

# 2007

## Lawrence Livermore National Laboratory Annual Illness and Injury Surveillance Report



# Lawrence Livermore National Laboratory

## 2007 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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This document was produced under contract number DE-AC05-06OR23100 between the U.S. Department of Energy and Oak Ridge Associated Universities.

## **Lawrence Livermore National Laboratory 2007 Illness and Injury Surveillance Report**

### **At A Glance**

A total of 8,570 LLNL employees were included in illness and injury surveillance in 2007; 2,657 (31 percent) women and 5,913 (69 percent) men.

The 221 absences among 198 women resulted in an absence rate of 8.3 per 100 workers (221/2,657). The 377 absences reported by 347 men resulted in an absence rate of 6.4 per 100 workers (377/5,913). Absence rates in 2007 were unchanged from those reported in 2006 for both men and women.

The average length of absences in 2007 was 24 days among men and 36 days among women. After experiencing a decrease in absences from 2004 to 2006, the average length of absences for women saw an increase in 2007, while among men the average length of absences has remained stable since 2003.

Among men, Service workers had the highest absence rate, 14.2 per 100 workers. Among women, Security and Fire workers had the highest absence rate, 20.0 per 100 workers.

Women were absent 7,947 calendar days due to illness and injury. Injuries (17.3 percent), respiratory disorders (14.5 percent), and musculoskeletal disorders (13.7 percent) accounted for 45.5 percent of all reported diagnoses among women.

Men lost 8,868 calendar days due to illness and injury. Respiratory conditions (18.8 percent), injuries (17.2 percent), and musculoskeletal disorders (14.6 percent) accounted for 50.6 percent of all reported diagnoses among men.

Since 2003, respiratory and musculoskeletal conditions have been among the top 3 diagnostic categories reported by women, and injuries among the top 3 categories for men. 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 1995 and 2004.

LLNL reported 59 OSHA-recordable events among women and 99 OSHA-recordable events among men. The rate of workers with an OSHA event was similar for women and men (2.2 and 1.7 per 100 workers, respectively). Since 2003, the 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 1995.

Among women, the OSHA-recordable rates were highest among Crafts workers and among men highest among Security and Fire workers. These groups also had the highest OSHA-recordable rates in 2006. OSHA-recordable rates were highest among men and women aged 30-39.

Eighty-six percent of the OSHA health conditions involved musculoskeletal conditions or injuries. This pattern was similar across all age groups.

Of the 145 OSHA events for which the type of accident was reported, 47.4 percent of the events for women were the result of repetitive trauma; among men, 44.3 percent were due to overexertion and strenuous movements. The conditions resulting from repetitive trauma reported by women included mainly joint pain and injuries. Only 3 carpal tunnel diagnoses were reported in this group; all were among women in the Administrative Support job category.

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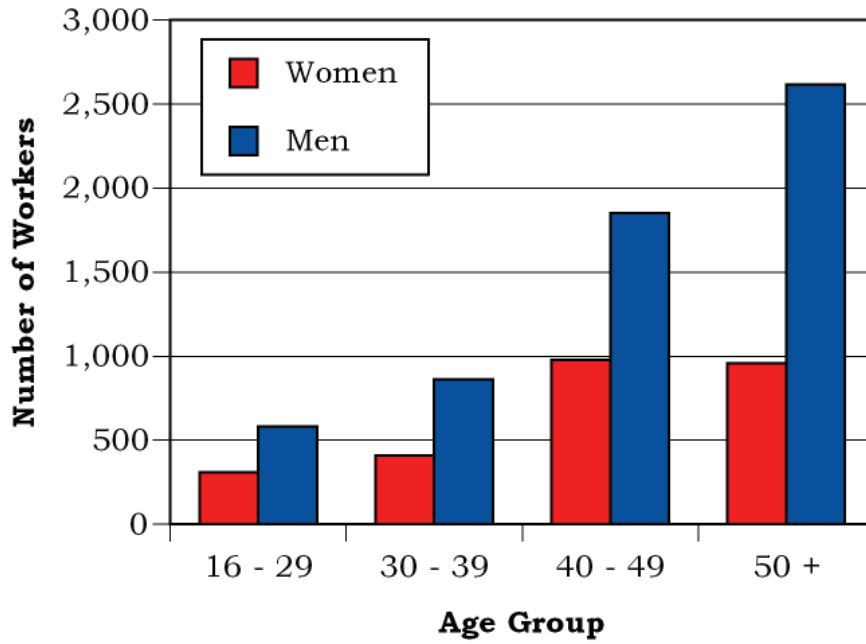
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**The Lawrence Livermore National Laboratory Work Force - 2007**

**Figure 1. The Work Force by Gender and Age**



**Figure 2. The Work Force by Gender and Job Category**

Job Category	Women	Men
Professional	588 22%	2,696 46%
Administrative Support	1,704 64%	1,712 29%
Technical Support	231 9%	671 11%
Service	89 3%	226 4%
Security and Fire	35 1%	289 5%
Crafts	10 1%	319 5%
Line Operators	0 0%	0 0%
Total	2,657 100%	5,913 100%



Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

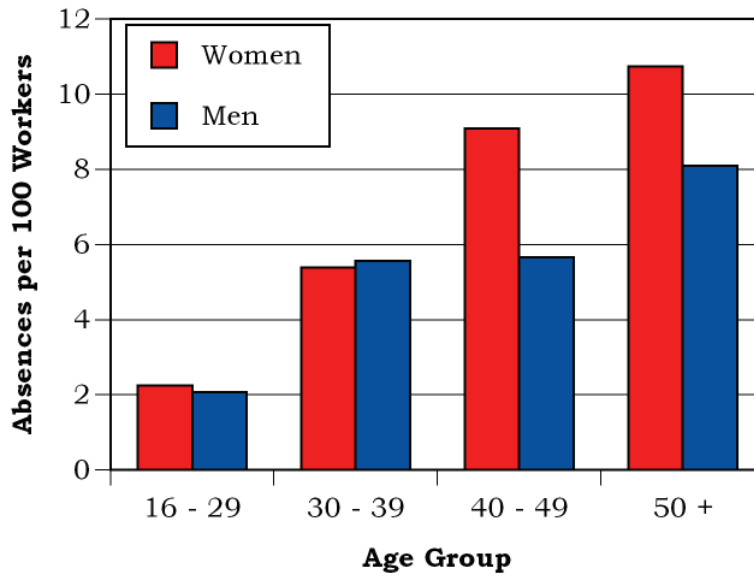
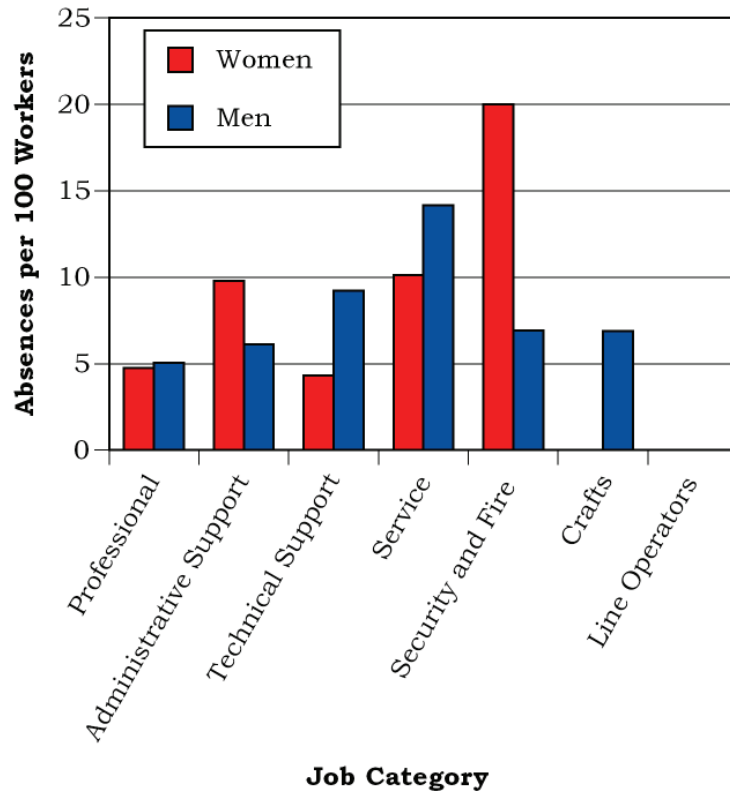


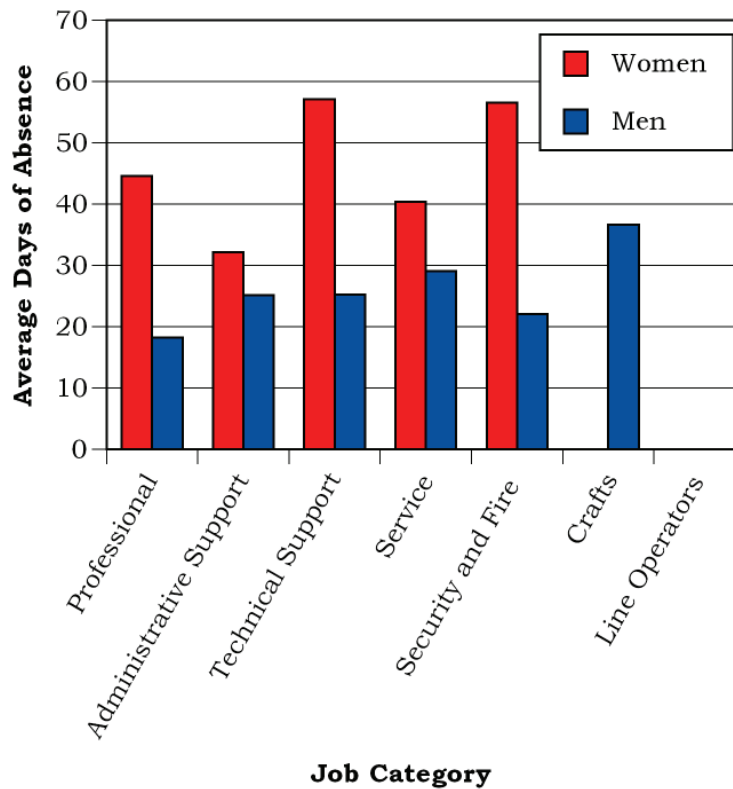
Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women	16-29	7	95	14
	30-39	22	928	42
	40-49	89	3,232	36
	50+	103	3,692	36
	<b>Total</b>	<b>221</b>	<b>7,947</b>	<b>36</b>
Men	16-29	12	232	19
	30-39	48	1,013	21
	40-49	105	2,234	21
	50+	212	5,389	25
	<b>Total</b>	<b>377</b>	<b>8,868</b>	<b>24</b>

