back	725-729	13	1.4	0.8	2.6
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	8	0.8	0.3	1.8
-Symptoms	780-789	8	0.8	0.3	1.8
INJURY & POISONING	800-999	61	8.4	5.7	12.5
-Fracture - Lower Limb	820-829	3	0.2	0.1	0.6
-Sprains & Strains - Back	846-847	6	0.7	0.3	1.8
-Sprains & Strains - Other	840-845, 848	11	1.0	0.5	1.9
-Open Wound - Upper Limb	880-887	4	0.3	0.1	0.9
-Open Wound - Lower Limb	890-897	1	0.3	0.0	1.8
-Superficial Injury	910-919	1	0.3	0.0	1.8
-Contusion	920-924	4	0.7	0.2	2.1
-Burns	940-949	1	1.3	0.2	9.2
-Toxic Effects - Non-medicinal	980-989	2	0.2	0.0	0.8
-Complications of Surgical/Medical Care	996-999	28	3.4	2.3	5.3
Total		138	16.1	12.7	20.3

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

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