

2009

Lawrence Livermore National Laboratory Annual Illness and Injury Surveillance Report



Lawrence Livermore National Laboratory 2009 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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Lawrence Livermore National Laboratory
2009 Illness and Injury Surveillance Report
At A Glance

A total of 6,316 LLNL employees were included in illness and injury surveillance in 2009; 1,866 (30 percent) women and 4,450 (70 percent) men. The work force has decreased 13 percent since 2008, continuing the decrease that began in 2007.

The 213 absences among 188 women resulted in an absence rate of 11 absences per 100 workers (213/1,866). The 335 absences reported by 314 men resulted in an absence rate of 8 per 100 workers (335/4,450). Absence rates in 2009 increased slightly over those reported in 2008 for both men and women.

The average length of absences in 2009 was 22 days among men and 31 days among women, a decrease of 5 days and 7 days for men and women, respectively, from 2008. This reflects an increase in the number of absences less than 15 days, particularly among women.

Injuries (20 percent), musculoskeletal disorders (19 percent), and respiratory disorders (17 percent) accounted for 56 percent of all reported diagnoses among women. Likewise, respiratory conditions (24 percent), injuries (19 percent), and musculoskeletal disorders (14 percent) accounted for 57 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 2003. 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 Crafts workers, at 14 absences per 100 workers. Among women, Technical Support workers had the highest absence rate, 15 absences per 100 workers. Male Crafts workers have not had the highest absence rate since 2006; this is the first year that female Technical Support workers have had the highest absence rate.

Five possible sentinel health events for occupation (SHEO) diagnoses were reported in 2009; 4 diagnoses were carpal tunnel syndrome. These diagnoses were reported by male workers in the Administrative Support, Crafts, and Technical Support occupational groups.

LLNL reported 28 OSHA-recordable events among women and 66 OSHA-recordable events among men. The rate of OSHA events was the same for women and men, 1.5 per 100 workers, only a slight difference from the rate for men in 2008 and a 38 percent decrease in the rate for women compared with 2008. Since 2003, 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.

Among both women and men, the OSHA-recordable rates were highest among Security and Fire workers. OSHA-recordable rates were highest among men aged 16-29 and women aged 50 and above.

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

Of the 84 OSHA events for which the type of accident was reported, 71 percent of the 28 accidents among women and 57 percent of the 56 accidents among men were attributed to overexertion and strenuous movements.

The Lawrence Livermore National Laboratory Work Force – 2009

The Work Force by Gender and Age 1

The Work Force by Gender and Job Category 1

Number and Length of Absences

Absence Rate by Gender and Age 2

Number of Days Absent by Gender and Age 2

Absence Rate by Job Category and Gender 3

Average Duration of Absence by Job Category and Gender 3

Diagnostic Categories

Number of Diagnoses and Lost Calendar Days by Diagnostic Category (Categorized by ICD-9-CM) and Gender 4

Common Diagnoses Among Female Workers in 2009 5

Common Diagnoses Among Male Workers in 2009 6

Number of Most Frequently Reported Diagnoses by Job Category and Gender 7

Rates of Disease Occurrence

Rates for All Illnesses and Injuries Combined by Job Category, Gender, and Age 8

Rates for Selected Diagnostic Categories by Job Category, Gender, and Age 8

Time Trends

Age-Adjusted Rates for All Diagnoses Combined Among Women and Men from 2003 to 2009 10

Age-Adjusted Rates for Selected Diagnostic Categories Among Women and Men from 2003 to 2009 11

Age-Adjusted Rates for All Diagnoses Combined Among Women and Men by Job Category from 2003 to 2009 12

Sentinel Health Events for Occupations (SHEOs)

Characteristics of SHEOs by Gender 13

SHEO Diagnoses by Gender 13

Occupational Safety and Health Administration (OSHA)-Recordable Events

OSHA-Recordable Events by Gender and Age 14

OSHA-Recordable Events by Job Category and Gender 14

Diagnostic and Accident Categories for OSHA-Recordable Events

OSHA-Recordable Diagnoses by Diagnostic Category and Gender 15

OSHA-Recordable Accidents by Type and Gender 16

Rates of OSHA-Recordable Events

OSHA-Recordable Rates by Age and Job Categories Among Women, All Diagnoses Combined 17

OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined 17

Time Trends for OSHA-Recordable Events

Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined Among Women and Men by Job Category from 2003 to 2009 18

Appendices

Appendices A-W 20

The Lawrence Livermore National Laboratory Work Force - 2009

Figure 1. The Work Force by Gender and Age

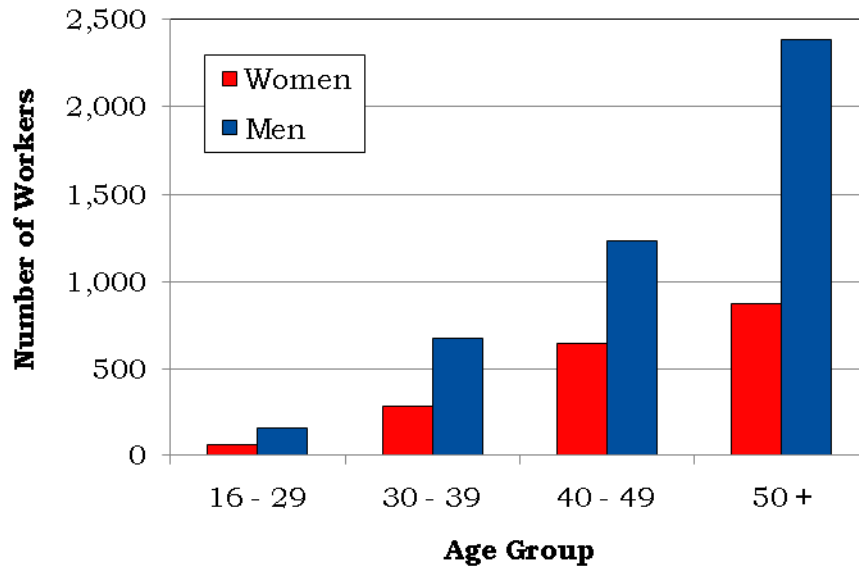


Figure 2. The Work Force by Gender and Job Category

Job Category	Women	Men
Professional	498 26%	2,426 54%
Administrative Support	1,102 59%	896 20%
Technical Support	181 10%	521 12%
Service	63 3%	160 4%
Security and Fire	17 1%	233 5%
Crafts	5 <1%	214 5%
Line Operators	0 0%	0 0%
Total	1,866 100%	4,450 100%

Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

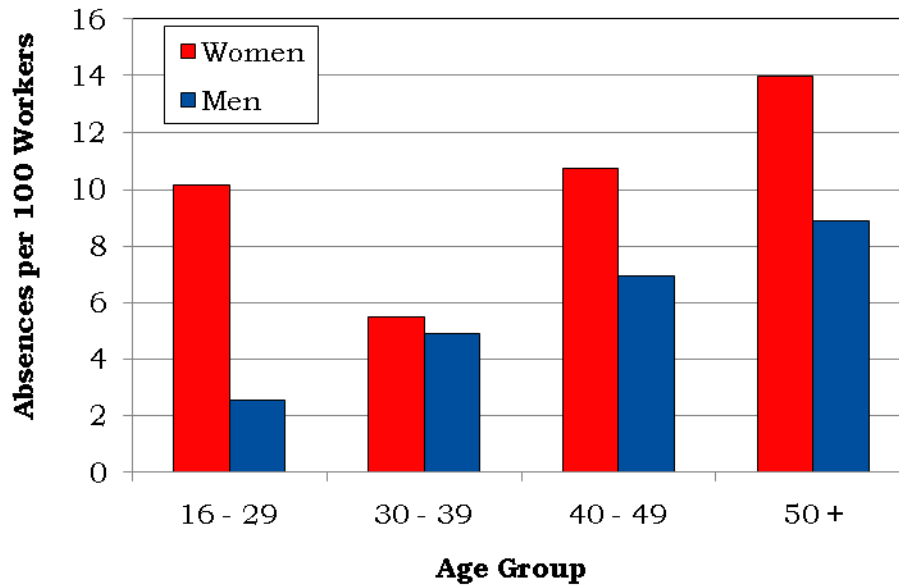


Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women*	16-29	6	86	14
	30-39	16	247	15
	40-49	69	2,019	29
	50+	122	4,263	35
	Total	213	6,615	31
Men	16-29	4	59	15
	30-39	33	606	18
	40-49	86	1,721	20
	50+	212	4,961	23
	Total	335	7,347	22

*Normal pregnancies were excluded from absences for women.

Figure 5. Absence Rate by Job Category and Gender

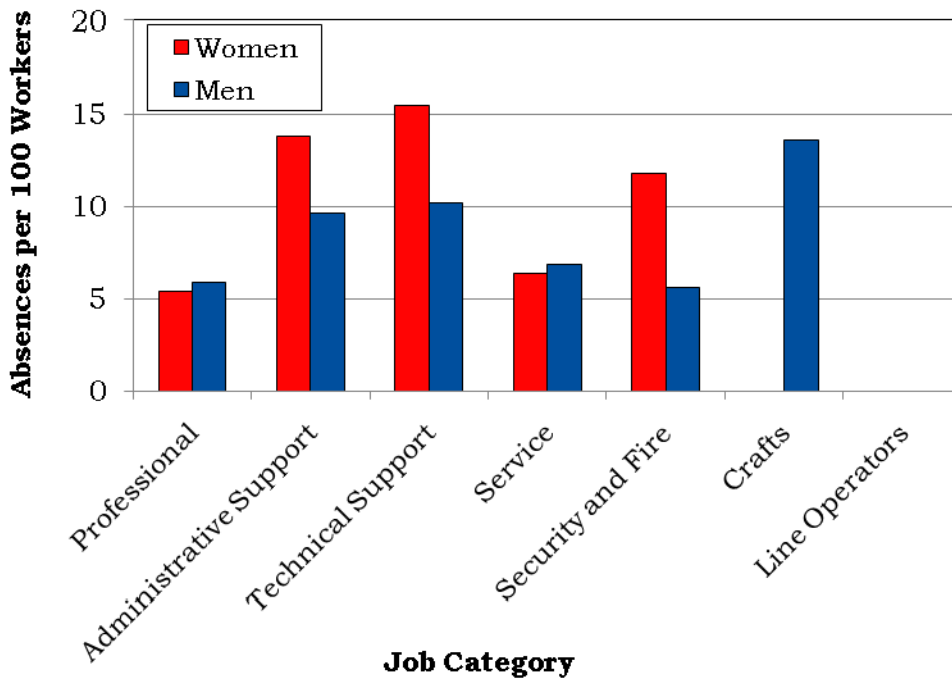
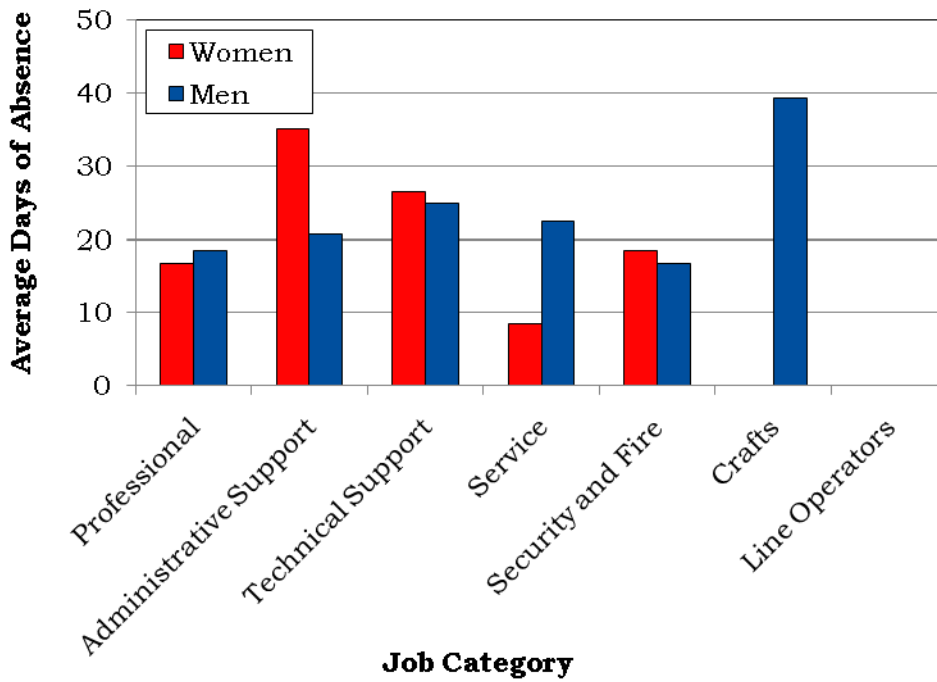


Figure 6. Average Duration of Absence by Job Category and Gender



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	11	467	3	82
Blood	0	0	0	0
Cancer	10	164	8	300
Digestive	17	493	40	695
Endocrine /Metabolic	5	107	9	232
Existing Birth Condition	0	0	1	166
Genitourinary	27	611	7	132
Heart/Circulatory	5	49	30	539
Infections/Parasites	7	159	16	246
Injury	48	1,912	72	1,811
Miscarriage	3	14	NA	NA
Musculoskeletal	47	2,082	55	1,734
Nervous System	8	192	20	374
Psychological	4	176	2	45
Respiratory	42	405	90	856
Skin	2	17	1	20
Unspecified Symptoms	9	78	25	370