**Figure 5. Absence Rate by Job Category and Gender**



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





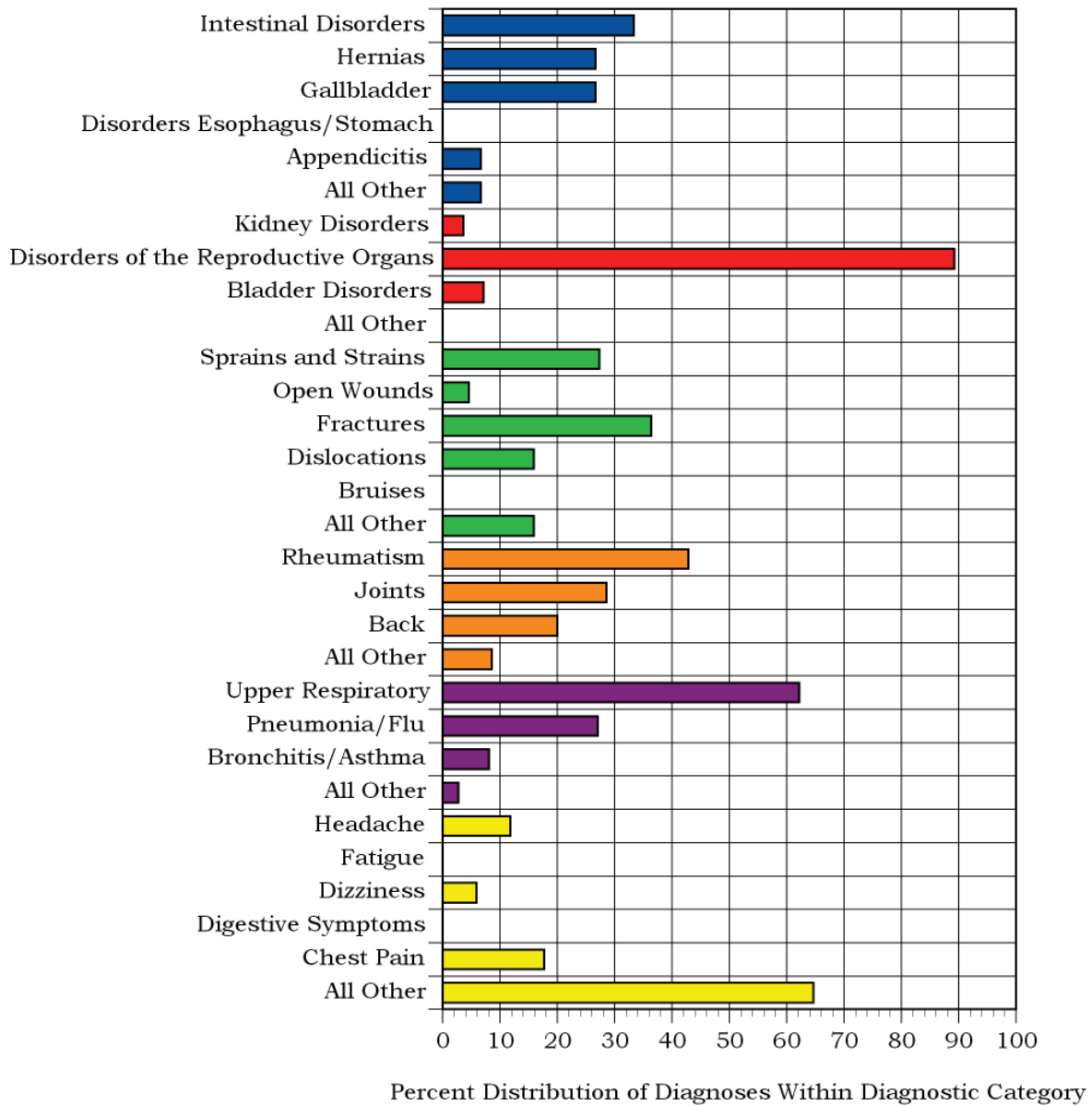
**Diagnostic Categories**

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

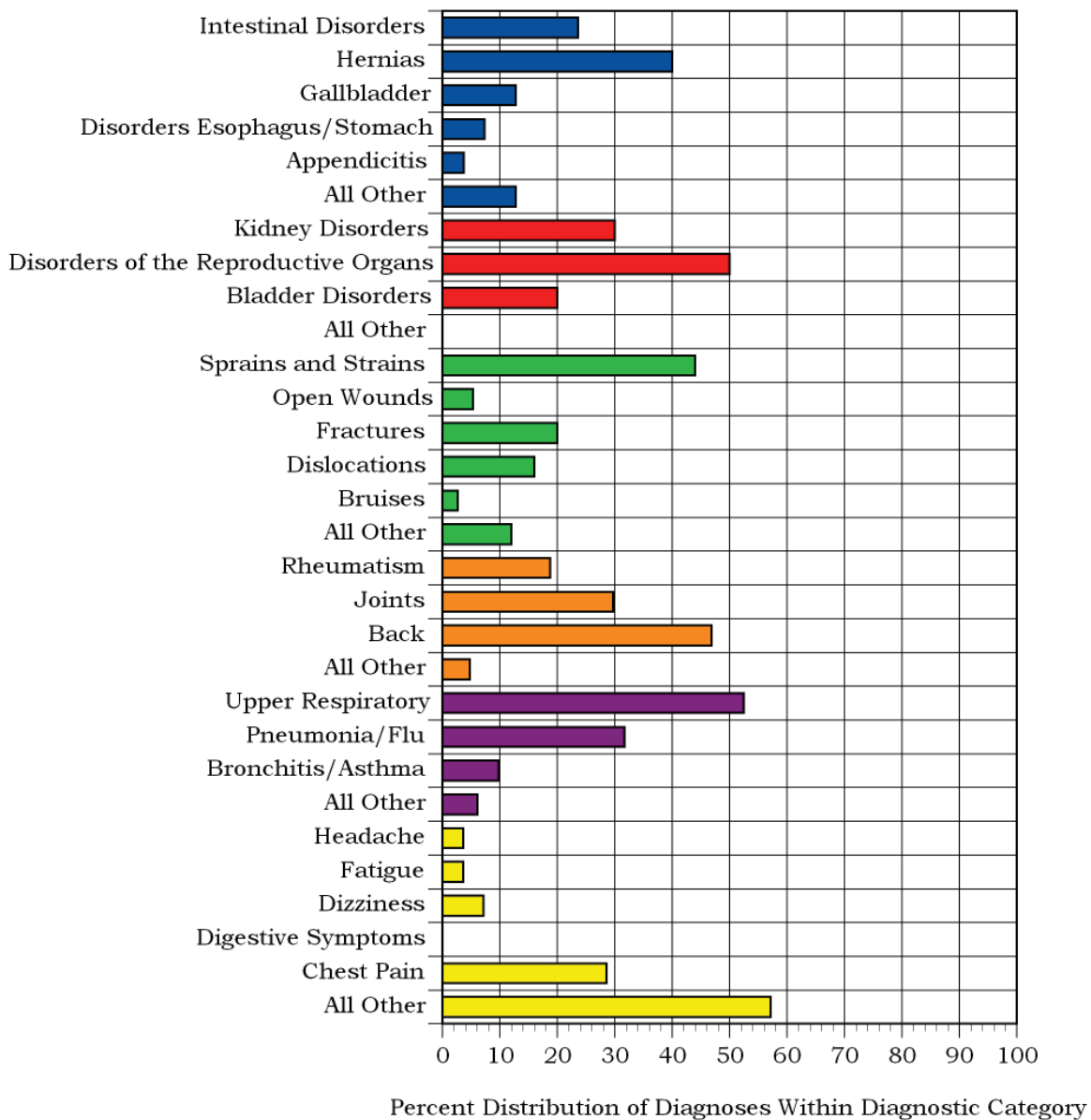
Diagnostic Category	Women		Men	
	Number of Diagnoses	Number of Lost Calendar Days	Number of Diagnoses	Number of Lost Calendar Days
Benign Growths	13	600	7	195
Blood	2	440	1	66
Cancer	16	819	16	955
Digestive	15	779	55	1,096
Endocrine/Metabolic	3	132	6	196
Existing Birth Condition	0	0	0	0
Genitourinary	28	931	10	296
Heart/Circulatory	7	199	26	930
Infections/Parasites	9	49	35	711
Injury	44	1,807	75	1,955
Miscarriage	3	67	NA	NA
Musculoskeletal	35	2,134	64	1,908
Nervous System	18	199	23	666
Psychological	5	454	3	83
Respiratory	37	482	82	715
Skin	3	77	6	211
Unspecified Symptoms	17	381	28	385

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 2007**



**Figure 9. Common Diagnoses Among Male Workers in 2007**



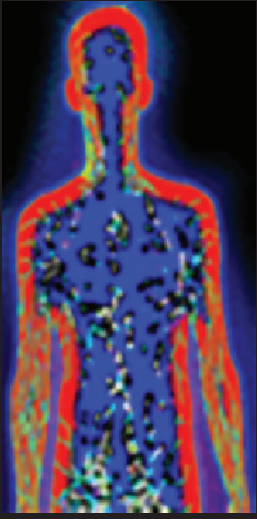
■ Digestive, 55 Diagnoses	■ Musculoskeletal, 64 Diagnoses
■ Genitourinary, 10 Diagnoses	■ Respiratory, 82 Diagnoses
■ Injury, 75 Diagnoses	■ Unspecified Symptoms, 28 Diagnoses

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

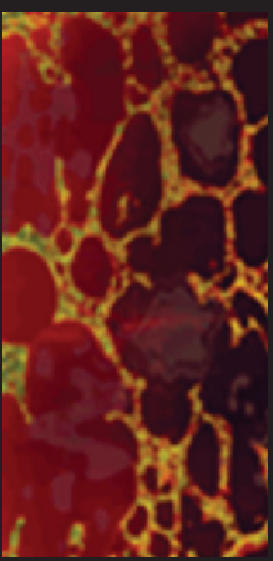
<b>Job Category</b>	<b>Men</b>		<b>Women</b>	
Professional	Respiratory	30	Respiratory	7
	Musculoskeletal	26	Injury	5
	Injury	21	Musculoskeletal	5
Administrative Support	Respiratory	22	Injury	34
	Digestive	15	Genitourinary	25
	Injury	15	Respiratory	23
Technical Support	Injury	18	Musculoskeletal	3
	Digestive	12	Respiratory	2
	Respiratory	12	Unspecified Symptoms	2
Service	Respiratory	11	Injury	4
	Digestive	8	Respiratory	3
	Injury	7	Benign Growths	1
			Digestive	1
			Musculoskeletal	1
			Unspecified Symptoms	1
Security and Fire	Injury	9	Musculoskeletal	4
	Musculoskeletal	7	Cancer	2
	Respiratory	4	Respiratory	2
Crafts	Musculoskeletal	7		0
	Injury	5		
	Digestive	3		
	Respiratory	3		
Line Operators		0		0

Rates of Disease Occurrence

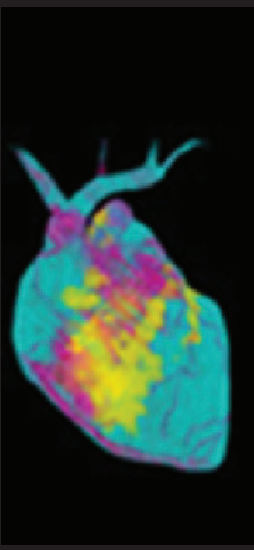
**Figure 11. Rates for All Illnesses and Injuries Combined by Job Category, Gender, and Age**

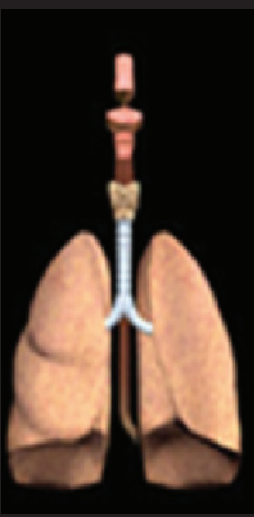
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	45	42
		50+	73	81
	Administrative Support	<50	52	94
		50+	87	140
	Technical Support	<50	77	26
		50+	150	89
	Service	<50	177	128
		50+	177	119
	Security and Fire	<50	82	267
		50+	136	600
	Crafts	<50	50	0
		50+	121	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+	5	0
	Administrative Support	<50	1	5
		50+	6	12
	Technical Support	<50	2	0
		50+	4	13
	Service	<50	0	0
		50+	9	0
	Security and Fire	<50	0	0
		50+	23	400
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0

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

Heart/Circulatory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	1	0
		50+	9	5
	Administrative Support	<50	4	2
		50+	5	5
	Technical Support	<50	0	7
		50+	7	0
	Service	<50	9	0
		50+	0	0
	Security and Fire	<50	4	0
		50+	0	0
	Crafts	<50	0	0
		50+	7	0
	Line Operators	<50	0	0
		50+	0	0

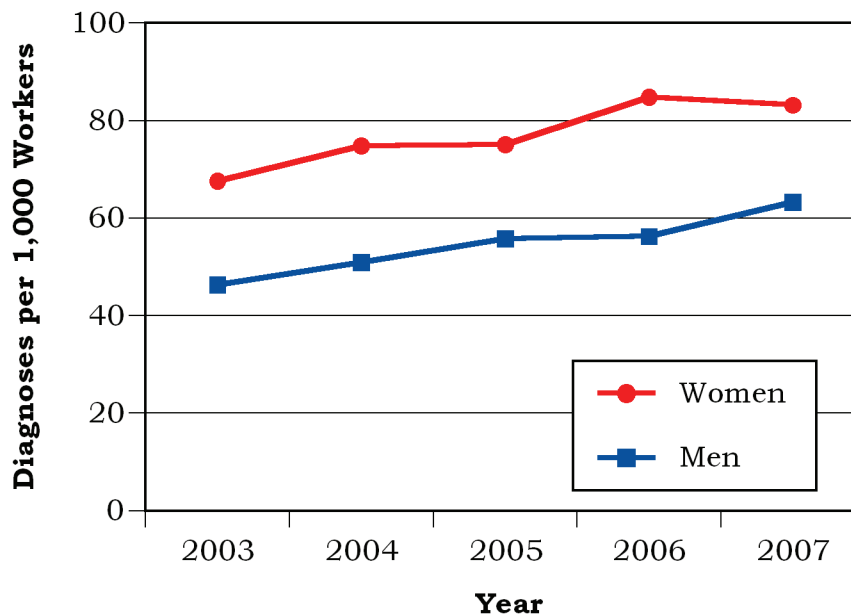
Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	10	15
		50+	12	5
	Administrative Support	<50	12	11
		50+	14	17
	Technical Support	<50	7	7
		50+	34	13
	Service	<50	44	43
		50+	53	24
	Security and Fire	<50	16	67
		50+	0	0
	Crafts	<50	0	0
		50+	21	0
	Line Operators	<50	0	0
		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	8	2
		50+	8	22
	Administrative Support	<50	6	17
		50+	12	25
	Technical Support	<50	30	0
		50+	22	0
	Service	<50	27	64
		50+	35	24
	Security and Fire	<50	20	33
		50+	91	0
	Crafts	<50	6	0
		50+	29	0
	Line Operators	<50	0	0
		50+	0	0

**Time Trends**

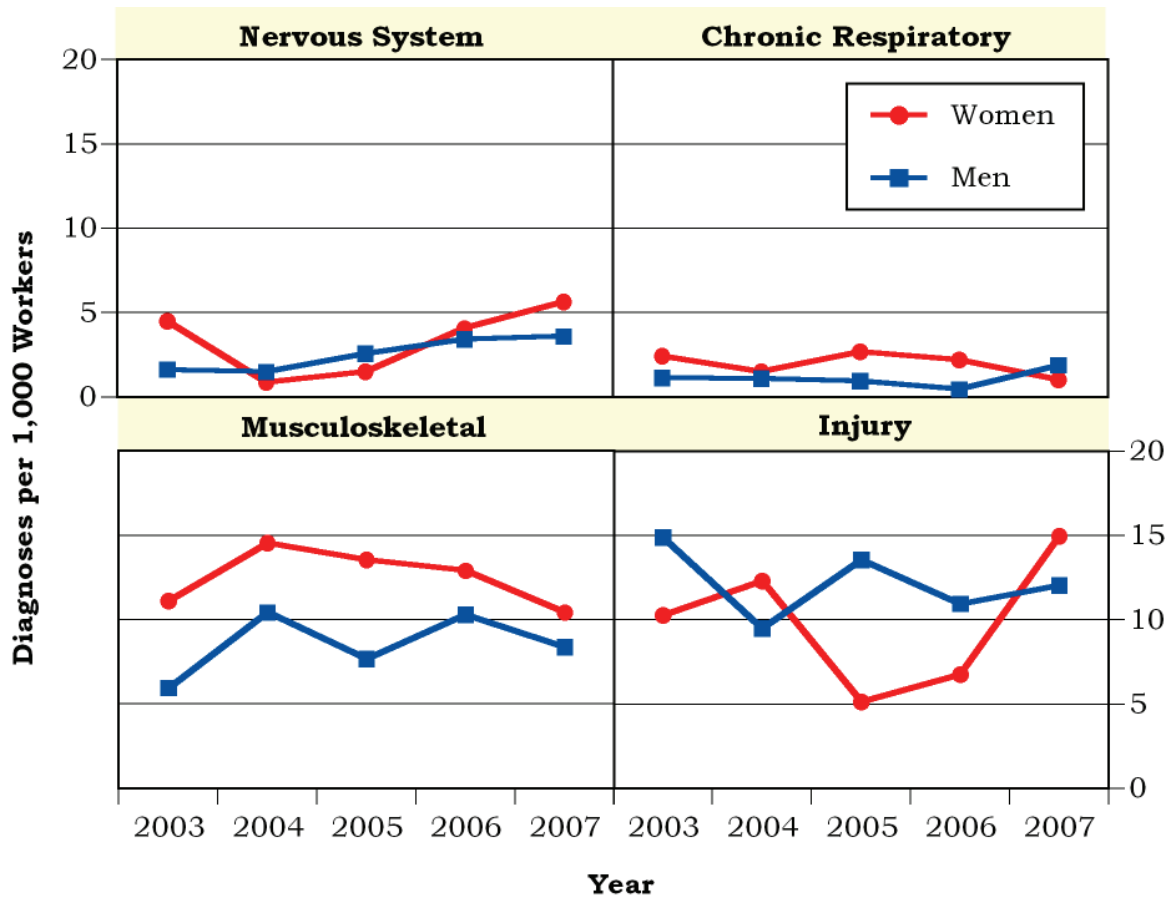
**Figure 13. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men from 2003 to 2007\***