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 2009

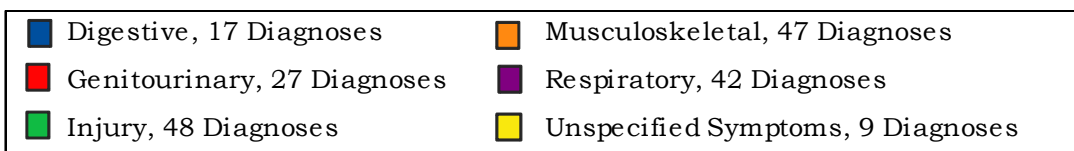
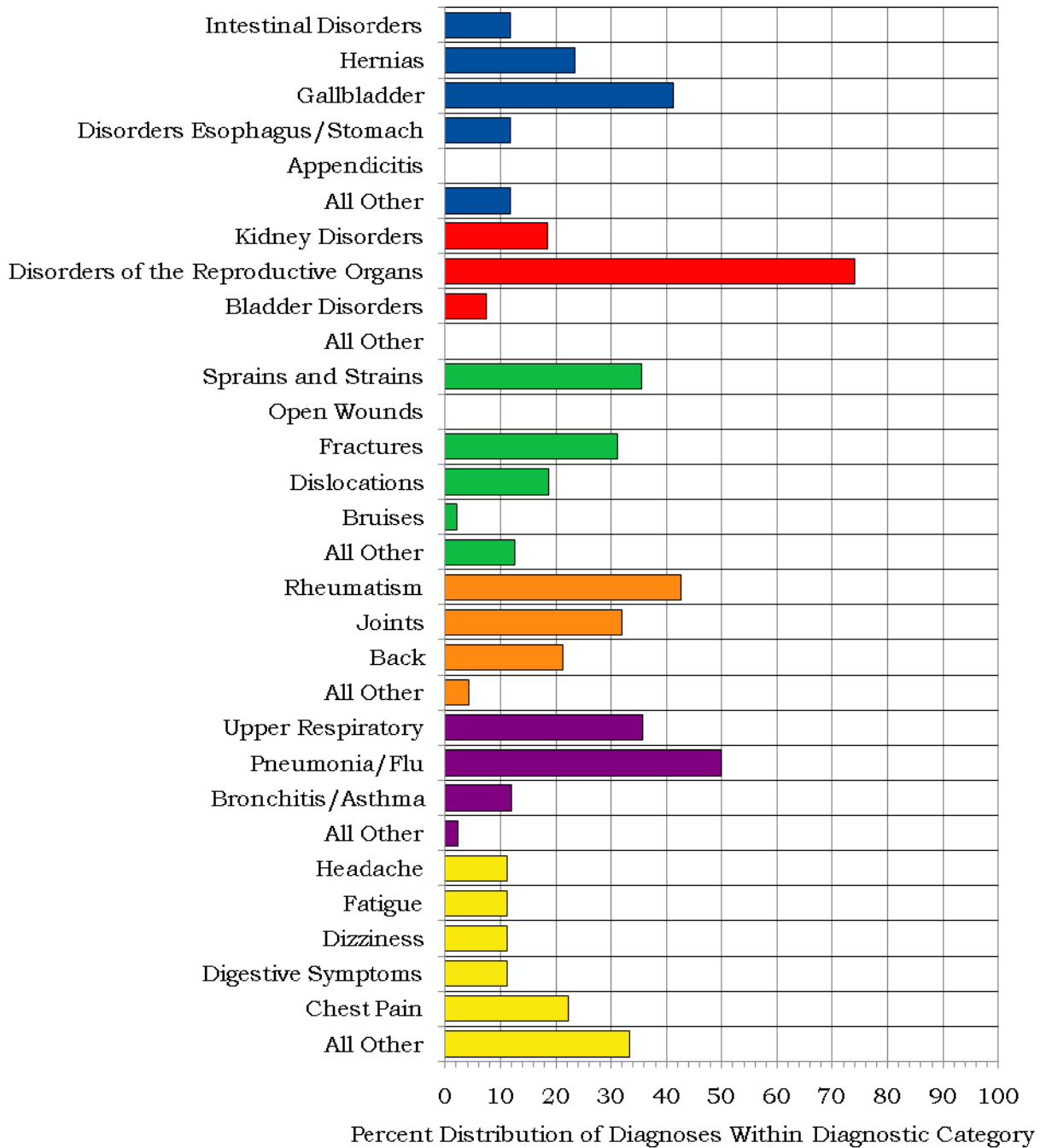
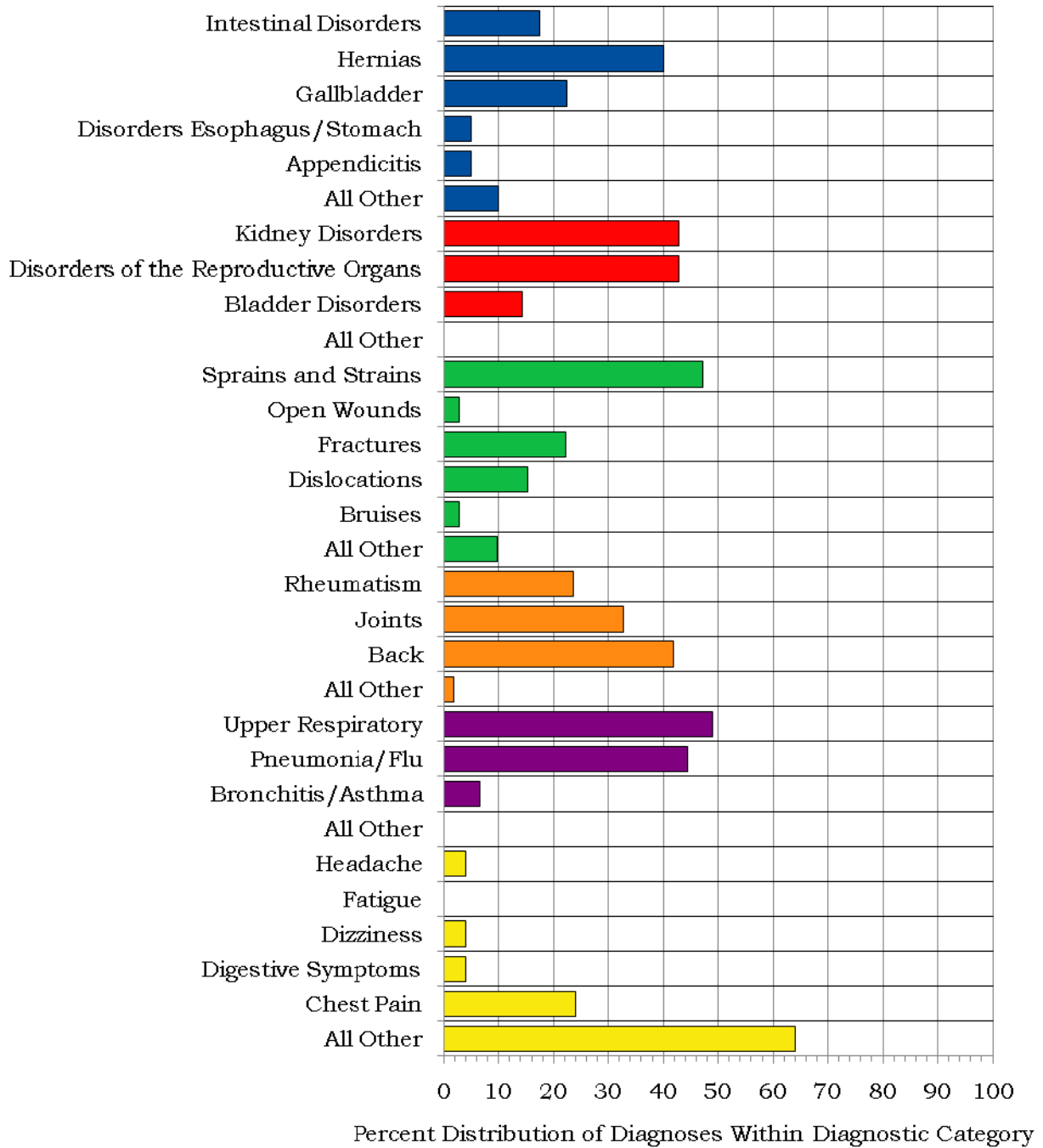


Figure 9. Common Diagnoses Among Male Workers in 2009



■ Digestive, 40 Diagnoses	■ Musculoskeletal, 55 Diagnoses
■ Genitourinary, 7 Diagnoses	■ Respiratory, 90 Diagnoses
■ Injury, 72 Diagnoses	■ Unspecified Symptoms, 25 Diagnoses

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

Job Category	Men		Women	
Professional	Respiratory	47	Injury	6
	Injury	30	Respiratory	6
	Musculoskeletal	19	Genitourinary	5
Administrative Support	Musculoskeletal	19	Musculoskeletal	5
	Injury	19	Injury	37
	Respiratory	18	Musculoskeletal	32
Technical Support	Musculoskeletal	17	Respiratory	27
	Injury	15	Musculoskeletal	9
	Musculoskeletal	10	Respiratory	8
Service	Respiratory	9	Injury	4
	Injury	4	Injury	1
	Digestive	3	Respiratory	1
	Musculoskeletal	1	Genitourinary	1
	Infections/Parasites	1	Nervous System	1
	Genitourinary	1		
	Cancer	1		
Security and Fire	Respiratory	5	Musculoskeletal	1
	Digestive	3	Miscarriage	1
	Nervous System	2		
Crafts	Musculoskeletal	8		0
	Respiratory	7		
	Injury	5		
Line Operators		0		0

Rates of Disease Occurrence

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

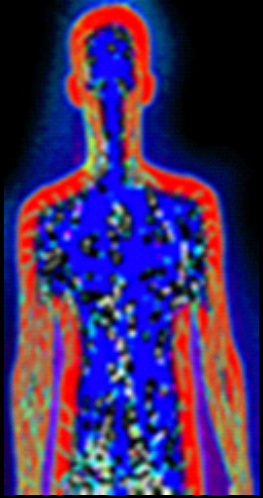
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	54	45
		50+	77	96
	Administrative Support	<50	88	135
		50+	126	185
	Technical Support	<50	101	126
		50+	127	218
	Service	<50	26	0
		50+	119	108
	Security and Fire	<50	42	250
		50+	119	0
	Crafts	<50	163	0
		50+	145	0
	Line Operators	<50	0	0
		50+	0	0

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

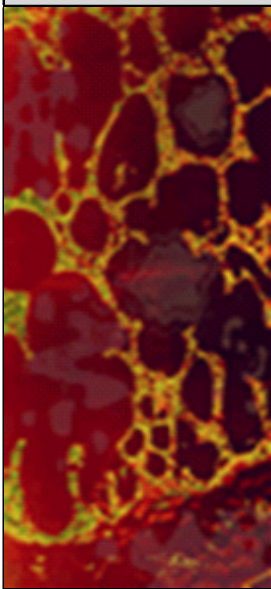
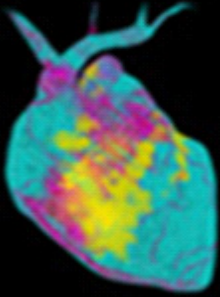
Cancer	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	1	0
	Administrative Support	<50	3	5
		50+	5	11
	Technical Support	<50	0	0
		50+	0	13
	Service	<50	0	0
		50+	12	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	18	0
	Line Operators	<50	0	0
		50+	0	0

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	3	0
		50+	7	5
	Administrative Support	<50	6	2
		50+	14	4
	Technical Support	<50	0	0
		50+	20	13
	Service	<50	0	0
		50+	0	0
	Security and Fire	<50	5	0
		50+	0	0
	Crafts	<50	19	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0

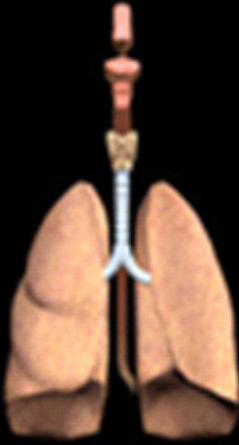

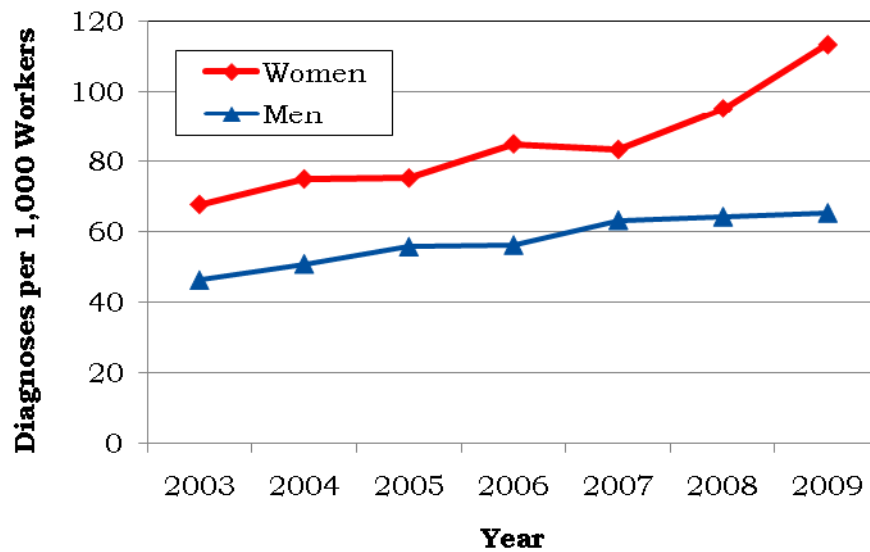
Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	19	10
		50+	19	14
	Administrative Support	<50	24	20
		50+	18	30
	Technical Support	<50	22	19
		50+	12	77
	Service	<50	0	0
		50+	48	27
	Security and Fire	<50	10	0
		50+	71	0
	Crafts	<50	38	0
		50+	27	0
	Line Operators	<50	0	0
		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	15	7
		50+	10	19
	Administrative Support	<50	18	23
		50+	23	44
	Technical Support	<50	29	29
		50+	29	13
	Service	<50	26	0
		50+	12	27
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	38	0
		50+	9	0
	Line Operators	<50	0	0
		50+	0	0

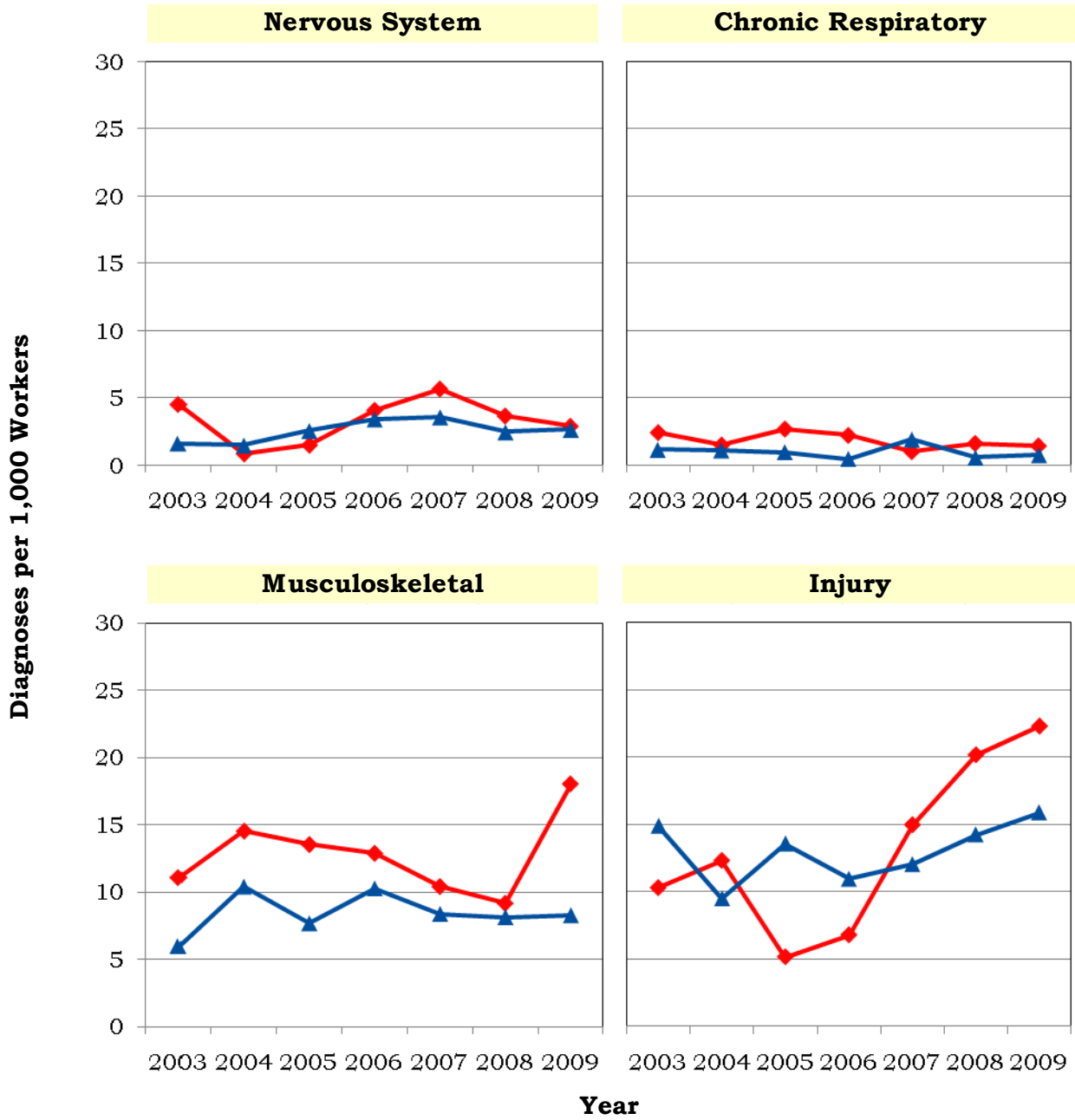
Time Trends

Figure 13. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men from 2003 to 2009*



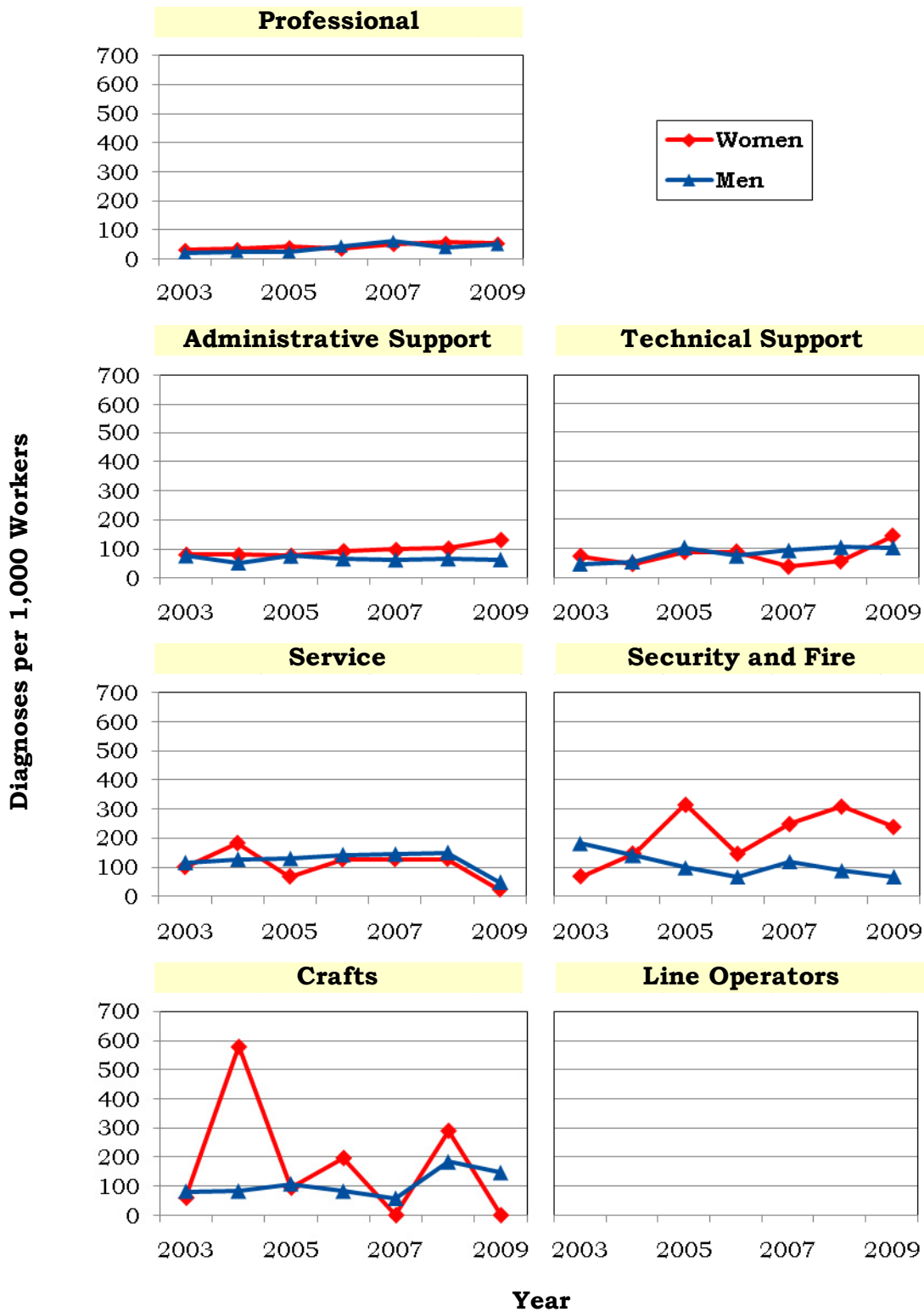
*Standardized to age distribution of 2000 U.S. population.

Figure 14. Age-Adjusted Rates for Selected Diagnostic Categories Among Women and Men from 2003 to 2009*



*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 2009*



*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	0	0	0
Possible	5	0	105	0
Total	5	0	105	0

Figure 17. SHEO Diagnoses by Gender

Diagnoses	Gender	
	Women	Men
Carpal Tunnel Syndrome	0	4
Other Conditions	0	1

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 18. OSHA-Recordable Events by Gender and Age

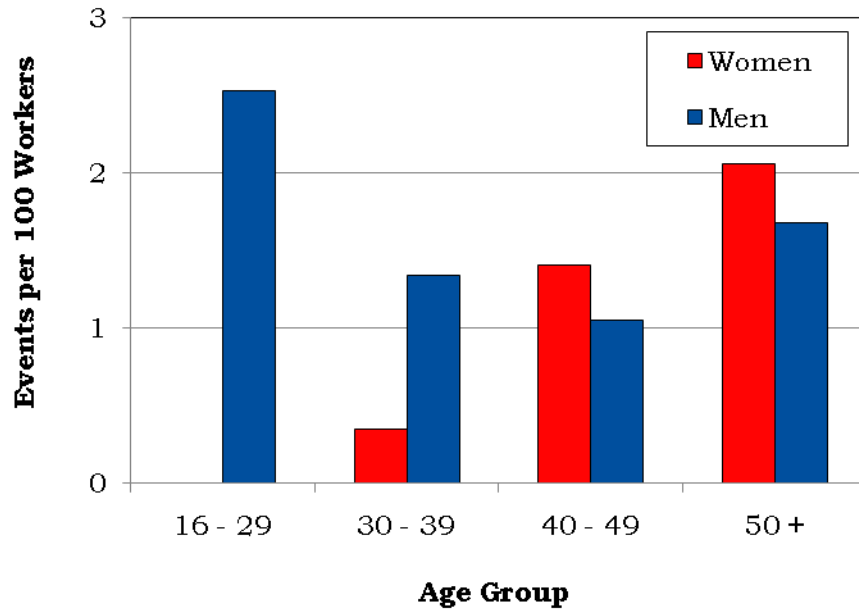
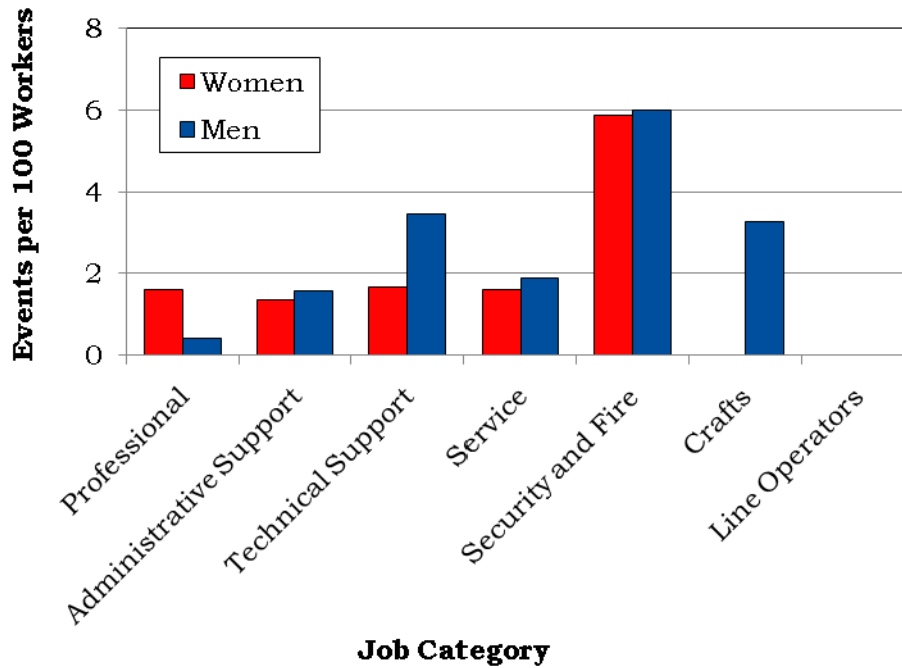


Figure 19. OSHA-Recordable Events by Job Category and Gender



Diagnostic and Accident Categories for OSHA-Recordable Events

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

Diagnostic Category	Gender	
	Women	Men
Musculoskeletal	20	40
Nervous System	1	13
Respiratory	1	3
Unspecified Symptoms	2	4
Injury	25	48
Fractures - Lower Limb	2	0
Back Sprains & Strains	3	10
Other Sprains & Strains	3	15
Intracranial Injuries	0	1
Open Wounds - Head, Neck, Trunk	1	3
Open Wounds - Upper Limb	0	6
Open Wounds - Lower Limb	0	1
Superficial Injuries	2	1
Bruises	2	5
Unspecified Injuries	11	4
Adverse Reactions to Non-Medical Substances	1	2

Figure 21. OSHA-Recordable Accidents by Type and Gender

Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Motor Vehicle Nontraffic	0	1
Non Motor Vehicle	1	3
Poisoning - Non-Medicinal	1	1
Falls	3	4
Natural/Environmental Factors	2	1
Other Accidents	21	46
Struck by an Object	1	5
Caught Between Objects	0	3
Cutting/Piercing Instrument/Object	0	4
Overexertion/Strenuous Movements	20	32
Noise	0	2
Total	28	56

Rates of OSHA-Recordable Events

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

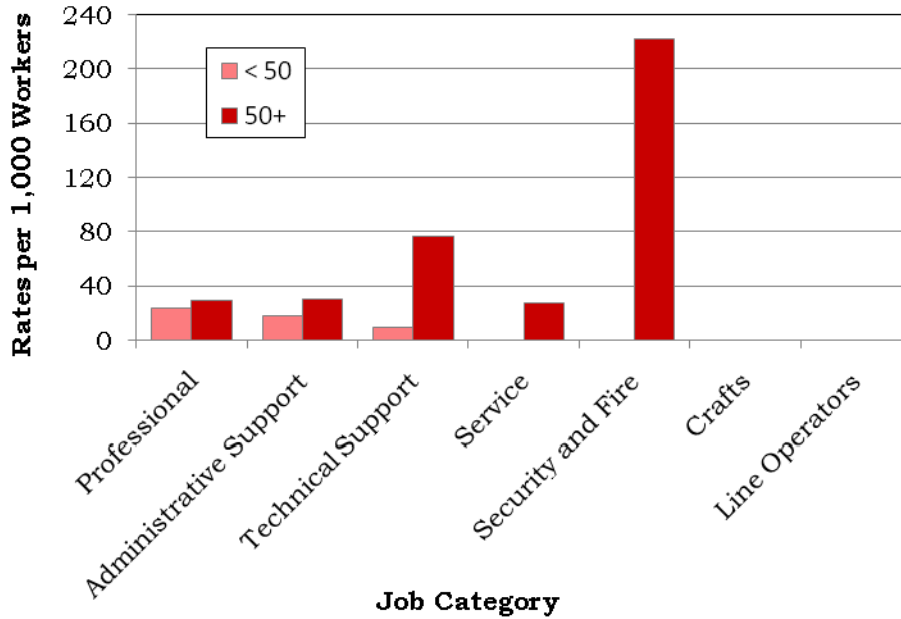
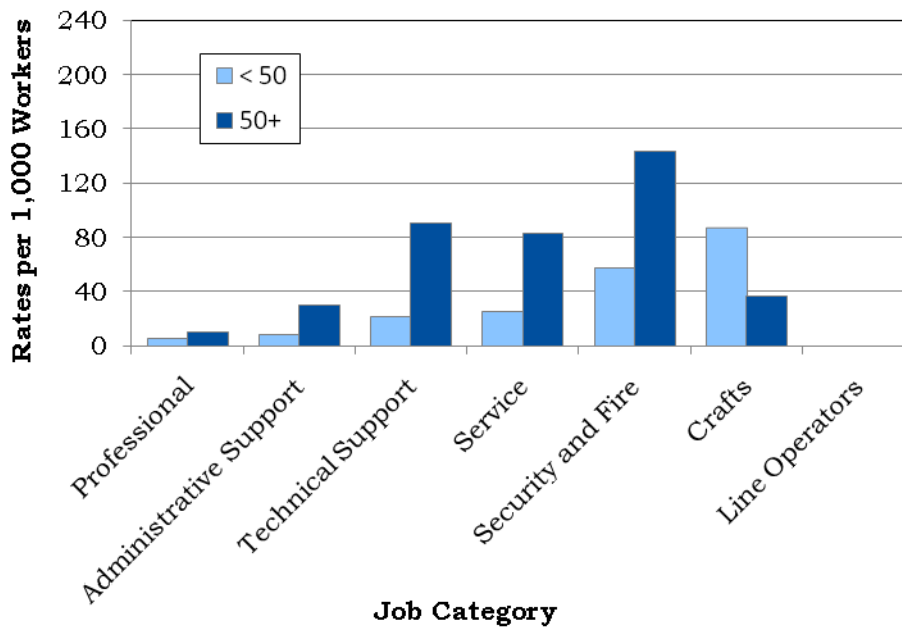
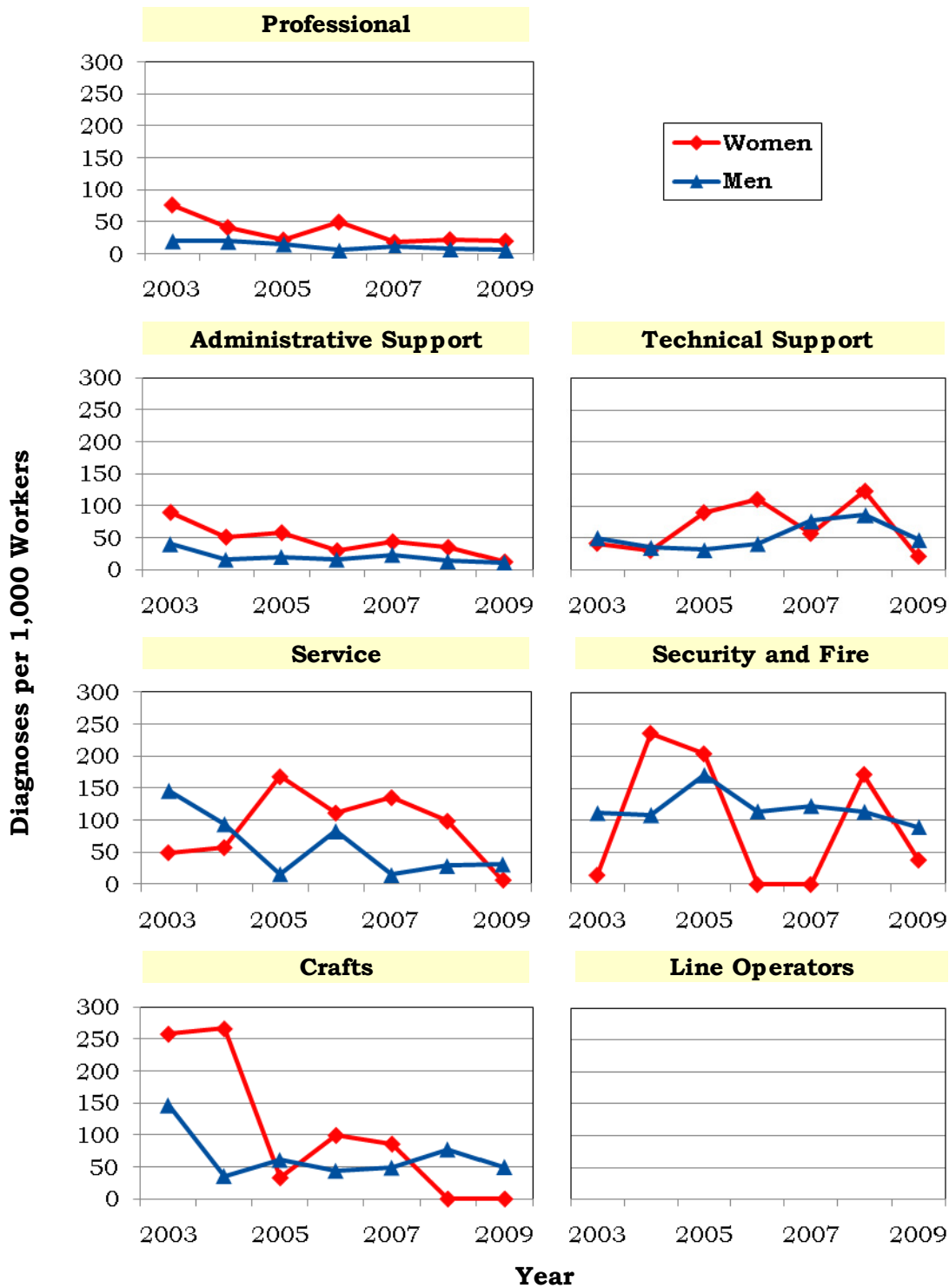