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

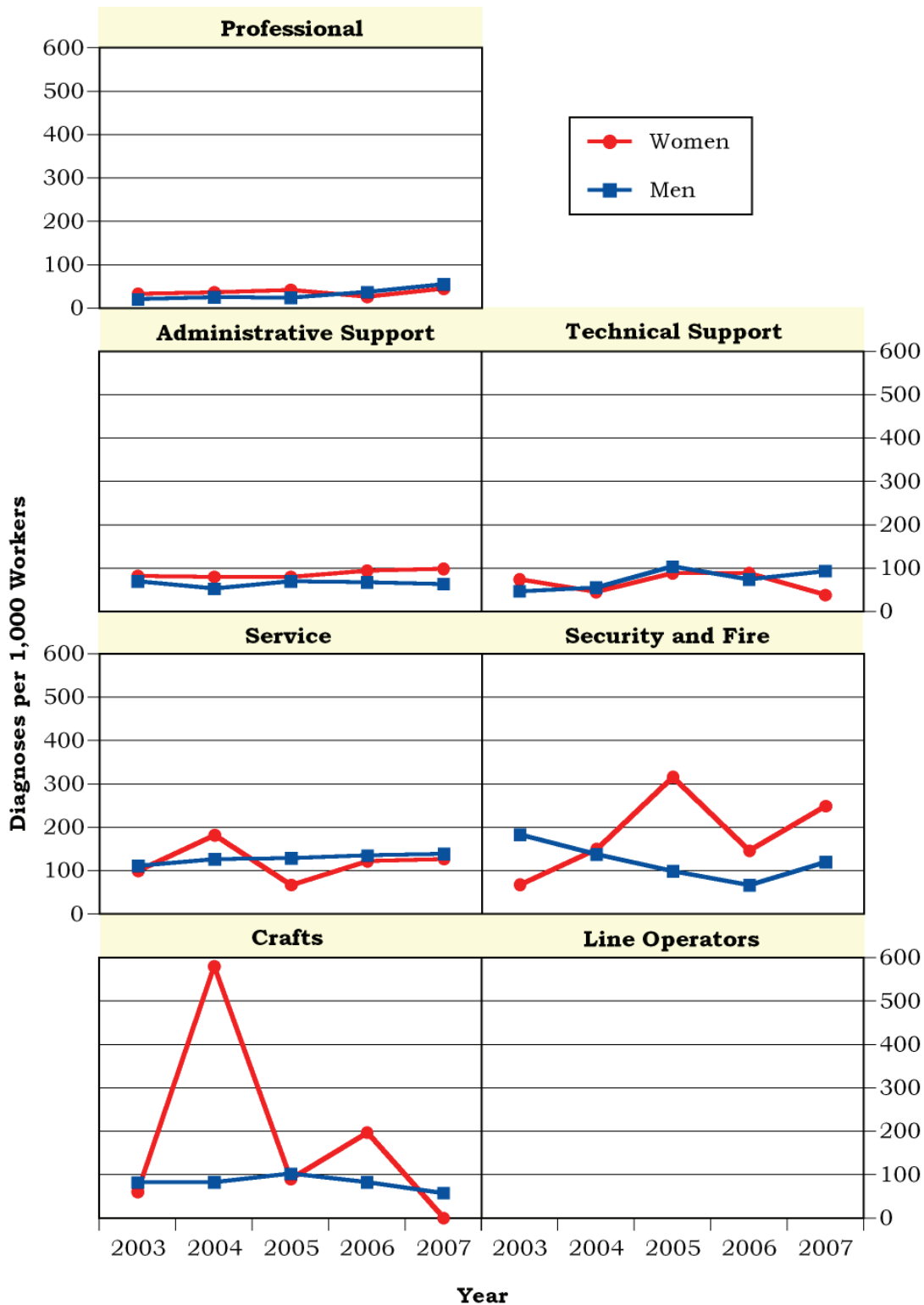


**Figure 14. Age-Adjusted Rates for Selected Diagnostic Categories Among Women and Men from 2003 to 2007\***



\* 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 2007\***



\* 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
<b>Definite</b>	<b>1</b>	<b>0</b>	<b>54</b>	<b>0</b>
<b>Possible</b>	<b>5</b>	<b>3</b>	<b>279</b>	<b>24</b>
<b>Total</b>	<b>6</b>	<b>3</b>	<b>333</b>	<b>24</b>

**Figure 17. SHEO Diagnoses by Gender**

Diagnoses	Gender	
	Women	Men
<b>Carpal Tunnel Syndrome</b>	<b>3</b>	<b>3</b>
<b>Pneumonconiosis (Berylliosis)</b>	<b>0</b>	<b>0</b>
<b>Musculoskeletal Conditions</b>	<b>0</b>	<b>1</b>
<b>Injuries</b>	<b>0</b>	<b>0</b>
<b>Other Conditions</b>	<b>0</b>	<b>2</b>

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 18. OSHA-Recordable Events by Gender and Age

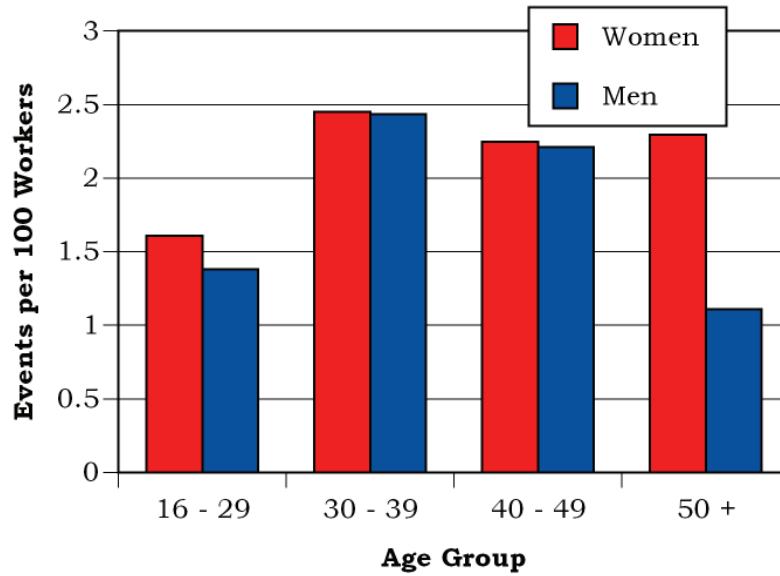
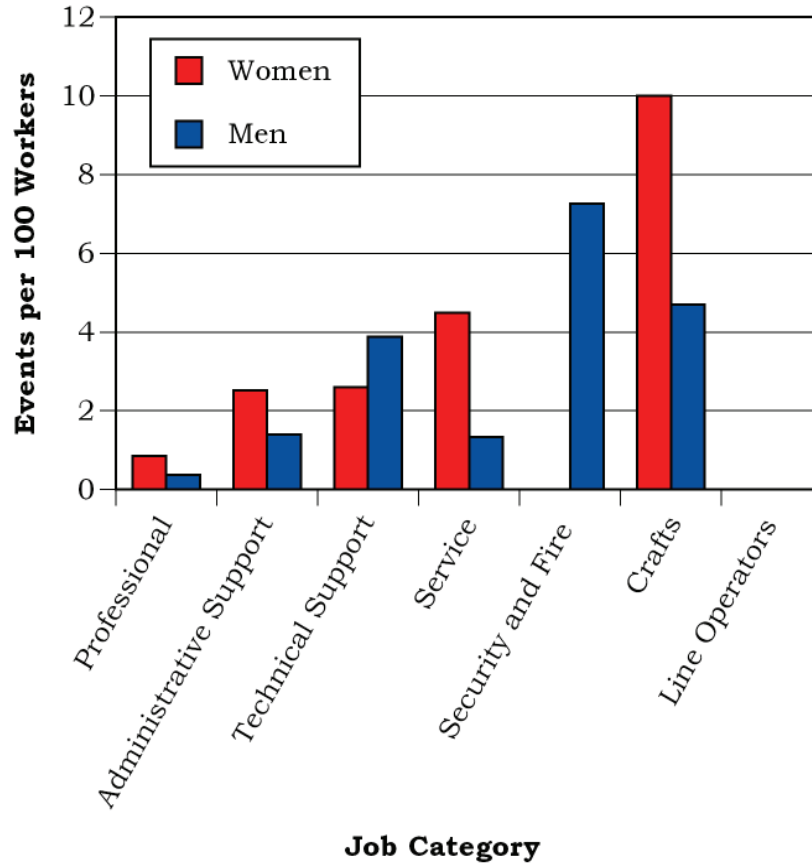


Figure 19. OSHA-Recordable Events by Job Category and Gender



## Diagnostic and Accident Categories for OSHA-Recordable Events

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

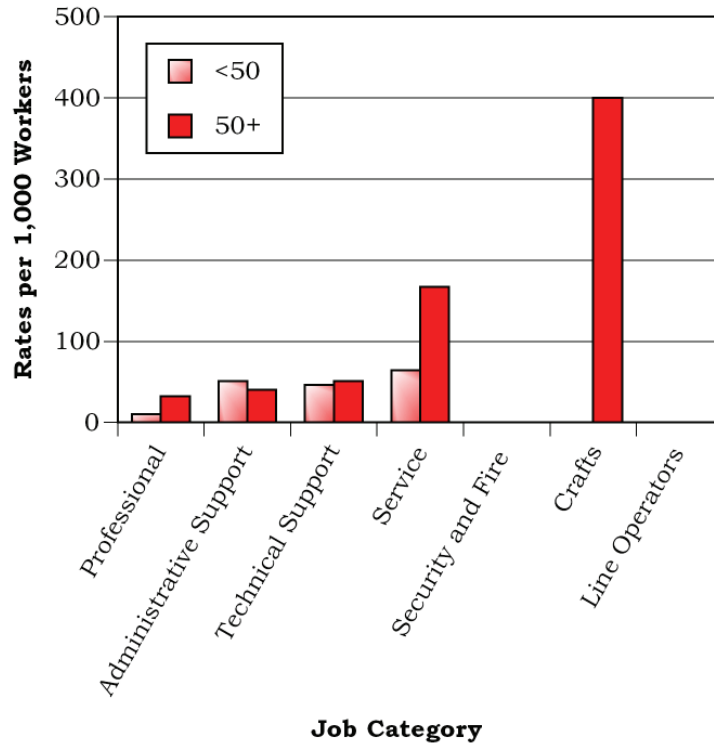
Diagnostic Category	Gender	
	Women	Men
Blood	0	1
Digestive	1	1
Infections/Parasites	1	1
Musculoskeletal	41	64
Nervous System	4	4
Respiratory	1	1
Skin	2	2
Unspecified Symptoms	9	13
Injury	54	92
Fractures – Upper Limb	1	3
Fractures – Lower Limb	0	1
Dislocations	0	3
Back Sprains & Strains	4	12
Other Sprains & Strains	15	28
Open Wounds – Head, Neck, Trunk	0	2
Open Wounds – Upper Limb	0	9
Open Wounds – Lower Limb	0	1
Superficial Injuries	2	1
Bruises	5	8
Foreign Bodies Entering Orifice	0	2
Burns	0	1
Unspecified Injuries	25	19
Adverse Reactions to Non-Medical Substances	2	1
Adverse Reactions to External Causes	0	1

**Figure 21. OSHA-Recordable Accidents by Type and Gender**

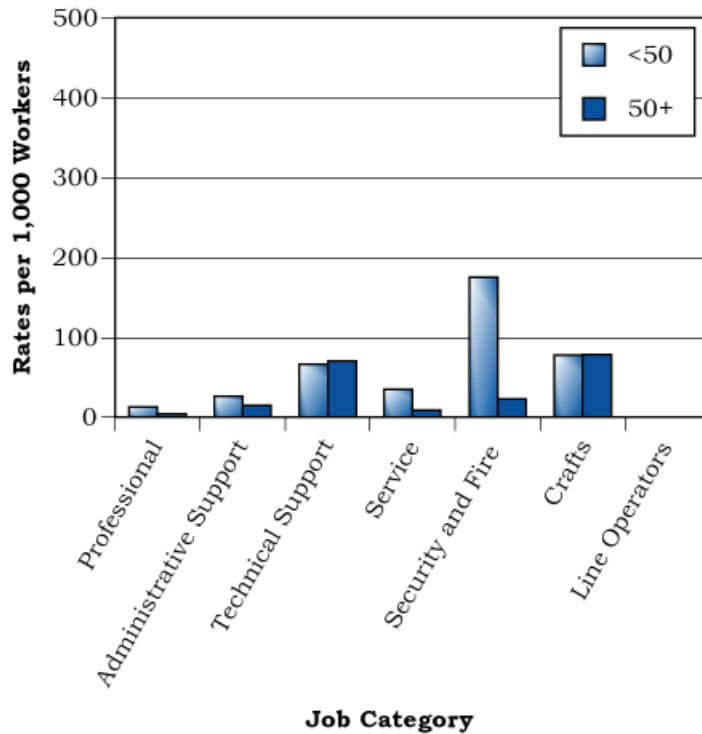
Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Motor Vehicle Traffic	1	0
Non-Motor Vehicle	0	2
Poisoning-Non-Medicinal	1	0
Falls	11	12
Natural/Environmental Factors	3	1
Submersion/Suffocation/Foreign Bodies	0	2
Other Accidents	41	71
Struck by an Object	3	4
Caught Between Objects	0	2
Cutting/Piercing Instrument/Object	1	7
Hot, Corrosive, or Caustic Material/ Steam	0	1
Overexertion/Strenuous Movements	10	39
Noise	0	1
Repetitive Trauma	27	17
Total	57	88

Rates of OSHA-Recordable Events

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



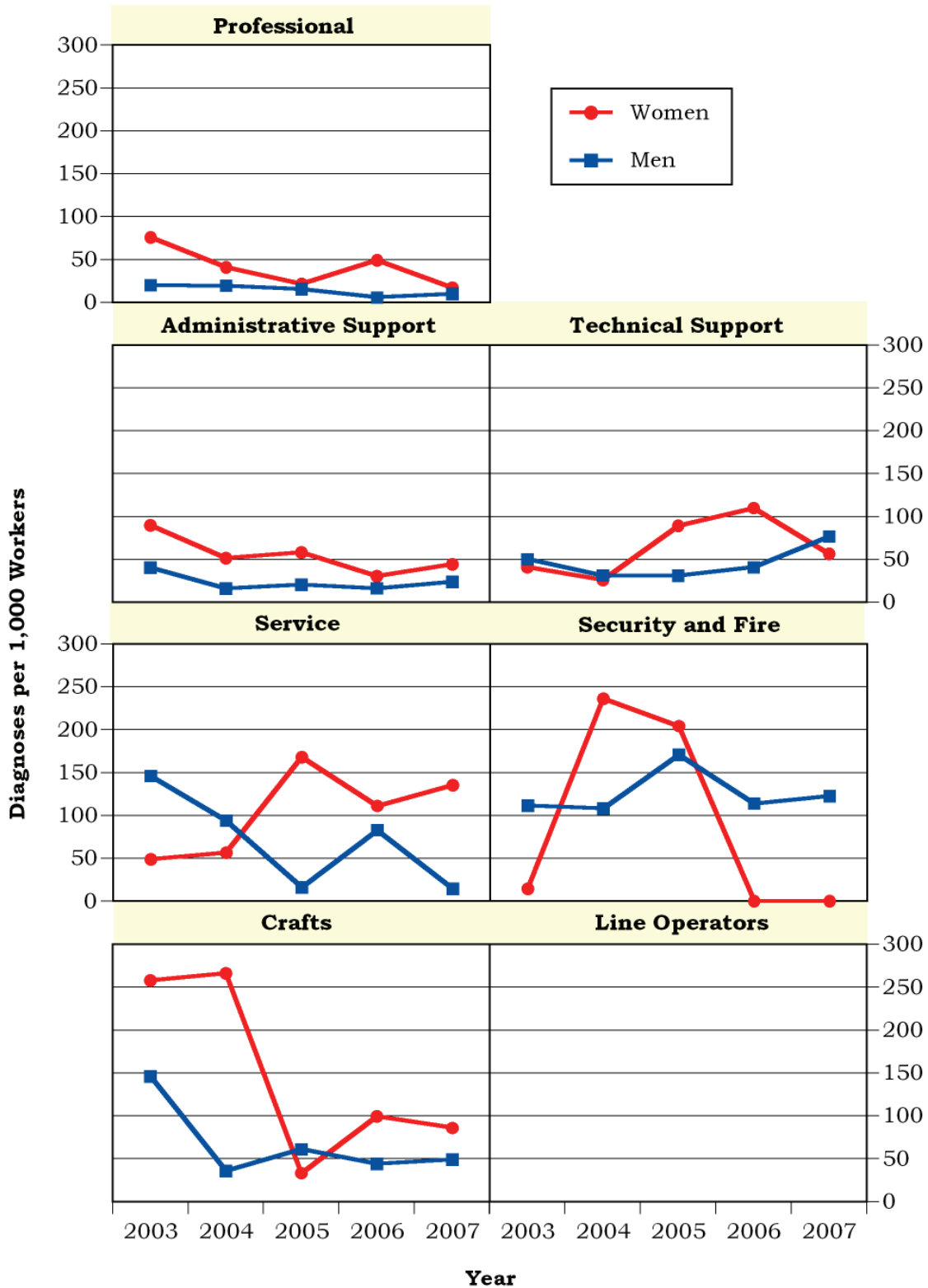
**Figure 23. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined**





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 2007\*



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

## **Appendices**

**Lawrence Livermore National Laboratory 2007**  
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	44	108	251	185	588	132	426	896	1,242	2,696	3,284
Administrative Support	220	229	612	643	1,704	324	168	408	812	1,712	3,416
Technical Support	38	51	63	79	231	37	121	246	267	671	902
Service	4	7	36	42	89	12	29	72	113	226	315
Security and Fire	5	12	13	5	35	60	86	99	44	289	324
Crafts	0	1	4	5	10	15	32	132	140	319	329
<b>TOTAL</b>	311	408	979	959	2,657	580	862	1,853	2,618	5,913	8,570

**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

## Lawrence Livermore National Laboratory 2007

### 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	1	13	12	27	4	13	35	74	126	153
Administrative Support	5	16	59	67	147	1	12	24	55	92	239
Technical Support	0	0	4	6	10	2	7	15	33	57	67
Service	0	1	2	5	8	0	4	11	16	31	39
Security and Fire	0	2	3	1	6	4	5	5	5	19	25
Crafts	0	0	0	0	0	0	2	7	13	22	22
<b>TOTAL</b>	6	20	81	91	198	11	43	97	196	347	545

\*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	1	14	12	28	5	14	38	79	136	164
Administrative Support	6	18	64	79	167	1	13	28	63	105	272
Technical Support	0	0	4	6	10	2	9	15	36	62	72
Service	0	1	3	5	9	0	5	11	16	32	41
Security and Fire	0	2	4	1	7	4	5	6	5	20	27
Crafts	0	0	0	0	0	0	2	7	13	22	22
<b>TOTAL</b>	7	22	89	103	221	12	48	105	212	377	598

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

**Lawrence Livermore National Laboratory 2007  
Absence Data**

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

# of Calendar Days	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
< 15	4	13	45	52	114	8	27	70	119	224	338
15 - 28	3	1	12	24	40	1	9	19	42	71	111
29 - 42	0	1	10	7	18	2	6	5	18	31	49
43 - 56	0	2	7	6	15	0	3	2	7	12	27
57 - 91	0	2	9	7	18	1	2	5	15	23	41
92 - 182	0	2	4	3	9	0	1	2	10	13	22
183 +	0	1	2	4	7	0	0	2	1	3	10
<b>TOTAL</b>	7	22	89	103	221	12	48	105	212	377	598

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

# Lawrence Livermore National Laboratory 2007

## Absence Data

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

#### Women

# of Calendar Days	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
< 15	18	86	4	4	2	0	114
15 - 28	6	30	2	1	1	0	40
29 - 42	1	17	0	0	0	0	18
43 - 56	1	10	1	1	2	0	15
57 - 91	0	16	1	1	0	0	18
92 - 182	0	4	1	2	2	0	9
183 +	2	4	1	0	0	0	7
<b>TOTAL</b>	28	167	10	9	7	0	221

#### Men

# of Calendar Days	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
< 15	94	59	33	15	10	13	224
15 - 28	26	21	13	6	3	2	71
29 - 42	7	9	8	3	4	0	31
43 - 56	1	5	1	3	1	1	12
57 - 91	4	5	4	4	2	4	23
92 - 182	3	5	2	1	0	2	13
183 +	1	1	1	0	0	0	3
<b>TOTAL</b>	136	105	62	32	20	22	377

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

# Lawrence Livermore National Laboratory 2007

## 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					
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	2	1	3	3	9
-Intestinal Infectious Dis	001-009	0	0	2	1	3
-Other Bacterial Dis	030-041	1	1	0	0	2
-Viral Dis with Exanthem	050-057	0	0	0	1	1
-Other Viral Dis & Chlamydiae	070-079	1	0	1	1	3
-Other Infections & Parasitic Dis	130-136	0	0	0	0	0
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	0	0	5	11	16
-Digestive & Peritoneal	150-159	0	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0
-Breast	174-175	0	0	4	8	12
-Genitourinary	179-189	0	0	1	3	4
-Lymphatic & Hematopoietic	200-208	0	0	0	0	0
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	0	4	5	4	13
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	0	2	1	3
-Thyroid Gland Disorders	240-246	0	0	0	0	0
-Other Endocrine Gland Dis	250-259	0	0	0	0	0
-Other Metabolic & Immunity Disorders	270-279	0	0	2	1	3
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	0	0	1	1	2
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	3	1	1	5
-Non-Psychotic Disorders	300-302, 306-316	0	3	1	1	5
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	2	0	9	7	18
-Hereditary/Degenerative Central NS Dis	330-337	0	0	0	0	0
-Other Disorders of Central NS	340-349	0	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	2	2	4
-Disorders of Eye	360-379	0	0	1	5	6
-Dis of Ear & Mastoid	380-389	2	0	6	0	8
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	0	0	3	4	7
-Chronic Rheumatic Heart Dis	393-398	0	0	0	0	0
-Hypertensive Dis	401-405	0	0	0	1	1
-Ischemic Heart Dis	410-414	0	0	0	1	1
-Other Heart Dis	420-429	0	0	0	0	0
-Cerebrovascular Dis	430-438	0	0	0	1	1
-Dis of Arteries & Capillaries	440-448	0	0	2	1	3
-Dis of Veins, Lymphatics, Other	451-459	0	0	1	0	1
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	1	4	18	14	37
-Acute Respiratory Infections	460-466	0	3	11	5	19
-Other Dis Upper Respiratory Tract	470-478	0	1	1	2	4

(Continued)

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



# Lawrence Livermore National Laboratory 2007

## Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	2	7	11	15	35	44	
-Intestinal Infectious Dis	001-009	0	2	1	4	7	10	
-Other Bacterial Dis	030-041	0	2	2	4	8	10	
-Viral Dis with Exanthem	050-057	0	1	2	0	3	4	
-Other Viral Dis & Chlamydiae	070-079	2	2	6	5	15	18	
-Other Infections & Parasitic Dis	130-136	0	0	0	2	2	2	
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	0	0	2	14	16	32	
-Digestive & Peritoneal	150-159	0	0	0	2	2	2	
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	3	3	3	
-Breast	174-175	0	0	0	0	0	12	
-Genitourinary	179-189	0	0	1	9	10	14	
-Lymphatic & Hematopoietic	200-208	0	0	1	0	1	1	
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	0	1	2	4	7	20	
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	0	3	3	6	9	
-Thyroid Gland Disorders	240-246	0	0	1	0	1	1	
-Other Endocrine Gland Dis	250-259	0	0	0	2	2	2	
-Other Metabolic & Immunity Disorders	270-279	0	0	2	1	3	6	
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	0	1	0	0	1	3	
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	1	1	1	3	8	
-Non-Psychotic Disorders	300-302, 306-316	0	1	1	1	3	8	
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	2	2	7	12	23	41	
-Hereditary/Degenerative Central NS Dis	330-337	0	0	1	0	1	1	
-Other Disorders of Central NS	340-349	0	0	0	1	1	1	
-Disorders of Peripheral NS	350-359	0	1	2	2	5	9	
-Disorders of Eye	360-379	2	1	2	8	13	19	
-Dis of Ear & Mastoid	380-389	0	0	2	1	3	11	
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	0	3	5	18	26	33	
-Chronic Rheumatic Heart Dis	393-398	0	0	1	0	1	1	
-Hypertensive Dis	401-405	0	0	0	1	1	2	
-Ischemic Heart Dis	410-414	0	2	0	5	7	8	
-Other Heart Dis	420-429	0	1	1	5	7	7	
-Cerebrovascular Dis	430-438	0	0	0	1	1	2	
-Dis of Arteries & Capillaries	440-448	0	0	0	2	2	5	
-Dis of Veins, Lymphatics, Other	451-459	0	0	3	4	7	8	
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	6	13	19	44	82	119	
-Acute Respiratory Infections	460-466	4	1	5	21	31	50	
-Other Dis Upper Respiratory Tract	470-478	0	2	4	6	12	16	

(Continued)

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

# Lawrence Livermore National Laboratory 2007

## Absence Data

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

		Women					TOTAL
		Age Group					
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
-Pneumonia & Influenza	480-487	1	0	4	5	10	
-Chronic Obstructive Dis	490-496	0	0	2	1	3	
-Other Respiratory Dis	510-519	0	0	0	1	1	
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	2	4	9	15	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	1	1	
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0	
-Appendicitis	540-543	0	0	0	1	1	
-Hernia	550-553	0	0	2	2	4	
-Enteritis, Colitis	555-558	0	0	0	2	2	
-Other Intestinal Dis	560-569	0	0	0	3	3	
-Other Digestive Dis	570-579	0	2	2	0	4	
<b>GENTOURINARY SYSTEM</b>	<b>580-629</b>	1	4	9	14	28	
-Nephritis, Nephrosis	580-589	0	0	0	0	0	
-Other Urinary Dis	590-599	1	0	1	1	3	
-Male Genital Organ Dis	600-608	0	0	0	0	0	
-Breast Disorders	610-611	0	2	0	3	5	
-Other Female Disorders	617-629	0	2	8	10	20	
<b>PREGNANCY &amp; CHILDBIRTH</b>	<b>630-677</b>	1	2	0	0	3	
-Ectopic & Molar Pregnancy	630-633	1	0	0	0	1	
-Pregnancy with Abortive Outcome	634-639	0	2	0	0	2	
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	0	1	2	3	
-Infections	680-686	0	0	0	0	0	
-Other	700-709	0	0	1	2	3	
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	0	2	13	20	35	
-Arthropathies	710-719	0	0	4	6	10	
-Dorsopathies	720-724	0	2	1	4	7	
-Rheumatism, Excluding Back	725-729	0	0	5	10	15	
-Other Dis & Acquired Deformities	730-739	0	0	3	0	3	
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	0	0	9	8	17	
-Symptoms	780-789	0	0	8	8	16	
-Ill-Defined & Unknown Causes	797-799	0	0	1	0	1	
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	2	3	18	21	44	
-Fracture - Skull	800-804	0	0	0	1	1	
-Fracture - Neck, Trunk	805-809	0	0	0	2	2	
-Fracture - Upper Limb	810-819	0	0	1	2	3	
-Fracture - Lower Limb	820-829	0	1	4	5	10	

(Continued)