Figure 23. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined



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 2009*



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

Appendices

Lawrence Livermore National Laboratory 2009
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	17	94	179	208	498	75	385	630	1,336	2,426	2,924
Administrative Support	28	142	392	540	1,102	14	81	236	565	896	1,998
Technical Support	11	42	50	78	181	26	78	172	245	521	702
Service	1	7	18	37	63	3	25	48	84	160	223
Security and Fire	2	4	2	9	17	34	87	70	42	233	250
Crafts	0	1	3	1	5	6	18	80	110	214	219
TOTAL	59	290	644	873	1,866	158	674	1,236	2,382	4,450	6,316

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

Lawrence Livermore National Laboratory 2009

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	2	8	16	27	1	16	34	83	134	161
Administrative Support	2	8	47	72	129	0	2	22	57	81	210
Technical Support	1	5	5	15	26	2	7	16	25	50	76
Service	0	0	0	4	4	0	1	0	9	10	14
Security and Fire	1	0	1	0	2	1	4	3	5	13	15
Crafts	0	0	0	0	0	0	3	9	14	26	26
TOTAL	5	15	61	107	188	4	33	84	193	314	502

*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	2	8	16	27	1	16	34	92	143	170
Administrative Support	3	9	55	85	152	0	2	23	61	86	238
Technical Support	1	5	5	17	28	2	7	16	28	53	81
Service	0	0	0	4	4	0	1	0	10	11	15
Security and Fire	1	0	1	0	2	1	4	3	5	13	15
Crafts	0	0	0	0	0	0	3	10	16	29	29
TOTAL	6	16	69	122	213	4	33	86	212	335	548

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

Lawrence Livermore National Laboratory 2009

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	4	11	29	67	111	3	23	54	121	201	312
15 - 28	1	2	15	20	38	0	8	17	50	75	113
29 - 42	1	2	7	7	17	0	0	2	14	16	33
43 - 56	0	0	7	6	13	1	0	4	7	12	25
57 - 91	0	1	9	11	21	0	0	8	11	19	40
92 - 182	0	0	2	7	9	0	2	0	7	9	18
183 +	0	0	0	4	4	0	0	1	2	3	7
TOTAL	6	16	69	122	213	4	33	86	212	335	548

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

Lawrence Livermore National Laboratory 2009

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	17	75	15	3	1	0	111
15 - 28	7	27	3	1	0	0	38
29 - 42	1	12	3	0	1	0	17
43 - 56	1	8	4	0	0	0	13
57 - 91	0	20	1	0	0	0	21
92 - 182	1	6	2	0	0	0	9
183 +	0	4	0	0	0	0	4
TOTAL	27	152	28	4	2	0	213

Men

Number of Calendar Days	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
< 15	87	52	35	6	6	15	201
15 - 28	37	20	6	3	5	4	75
29 - 42	6	6	2	1	1	0	16
43 - 56	3	4	0	0	1	4	12
57 - 91	9	1	7	0	0	2	19
92 - 182	1	2	2	1	0	3	9
183 +	0	1	1	0	0	1	3
TOTAL	143	86	53	11	13	29	335

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

Lawrence Livermore National Laboratory 2009

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	5	2	7
-Intestinal Infectious Dis	001-009	0	0	0	0	0
-Other Bacterial Dis	030-041	0	0	1	0	1
-Polio & Other Viral CNS Dis	045-049	0	0	1	0	1
-Viral Dis with Exanthem	050-059	0	0	0	0	0
-Other Viral Dis & Chlamydiae	070-079	0	0	3	1	4
-Late Effects	137-139	0	0	0	1	1
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	3	7	10
-Digestive & Peritoneal	150-159	0	0	0	0	0
-Respiratory & Intrathoracic	160-165	0	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	2	2
-Breast	174-175	0	0	2	4	6
-Genitourinary	179-189	0	0	0	0	0
-Endocrine	193-194, 209.0-209.3	0	0	1	0	1
-Other & Unspecified Sites	195-199, 209.7	0	0	0	0	0
-Lymphatic & Hematopoietic	200-208	0	0	0	1	1
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	1	8	2	11
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	2	3	5
-Thyroid Gland Disorders	240-246	0	0	1	2	3
-Other Endocrine Gland Dis	249-259	0	0	0	0	0
-Other Metabolic & Immunity Disorders	270-279	0	0	1	1	2
MENTAL DISORDERS	290-319	1	0	0	3	4
-Non-Psychotic Disorders	300-302, 306-316	1	0	0	2	3
-Drug Dependence	304-305	0	0	0	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	4	4	8
-Organic Sleep Disorders	327	0	0	0	0	0
-Other Disorders of Central NS	340-349	0	0	2	0	2
-Disorders of Peripheral NS	350-359	0	0	1	1	2
-Disorders of Eye	360-379	0	0	1	2	3
-Diseases of Ear & Mastoid	380-389	0	0	0	1	1
CIRCULATORY SYSTEM	390-459	0	0	1	4	5
-Hypertensive Dis	401-405	0	0	0	0	0
-Ischemic Heart Dis	410-414	0	0	0	0	0
-Other Heart Dis	420-429	0	0	0	0	0

(Continued)

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

Lawrence Livermore National Laboratory 2009

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	0	0	4	12	16	23
-Intestinal Infectious Dis	001-009	0	0	0	2	2	2
-Other Bacterial Dis	030-041	0	0	0	1	1	2
-Polio & Other Viral CNS Dis	045-049	0	0	0	1	1	2
-Viral Dis with Exanthem	050-059	0	0	1	2	3	3
-Other Viral Dis & Chlamydiae	070-079	0	0	3	6	9	13
-Late Effects	137-139	0	0	0	0	0	1
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	1	7	8	18
-Digestive & Peritoneal	150-159	0	0	0	1	1	1
-Respiratory & Intrathoracic	160-165	0	0	0	1	1	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	1	1	3
-Breast	174-175	0	0	0	0	0	6
-Genitourinary	179-189	0	0	1	2	3	3
-Endocrine	193-194, 209.0-209.3	0	0	0	0	0	1
-Other & Unspecified Sites	195-199, 209.7	0	0	0	1	1	1
-Lymphatic & Hematopoietic	200-208	0	0	0	1	1	2
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	1	2	3	14
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	1	1	7	9	14
-Thyroid Gland Disorders	240-246	0	0	1	0	1	4
-Other Endocrine Gland Dis	249-259	0	0	0	1	1	1
-Other Metabolic & Immunity Disorders	270-279	0	1	0	6	7	9
MENTAL DISORDERS	290-319	0	0	1	1	2	6
-Non-Psychotic Disorders	300-302, 306-316	0	0	1	1	2	5
-Drug Dependence	304-305	0	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	2	1	17	20	28
-Organic Sleep Disorders	327	0	1	0	0	1	1
-Other Disorders of Central NS	340-349	0	0	0	1	1	3
-Disorders of Peripheral NS	350-359	0	0	0	6	6	8
-Disorders of Eye	360-379	0	1	0	9	10	13
-Diseases of Ear & Mastoid	380-389	0	0	1	1	2	3
CIRCULATORY SYSTEM	390-459	0	2	6	22	30	35
-Hypertensive Dis	401-405	0	0	1	1	2	2
-Ischemic Heart Dis	410-414	0	1	3	6	10	10
-Other Heart Dis	420-429	0	1	2	8	11	11

(Continued)

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

Lawrence Livermore National Laboratory 2009

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	1	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	4	4
RESPIRATORY SYSTEM	460-519	1	2	13	26	42
-Acute Respiratory Infections	460-466	0	1	5	8	14
-Other Dis Upper Respiratory Tract	470-478	0	0	0	1	1
-Pneumonia & Influenza	480-488	1	1	6	13	21
-Chronic Obstructive Dis	490-496	0	0	2	3	5
-Lung Dis from External Agents	500-508	0	0	0	1	1
DIGESTIVE SYSTEM	520-579	1	4	3	9	17
-Oral Cavity, Saliva Glands, Jaw	520-529	0	1	0	1	2
-Esophagus, Stomach, Duodenum	530-538	0	0	1	1	2
-Appendicitis	540-543	0	0	0	0	0
-Hernias	550-553	0	2	1	1	4
-Enteritis, Colitis	555-558	0	0	0	0	0
-Other Intestinal Dis	560-569	0	0	0	2	2
-Other Digestive Dis	570-579	1	1	1	4	7
GENTOURINARY SYSTEM	580-629	0	1	12	14	27
-Nephritis, Nephrosis	580-589	0	0	0	3	3
-Other Urinary Dis	590-599	0	0	2	2	4
-Male Genital Organ Dis	600-608	0	0	0	0	0
-Breast Disorders	610-612	0	0	1	3	4
-Other Female Disorders	617-629	0	1	9	6	16
PREGNANCY & CHILDBIRTH	630-679	2	1	0	0	3
-Pregnancy with Abortive Outcome	634-639	2	1	0	0	3
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	5	12	30	47
-Arthropathies	710-719	0	2	3	10	15
-Dorsopathies	720-724	0	2	3	5	10
-Rheumatism, Excluding Back	725-729	0	1	6	13	20
-Other Dis & Acquired Deformities	730-739	0	0	0	2	2
CONGENITAL ANOMALIES	740-759	0	0	0	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	4	5	9
-Symptoms	780-789	0	0	4	5	9

(Continued)

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

Lawrence Livermore National Laboratory 2009

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						
-Cerebrovascular Dis	430-438	0	0	0	1	1	2
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	6	6	10
RESPIRATORY SYSTEM	460-519	1	15	25	49	90	132
-Acute Respiratory Infections	460-466	0	6	10	18	34	48
-Other Dis Upper Respiratory Tract	470-478	0	3	2	5	10	11
-Pneumonia & Influenza	480-488	1	6	12	21	40	61
-Chronic Obstructive Dis	490-496	0	0	1	5	6	11
-Lung Dis from External Agents	500-508	0	0	0	0	0	1
DIGESTIVE SYSTEM	520-579	1	1	16	22	40	57
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	2	1	3	5
-Esophagus, Stomach, Duodenum	530-538	0	0	1	1	2	4
-Appendicitis	540-543	0	1	1	0	2	2
-Hernias	550-553	0	0	6	10	16	20
-Enteritis, Colitis	555-558	0	0	2	0	2	2
-Other Intestinal Dis	560-569	1	0	2	2	5	7
-Other Digestive Dis	570-579	0	0	2	8	10	17
GENITOURINARY SYSTEM	580-629	0	1	1	5	7	34
-Nephritis, Nephrosis	580-589	0	0	0	0	0	3
-Other Urinary Dis	590-599	0	1	0	3	4	8
-Male Genital Organ Dis	600-608	0	0	1	2	3	3
-Breast Disorders	610-612	0	0	0	0	0	4
-Other Female Disorders	617-629	0	0	0	0	0	16
PREGNANCY & CHILDBIRTH	630-679	0	0	0	0	0	3
-Pregnancy with Abortive Outcome	634-639	0	0	0	0	0	3
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	1	0	0	1	3
-Infections	680-686	0	1	0	0	1	2
-Other	700-709	0	0	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	4	15	36	55	102
-Arthropathies	710-719	0	1	4	13	18	33
-Dorsopathies	720-724	0	1	8	14	23	33
-Rheumatism, Excluding Back	725-729	0	2	3	8	13	33
-Other Dis & Acquired Deformities	730-739	0	0	0	1	1	3
CONGENITAL ANOMALIES	740-759	0	0	0	1	1	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	6	19	25	34
-Symptoms	780-789	0	0	5	16	21	30