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

# Lawrence Livermore National Laboratory 2007

## Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
-Pneumonia & Influenza	480-487	1	4	6	15	26	36	
-Chronic Obstructive Dis	490-496	1	4	2	1	8	11	
-Other Respiratory Dis	510-519	0	2	2	1	5	6	
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	9	20	26	55	70	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	3	2	0	5	6	
-Esophagus, Stomach, Duodenum	530-537	0	0	3	1	4	4	
-Appendicitis	540-543	0	0	0	2	2	3	
-Hernia	550-553	0	1	6	15	22	26	
-Enteritis, Colitis	555-558	0	1	2	3	6	8	
-Other Intestinal Dis	560-569	0	2	2	3	7	10	
-Other Digestive Dis	570-579	0	2	5	2	9	13	
<b>GENTOURINARY SYSTEM</b>	<b>580-629</b>	0	0	4	6	10	38	
-Nephritis, Nephrosis	580-589	0	0	1	1	2	2	
-Other Urinary Dis	590-599	0	0	1	2	3	6	
-Male Genital Organ Dis	600-608	0	0	2	2	4	4	
-Breast Disorders	610-611	0	0	0	1	1	6	
-Other Female Disorders	617-629	0	0	0	0	0	20	
<b>PREGNANCY &amp; CHILDBIRTH</b>	<b>630-677</b>	0	0	0	0	0	3	
-Ectopic & Molar Pregnancy	630-633	0	0	0	0	0	1	
-Pregnancy with Abortive Outcome	634-639	0	0	0	0	0	2	
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	1	0	5	6	9	
-Infections	680-686	0	1	0	5	6	6	
-Other	700-709	0	0	0	0	0	3	
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	3	3	18	40	64	99	
-Arthropathies	710-719	0	0	3	16	19	29	
-Dorsopathies	720-724	3	3	10	14	30	37	
-Rheumatism, Excluding Back	725-729	0	0	3	9	12	27	
-Other Dis & Acquired Deformities	730-739	0	0	2	1	3	6	
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	1	1	7	19	28	45	
-Symptoms	780-789	1	1	7	19	28	44	
-Ill-Defined & Unknown Causes	797-799	0	0	0	0	0	1	
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	5	13	19	38	75	119	
-Fracture - Skull	800-804	0	0	0	0	0	1	
-Fracture - Neck, Trunk	805-809	0	0	0	2	2	4	
-Fracture - Upper Limb	810-819	0	4	1	1	6	9	
-Fracture - Lower Limb	820-829	2	0	2	3	7	17	

(Continued)

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

# Lawrence Livermore National Laboratory 2007

## Absence Data

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

		Women					TOTAL
		Age Group					
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
-Dislocation	830-839	0	0	3	4	7	
-Sprains & Strains - Back	846-847	0	1	2	0	3	
-Sprains & Strains - Other	840-845, 848	0	1	3	5	9	
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	1	0	1	
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1	1	
-Open Wound - Upper Limb	880-887	0	0	0	0	0	
-Open Wound - Lower Limb	890-897	1	0	0	0	1	
-Superficial Injury	910-919	0	0	0	0	0	
-Contusion	920-924	0	0	0	0	0	
-Burns	940-949	0	0	0	0	0	
-Complications & Unspecified Injuries	958-959	0	0	1	1	2	
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	
-Complications of Surgical/Medical Care	996-999	1	0	3	0	4	
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	1	1	4	6	
-Isolation & Prophylactic Measures	V07-V09	0	0	0	0	0	
-Personal & Family History	V10-V19	0	0	0	0	0	
-Health Services Reproduction/Development	V20-V29	0	0	0	0	0	
-Health Status	V40-V49	0	0	0	0	0	
-Specific Procedures/Aftercare	V50-V59	0	1	1	4	6	
-Other Circumstances	V60-V69	0	0	0	0	0	

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

# Lawrence Livermore National Laboratory 2007

## Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
-Dislocation	830-839	0	3	2	7	12	19	
-Sprains & Strains - Back	846-847	1	1	0	7	9	12	
-Sprains & Strains - Other	840-845, 848	0	3	12	9	24	33	
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	0	0	1	
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	1	
-Open Wound - Upper Limb	880-887	1	0	0	0	1	1	
-Open Wound - Lower Limb	890-897	1	0	0	2	3	4	
-Superficial Injury	910-919	0	0	0	1	1	1	
-Contusion	920-924	0	0	1	1	2	2	
-Burns	940-949	0	0	0	2	2	2	
-Complications & Unspecified Injuries	958-959	0	2	0	1	3	5	
-Unspecified Effects - External Causes	990-995	0	0	1	1	2	2	
-Complications of Surgical/Medical Care	996-999	0	0	0	1	1	5	
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	1	3	3	8	14	
-Isolation & Prophylactic Measures	V07-V09	0	1	0	0	1	1	
-Personal & Family History	V10-V19	0	0	0	1	1	1	
-Health Services Reproduction/Development	V20-V29	1	0	1	0	2	2	
-Health Status	V40-V49	0	0	0	1	1	1	
-Specific Procedures/Aftercare	V50-V59	0	0	1	1	2	8	
-Other Circumstances	V60-V69	0	0	1	0	1	1	

Diagnostic Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Total	9	26	102	124	261	20	56	121	248	445	706

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

**Lawrence Livermore National Laboratory 2007**

**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	6	6	20	17	49
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	359	460	819
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	178	206	216	600
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	123	9	132
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	14	426	440
MENTAL DISORDERS	290-319	0	425	14	15	454
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	18	0	131	50	199
CIRCULATORY SYSTEM	390-459	0	0	102	97	199
RESPIRATORY SYSTEM	460-519	9	18	227	228	482
DIGESTIVE SYSTEM	520-579	0	62	108	609	779
GENTOURINARY SYSTEM	580-629	8	321	313	289	931
PREGNANCY & CHILDBIRTH	630-677	27	40	0	0	67
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	20	57	77
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	19	953	1,162	2,134
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	332	49	381
INJURY & POISONING	800-999	27	447	419	914	1,807

\*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 2007

## Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	17	83	92	519	711	760	
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	214	741	955	1,774	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	32	28	135	195	795	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	36	160	196	328	
BLOOD & BLOOD-FORMING ORGANS	280-289	0	66	0	0	66	506	
MENTAL DISORDERS	290-319	0	31	9	43	83	537	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	109	22	106	429	666	865	
CIRCULATORY SYSTEM	390-459	0	78	204	648	930	1,129	
RESPIRATORY SYSTEM	460-519	32	114	140	429	715	1,197	
DIGESTIVE SYSTEM	520-579	0	155	405	536	1,096	1,875	
GENTOURINARY SYSTEM	580-629	0	0	221	75	296	1,227	
PREGNANCY & CHILDBIRTH	630-677	0	0	0	0	0	67	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	4	0	207	211	288	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	11	169	573	1,155	1,908	4,042	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	3	6	52	324	385	766	
INJURY & POISONING	800-999	71	255	410	1,219	1,955	3,762	

\*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 2007

## Absence Data

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

		Women					
		Job Category					TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	
Diagnostic Category	ICD-9-CM Code						
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	3	6	0	0	0	9
-Intestinal Infectious Dis	001-009	2	1	0	0	0	3
-Other Bacterial Dis	030-041	0	2	0	0	0	2
-Viral Dis with Exanthem	050-057	0	1	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	1	2	0	0	0	3
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	0	13	1	0	2	16
-Breast	174-175	0	11	1	0	0	12
-Genitourinary	179-189	0	2	0	0	2	4
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	1	10	1	1	0	13
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	3	0	0	0	3
-Other Metabolic & Immunity Disorders	270-279	0	3	0	0	0	3
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	1	1	0	0	0	2
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	5	0	0	0	5
-Non-Psychotic Disorders	300-302, 306-316	0	5	0	0	0	5
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	3	15	0	0	0	18
-Disorders of Peripheral NS	350-359	1	3	0	0	0	4
-Disorders of Eye	360-379	1	5	0	0	0	6
-Dis of Ear & Mastoid	380-389	1	7	0	0	0	8
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	1	5	1	0	0	7
-Hypertensive Dis	401-405	0	1	0	0	0	1
-Ischemic Heart Dis	410-414	0	1	0	0	0	1
-Cerebrovascular Dis	430-438	1	0	0	0	0	1
-Dis of Arteries & Capillaries	440-448	0	3	0	0	0	3
-Dis of Veins, Lymphatics, Other	451-459	0	0	1	0	0	1
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	7	23	2	3	2	37
-Acute Respiratory Infections	460-466	4	11	0	2	2	19
-Other Dis Upper Respiratory Tract	470-478	1	2	0	1	0	4
-Pneumonia & Influenza	480-487	2	7	1	0	0	10
-Chronic Obstructive Dis	490-496	0	2	1	0	0	3
-Other Respiratory Dis	510-519	0	1	0	0	0	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	3	10	1	1	0	15
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	0	0	1
-Appendicitis	540-543	0	1	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 2007

## Absence Data

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

		Women					
		Job Category					TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	
Diagnostic Category	ICD-9-CM Code						
-Hernia	550-553	1	2	0	1	0	4
-Enteritis, Colitis	555-558	1	1	0	0	0	2
-Other Intestinal Dis	560-569	1	2	0	0	0	3
-Other Digestive Dis	570-579	0	4	0	0	0	4
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	2	25	0	0	1	28
-Other Urinary Dis	590-599	0	3	0	0	0	3
-Breast Disorders	610-611	1	4	0	0	0	5
-Other Female Disorders	617-629	1	18	0	0	1	20
<b>PREGNANCY &amp; CHILDBIRTH</b>	<b>630-677</b>	0	3	0	0	0	3
-Ectopic & Molar Pregnancy	630-633	0	1	0	0	0	1
-Pregnancy with Abortive Outcome	634-639	0	2	0	0	0	2
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	3	0	0	0	3
-Other	700-709	0	3	0	0	0	3
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	5	22	3	1	4	35
-Arthropathies	710-719	1	4	2	0	3	10
-Dorsopathies	720-724	2	5	0	0	0	7
-Rheumatism, Excluding Back	725-729	2	10	1	1	1	15
-Other Dis & Acquired Deformities	730-739	0	3	0	0	0	3
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	1	12	2	1	1	17
-Symptoms	780-789	1	11	2	1	1	16
-Ill-Defined & Unknown Causes	797-799	0	1	0	0	0	1
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	5	34	0	4	1	44
-Fracture - Skull	800-804	0	0	0	1	0	1
-Fracture - Neck, Trunk	805-809	1	1	0	0	0	2
-Fracture - Upper Limb	810-819	0	3	0	0	0	3
-Fracture - Lower Limb	820-829	2	6	0	1	1	10
-Dislocation	830-839	1	6	0	0	0	7
-Sprains & Strains - Back	846-847	0	3	0	0	0	3
-Sprains & Strains - Other	840-845, 848	1	8	0	0	0	9
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	1	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	1	0	0	0	1
-Open Wound - Lower Limb	890-897	0	1	0	0	0	1
-Complications & Unspecified Injuries	958-959	0	2	0	0	0	2

(Continued)

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

**Lawrence Livermore National Laboratory 2007**

**Absence Data**

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

		Women					
		Job Category					TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	
Diagnostic Category	ICD-9-CM Code						
-Complications of Surgical/Medical Care	996-999	0	2	0	2	0	4
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	5	0	0	0	6
-Specific Procedures/Aftercare	V50-V59	1	5	0	0	0	6

Diagnostic Category	Women					
	Job Category					TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	
<b>Total</b>	33	195	11	11	11	261

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

# Lawrence Livermore National Laboratory 2007

## Absence Data

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

Diagnostic Category		Men						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
	ICD-9-CM Code							
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	16	6	4	4	3	2	35
-Intestinal Infectious Dis	001-009	3	1	1	1	1	0	7
-Other Bacterial Dis	030-041	4	2	0	1	0	1	8
-Viral Dis with Exanthem	050-057	3	0	0	0	0	0	3
-Other Viral Dis & Chlamydiae	070-079	6	2	3	1	2	1	15
-Other Infections & Parasitic Dis	130-136	0	1	0	1	0	0	2
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	6	6	2	1	1	0	16
-Digestive & Peritoneal	150-159	0	2	0	0	0	0	2
-Bone, Connective Tissue, Skin	170-173, 176	2	1	0	0	0	0	3
-Genitourinary	179-189	4	2	2	1	1	0	10
-Lymphatic & Hematopoietic	200-208	0	1	0	0	0	0	1
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	2	4	1	0	0	0	7
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	2	2	1	0	0	1	6
-Thyroid Gland Disorders	240-246	0	1	0	0	0	0	1
-Other Endocrine Gland Dis	250-259	1	0	0	0	0	1	2
-Other Metabolic & Immunity Disorders	270-279	1	1	1	0	0	0	3
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	0	0	0	0	0	1	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	1	1	0	1	0	0	3
-Non-Psychotic Disorders	300-302, 306-316	1	1	0	1	0	0	3
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	9	8	3	2	0	1	23
-Hereditary/Degenerative Central NS Dis	330-337	0	1	0	0	0	0	1
-Other Disorders of Central NS	340-349	0	1	0	0	0	0	1
-Disorders of Peripheral NS	350-359	0	4	1	0	0	0	5
-Disorders of Eye	360-379	9	1	1	2	0	0	13
-Dis of Ear & Mastoid	380-389	0	1	1	0	0	1	3
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	13	8	2	1	1	1	26
-Chronic Rheumatic Heart Dis	393-398	0	0	0	1	0	0	1
-Hypertensive Dis	401-405	1	0	0	0	0	0	1
-Ischemic Heart Dis	410-414	3	3	1	0	0	0	7
-Other Heart Dis	420-429	5	1	0	0	1	0	7
-Cerebrovascular Dis	430-438	1	0	0	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 2007

## Absence Data

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

Diagnostic Category		Men						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
ICD-9-CM Code								
-Dis of Arteries & Capillaries	440-448	1	1	0	0	0	0	2
-Dis of Veins, Lymphatics, Other	451-459	2	3	1	0	0	1	7
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	30	22	12	11	4	3	82
-Acute Respiratory Infections	460-466	13	6	6	4	2	0	31
-Other Dis Upper Respiratory Tract	470-478	5	4	2	1	0	0	12
-Pneumonia & Influenza	480-487	8	8	3	4	0	3	26
-Chronic Obstructive Dis	490-496	2	2	0	2	2	0	8
-Other Respiratory Dis	510-519	2	2	1	0	0	0	5
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	17	15	12	8	0	3	55
-Oral Cavity, Saliva Glands, Jaw	520-529	2	1	1	0	0	1	5
-Esophagus, Stomach, Duodenum	530-537	0	3	1	0	0	0	4
-Appendicitis	540-543	0	0	0	1	0	1	2
-Hernia	550-553	7	7	3	4	0	1	22
-Enteritis, Colitis	555-558	3	1	1	1	0	0	6
-Other Intestinal Dis	560-569	1	2	3	1	0	0	7
-Other Digestive Dis	570-579	4	1	3	1	0	0	9
<b>GENTOURINARY SYSTEM</b>	<b>580-629</b>	3	5	1	0	0	1	10
-Nephritis, Nephrosis	580-589	0	1	0	0	0	1	2
-Other Urinary Dis	590-599	0	2	1	0	0	0	3
-Male Genital Organ Dis	600-608	3	1	0	0	0	0	4
-Breast Disorders	610-611	0	1	0	0	0	0	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	1	3	1	0	1	0	6
-Infections	680-686	1	3	1	0	1	0	6
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	26	14	7	3	7	7	64
-Arthropathies	710-719	5	6	3	1	0	4	19
-Dorsopathies	720-724	14	6	2	0	5	3	30
-Rheumatism, Excluding Back	725-729	6	2	1	1	2	0	12
-Other Dis & Acquired Deformities	730-739	1	0	1	1	0	0	3
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	9	9	7	2	0	1	28
-Symptoms	780-789	9	9	7	2	0	1	28
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	21	15	18	7	9	5	75
-Fracture - Neck, Trunk	805-809	1	0	0	0	0	1	2
-Fracture - Upper Limb	810-819	1	0	2	0	3	0	6

(Continued)

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

# Lawrence Livermore National Laboratory 2007

## Absence Data

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

Diagnostic Category		Men						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
	ICD-9-CM Code							
-Fracture - Lower Limb	820-829	1	3	2	1	0	0	7
-Dislocation	830-839	1	2	3	4	1	1	12
-Sprains & Strains - Back	846-847	5	0	1	0	3	0	9
-Sprains & Strains - Other	840-845, 848	8	4	8	1	1	2	24
-Open Wound - Upper Limb	880-887	1	0	0	0	0	0	1
-Open Wound - Lower Limb	890-897	0	2	0	0	1	0	3
-Superficial Injury	910-919	0	0	0	0	0	1	1
-Contusion	920-924	1	0	1	0	0	0	2
-Burns	940-949	1	1	0	0	0	0	2
-Complications & Unspecified Injuries	958-959	1	1	0	1	0	0	3
-Unspecified Effects - External Causes	990-995	0	1	1	0	0	0	2
-Complications of Surgical/Medical Care	996-999	0	1	0	0	0	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	3	0	1	0	1	3	8
-Isolation & Prophylactic Measures	V07-V09	0	0	0	0	0	1	1
-Personal & Family History	V10-V19	1	0	0	0	0	0	1
-Health Services Reproduction/Development	V20-V29	0	0	1	0	0	1	2
-Health Status	V40-V49	1	0	0	0	0	0	1
-Specific Procedures/Aftercare	V50-V59	1	0	0	0	0	1	2
-Other Circumstances	V60-V69	0	0	0	0	1	0	1

Diagnostic Category	Men						
	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Total	159	118	72	40	27	29	445

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

# Lawrence Livermore National Laboratory 2007

## Absence Data

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

Diagnostic Category		Women						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire		
	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	20	29	0	0	0	49	
MALIGNANT NEOPLASMS	140-208, 230-234	0	803	12	0	4	819	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	44	462	47	47	0	600	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	132	0	0	0	132	
BLOOD & BLOOD-FORMING ORGANS	280-289	426	14	0	0	0	440	
MENTAL DISORDERS	290-319	0	454	0	0	0	454	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	31	168	0	0	0	199	
CIRCULATORY SYSTEM	390-459	4	169	26	0	0	199	
RESPIRATORY SYSTEM	460-519	48	364	34	17	19	482	
DIGESTIVE SYSTEM	520-579	456	239	22	62	0	779	
GENITOURINARY SYSTEM	580-629	40	887	0	0	4	931	
PREGNANCY & CHILDBIRTH	630-677	0	67	0	0	0	67	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	77	0	0	0	77	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	476	1,125	283	26	224	2,134	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	3	193	169	1	15	381	
INJURY & POISONING	800-999	553	894	0	211	149	1,807	

Diagnostic Category		Men						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	486	65	26	75	25	34	711
MALIGNANT NEOPLASMS	140-208, 230-234	271	483	71	60	70	0	955
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	36	147	12	0	0	0	195
ENDOCRINE/METABOLIC/IMMUNITY	240-279	12	43	5	0	0	136	196
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	0	66	66
MENTAL DISORDERS	290-319	9	43	0	31	0	0	83

(Continued)

\*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 2007**

**Absence Data**

**Appendix J. Total Number of Calendar Days Absent 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	ICD-9-CM Code							
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	176	278	156	55	0	1	666
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	502	112	105	173	27	11	930
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	235	216	124	94	19	27	715
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	212	214	403	234	0	33	1,096
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	54	224	7	0	0	11	296
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	117	75	15	0	4	0	211
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	498	426	425	53	95	411	1,908
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	224	80	56	12	0	13	385
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	217	588	369	274	212	295	1,955

\*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 2007

## 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				
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	35	5.7	3.9	8.4
-Intestinal Infectious Dis	001-009	7	1.1	0.5	2.5
-Other Bacterial Dis	030-041	8	1.2	0.6	2.6
-Viral Dis with Exanthem	050-057	3	0.5	0.2	1.8
-Other Viral Dis & Chlamydiae	070-079	15	2.7	1.4	4.9
-Other Infections & Parasitic Dis	130-136	2	0.2	0.0	0.8
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	16	1.7	1.0	2.8
-Digestive & Peritoneal	150-159	2	0.2	0.0	0.8
-Bone, Connective Tissue, Skin	170-173, 176	3	0.3	0.1	1.0
-Genitourinary	179-189	10	1.1	0.6	2.0
-Lymphatic & Hematopoietic	200-208	1	0.1	0.0	0.9
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	7	1.0	0.4	2.1
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	6	0.7	0.3	1.5
-Thyroid Gland Disorders	240-246	1	0.1	0.0	0.9
-Other Endocrine Gland Dis	250-259	2	0.2	0.0	0.8
-Other Metabolic & Immunity Disorders	270-279	3	0.3	0.1	1.1
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	1	0.3	0.0	2.0
<b>MENTAL DISORDERS</b>	<b>290-319</b>	3	0.5	0.2	1.8
-Non-Psychotic Disorders	300-302, 306-316	3	0.5	0.2	1.8
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	23	3.6	2.2	5.9
-Hereditary/Degenerative Central NS Dis	330-337	1	0.1	0.0	0.9
-Other Disorders of Central NS	340-349	1	0.1	0.0	0.7
-Disorders of Peripheral NS	350-359	5	0.7	0.3	1.9
-Disorders of Eye	360-379	13	2.3	1.2	4.5
-Dis of Ear & Mastoid	380-389	3	0.3	0.1	1.1
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	26	3.3	2.2	5.0
-Chronic Rheumatic Heart Dis	393-398	1	0.1	0.0	0.9
-Hypertensive Dis	401-405	1	0.1	0.0	0.7
-Ischemic Heart Dis	410-414	7	1.1	0.5	2.5
-Other Heart Dis	420-429	7	0.9	0.4	2.0
-Cerebrovascular Dis	430-438	1	0.1	0.0	0.9
-Dis of Arteries & Capillaries	440-448	2	0.2	0.1	0.9
-Dis of Veins, Lymphatics, Other	451-459	7	0.8	0.4	1.6
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	82	13.1	10.1	16.9
-Acute Respiratory Infections	460-466	31	4.8	3.1	7.5
-Other Dis Upper Respiratory Tract	470-478	12	1.6	0.9	3.0

\*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 2007

## 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				
-Pneumonia & Influenza	480-487	26	3.8	2.5	6.0
-Chronic Obstructive Dis	490-496	8	1.9	0.9	4.1
-Other Respiratory Dis	510-519	5	0.9	0.3	2.3
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>55</b>	<b>7.6</b>	<b>5.7</b>	<b>10.1</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	5	1.1	0.4	2.7
-Esophagus, Stomach, Duodenum	530-537	4	0.5	0.2	1.3
-Appendicitis	540-543	2	0.2	0.0	0.8
-Hernia	550-553	22	2.6	1.6	4.0
-Enteritis, Colitis	555-558	6	0.8	0.3	2.0
-Other Intestinal Dis	560-569	7	1.1	0.5	2.5
-Other Digestive Dis	570-579	9	1.4	0.7	2.8
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>10</b>	<b>1.2</b>	<b>0.6</b>	<b>2.1</b>
-Nephritis, Nephrosis	580-589	2	0.2	0.1	0.9
-Other Urinary Dis	590-599	3	0.3	0.1	1.1
-Male Genital Organ Dis	600-608	4	0.5	0.2	1.3
-Breast Disorders	610-611	1	0.1	0.0	0.9
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>6</b>	<b>0.8</b>	<b>0.3</b>	<b>2.0</b>
-Infections	680-686	6	0.8	0.3	2.0
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>64</b>	<b>8.4</b>	<b>6.3</b>	<b>11.2</b>
-Arthropathies	710-719	19	2.0	1.2	3.1
-Dorsopathies	720-724	30	4.8	3.1	7.4
-Rheumatism, Excluding Back	725-729	12	1.3	0.7	2.3
-Other Dis & Acquired Deformities	730-739	3	0.3	0.1	1.1
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	<b>28</b>	<b>3.5</b>	<b>2.3</b>	<b>5.4</b>
-Symptoms	780-789	28	3.5	2.3	5.4
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>75</b>	<b>12.0</b>	<b>9.2</b>	<b>15.7</b>
-Fracture - Skull	800-804	2	0.2	0.0	0.8
-Fracture - Upper Limb	810-819	6	1.3	0.6	3.1
-Fracture - Lower Limb	820-829	7	1.5	0.6	3.7
-Dislocation	830-839	12	1.8	1.0	3.4
-Sprains & Strains - Back	846-847	9	1.4	0.6	3.2
-Sprains & Strains - Other	840-845, 848	24	3.3	2.1	5.0
-Open Wound - Head, Neck, Trunk	870-879	4	1.1	0.3	3.5
-Superficial Injury	910-919	1	0.1	0.0	0.7
-Contusion	920-924	2	0.2	0.1	1.0

\*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 2007**

**Absence Data**

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

**Part 1. Men**

		<b>Number of Diagnoses</b>	<b>Age-Adjusted Rate per 1,000**</b>	<b>Lower 95% Confidence Limit per 1,000</b>	<b>Upper 95% Confidence Limit per 1,000</b>
<b>Diagnostic Category</b>	<b>ICD-9-CM Code</b>				
-Burns	940-949	2	0.2	0.0	0.8
-Complications & Unspecified Injuries	958-959	3	0.6	0.2	2.2
-Unspecified Effects - External Causes	990-995	2	0.2	0.1	0.9
-Complications of Surgical/Medical Care	996-999	1	0.1	0.0	0.7
<b>Total</b>		437	63.3	56.7	70.6

\*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 2007

## 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				
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	9	3.6	1.7	7.6
-Intestinal Infectious Dis	001-009	3	0.7	0.2	2.2
-Other Bacterial Dis	030-041	2	1.4	0.3	5.6
-Viral Dis with Exanthem	050-057	1	0.2	0.0	1.6
-Other Viral Dis & Chlamydiae	070-079	3	1.3	0.3	4.8
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	16	4.4	2.6	7.4
-Breast	174-175	12	3.4	1.9	6.3
-Genitourinary	179-189	4	0.9	0.3	2.5
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	13	4.7	2.6	8.5
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	3	1.0	0.3	3.5
-Other Metabolic & Immunity Disorders	270-279	3	1.0	0.3	3.5
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	2	0.5	0.1	1.9
<b>MENTAL DISORDERS</b>	<b>290-319</b>	5	2.2	0.9	5.6
-Non-Psychotic Disorders	300-302, 306-316	5	2.2	0.9	5.6
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	18	5.7	3.3	9.7
-Disorders of Peripheral NS	350-359	4	1.3	0.4	3.7
-Disorders of Eye	360-379	6	1.4	0.6	3.1
-Dis of Ear & Mastoid	380-389	8	3.0	1.3	6.8
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	7	2.0	0.9	4.3
-Hypertensive Dis	401-405	1	0.2	0.0	1.6
-Ischemic Heart Dis	410-414	1	0.5	0.1	3.9
-Cerebrovascular Dis	430-438	1	0.2	0.0	1.6
-Dis of Arteries & Capillaries	440-448	3	0.7	0.2	2.2
-Dis of Veins, Lymphatics, Other	451-459	1	0.2	0.0	1.7
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	37	12.5	8.7	17.8
-Acute Respiratory Infections	460-466	19	5.8	3.5	9.5
-Other Dis Upper Respiratory Tract	470-478	4	1.6	0.6	4.6
-Pneumonia & Influenza	480-487	10	3.9	1.9	7.7
-Chronic Obstructive Dis	490-496	3	1.0	0.3	3.5
-Other Respiratory Dis	510-519	1	0.2	0.0	1.6
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	15	4.5	2.6	7.8
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0.2	0.0	1.6
-Appendicitis	540-543	1	0.2	0.0	1.6
-Hernia	550-553	4	0.9	0.4	2.5
-Enteritis, Colitis	555-558	2	0.8	0.2	3.5
-Other Intestinal Dis	560-569	3	0.7	0.2	2.1