(Continued)

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

Lawrence Livermore National Laboratory 2009

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					
-Non-Specific Abnormal Findings	790-796	0	0	0	0	0
-Ill-Defined & Unknown Causes	797-799	0	0	0	0	0
INJURY & POISONING	800-999	1	4	13	30	48
-Fracture - Neck, Trunk	805-809	0	0	0	2	2
-Fracture - Upper Limb	810-819	0	0	0	4	4
-Fracture - Lower Limb	820-829	1	0	3	5	9
-Dislocation	830-839	0	1	1	7	9
-Sprains & Strains - Back	846-847	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	3	4	10	17
-Intracranial Injury	850-854	0	0	1	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0
-Contusion	920-924	0	0	1	0	1
-Complications & Unspecified Injuries	958-959	0	0	1	0	1
-Unspecified Effects - External Causes	990-995	0	0	1	2	3
-Complications of Surgical/Medical Care	996-999	0	0	1	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	0	1	2	5	8
-Communicable Dis	V01-V06	0	0	0	0	0
-Personal & Family History	V10-V19	0	0	0	1	1
-Health Services Reproduction/Development	V20-V29	0	0	0	0	0
-Specific Procedures/Aftercare	V50-V59	0	1	1	4	6
-Examination & Investigation	V70-V82	0	0	0	0	0
-Body Mass Index	V85	0	0	1	0	1

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

Lawrence Livermore National Laboratory 2009

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						
-Non-Specific Abnormal Findings	790-796	0	0	0	3	3	3
-Ill-Defined & Unknown Causes	797-799	0	0	1	0	1	1
INJURY & POISONING	800-999	2	14	20	36	72	120
-Fracture - Neck, Trunk	805-809	0	0	0	1	1	3
-Fracture - Upper Limb	810-819	1	1	3	4	9	13
-Fracture - Lower Limb	820-829	0	1	1	4	6	15
-Dislocation	830-839	0	2	4	5	11	20
-Sprains & Strains - Back	846-847	0	0	0	1	1	1
-Sprains & Strains - Other	840-845, 848	1	7	9	16	33	50
-Intracranial Injury	850-854	0	0	1	0	1	2
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1	1	1
-Open Wound - Upper Limb	880-887	0	0	1	0	1	1
-Contusion	920-924	0	0	1	1	2	3
-Complications & Unspecified Injuries	958-959	0	3	0	2	5	6
-Unspecified Effects - External Causes	990-995	0	0	0	1	1	4
-Complications of Surgical/Medical Care	996-999	0	0	0	0	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	0	1	0	4	5	13
-Communicable Dis	V01-V06	0	0	0	1	1	1
-Personal & Family History	V10-V19	0	0	0	0	0	1
-Health Services Reproduction/Development	V20-V29	0	1	0	0	1	1
-Specific Procedures/Aftercare	V50-V59	0	0	0	0	0	6
-Examination & Investigation	V70-V82	0	0	0	3	3	3
-Body Mass Index	V85	0	0	0	0	0	1

	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	6	19	82	146	253	4	42	98	240	384	637

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

Lawrence Livermore National Laboratory 2009

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	130	29	159
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	33	131	164
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	11	387	69	467
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	46	61	107
MENTAL DISORDERS	290-319	41	0	0	135	176
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	69	123	192
CIRCULATORY SYSTEM	390-459	0	0	26	23	49
RESPIRATORY SYSTEM	460-519	19	11	80	295	405
DIGESTIVE SYSTEM	520-579	13	100	232	148	493
GENITOURINARY SYSTEM	580-629	0	6	293	312	611
PREGNANCY & CHILDBIRTH	630-679	8	6	0	0	14
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0	17	17
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	58	470	1,554	2,082
CONGENITAL ANOMALIES	740-759	0	0	0	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	34	44	78
INJURY & POISONING	800-999	5	59	266	1,582	1,912

*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.

Lawrence Livermore National Laboratory 2009

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	0	0	29	217	246	405
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	2	298	300	464
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	3	79	82	549
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	19	60	153	232	339
MENTAL DISORDERS	290-319	0	0	18	27	45	221
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	26	7	341	374	566
CIRCULATORY SYSTEM	390-459	0	25	204	310	539	588
RESPIRATORY SYSTEM	460-519	5	140	202	509	856	1,261
DIGESTIVE SYSTEM	520-579	45	1	244	405	695	1,188
GENITOURINARY SYSTEM	580-629	0	13	46	73	132	743
PREGNANCY & CHILDBIRTH	630-679	0	0	0	0	0	14
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	20	0	0	20	37
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	30	201	1,503	1,734	3,816
CONGENITAL ANOMALIES	740-759	0	0	0	166	166	166
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	108	262	370	448
INJURY & POISONING	800-999	9	363	656	783	1,811	3,723

*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.

Lawrence Livermore National Laboratory 2009

Absence Data

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

		Women				
		Job Category				
		Professional	Administrative Support	Technical Support	Service	Security and Fire
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	7	0	0	0
-Other Bacterial Dis	030-041	0	1	0	0	0
-Polio & Other Viral CNS Dis	045-049	0	1	0	0	0
-Other Viral Dis & Chlamydiae	070-079	0	4	0	0	0
-Late Effects	137-139	0	1	0	0	0
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	9	1	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	2	0	0	0
-Breast	174-175	0	5	1	0	0
-Endocrine	193-194, 209.0-209.3	0	1	0	0	0
-Lymphatic & Hematopoietic	200-208	0	1	0	0	0
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	3	6	2	0	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	1	4	0	0	0
-Thyroid Gland Disorders	240-246	1	2	0	0	0
-Other Metabolic & Immunity Disorders	270-279	0	2	0	0	0
MENTAL DISORDERS	290-319	0	3	1	0	0
-Non-Psychotic Disorders	300-302, 306-316	0	3	0	0	0
-Drug Dependence	304-305	0	0	1	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	6	0	1	0
-Other Disorders of Central NS	340-349	0	2	0	0	0
-Disorders of Peripheral NS	350-359	0	2	0	0	0
-Disorders of Eye	360-379	1	2	0	0	0
-Diseases of Ear & Mastoid	380-389	0	0	0	1	0
CIRCULATORY SYSTEM	390-459	1	3	1	0	0
-Cerebrovascular Dis	430-438	0	1	0	0	0
-Dis of Veins, Lymphatics, Other	451-459	1	2	1	0	0
RESPIRATORY SYSTEM	460-519	6	27	8	1	0
-Acute Respiratory Infections	460-466	1	12	0	1	0
-Other Dis Upper Respiratory Tract	470-478	0	1	0	0	0
-Pneumonia & Influenza	480-488	4	10	7	0	0
-Chronic Obstructive Dis	490-496	1	3	1	0	0
-Lung Dis from External Agents	500-508	0	1	0	0	0
DIGESTIVE SYSTEM	520-579	2	12	3	0	0
-Oral Cavity, Saliva Glands, Jaw	520-529	1	1	0	0	0

(Continued)

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

Lawrence Livermore National Laboratory 2009

Absence Data

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

		Women
		TOTAL
Diagnostic Category	ICD-9-CM Code	
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	7
-Other Bacterial Dis	030-041	1
-Polio & Other Viral CNS Dis	045-049	1
-Other Viral Dis & Chlamydiae	070-079	4
-Late Effects	137-139	1
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	10
-Bone, Connective Tissue, Skin	170-173, 176	2
-Breast	174-175	6
-Endocrine	193-194, 209.0-209.3	1
-Lymphatic & Hematopoietic	200-208	1
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	11
ENDOCRINE/METABOLIC/IMMUNITY	240-279	5
-Thyroid Gland Disorders	240-246	3
-Other Metabolic & Immunity Disorders	270-279	2
MENTAL DISORDERS	290-319	4
-Non-Psychotic Disorders	300-302, 306-316	3
-Drug Dependence	304-305	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	8
-Other Disorders of Central NS	340-349	2
-Disorders of Peripheral NS	350-359	2
-Disorders of Eye	360-379	3
-Diseases of Ear & Mastoid	380-389	1
CIRCULATORY SYSTEM	390-459	5
-Cerebrovascular Dis	430-438	1
-Dis of Veins, Lymphatics, Other	451-459	4
RESPIRATORY SYSTEM	460-519	42
-Acute Respiratory Infections	460-466	14
-Other Dis Upper Respiratory Tract	470-478	1
-Pneumonia & Influenza	480-488	21
-Chronic Obstructive Dis	490-496	5
-Lung Dis from External Agents	500-508	1
DIGESTIVE SYSTEM	520-579	17
-Oral Cavity, Saliva Glands, Jaw	520-529	2

(Continued)

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

Lawrence Livermore National Laboratory 2009

Absence Data

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

		Women				
		Job Category				
		Professional	Administrative Support	Technical Support	Service	Security and Fire
Diagnostic Category	ICD-9-CM Code					
-Esophagus, Stomach, Duodenum	530-538	0	2	0	0	0
-Hernias	550-553	1	2	1	0	0
-Other Intestinal Dis	560-569	0	1	1	0	0
-Other Digestive Dis	570-579	0	6	1	0	0
GENITOURINARY SYSTEM	580-629	5	20	1	1	0
-Nephritis, Nephrosis	580-589	0	3	0	0	0
-Other Urinary Dis	590-599	0	3	0	1	0
-Breast Disorders	610-612	0	4	0	0	0
-Other Female Disorders	617-629	5	10	1	0	0
PREGNANCY & CHILDBIRTH	630-679	0	2	0	0	1
-Pregnancy with Abortive Outcome	634-639	0	2	0	0	1
SKIN AND SUBCUTANEOUS TISSUE	680-709	1	1	0	0	0
-Infections	680-686	1	0	0	0	0
-Other	700-709	0	1	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	5	32	9	0	1
-Arthropathies	710-719	2	10	3	0	0
-Dorsopathies	720-724	1	7	2	0	0
-Rheumatism, Excluding Back	725-729	2	13	4	0	1
-Other Dis & Acquired Deformities	730-739	0	2	0	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	2	7	0	0	0
-Symptoms	780-789	2	7	0	0	0
INJURY & POISONING	800-999	6	37	4	1	0
-Fracture - Neck, Trunk	805-809	0	2	0	0	0
-Fracture - Upper Limb	810-819	0	3	1	0	0
-Fracture - Lower Limb	820-829	3	5	1	0	0
-Dislocation	830-839	1	7	1	0	0
-Sprains & Strains - Other	840-845, 848	2	13	1	1	0
-Intracranial Injury	850-854	0	1	0	0	0
-Contusion	920-924	0	1	0	0	0
-Complications & Unspecified Injuries	958-959	0	1	0	0	0
-Unspecified Effects - External Causes	990-995	0	3	0	0	0
-Complications of Surgical/Medical Care	996-999	0	1	0	0	0
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	0	6	2	0	0
-Personal & Family History	V10-V19	0	1	0	0	0

(Continued)

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

Lawrence Livermore National Laboratory 2009

Absence Data

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

		Women
		TOTAL
Diagnostic Category	ICD-9-CM Code	
-Esophagus, Stomach, Duodenum	530-538	2
-Hernias	550-553	4
-Other Intestinal Dis	560-569	2
-Other Digestive Dis	570-579	7
GENTOURINARY SYSTEM	580-629	27
-Nephritis, Nephrosis	580-589	3
-Other Urinary Dis	590-599	4
-Breast Disorders	610-612	4
-Other Female Disorders	617-629	16
PREGNANCY & CHILDBIRTH	630-679	3
-Pregnancy with Abortive Outcome	634-639	3
SKIN AND SUBCUTANEOUS TISSUE	680-709	2
-Infections	680-686	1
-Other	700-709	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	47
-Arthropathies	710-719	15
-Dorsopathies	720-724	10
-Rheumatism, Excluding Back	725-729	20
-Other Dis & Acquired Deformities	730-739	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	9
-Symptoms	780-789	9
INJURY & POISONING	800-999	48
-Fracture - Neck, Trunk	805-809	2
-Fracture - Upper Limb	810-819	4
-Fracture - Lower Limb	820-829	9
-Dislocation	830-839	9
-Sprains & Strains - Other	840-845, 848	17
-Intracranial Injury	850-854	1
-Contusion	920-924	1
-Complications & Unspecified Injuries	958-959	1
-Unspecified Effects - External Causes	990-995	3
-Complications of Surgical/Medical Care	996-999	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	8
-Personal & Family History	V10-V19	1

(Continued)

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

Lawrence Livermore National Laboratory 2009

Absence Data

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

		Women				
		Job Category				
		Professional	Administrative Support	Technical Support	Service	Security and Fire
Diagnostic Category	ICD-9-CM Code					
-Specific Procedures/Aftercare	V50-V59	0	4	2	0	0
-Body Mass Index	V85	0	1	0	0	0

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

Lawrence Livermore National Laboratory 2009

Absence Data

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

		Women
		TOTAL
Diagnostic Category	ICD-9-CM Code	
-Specific Procedures/Aftercare	V50-V59	6
-Body Mass Index	V85	1

	Women					
	Job Category					TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	
Diagnostic Category						
Total	33	182	32	4	2	253

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

Lawrence Livermore National Laboratory 2009

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	9	3	1
-Intestinal Infectious Dis	001-009	0	0	1
-Other Bacterial Dis	030-041	1	0	0
-Polio & Other Viral CNS Dis	045-049	1	0	0
-Viral Dis with Exanthem	050-059	1	0	0
-Other Viral Dis & Chlamydiae	070-079	6	3	0
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	1	4	0
-Digestive & Peritoneal	150-159	0	0	0
-Respiratory & Intrathoracic	160-165	0	1	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0
-Genitourinary	179-189	1	1	0
-Other & Unspecified Sites	195-199, 209.7	0	1	0
-Lymphatic & Hematopoietic	200-208	0	1	0
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	1	1	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	5	2	1
-Thyroid Gland Disorders	240-246	0	0	1
-Other Endocrine Gland Dis	249-259	1	0	0
-Other Metabolic & Immunity Disorders	270-279	4	2	0
MENTAL DISORDERS	290-319	1	0	0
-Non-Psychotic Disorders	300-302, 306-316	1	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	5	6	5
-Organic Sleep Disorders	327	0	0	0
-Other Disorders of Central NS	340-349	0	1	0
-Disorders of Peripheral NS	350-359	0	4	1
-Disorders of Eye	360-379	5	1	3
-Diseases of Ear & Mastoid	380-389	0	0	1
CIRCULATORY SYSTEM	390-459	12	10	5
-Hypertensive Dis	401-405	1	1	0
-Ischemic Heart Dis	410-414	6	1	1
-Other Heart Dis	420-429	4	3	3
-Cerebrovascular Dis	430-438	0	1	0
-Dis of Veins, Lymphatics, Other	451-459	1	4	1
RESPIRATORY SYSTEM	460-519	47	18	9
-Acute Respiratory Infections	460-466	19	6	2