\*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 2007

## 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				
-Other Digestive Dis	570-579	4	1.6	0.6	4.7
<b>GENTOURINARY SYSTEM</b>	<b>580-629</b>	28	9.1	6.0	13.7
-Other Urinary Dis	590-599	3	1.6	0.5	5.4
-Breast Disorders	610-611	5	1.8	0.7	4.8
-Other Female Disorders	617-629	20	5.7	3.5	9.1
<b>PREGNANCY &amp; CHILDBIRTH</b>	<b>630-677</b>	3	1.9	0.6	6.1
-Ectopic & Molar Pregnancy	630-633	1	0.8	0.1	5.6
-Pregnancy with Abortive Outcome	634-639	2	1.1	0.3	4.6
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	3	0.7	0.2	2.2
-Other	700-709	3	0.7	0.2	2.2
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	35	10.4	7.3	15.0
-Arthropathies	710-719	10	3.0	1.5	5.8
-Dorsopathies	720-724	7	2.3	1.0	5.2
-Rheumatism, Excluding Back	725-729	15	4.4	2.6	7.7
-Other Dis & Acquired Deformities	730-739	3	0.7	0.2	2.2
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	17	5.3	3.1	8.8
-Symptoms	780-789	16	5.0	2.9	8.6
-Ill-Defined & Unknown Causes	797-799	1	0.2	0.0	1.7
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	44	15.0	10.7	20.8
-Fracture - Skull	800-804	3	1.3	0.4	4.4
-Fracture - Upper Limb	810-819	3	0.7	0.2	2.2
-Fracture - Lower Limb	820-829	10	3.9	2.0	7.7
-Dislocation	830-839	7	2.3	1.0	5.1
-Sprains & Strains - Back	846-847	3	1.0	0.3	3.6
-Sprains & Strains - Other	840-845, 848	9	2.4	1.2	4.9
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	1	0.2	0.0	1.7
-Open Wound - Head, Neck, Trunk	870-879	2	1.0	0.2	5.0
-Complications & Unspecified Injuries	958-959	2	0.5	0.1	1.9
-Complications of Surgical/Medical Care	996-999	4	1.5	0.5	4.8
<b>Total</b>		255	83.2	72.5	95.4

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

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

# Lawrence Livermore National Laboratory 2007

## 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				
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	44	5.1	3.6	7.2
-Intestinal Infectious Dis	001-009	10	1.0	0.5	2.0
-Other Bacterial Dis	030-041	10	1.3	0.6	2.6
-Viral Dis with Exanthem	050-057	4	0.4	0.1	1.2
-Other Viral Dis & Chlamydiae	070-079	18	2.2	1.3	3.8
-Other Infections & Parasitic Dis	130-136	2	0.1	0.0	0.5
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	32	2.5	1.8	3.6
-Digestive & Peritoneal	150-159	2	0.1	0.0	0.5
-Bone, Connective Tissue, Skin	170-173, 176	3	0.2	0.1	0.8
-Breast	174-175	12	0.9	0.5	1.7
-Genitourinary	179-189	14	1.1	0.7	1.9
-Lymphatic & Hematopoietic	200-208	1	0.1	0.0	0.6
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	20	2.1	1.3	3.5
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	9	0.7	0.4	1.4
-Thyroid Gland Disorders	240-246	1	0.1	0.0	0.6
-Other Endocrine Gland Dis	250-259	2	0.1	0.0	0.5
-Other Metabolic & Immunity Disorders	270-279	6	0.5	0.2	1.1
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	3	0.3	0.1	1.2
<b>MENTAL DISORDERS</b>	<b>290-319</b>	8	1.1	0.5	2.3
-Non-Psychotic Disorders	300-302, 306-316	8	1.1	0.5	2.3
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	41	4.3	3.0	6.2
-Hereditary/Degenerative Central NS Dis	330-337	1	0.1	0.0	0.6
-Other Disorders of Central NS	340-349	1	0.1	0.0	0.5
-Disorders of Peripheral NS	350-359	9	0.8	0.4	1.6
-Disorders of Eye	360-379	19	2.1	1.2	3.5
-Dis of Ear & Mastoid	380-389	11	1.3	0.6	2.6
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	33	2.9	2.0	4.2
-Chronic Rheumatic Heart Dis	393-398	1	0.1	0.0	0.6
-Hypertensive Dis	401-405	2	0.1	0.0	0.5
-Ischemic Heart Dis	410-414	8	0.9	0.4	1.9
-Other Heart Dis	420-429	7	0.6	0.3	1.4
-Cerebrovascular Dis	430-438	2	0.2	0.0	0.7
-Dis of Arteries & Capillaries	440-448	5	0.4	0.2	1.0
-Dis of Veins, Lymphatics, Other	451-459	8	0.6	0.3	1.3
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	119	12.7	10.3	15.5
-Acute Respiratory Infections	460-466	50	5.2	3.8	7.2

\*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 2007

## 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 Dis Upper Respiratory Tract	470-478	16	1.5	0.9	2.6
-Pneumonia & Influenza	480-487	36	3.7	2.6	5.4
-Chronic Obstructive Dis	490-496	11	1.5	0.8	2.9
-Other Respiratory Dis	510-519	6	0.7	0.3	1.6
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>70</b>	<b>6.6</b>	<b>5.1</b>	<b>8.5</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	6	0.8	0.3	1.9
-Esophagus, Stomach, Duodenum	530-537	4	0.3	0.1	0.8
-Appendicitis	540-543	3	0.2	0.1	0.6
-Hernia	550-553	26	2.1	1.4	3.2
-Enteritis, Colitis	555-558	8	0.8	0.4	1.6
-Other Intestinal Dis	560-569	10	0.9	0.5	1.9
-Other Digestive Dis	570-579	13	1.4	0.8	2.6
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>38</b>	<b>3.6</b>	<b>2.5</b>	<b>5.2</b>
-Nephritis, Nephrosis	580-589	2	0.1	0.0	0.6
-Other Urinary Dis	590-599	6	0.7	0.3	1.9
-Male Genital Organ Dis	600-608	4	0.3	0.1	0.9
-Breast Disorders	610-611	6	0.7	0.3	1.6
-Other Female Disorders	617-629	20	1.7	1.1	2.8
<b>PREGNANCY &amp; CHILDBIRTH</b>	<b>630-677</b>	<b>3</b>	<b>0.7</b>	<b>0.2</b>	<b>2.1</b>
-Ectopic & Molar Pregnancy	630-633	1	0.3	0.0	2.0
-Pregnancy with Abortive Outcome	634-639	2	0.4	0.1	1.5
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>9</b>	<b>0.8</b>	<b>0.4</b>	<b>1.7</b>
-Infections	680-686	6	0.6	0.3	1.5
-Other	700-709	3	0.2	0.1	0.7
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>99</b>	<b>8.8</b>	<b>7.1</b>	<b>10.9</b>
-Arthropathies	710-719	29	2.2	1.5	3.2
-Dorsopathies	720-724	37	3.9	2.7	5.7
-Rheumatism, Excluding Back	725-729	27	2.2	1.5	3.2
-Other Dis & Acquired Deformities	730-739	6	0.5	0.2	1.1
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	<b>45</b>	<b>3.9</b>	<b>2.8</b>	<b>5.3</b>
-Symptoms	780-789	44	3.8	2.8	5.2
-Ill-Defined & Unknown Causes	797-799	1	0.1	0.0	0.6
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>119</b>	<b>12.6</b>	<b>10.2</b>	<b>15.4</b>
-Fracture - Skull	800-804	5	0.4	0.2	1.0
-Fracture - Upper Limb	810-819	9	1.1	0.5	2.3

\*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 2007

### 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				
-Fracture - Lower Limb	820-829	17	2.0	1.1	3.4
-Dislocation	830-839	19	1.9	1.1	3.0
-Sprains & Strains - Back	846-847	12	1.4	0.7	2.6
-Sprains & Strains - Other	840-845, 848	33	3.0	2.1	4.4
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	1	0.1	0.0	0.6
-Open Wound - Head, Neck, Trunk	870-879	6	1.1	0.4	2.7
-Superficial Injury	910-919	1	0.1	0.0	0.5
-Contusion	920-924	2	0.2	0.0	0.8
-Burns	940-949	2	0.1	0.0	0.5
-Complications & Unspecified Injuries	958-959	5	0.6	0.2	1.5
-Unspecified Effects - External Causes	990-995	2	0.1	0.0	0.6
-Complications of Surgical/Medical Care	996-999	5	0.6	0.2	1.7
<b>Total</b>		692	68.8	63.2	74.8

\*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 2007**  
**OSHA Data**

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

Job Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	0	1	1	3	5	1	3	3	3	10	15
Administrative Support	1	8	21	13	43	1	4	9	10	24	67
Technical Support	4	0	0	2	6	3	6	8	8	25	31
Service	0	1	0	3	4	0	0	2	1	3	7
Security and Fire	0	0	0	0	0	3	7	9	1	20	20
Crafts	0	0	0	1	1	0	1	7	6	14	15
<b>TOTAL</b>	5	10	22	22	59	8	21	38	29	96	155

\*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	5	71	0	8	282	17	13	353	17
30 - 39	10	114	54	21	240	123	31	354	177
40 - 49	22	0	80	41	920	119	63	920	199
50 +	22	269	547	29	93	93	51	362	640
<b>TOTAL</b>	59	454	681	99	1535	352	158	1989	1033

**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	5	0	0	10	0	0	15	0	0
Administrative Support	43	124	446	24	173	140	67	297	586
Technical Support	6	106	207	26	334	53	32	440	260
Service	4	86	0	3	30	0	7	116	0
Security and Fire	0	0	0	21	776	135	21	776	135
Crafts	1	138	28	15	222	24	16	360	52
<b>Total</b>	59	454	681	99	1535	352	158	1989	1033

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

**Lawrence Livermore National Laboratory 2007**

OSHA Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM code					
0	0	0	0	0	0	0
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	0	1	0	1
-Mycoses	110-118	0	0	1	0	1
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	0	0	0	0	0
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	1	1	2	0	4
-Disorders of Peripheral NS	350-359	1	1	2	0	4
-Dis of Ear & Mastoid	380-389	0	0	0	0	0
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	1	0	0	0	1
-Lung Dis from External Agents	500-508	1	0	0	0	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	0	0	1	1
-Hernia	550-553	0	0	0	1	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	1	1	0	0	2
-Infections	680-686	0	1	0	0	1
-Other Inflammatory Conditions	690-698	1	0	0	0	1
-Other	700-709	0	0	0	0	0
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	3	8	14	16	41
-Arthropathies	710-719	1	6	13	10	30
-Dorsopathies	720-724	0	2	0	2	4
-Rheumatism, Excluding Back	725-729	2	0	1	4	7
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	1	1	3	4	9
-Symptoms	780-789	1	1	2	4	8
-Non-Specific Abnormal Findings	790-796	0	0	1	0	1
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	3	9	18	24	54
-Fracture - Upper Limb	810-819	0	0	0	1	1
-Fracture - Lower Limb	820-829	0	0	0	0	0
-Dislocation	830-839	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	2	1	1	4
-Sprains & Strains - Other	840-845, 848	0	1	5	9	15
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0
-Superficial Injury	910-919	0	1	0	1	2
-Contusion	920-924	1	1	2	1	5
-Foreign Body Entering Orifice	930-939	0	0	0	0	0
-Burns	940-949	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	2	4	8	11	25

(Continued)

\*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							
0	0	0	0	0	1	1	1	
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	0	1	0	1	2	
-Mycoses	110-118	0	0	1	0	1	2	
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	0	0	0	1	1	1	
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	0	4	0	4	8	
-Disorders of Peripheral NS	350-359	0	0	2	0	2	6	
-Dis of Ear & Mastoid	380-389	0	0	2	0	2	2	
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	0	0	0	1	1	2	
-Lung Dis from External Agents	500-508	0	0	0	1	1	2	
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	0	0	1	1	2	
-Hernia	550-553	0	0	0	1	1	2	
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	2	0	0	2	4	
-Infections	680-686	0	0	0	0	0	1	
-Other Inflammatory Conditions	690-698	0	1	0	0	1	2	
-Other	700-709	0	1	0	0	1	1	
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	3	20	22	19	64	105	
-Arthropathies	710-719	1	14	10	14	39	69	
-Dorsopathies	720-724	0	4	11	1	16	20	
-Rheumatism, Excluding Back	725-729	2	2	1	4	9	16	
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	1	4	6	2	13	22	
-Symptoms	780-789	1	4	6	2	13	21	
-Non-Specific Abnormal Findings	790-796	0	0	0	0	0	1	
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	9	23	35	25	92	146	
-Fracture - Upper Limb	810-819	0	1	0	2	3	4	
-Fracture - Lower Limb	820-829	0	0	0	1	1	1	
-Dislocation	830-839	0	2	1	0	3	3	
-Sprains & Strains - Back	846-847	0	1	9	2	12	16	
-Sprains & Strains - Other	840-845, 848	2	5	12	9	28	43	
-Open Wound - Head, Neck, Trunk	870-879	1	1	0	0	2	2	
-Open Wound - Upper Limb	880-887	1	3	3	2	9	9	
-Open Wound - Lower Limb	890-897	0	0	1	0	1	1	
-Superficial Injury	910-919	1	0	0	0	1	3	
-Contusion	920-924	1	4	0	3	8	13	
-Foreign Body Entering Orifice	930-939	0	0	1	1	2	2	
-Burns	940-949	0	0	0	1	1	1	
-Complications & Unspecified Injuries	958-959	3	5	7	4	19	44	

(Continued)

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

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OSHA Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM code					
-Toxic Effects - Non-medicinal	980-989	0	0	2	0	2
-Unspecified Effects - External Causes	990-995	0	0	0	0	0

\*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
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code						
-Toxic Effects - Non-medicinal	980-989	0	1	0	0	1	3
-Unspecified Effects - External Causes	990-995	0	0	1	0	1	1

Diagnostic Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
<b>Total</b>	10	20	38	45	113	13	49	68	49	179	292