(Continued)

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

Lawrence Livermore National Laboratory 2009

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	0	2	16
-Intestinal Infectious Dis	001-009	0	0	1	2
-Other Bacterial Dis	030-041	0	0	0	1
-Polio & Other Viral CNS Dis	045-049	0	0	0	1
-Viral Dis with Exanthem	050-059	1	0	1	3
-Other Viral Dis & Chlamydiae	070-079	0	0	0	9
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	1	0	2	8
-Digestive & Peritoneal	150-159	0	0	1	1
-Respiratory & Intrathoracic	160-165	0	0	0	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	1	1
-Genitourinary	179-189	1	0	0	3
-Other & Unspecified Sites	195-199, 209.7	0	0	0	1
-Lymphatic & Hematopoietic	200-208	0	0	0	1
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	0	3
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	1	0	9
-Thyroid Gland Disorders	240-246	0	0	0	1
-Other Endocrine Gland Dis	249-259	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	0	1	0	7
MENTAL DISORDERS	290-319	0	0	1	2
-Non-Psychotic Disorders	300-302, 306-316	0	0	1	2
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	2	2	20
-Organic Sleep Disorders	327	0	1	0	1
-Other Disorders of Central NS	340-349	0	0	0	1
-Disorders of Peripheral NS	350-359	0	0	1	6
-Disorders of Eye	360-379	0	1	0	10
-Diseases of Ear & Mastoid	380-389	0	0	1	2
CIRCULATORY SYSTEM	390-459	0	1	2	30
-Hypertensive Dis	401-405	0	0	0	2
-Ischemic Heart Dis	410-414	0	0	2	10
-Other Heart Dis	420-429	0	1	0	11
-Cerebrovascular Dis	430-438	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	6
RESPIRATORY SYSTEM	460-519	4	5	7	90
-Acute Respiratory Infections	460-466	2	3	2	34

(Continued)

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

Lawrence Livermore National Laboratory 2009

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			
-Other Dis Upper Respiratory Tract	470-478	5	2	1
-Pneumonia & Influenza	480-488	22	7	5
-Chronic Obstructive Dis	490-496	1	3	1
DIGESTIVE SYSTEM	520-579	17	9	7
-Oral Cavity, Saliva Glands, Jaw	520-529	1	1	1
-Esophagus, Stomach, Duodenum	530-538	1	1	0
-Appendicitis	540-543	1	1	0
-Hernias	550-553	9	4	1
-Enteritis, Colitis	555-558	0	1	1
-Other Intestinal Dis	560-569	2	1	1
-Other Digestive Dis	570-579	3	0	3
GENTOURINARY SYSTEM	580-629	2	2	2
-Other Urinary Dis	590-599	0	1	2
-Male Genital Organ Dis	600-608	2	1	0
SKIN AND SUBCUTANEOUS TISSUE	680-709	1	0	0
-Infections	680-686	1	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	19	17	10
-Arthropathies	710-719	6	7	4
-Dorsopathies	720-724	5	10	2
-Rheumatism, Excluding Back	725-729	7	0	4
-Other Dis & Acquired Deformities	730-739	1	0	0
CONGENITAL ANOMALIES	740-759	1	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	11	9	3
-Symptoms	780-789	10	8	1
-Non-Specific Abnormal Findings	790-796	0	1	2
-Ill-Defined & Unknown Causes	797-799	1	0	0
INJURY & POISONING	800-999	30	19	15
-Fracture - Neck, Trunk	805-809	0	0	1
-Fracture - Upper Limb	810-819	3	2	2
-Fracture - Lower Limb	820-829	3	1	1
-Dislocation	830-839	4	5	1
-Sprains & Strains - Back	846-847	0	1	0
-Sprains & Strains - Other	840-845, 848	14	7	9
-Intracranial Injury	850-854	1	0	0
-Open Wound - Head, Neck, Trunk	870-879	1	0	0

(Continued)

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

Lawrence Livermore National Laboratory 2009

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				
-Other Dis Upper Respiratory Tract	470-478	0	1	1	10
-Pneumonia & Influenza	480-488	2	0	4	40
-Chronic Obstructive Dis	490-496	0	1	0	6
DIGESTIVE SYSTEM	520-579	1	3	3	40
-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	2
-Hernias	550-553	1	0	1	16
-Enteritis, Colitis	555-558	0	0	0	2
-Other Intestinal Dis	560-569	0	1	0	5
-Other Digestive Dis	570-579	0	2	2	10
GENTOURINARY SYSTEM	580-629	1	0	0	7
-Other Urinary Dis	590-599	1	0	0	4
-Male Genital Organ Dis	600-608	0	0	0	3
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0	1
-Infections	680-686	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	0	8	55
-Arthropathies	710-719	0	0	1	18
-Dorsopathies	720-724	0	0	6	23
-Rheumatism, Excluding Back	725-729	1	0	1	13
-Other Dis & Acquired Deformities	730-739	0	0	0	1
CONGENITAL ANOMALIES	740-759	0	0	0	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	1	1	25
-Symptoms	780-789	0	1	1	21
-Non-Specific Abnormal Findings	790-796	0	0	0	3
-Ill-Defined & Unknown Causes	797-799	0	0	0	1
INJURY & POISONING	800-999	3	0	5	72
-Fracture - Neck, Trunk	805-809	0	0	0	1
-Fracture - Upper Limb	810-819	0	0	2	9
-Fracture - Lower Limb	820-829	0	0	1	6
-Dislocation	830-839	1	0	0	11
-Sprains & Strains - Back	846-847	0	0	0	1
-Sprains & Strains - Other	840-845, 848	2	0	1	33
-Intracranial Injury	850-854	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1

(Continued)

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

Lawrence Livermore National Laboratory 2009

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			
-Open Wound - Upper Limb	880-887	1	0	0
-Contusion	920-924	1	1	0
-Complications & Unspecified Injuries	958-959	1	2	1
-Unspecified Effects - External Causes	990-995	1	0	0
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	3	1	0
-Communicable Dis	V01-V06	1	0	0
-Health Services Reproduction/Development	V20-V29	1	0	0
-Examination & Investigation	V70-V82	1	1	0

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

Lawrence Livermore National Laboratory 2009

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				
-Open Wound - Upper Limb	880-887	0	0	0	1
-Contusion	920-924	0	0	0	2
-Complications & Unspecified Injuries	958-959	0	0	1	5
-Unspecified Effects - External Causes	990-995	0	0	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	0	0	1	5
-Communicable Dis	V01-V06	0	0	0	1
-Health Services Reproduction/Development	V20-V29	0	0	0	1
-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	165	101	59	12	13	34	384

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

Lawrence Livermore National Laboratory 2009

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	Service	Security and Fire
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	159	0	0	0
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	119	45	0	0
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	77	332	58	0	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	25	82	0	0	0
MENTAL DISORDERS	290-319	0	136	40	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	8	164	0	20	0
CIRCULATORY SYSTEM	390-459	4	39	6	0	0
RESPIRATORY SYSTEM	460-519	47	194	156	8	0
DIGESTIVE SYSTEM	520-579	56	348	89	0	0
GENTOURINARY SYSTEM	580-629	58	506	42	5	0
PREGNANCY & CHILDBIRTH	630-679	0	10	0	0	4
SKIN AND SUBCUTANEOUS TISSUE	680-709	6	11	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	149	1,709	191	0	33
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	16	62	0	0	0
INJURY & POISONING	800-999	171	1,620	120	1	0

*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.

Lawrence Livermore National Laboratory 2009

Absence Data

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

		Women
		TOTAL
Diagnostic Category	ICD-9-CM Code	
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	159
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	164
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	467
ENDOCRINE/METABOLIC/IMMUNITY	240-279	107
MENTAL DISORDERS	290-319	176
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	192
CIRCULATORY SYSTEM	390-459	49
RESPIRATORY SYSTEM	460-519	405
DIGESTIVE SYSTEM	520-579	493
GENTOURINARY SYSTEM	580-629	611
PREGNANCY & CHILDBIRTH	630-679	14
SKIN AND SUBCUTANEOUS TISSUE	680-709	17
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	2,082
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	78
INJURY & POISONING	800-999	1,912

*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.

Lawrence Livermore National Laboratory 2009

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	174	20	8
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	9	35	0
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	69	10	3
ENDOCRINE/METABOLIC/IMMUNITY	240-279	137	16	60
MENTAL DISORDERS	290-319	18	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	87	141	66
CIRCULATORY SYSTEM	390-459	225	116	77
RESPIRATORY SYSTEM	460-519	447	173	62
DIGESTIVE SYSTEM	520-579	252	163	91
GENTOURINARY SYSTEM	580-629	47	52	26
SKIN AND SUBCUTANEOUS TISSUE	680-709	20	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	351	730	313
CONGENITAL ANOMALIES	740-759	166	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	161	158	7
INJURY & POISONING	800-999	576	306	614

*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.

Lawrence Livermore National Laboratory 2009

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	0	33	246
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	30	0	226	300
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	0	82
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	19	0	232
MENTAL DISORDERS	290-319	0	0	27	45
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	26	54	374
CIRCULATORY SYSTEM	390-459	0	6	115	539
RESPIRATORY SYSTEM	460-519	49	53	72	856
DIGESTIVE SYSTEM	520-579	10	79	100	695
GENTOURINARY SYSTEM	580-629	7	0	0	132
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0	20
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	17	0	323	1,734
CONGENITAL ANOMALIES	740-759	0	0	0	166
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	36	8	370
INJURY & POISONING	800-999	123	0	192	1,811

*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.

Lawrence Livermore National Laboratory 2009

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	16	1.9	1.2	3.2
-Intestinal Infectious Dis	001-009	2	0.2	0.0	0.8
-Other Bacterial Dis	030-041	1	0.1	0.0	0.7
-Polio & Other Viral CNS Dis	045-049	1	0.1	0.0	0.7
-Viral Dis with Exanthem	050-059	3	0.4	0.1	1.3
-Other Viral Dis & Chlamydiae	070-079	9	1.2	0.6	2.3
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	8	1.1	0.5	2.2
-Digestive & Peritoneal	150-159	1	0.1	0.0	0.7
-Respiratory & Intrathoracic	160-165	1	0.2	0.0	1.1
-Bone, Connective Tissue, Skin	170-173, 176	1	0.2	0.0	1.1
-Genitourinary	179-189	3	0.4	0.1	1.4
-Other & Unspecified Sites	195-199, 209.7	1	0.2	0.0	1.1
-Lymphatic & Hematopoietic	200-208	1	0.1	0.0	0.7
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	3	0.4	0.1	1.3
ENDOCRINE/METABOLIC/IMMUNITY	240-279	9	1.4	0.7	2.9
-Thyroid Gland Disorders	240-246	1	0.2	0.0	1.3
-Other Endocrine Gland Dis	249-259	1	0.2	0.0	1.1
-Other Metabolic & Immunity Disorders	270-279	7	1.0	0.4	2.5
MENTAL DISORDERS	290-319	2	0.3	0.1	1.2
-Non-Psychotic Disorders	300-302, 306-316	2	0.3	0.1	1.2
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	20	2.7	1.6	4.4
-Organic Sleep Disorders	327	1	0.4	0.0	2.5
-Other Disorders of Central NS	340-349	1	0.1	0.0	0.7
-Disorders of Peripheral NS	350-359	6	0.6	0.3	1.5
-Disorders of Eye	360-379	10	1.3	0.6	2.7
-Diseases of Ear & Mastoid	380-389	2	0.3	0.1	1.2
CIRCULATORY SYSTEM	390-459	30	4.5	3.1	6.7
-Hypertensive Dis	401-405	2	0.3	0.1	1.4
-Ischemic Heart Dis	410-414	10	1.8	0.9	3.4
-Other Heart Dis	420-429	11	1.6	0.8	3.1
-Cerebrovascular Dis	430-438	1	0.1	0.0	0.7
-Dis of Veins, Lymphatics, Other	451-459	6	0.7	0.3	1.6
RESPIRATORY SYSTEM	460-519	90	16.8	12.6	22.4

(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 2009

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	34	6.0	4.1	8.7
-Other Dis Upper Respiratory Tract	470-478	10	2.0	1.0	4.0
-Pneumonia & Influenza	480-488	40	8.1	5.0	13.2
-Chronic Obstructive Dis	490-496	6	0.7	0.3	1.7
DIGESTIVE SYSTEM	520-579	40	7.4	4.5	12.3
-Oral Cavity, Saliva Glands, Jaw	520-529	3	0.5	0.1	1.5
-Esophagus, Stomach, Duodenum	530-538	2	0.3	0.1	1.4
-Appendicitis	540-543	2	0.5	0.1	2.3
-Hernias	550-553	16	2.2	1.3	3.7
-Enteritis, Colitis	555-558	2	0.4	0.1	1.5
-Other Intestinal Dis	560-569	5	2.2	0.5	9.7
-Other Digestive Dis	570-579	10	1.3	0.7	2.4
GENTOURINARY SYSTEM	580-629	7	1.0	0.4	2.5
-Other Urinary Dis	590-599	4	0.6	0.2	2.1
-Male Genital Organ Dis	600-608	3	0.4	0.1	1.3
SKIN AND SUBCUTANEOUS TISSUE	680-709	1	0.4	0.0	2.5
-Infections	680-686	1	0.4	0.0	2.5
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	55	8.3	6.2	11.1
-Arthropathies	710-719	18	2.7	1.7	4.5
-Dorsopathies	720-724	23	3.4	2.2	5.3
-Rheumatism, Excluding Back	725-729	13	2.1	1.1	3.8
-Other Dis & Acquired Deformities	730-739	1	0.1	0.0	0.7
CONGENITAL ANOMALIES	740-759	1	0.2	0.0	1.1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	25	3.1	2.1	4.7
-Symptoms	780-789	21	2.6	1.7	4.1
-Non-Specific Abnormal Findings	790-796	3	0.3	0.1	1.1
-Ill-Defined & Unknown Causes	797-799	1	0.2	0.0	1.3
INJURY & POISONING	800-999	72	15.9	11.1	22.7
-Fracture - Skull	800-804	1	0.1	0.0	0.7
-Fracture - Upper Limb	810-819	9	3.0	1.0	9.3
-Fracture - Lower Limb	820-829	6	1.0	0.4	2.5
-Dislocation	830-839	11	1.9	1.0	3.8
-Sprains & Strains - Back	846-847	1	0.1	0.0	0.7
-Sprains & Strains - Other	840-845, 848	33	7.6	4.5	12.9

(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 2009

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				
-Intracranial Injury	850-854	1	0.2	0.0	1.3
-Open Wound - Head, Neck, Trunk	870-879	2	0.3	0.1	1.2
-Contusion	920-924	2	0.3	0.1	1.2
-Complications & Unspecified Injuries	958-959	5	1.3	0.5	3.3
-Unspecified Effects - External Causes	990-995	1	0.1	0.0	0.7
Total		379	65.3	56.7	75.3

*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 2009

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	7	2.8	1.3	6.1
-Other Bacterial Dis	030-041	1	0.4	0.1	2.6
-Polio & Other Viral CNS Dis	045-049	1	0.4	0.1	2.6
-Other Viral Dis & Chlamydiae	070-079	4	1.8	0.6	5.2
-Late Effects	137-139	1	0.2	0.0	1.7
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	10	3.3	1.7	6.5
-Bone, Connective Tissue, Skin	170-173, 176	2	0.5	0.1	1.9
-Breast	174-175	6	2.2	0.9	5.3
-Endocrine	193-194, 209.0-209.3	1	0.4	0.1	2.6
-Lymphatic & Hematopoietic	200-208	1	0.2	0.0	1.7
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	11	4.2	2.2	7.8
ENDOCRINE/METABOLIC/IMMUNITY	240-279	5	1.4	0.6	3.5
-Thyroid Gland Disorders	240-246	3	0.8	0.3	2.7
-Other Metabolic & Immunity Disorders	270-279	2	0.6	0.1	2.5
MENTAL DISORDERS	290-319	4	4.9	0.9	26.3
-Non-Psychotic Disorders	300-302, 306-316	3	4.7	0.8	27.2
-Drug Dependence	304-305	1	0.2	0.0	1.7
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	8	2.9	1.4	6.2
-Other Disorders of Central NS	340-349	2	0.7	0.2	2.9
-Disorders of Peripheral NS	350-359	2	0.6	0.1	2.5
-Disorders of Eye	360-379	3	1.3	0.4	4.7
-Diseases of Ear & Mastoid	380-389	1	0.2	0.0	1.7
CIRCULATORY SYSTEM	390-459	5	1.3	0.5	3.2
-Cerebrovascular Dis	430-438	1	0.4	0.1	2.6
-Dis of Veins, Lymphatics, Other	451-459	4	1.0	0.4	2.6
RESPIRATORY SYSTEM	460-519	42	18.7	11.2	31.2
-Acute Respiratory Infections	460-466	14	5.5	3.1	9.9
-Other Dis Upper Respiratory Tract	470-478	1	0.2	0.0	1.7
-Pneumonia & Influenza	480-488	21	11.3	5.1	24.8
-Chronic Obstructive Dis	490-496	5	1.4	0.6	3.5
-Lung Dis from External Agents	500-508	1	0.2	0.0	1.7
DIGESTIVE SYSTEM	520-579	17	11.6	5.3	25.6
-Oral Cavity, Saliva Glands, Jaw	520-529	2	1.0	0.2	5.0

(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 2009

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				
-Esophagus, Stomach, Duodenum	530-538	2	1.1	0.3	4.8
-Hernias	550-553	4	2.2	0.7	6.5
-Other Intestinal Dis	560-569	2	1.0	0.2	4.7
-Other Digestive Dis	570-579	7	6.3	1.7	24.0
GENITOURINARY SYSTEM	580-629	27	9.5	6.3	14.3
-Nephritis, Nephrosis	580-589	3	1.7	0.5	5.9
-Other Urinary Dis	590-599	4	1.2	0.4	3.3
-Breast Disorders	610-612	4	1.1	0.4	2.9
-Other Female Disorders	617-629	16	5.5	3.2	9.3
PREGNANCY & CHILDBIRTH	630-679	3	9.2	2.6	32.8
-Pregnancy with Abortive Outcome	634-639	3	9.2	2.6	32.8
SKIN AND SUBCUTANEOUS TISSUE	680-709	2	0.5	0.1	1.9
-Infections	680-686	1	0.2	0.0	1.7
-Other	700-709	1	0.2	0.0	1.7
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	47	18.1	13.0	25.0
-Arthropathies	710-719	15	5.6	3.1	10.0
-Dorsopathies	720-724	10	4.4	2.2	8.8
-Rheumatism, Excluding Back	725-729	20	6.6	4.1	10.7
-Other Dis & Acquired Deformities	730-739	2	1.5	0.4	5.9
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	9	2.6	1.4	5.1
-Symptoms	780-789	9	2.6	1.4	5.1
INJURY & POISONING	800-999	48	22.3	14.2	35.0
-Fracture - Skull	800-804	2	1.0	0.2	4.7
-Fracture - Upper Limb	810-819	4	1.5	0.5	4.6
-Fracture - Lower Limb	820-829	9	8.0	2.7	23.7
-Dislocation	830-839	9	2.8	1.3	6.0
-Sprains & Strains - Other	840-845, 848	17	6.8	3.9	11.6
-Intracranial Injury	850-854	1	0.4	0.1	2.6
-Contusion	920-924	1	0.4	0.1	2.6
-Complications & Unspecified Injuries	958-959	1	0.4	0.1	2.6
-Unspecified Effects - External Causes	990-995	3	0.8	0.3	2.7
-Complications of Surgical/Medical Care	996-999	1	0.4	0.1	2.6
Total		245	113.3	91.9	139.6

*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 2009

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	23	2.2	1.4	3.3
-Intestinal Infectious Dis	001-009	2	0.1	0.0	0.6
-Other Bacterial Dis	030-041	2	0.2	0.0	0.8
-Polio & Other Viral CNS Dis	045-049	2	0.2	0.0	0.8
-Viral Dis with Exanthem	050-059	3	0.3	0.1	0.9
-Other Viral Dis & Chlamydiae	070-079	13	1.3	0.7	2.3
-Late Effects	137-139	1	0.1	0.0	0.5
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	18	1.8	1.1	2.9
-Digestive & Peritoneal	150-159	1	0.1	0.0	0.5
-Respiratory & Intrathoracic	160-165	1	0.1	0.0	0.9
-Bone, Connective Tissue, Skin	170-173, 176	3	0.3	0.1	0.9
-Breast	174-175	6	0.6	0.3	1.3
-Genitourinary	179-189	3	0.3	0.1	1.0
-Endocrine	193-194, 209.0-209.3	1	0.1	0.0	0.9
-Other & Unspecified Sites	195-199, 209.7	1	0.1	0.0	0.9
-Lymphatic & Hematopoietic	200-208	2	0.1	0.0	0.6
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	14	1.6	0.9	2.9
ENDOCRINE/METABOLIC/IMMUNITY	240-279	14	1.5	0.8	2.7
-Thyroid Gland Disorders	240-246	4	0.4	0.1	1.1
-Other Endocrine Gland Dis	249-259	1	0.1	0.0	0.9
-Other Metabolic & Immunity Disorders	270-279	9	1.0	0.5	2.0
MENTAL DISORDERS	290-319	6	1.6	0.4	6.9
-Non-Psychotic Disorders	300-302, 306-316	5	1.5	0.3	7.0
-Drug Dependence	304-305	1	0.1	0.0	0.5
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	28	2.8	1.8	4.2
-Organic Sleep Disorders	327	1	0.2	0.0	1.7
-Other Disorders of Central NS	340-349	3	0.3	0.1	1.0
-Disorders of Peripheral NS	350-359	8	0.7	0.3	1.4
-Disorders of Eye	360-379	13	1.3	0.7	2.3
-Diseases of Ear & Mastoid	380-389	3	0.3	0.1	0.9
CIRCULATORY SYSTEM	390-459	35	3.8	2.6	5.4
-Hypertensive Dis	401-405	2	0.3	0.1	1.0
-Ischemic Heart Dis	410-414	10	1.3	0.7	2.6

(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 2009

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	11	1.2	0.6	2.3
-Cerebrovascular Dis	430-438	2	0.2	0.0	0.8
-Dis of Veins, Lymphatics, Other	451-459	10	0.8	0.4	1.6
RESPIRATORY SYSTEM	460-519	132	17.1	13.3	22.0
-Acute Respiratory Infections	460-466	48	5.7	4.2	7.9
-Other Dis Upper Respiratory Tract	470-478	11	1.5	0.7	2.9
-Pneumonia & Influenza	480-488	61	8.8	5.8	13.5
-Chronic Obstructive Dis	490-496	11	1.0	0.5	1.8
-Lung Dis from External Agents	500-508	1	0.1	0.0	0.5
DIGESTIVE SYSTEM	520-579	57	8.5	5.5	13.1
-Oral Cavity, Saliva Glands, Jaw	520-529	5	0.6	0.2	1.7
-Esophagus, Stomach, Duodenum	530-538	4	0.5	0.2	1.4
-Appendicitis	540-543	2	0.4	0.1	1.6
-Hernias	550-553	20	2.2	1.4	3.6
-Enteritis, Colitis	555-558	2	0.2	0.1	1.0
-Other Intestinal Dis	560-569	7	1.8	0.5	6.7
-Other Digestive Dis	570-579	17	2.7	1.1	6.7
GENITOURINARY SYSTEM	580-629	34	3.5	2.5	5.1
-Nephritis, Nephrosis	580-589	3	0.3	0.1	1.1
-Other Urinary Dis	590-599	8	0.8	0.4	1.9
-Male Genital Organ Dis	600-608	3	0.3	0.1	0.9
-Breast Disorders	610-612	4	0.3	0.1	0.9
-Other Female Disorders	617-629	16	1.8	1.1	3.0
PREGNANCY & CHILDBIRTH	630-679	3	2.6	0.7	9.2
-Pregnancy with Abortive Outcome	634-639	3	2.6	0.7	9.2
SKIN AND SUBCUTANEOUS TISSUE	680-709	3	0.4	0.1	1.5
-Infections	680-686	2	0.3	0.1	1.5
-Other	700-709	1	0.1	0.0	0.5
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	102	11.1	8.9	13.7
-Arthropathies	710-719	33	3.7	2.5	5.4
-Dorsopathies	720-724	33	3.7	2.5	5.3
-Rheumatism, Excluding Back	725-729	33	3.4	2.3	4.9
-Other Dis & Acquired Deformities	730-739	3	0.3	0.1	1.1
CONGENITAL ANOMALIES	740-759	1	0.1	0.0	0.9

(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 2009

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, SIGNS, & ILL-DEFINED CONDITIONS	780-799	34	3.1	2.2	4.4
-Symptoms	780-789	30	2.7	1.9	3.9
-Non-Specific Abnormal Findings	790-796	3	0.3	0.1	0.9
-Ill-Defined & Unknown Causes	797-799	1	0.1	0.0	0.9
INJURY & POISONING	800-999	120	17.4	13.1	23.0
-Fracture - Skull	800-804	3	0.3	0.1	0.9
-Fracture - Upper Limb	810-819	13	2.5	0.9	6.6
-Fracture - Lower Limb	820-829	15	2.8	1.1	6.7
-Dislocation	830-839	20	2.2	1.3	3.6
-Sprains & Strains - Back	846-847	1	0.1	0.0	0.5
-Sprains & Strains - Other	840-845, 848	50	7.4	4.9	11.1
-Intracranial Injury	850-854	2	0.2	0.1	1.0
-Open Wound - Head, Neck, Trunk	870-879	2	0.2	0.0	0.8
-Contusion	920-924	3	0.3	0.1	1.0
-Complications & Unspecified Injuries	958-959	6	1.0	0.4	2.4
-Unspecified Effects - External Causes	990-995	4	0.3	0.1	0.9
-Complications of Surgical/Medical Care	996-999	1	0.1	0.0	0.9
Total		624	78.9	70.2	88.8

*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 2009
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	3	4	8	0	2	2	6	10	18
Administrative Support	0	5	10	15	0	0	3	11	14	29
Technical Support	0	1	2	3	1	1	2	13	17	20
Service	0	0	1	1	0	1	1	1	3	4
Security and Fire	0	0	1	1	3	4	2	5	14	15
Crafts	0	0	0	0	0	1	3	3	7	7
TOTAL	1	9	18	28	4	9	13	39	65	93

*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	4	20	0	4	20	0
30 - 39	1	0	0	9	67	5	10	67	5
40 - 49	9	46	98	13	158	74	22	204	172
50 +	18	102	31	40	631	145	58	733	176
TOTAL	28	148	129	66	876	224	94	1024	353

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	8	0	24	10	27	0	18	27	24
Administrative Support	15	46	103	14	30	78	29	76	181
Technical Support	3	0	0	18	459	45	21	459	45
Service	1	0	0	3	0	0	4	0	0
Security and Fire	1	102	2	14	195	47	15	297	49
Crafts	0	0	0	7	165	54	7	165	54
TOTAL	28	148	129	66	876	224	94	1024	353

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

Lawrence Livermore National Laboratory 2009

OSHA Data

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

		Women			
		Age Group			TOTAL
		30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM code				
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	1	1
-Disorders of Peripheral NS	350-359	0	0	1	1
-Disorders of Eye	360-379	0	0	0	0
-Diseases of Ear & Mastoid	380-389	0	0	0	0
RESPIRATORY SYSTEM	460-519	0	0	1	1
-Acute Respiratory Infections	460-466	0	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0
-Other Respiratory Dis	510-519	0	0	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	6	13	20
-Arthropathies	710-719	1	3	9	13
-Dorsopathies	720-724	0	2	3	5
-Rheumatism, Excluding Back	725-729	0	1	1	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	2	0	2
-Symptoms	780-789	0	2	0	2
INJURY & POISONING	800-999	1	8	16	25
-Fracture - Lower Limb	820-829	0	0	2	2
-Sprains & Strains - Back	846-847	0	1	2	3
-Sprains & Strains - Other	840-845, 848	0	0	3	3
-Intracranial Injury	850-854	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	1	0	1
-Open Wound - Upper Limb	880-887	0	0	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0
-Superficial Injury	910-919	0	2	0	2
-Contusion	920-924	1	0	1	2
-Complications & Unspecified Injuries	958-959	0	4	7	11
-Toxic Effects - Non-medicinal	980-989	0	0	1	1

*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*

		Men					TOTAL	TOTAL
		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	12	13	14	
-Disorders of Peripheral NS	350-359	0	0	0	0	0	1	
-Disorders of Eye	360-379	0	0	0	1	1	1	
-Diseases of Ear & Mastoid	380-389	0	0	1	11	12	12	
RESPIRATORY SYSTEM	460-519	0	0	0	3	3	4	
-Acute Respiratory Infections	460-466	0	0	0	1	1	1	
-Other Dis Upper Respiratory Tract	470-478	0	0	0	2	2	2	
-Other Respiratory Dis	510-519	0	0	0	0	0	1	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	7	10	23	40	60	
-Arthropathies	710-719	0	5	8	13	26	39	
-Dorsopathies	720-724	0	2	0	6	8	13	
-Rheumatism, Excluding Back	725-729	0	0	2	4	6	8	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	1	3	4	6	
-Symptoms	780-789	0	0	1	3	4	6	
INJURY & POISONING	800-999	4	6	9	29	48	73	
-Fracture - Lower Limb	820-829	0	0	0	0	0	2	
-Sprains & Strains - Back	846-847	0	3	0	7	10	13	
-Sprains & Strains - Other	840-845, 848	1	0	2	12	15	18	
-Intracranial Injury	850-854	0	1	0	0	1	1	
-Open Wound - Head, Neck, Trunk	870-879	1	1	0	1	3	4	
-Open Wound - Upper Limb	880-887	1	1	1	3	6	6	
-Open Wound - Lower Limb	890-897	0	0	0	1	1	1	
-Superficial Injury	910-919	0	0	1	0	1	3	
-Contusion	920-924	1	0	3	1	5	7	
-Complications & Unspecified Injuries	958-959	0	0	2	2	4	15	
-Toxic Effects - Non-medicinal	980-989	0	0	0	2	2	3	

	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	16	31	49	4	13	21	70	108	157

*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						
-Disorders of Peripheral NS	350-359	0	0	0	0	0	24
-Other Respiratory Dis	510-519	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	42	102	2
-Dorsopathies	720-724	0	0	46	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0
-Symptoms	780-789	0	0	0	42	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	102	2
-Sprains & Strains - Back	846-847	0	0	46	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	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
-Complications & Unspecified Injuries	958-959	0	0	0	56	0	5
-Toxic Effects - Non-medicinal	980-989	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 Eye	360-379	0	0	0	0	0	0	0	0
-Diseases of Ear & Mastoid	380-389	0	0	0	0	0	0	0	0
-Acute Respiratory Infections	460-466	0	0	0	0	0	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	129	17	550	145
-Dorsopathies	720-724	0	0	41	5	0	0	27	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	54	0	79	0
-Symptoms	780-789	0	0	0	0	0	45	0	0
-Sprains & Strains - Back	846-847	0	0	41	5	0	0	27	0
-Sprains & Strains - Other	840-845, 848	18	0	0	0	61	11	551	145
-Intracranial Injury	850-854	0	0	26	0	0	0	0	0
-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

(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	2	0	0	0	22	1	14	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	75	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/age combinations with at least one occurrence appear in this table.

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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										
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	1	0	0	0	1	1
Other Road Vehicle	E826-E829	0	0	1	1	1	0	1	1	3	4
Accidental Poisoning - Non-medicinal	E860-E869	0	0	1	1	0	0	0	1	1	2
Falls	E880-E888	0	1	2	3	0	1	2	1	4	7
Natural/Environmental Factors	E900-E909	0	2	0	2	0	0	0	1	1	3
Other Accidents	E916-E928	1	6	14	21	2	8	9	27	46	67

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

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OSHA Data**

Appendix R. Number of Workdays Lost or with Restricted Activity 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						
Other Road Vehicle	E826-E829	0	0	0	0	0	0
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	102	2
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	46	98	0	29

		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								
Motor Vehicle Nontraffic	E820-E825	2	0	0	0	0	0	0	0
Other Road Vehicle	E826-E829	0	0	0	0	0	0	14	0
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	41	0	7	11	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	18	0	26	5	151	63	617	145

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

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OSHA Data

Appendix S. 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	
Diagnostic Category	ICD-9-CM Code						
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0	0	0	0	1
-Disorders of Peripheral NS	350-359	1	0	0	0	0	1
RESPIRATORY SYSTEM	460-519	0	1	0	0	0	1
-Other Respiratory Dis	510-519	0	1	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	3	11	4	1	1	20
-Arthropathies	710-719	1	8	3	0	1	13
-Dorsopathies	720-724	2	2	1	0	0	5
-Rheumatism, Excluding Back	725-729	0	1	0	1	0	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	1	0	0	0	2
-Symptoms	780-789	1	1	0	0	0	2
INJURY & POISONING	800-999	8	13	3	0	1	25
-Fracture - Lower Limb	820-829	0	1	0	0	1	2
-Sprains & Strains - Back	846-847	1	2	0	0	0	3
-Sprains & Strains - Other	840-845, 848	3	0	0	0	0	3
-Open Wound - Head, Neck, Trunk	870-879	1	0	0	0	0	1
-Superficial Injury	910-919	1	1	0	0	0	2
-Contusion	920-924	1	1	0	0	0	2
-Complications & Unspecified Injuries	958-959	1	7	3	0	0	11
-Toxic Effects - Non-medicinal	980-989	0	1	0	0	0	1

		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Technical Support	Service	
Diagnostic Category						
Total	13	26	7	1	2	49

*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							TOTAL
		Job Category							
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts		
Diagnostic Category	ICD-9-CM Code								
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	5	2	1	3	2	13	
-Disorders of Eye	360-379	0	0	0	1	0	0	1	
-Diseases of Ear & Mastoid	380-389	0	5	2	0	3	2	12	
RESPIRATORY SYSTEM	460-519	0	0	0	3	0	0	3	
-Acute Respiratory Infections	460-466	0	0	0	1	0	0	1	
-Other Dis Upper Respiratory Tract	470-478	0	0	0	2	0	0	2	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	12	5	13	0	3	7	40	
-Arthropathies	710-719	7	4	8	0	1	6	26	
-Dorsopathies	720-724	3	1	2	0	2	0	8	
-Rheumatism, Excluding Back	725-729	2	0	3	0	0	1	6	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	1	0	2	0	0	4	
-Symptoms	780-789	1	1	0	2	0	0	4	
INJURY & POISONING	800-999	8	9	13	3	11	4	48	
-Sprains & Strains - Back	846-847	2	2	2	1	3	0	10	
-Sprains & Strains - Other	840-845, 848	2	3	5	0	3	2	15	
-Intracranial Injury	850-854	0	0	0	0	0	1	1	
-Open Wound - Head, Neck, Trunk	870-879	0	0	2	0	1	0	3	
-Open Wound - Upper Limb	880-887	1	1	1	1	2	0	6	
-Open Wound - Lower Limb	890-897	0	0	1	0	0	0	1	
-Superficial Injury	910-919	0	1	0	0	0	0	1	
-Contusion	920-924	1	1	1	0	2	0	5	
-Complications & Unspecified Injuries	958-959	2	1	1	0	0	0	4	
-Toxic Effects - Non-medicinal	980-989	0	0	0	1	0	1	2	

*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	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category							
Total	21	20	28	9	17	13	108

*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	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes				
-Disorders of Peripheral NS	350-359	0	24	0	0
-Other Respiratory Dis	510-519	0	0	0	0
-Arthropathies	710-719	0	0	0	42
-Dorsopathies	720-724	0	0	46	0
-Rheumatism, Excluding Back	725-729	0	0	0	0
-Symptoms	780-789	0	0	0	42
-Fracture - Lower Limb	820-829	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	46	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0
-Superficial Injury	910-919	0	0	0	0
-Contusion	920-924	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	61
-Toxic Effects - Non-medicinal	980-989	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 T. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Job Category*

		Women					
		Job Category					
		Technical Support		Service		Security and Fire	
		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
-Other Respiratory Dis	510-519	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	102	2
-Dorsopathies	720-724	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0
-Symptoms	780-789	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	102	2
-Sprains & Strains - Back	846-847	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	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
-Complications & Unspecified Injuries	958-959	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/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		Administrative Support		Technical Support	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Eye	360-379	0	0	0	0	0	0
-Diseases of Ear & Mastoid	380-389	0	0	0	0	0	0
-Acute Respiratory Infections	460-466	0	0	0	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0
-Arthropathies	710-719	0	0	30	33	405	45
-Dorsopathies	720-724	27	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	79	0
-Symptoms	780-789	0	0	0	45	0	0
-Sprains & Strains - Back	846-847	27	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	30	33	331	45
-Intracranial Injury	850-854	0	0	0	0	0	0
-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	14	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	75	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/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					
		Service		Security and Fire		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Eye	360-379	0	0	0	0	0	0
-Diseases of Ear & Mastoid	380-389	0	0	0	0	0	0
-Acute Respiratory Infections	460-466	0	0	0	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0
-Arthropathies	710-719	0	0	105	30	139	54
-Dorsopathies	720-724	0	0	41	5	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	54	0
-Symptoms	780-789	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	41	5	0	0
-Sprains & Strains - Other	840-845, 848	0	0	130	41	139	37
-Intracranial Injury	850-854	0	0	0	0	26	0
-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	24	1	0	0
-Complications & Unspecified Injuries	958-959	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/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	Security and Fire	
Type of Accident	E CODES						
Other Road Vehicle	E826-E829	1	0	0	0	0	1
Accidental Poisoning - Non-medicinal	E860-E869	0	1	0	0	0	1
Falls	E880-E888	1	1	0	0	1	3
Natural/Environmental Factors	E900-E909	1	1	0	0	0	2
Other Accidents	E916-E928	5	12	3	1	0	21

		Men						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Type of Accident	E CODES							
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	1	0	1
Other Road Vehicle	E826-E829	0	1	2	0	0	0	3
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	1	0	0	1
Falls	E880-E888	1	0	0	0	3	0	4
Natural/Environmental Factors	E900-E909	0	0	0	0	0	1	1
Other Accidents	E916-E928	8	9	15	2	8	4	46

*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	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes				
Other Road Vehicle	E826-E829	0	0	0	0
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0
Falls	E880-E888	0	0	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0
Other Accidents	E916-E928	0	24	46	103

		Women					
		Job Category					
		Technical Support		Service		Security and Fire	
		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	0	0	0	0	0
Falls	E880-E888	0	0	0	0	102	2
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	0	0	0	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 V. Number of Workdays Lost or with Restricted Activity in Each Accident Category by Gender and Job Category*

		Men					
		Job Category					
		Professional		Administrative Support		Technical Support	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	0
Other Road Vehicle	E826-E829	0	0	0	0	14	0
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0
Other Accidents	E916-E928	27	0	30	78	445	45

		Men					
		Job Category					
		Service		Security and Fire		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Motor Vehicle Nontraffic	E820-E825	0	0	2	0	0	0
Other Road Vehicle	E826-E829	0	0	0	0	0	0
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	0
Falls	E880-E888	0	0	48	11	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	145	36	165	54

*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	13	1.4	0.8	2.5
-Disorders of Eye	360-379	1	0.1	0.0	0.7
-Diseases of Ear & Mastoid	380-389	12	1.3	0.7	2.4
RESPIRATORY SYSTEM	460-519	3	0.3	0.1	0.9
-Acute Respiratory Infections	460-466	1	0.1	0.0	0.7
-Other Dis Upper Respiratory Tract	470-478	2	0.2	0.0	0.8
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	40	6.9	4.9	9.8
-Arthropathies	710-719	26	4.8	3.1	7.4
-Dorsopathies	720-724	8	1.3	0.6	3.1
-Rheumatism, Excluding Back	725-729	6	0.8	0.3	1.8
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	4	0.5	0.2	1.3
-Symptoms	780-789	4	0.5	0.2	1.3
INJURY & POISONING	800-999	48	13.6	8.2	22.5
-Sprains & Strains - Back	846-847	10	1.9	0.9	3.8
-Sprains & Strains - Other	840-845, 848	15	3.4	1.3	9.2
-Open Wound - Head, Neck, Trunk	870-879	3	2.1	0.4	10.1
-Open Wound - Upper Limb	880-887	6	2.5	0.6	9.5
-Open Wound - Lower Limb	890-897	1	0.1	0.0	0.7
-Superficial Injury	910-919	1	0.2	0.0	1.3
-Contusion	920-924	5	2.3	0.6	9.6
-Toxic Effects - Non-medicinal	980-989	2	0.2	0.0	0.8
-Complications of Surgical/Medical Care	996-999	5	1.0	0.4	2.5
Total		108	22.7	16.4	31.4

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

**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*

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	1	0.2	0.0	1.7
-Disorders of Peripheral NS	350-359	1	0.2	0.0	1.7
RESPIRATORY SYSTEM	460-519	1	0.2	0.0	1.7
-Other Respiratory Dis	510-519	1	0.2	0.0	1.7
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	20	6.1	3.8	9.8
-Arthropathies	710-719	13	4.0	2.2	7.4
-Dorsopathies	720-724	5	1.4	0.6	3.5
-Rheumatism, Excluding Back	725-729	2	0.6	0.1	2.5
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	2	0.7	0.2	2.9
-Symptoms	780-789	2	0.7	0.2	2.9
INJURY & POISONING	800-999	25	8.5	5.5	13.2
-Fracture - Lower Limb	820-829	2	0.5	0.1	1.9
-Sprains & Strains - Back	846-847	3	0.8	0.3	2.7
-Sprains & Strains - Other	840-845, 848	3	1.2	0.3	4.5
-Open Wound - Head, Neck, Trunk	870-879	1	0.4	0.1	2.6
-Superficial Injury	910-919	2	0.7	0.2	2.9
-Contusion	920-924	2	1.5	0.4	6.2
-Toxic Effects - Non-medicinal	980-989	1	0.2	0.0	1.7
-Complications of Surgical/Medical Care	996-999	11	3.1	1.7	5.7
Total		49	15.8	11.6	21.5

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

**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*

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	0.6	1.9
-Disorders of Peripheral NS	350-359	1	0.1	0.0	0.5
-Disorders of Eye	360-379	1	0.1	0.0	0.5
-Diseases of Ear & Mastoid	380-389	12	1.0	0.5	1.7
RESPIRATORY SYSTEM	460-519	4	0.3	0.1	0.7
-Acute Respiratory Infections	460-466	1	0.1	0.0	0.5
-Other Dis Upper Respiratory Tract	470-478	2	0.1	0.0	0.6
-Other Respiratory Dis	510-519	1	0.1	0.0	0.5
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	60	6.8	5.1	9.0
-Arthropathies	710-719	39	4.7	3.3	6.6
-Dorsopathies	720-724	13	1.4	0.8	2.7
-Rheumatism, Excluding Back	725-729	8	0.7	0.4	1.5
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	6	0.6	0.3	1.3
-Symptoms	780-789	6	0.6	0.3	1.3
INJURY & POISONING	800-999	73	12.2	8.1	18.3
-Fracture - Lower Limb	820-829	2	0.1	0.0	0.6
-Sprains & Strains - Back	846-847	13	1.6	0.9	3.0
-Sprains & Strains - Other	840-845, 848	18	2.8	1.2	6.6
-Open Wound - Head, Neck, Trunk	870-879	4	1.6	0.4	7.0
-Open Wound - Upper Limb	880-887	6	1.7	0.5	6.8
-Open Wound - Lower Limb	890-897	1	0.1	0.0	0.5
-Superficial Injury	910-919	3	0.4	0.1	1.1
-Contusion	920-924	7	2.0	0.6	6.6
-Toxic Effects - Non-medicinal	980-989	3	0.2	0.1	0.7
-Complications of Surgical/Medical Care	996-999	16	1.7	1.0	2.9
Total		157	20.9	16.2	27.1

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

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