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

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**OSHA Data**

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Mycoses	110-118	0	0	0	0	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	0
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	0
-Hernia	550-553	0	0	0	0	0	0	0	0
-Infections	680-686	0	0	0	20	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	71	34	0	52	221	235
-Dorsopathies	720-724	0	0	43	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	71	0	0	0	0	0	43	0
-Symptoms	780-789	0	0	0	0	0	52	48	132
-Non-Specific Abnormal Findings	790-796	0	0	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	180
-Sprains & Strains - Back	846-847	0	0	43	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	28	226	273
-Superficial Injury	910-919	0	0	0	20	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	71	0	71	34	0	0	0	94
-Toxic Effects - Non-medicinal	980-989	0	0	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								
0	0	0	0	0	0	0	0	0	31
-Mycoses	110-118	0	0	0	0	35	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	27	11	0	0
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	0
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	62	0
-Hernia	550-553	0	0	0	0	0	0	0	56
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0
-Other	700-709	0	0	0	0	0	0	0	0
-Arthropathies	710-719	25	0	222	0	265	49	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								
-Dorsopathies	720-724	0	0	16	0	262	38	0	0
-Rheumatism, Excluding Back	725-729	64	0	0	0	110	0	0	0
-Symptoms	780-789	9	14	2	0	35	13	0	31
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0
-Dislocation	830-839	0	0	0	123	0	19	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	227	38	30	6
-Sprains & Strains - Other	840-845, 848	34	14	201	0	340	49	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	2	0	0	0	0	0
-Open Wound - Upper Limb	880-887	4	0	0	0	19	0	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0
-Contusion	920-924	0	3	23	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0
-Burns	940-949	0	0	0	0	0	0	1	0
-Complications & Unspecified Injuries	958-959	244	0	16	123	321	22	0	0
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	0	0	109	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	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Type of Accident	E Codes											
Motor Vehicle Traffic	E810-E819	0	0	1	0	1	0	0	0	0	0	1
Other Road Vehicle	E826-E829	0	0	0	0	0	0	0	0	2	2	2
Accidental Poisoning - Non-medicinal	E860-E869	1	0	0	0	1	0	0	0	0	0	1
Falls	E880-E888	0	2	5	4	11	1	1	4	6	12	23
Natural/Environmental Factors	E900-E909	0	1	2	0	3	0	1	0	0	1	4
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0	0	1	1	2	2
Other Accidents	E916-E928	4	7	12	18	41	7	18	30	16	71	112

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

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

		Women							
		Age Group							
		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 Traffic	E810-E819	0	0	0	0	0	0	0	0
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	0	28	0	180
Natural/Environmental Factors	E900-E909	0	0	0	20	0	0	0	0
Other Accidents	E916-E928	71	0	114	34	0	52	269	367

		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								
Other Road Vehicle	E826-E829	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	123	105	43	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	282	17	240	0	513	43	31	6

\*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					TOTAL
		Job Category					
		Professional	Administrative Support	Technical Support	Service	Crafts	
Diagnostic Category	ICD-9-CM Code						
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	1	0	0	0	1
-Mycoses	110-118	0	1	0	0	0	1
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	4	0	0	0	4
-Disorders of Peripheral NS	350-359	0	4	0	0	0	4
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	0	0	1	0	0	1
-Lung Dis from External Agents	500-508	0	0	1	0	0	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	1	0	0	0	1
-Hernia	550-553	0	1	0	0	0	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	2	0	0	0	2
-Infections	680-686	0	1	0	0	0	1
-Other Inflammatory Conditions	690-698	0	1	0	0	0	1
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	4	25	5	6	1	41
-Arthropathies	710-719	2	22	3	2	1	30
-Dorsopathies	720-724	1	1	0	2	0	4
-Rheumatism, Excluding Back	725-729	1	2	2	2	0	7
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	0	8	0	1	0	9
-Symptoms	780-789	0	7	0	1	0	8
-Non-Specific Abnormal Findings	790-796	0	1	0	0	0	1
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	6	39	5	3	1	54
-Fracture - Upper Limb	810-819	0	1	0	0	0	1
-Sprains & Strains - Back	846-847	0	3	0	1	0	4
-Sprains & Strains - Other	840-845, 848	1	11	1	1	1	15
-Superficial Injury	910-919	0	1	0	1	0	2
-Contusion	920-924	1	3	1	0	0	5
-Complications & Unspecified Injuries	958-959	4	18	3	0	0	25
-Toxic Effects - Non-medicinal	980-989	0	2	0	0	0	2

	Women					TOTAL
	Job Category					
	Professional	Administrative Support	Technical Support	Service	Crafts	
Diagnostic Category						
<b>Total</b>	10	80	11	10	2	113

\*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\***

Diagnostic Category		Men						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
<b>0</b>	<b>0</b>	0	0	1	0	0	0	1
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	1	0	0	0	0	1
-Mycoses	110-118	0	1	0	0	0	0	1
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	0	0	1	0	0	0	1
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	1	1	2	0	0	4
-Disorders of Peripheral NS	350-359	0	1	1	0	0	0	2
-Dis of Ear & Mastoid	380-389	0	0	0	2	0	0	2
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	0	0	1	0	0	0	1
-Lung Dis from External Agents	500-508	0	0	1	0	0	0	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	0	0	0	1	0	1
-Hernia	550-553	0	0	0	0	1	0	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	0	0	0	2	0	2
-Other Inflammatory Conditions	690-698	0	0	0	0	1	0	1
-Other	700-709	0	0	0	0	1	0	1
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	12	7	16	1	18	10	64
-Arthropathies	710-719	7	4	11	0	10	7	39
-Dorsopathies	720-724	2	3	2	1	7	1	16
-Rheumatism, Excluding Back	725-729	3	0	3	0	1	2	9
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	1	2	2	0	6	2	13
-Symptoms	780-789	1	2	2	0	6	2	13
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	11	24	25	2	17	13	92
-Fracture - Upper Limb	810-819	0	2	1	0	0	0	3
-Fracture - Lower Limb	820-829	0	0	1	0	0	0	1
-Dislocation	830-839	0	1	2	0	0	0	3
-Sprains & Strains - Back	846-847	1	4	1	1	3	2	12
-Sprains & Strains - Other	840-845, 848	2	7	5	1	9	4	28
-Open Wound - Head, Neck, Trunk	870-879	0	1	1	0	0	0	2
-Open Wound - Upper Limb	880-887	0	3	3	0	0	3	9
-Open Wound - Lower Limb	890-897	0	1	0	0	0	0	1
-Superficial Injury	910-919	0	1	0	0	0	0	1
-Contusion	920-924	1	1	4	0	2	0	8

(Continued)

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

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**OSHA Data**

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

		Men						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code							
-Foreign Body Entering Orifice	930-939	0	0	1	0	0	1	2
-Burns	940-949	0	0	0	0	0	1	1
-Complications & Unspecified Injuries	958-959	7	3	4	0	3	2	19
-Toxic Effects - Non-medicinal	980-989	0	0	1	0	0	0	1
-Unspecified Effects - External Causes	990-995	0	0	1	0	0	0	1

	Men						
	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category							
Total	24	35	46	5	44	25	179

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

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**OSHA Data**

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

		Women					
		Job Category					
		Professional		Administrative Support		Technical Support	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Mycoses	110-118	0	0	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0
-Lung Dis from External Agents	500-508	0	0	0	0	0	0
-Hernia	550-553	0	0	0	0	0	0
-Infections	680-686	0	0	0	20	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0
-Arthropathies	710-719	0	0	76	86	35	207
-Dorsopathies	720-724	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	71	0
-Symptoms	780-789	0	0	48	184	0	0
-Non-Specific Abnormal Findings	790-796	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	180	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	53	160	35	113
-Superficial Injury	910-919	0	0	0	20	0	0
-Contusion	920-924	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	71	34	71	94
-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\***

		Women			
		Job Category			
		Service		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes				
-Mycoses	110-118	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0
-Lung Dis from External Agents	500-508	0	0	0	0
-Hernia	550-553	0	0	0	0
-Infections	680-686	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0
-Arthropathies	710-719	43	0	138	28
-Dorsopathies	720-724	43	0	0	0
-Rheumatism, Excluding Back	725-729	43	0	0	0
-Symptoms	780-789	0	0	0	0
-Non-Specific Abnormal Findings	790-796	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0
-Sprains & Strains - Back	846-847	43	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	138	28
-Superficial Injury	910-919	0	0	0	0
-Contusion	920-924	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0
-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\***

		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						
0	0	0	0	0	0	0	31
-Mycoses	110-118	0	0	35	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	11	27	0
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0
-Lung Dis from External Agents	500-508	0	0	0	0	62	0
-Hernia	550-553	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0
-Other	700-709	0	0	0	0	0	0
-Arthropathies	710-719	0	0	138	0	66	0
-Dorsopathies	720-724	0	0	35	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	64	0
-Symptoms	780-789	0	0	35	11	2	31
-Fracture - Upper Limb	810-819	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0
-Dislocation	830-839	0	0	0	123	0	19
-Sprains & Strains - Back	846-847	0	0	0	6	0	0
-Sprains & Strains - Other	840-845, 848	0	0	138	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	2	0
-Open Wound - Upper Limb	880-887	0	0	0	0	4	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	15	3
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0
-Burns	940-949	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	123	117	0
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	0	0	109	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.

**Lawrence Livermore National Laboratory 2007**

**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						
0	0	0	0	0	0	0	0
-Mycoses	110-118	0	0	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0
-Lung Dis from External Agents	500-508	0	0	0	0	0	0
-Hernia	550-553	0	0	0	56	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0
-Other	700-709	0	0	0	0	0	0
-Arthropathies	710-719	0	0	251	25	57	24
-Dorsopathies	720-724	30	0	208	38	5	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	110	0
-Symptoms	780-789	0	0	9	16	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0
-Dislocation	830-839	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	30	0	192	38	35	0
-Sprains & Strains - Other	840-845, 848	0	0	380	39	57	24
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	19	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	8	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0
-Burns	940-949	0	0	0	0	1	0
-Complications & Unspecified Injuries	958-959	0	0	354	22	110	0
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	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	Crafts	
Type of Accident	E CODES						
Motor Vehicle Traffic	E810-E819	0	1	0	0	0	1
Accidental Poisoning - Non-medicinal	E860-E869	0	0	1	0	0	1
Falls	E880-E888	1	10	0	0	0	11
Natural/Environmental Factors	E900-E909	0	3	0	0	0	3
Other Accidents	E916-E928	4	27	5	4	1	41

		Men						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Type of Accident	E CODES							
Other Road Vehicle	E826-E829	0	2	0	0	0	0	2
Falls	E880-E888	2	5	3	0	1	1	12
Natural/Environmental Factors	E900-E909	0	0	1	0	0	0	1
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	1	0	0	1	2
Other Accidents	E916-E928	8	15	17	3	16	12	71

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



# Lawrence Livermore National Laboratory 2007

## OSHA Data

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

		Women									
		Job Category									
		Professional		Administrative Support		Technical Support		Service		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes										
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0	0	0	0	0
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	208	0	0	0	0	0	0
Natural/Environmental Factors	E900-E909	0	0	0	20	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	124	218	106	207	86	0	138	28

		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						
Other Road Vehicle	E826-E829	0	0	0	0	0	0
Falls	E880-E888	0	0	0	123	0	19
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	138	6	163	3

		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						
Other Road Vehicle	E826-E829	0	0	0	0	0	0
Falls	E880-E888	0	0	48	0	57	24
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0
Other Accidents	E916-E928	30	0	570	57	165	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.

# Lawrence Livermore National Laboratory 2007

## 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				
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	1	0.1	0.0	0.9
-Mycoses	110-118	1	0.1	0.0	0.9
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	1	0.1	0.0	0.7
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	4	0.5	0.2	1.3
-Disorders of Peripheral NS	350-359	2	0.2	0.1	1.0
-Dis of Ear & Mastoid	380-389	2	0.2	0.1	1.0
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	1	0.1	0.0	0.7
-Lung Dis from External Agents	500-508	1	0.1	0.0	0.7
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	1	0.1	0.0	0.7
-Hernia	550-553	1	0.1	0.0	0.7
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	2	0.6	0.1	2.2
-Other Inflammatory Conditions	690-698	1	0.3	0.0	2.0
-Other	700-709	1	0.3	0.0	2.0
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	64	11.4	8.6	15.1
-Arthropathies	710-719	39	6.9	4.8	9.8
-Dorsopathies	720-724	16	2.6	1.5	4.4
-Rheumatism, Excluding Back	725-729	9	1.9	0.9	4.3
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	13	2.5	1.3	4.6
-Symptoms	780-789	13	2.5	1.3	4.6
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	92	17.1	13.5	21.7
-Fracture - Upper Limb	810-819	3	0.5	0.1	1.7
-Fracture - Lower Limb	820-829	1	0.1	0.0	0.7
-Dislocation	830-839	3	0.7	0.2	2.2
-Sprains & Strains - Back	846-847	12	1.6	0.9	2.9
-Sprains & Strains - Other	840-845, 848	28	4.6	3.0	7.1
-Open Wound - Head, Neck, Trunk	870-879	2	0.7	0.2	3.0
-Open Wound - Upper Limb	880-887	9	1.8	0.9	3.9
-Open Wound - Lower Limb	890-897	1	0.1	0.0	0.9
-Superficial Injury	910-919	1	0.4	0.1	3.2
-Contusion	920-924	8	1.8	0.8	4.0
-Foreign Body Entering Orifice	930-939	2	0.2	0.1	0.9
-Burns	940-949	1	0.1	0.0	0.9
-Toxic Effects - Non-medicinal	980-989	2	0.4	0.1	1.8
-Complications of Surgical/Medical Care	996-999	19	4.0	2.4	6.7
<b>Total</b>		179	32.5	27.4	38.4

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

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

**Lawrence Livermore National Laboratory 2007**

**OSHA Data**

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

**Part 2. Women**

		<b>Number of Diagnoses</b>	<b>Age-Adjusted Rate per 1,000**</b>	<b>Lower 95% Confidence Limit per 1,000</b>	<b>Upper 95% Confidence Limit per 1,000</b>
<b>Diagnostic Category</b>	<b>ICD-9-CM Code</b>				
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	1	0.2	0.0	1.7
-Mycoses	110-118	1	0.2	0.0	1.7
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	4	1.8	0.6	5.5
-Disorders of Peripheral NS	350-359	4	1.8	0.6	5.5
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	1	0.8	0.1	5.6
-Lung Dis from External Agents	500-508	1	0.8	0.1	5.6
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	1	0.5	0.1	3.9
-Hernia	550-553	1	0.5	0.1	3.9
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	2	1.4	0.3	5.6
-Infections	680-686	1	0.6	0.1	4.1
-Other Inflammatory Conditions	690-698	1	0.8	0.1	5.6
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	41	13.9	9.8	19.7
-Arthropathies	710-719	30	9.6	6.4	14.3
-Dorsopathies	720-724	4	1.6	0.6	4.6
-Rheumatism, Excluding Back	725-729	7	2.7	1.1	6.6
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	9	3.6	1.8	7.5
-Symptoms	780-789	8	3.4	1.6	7.3
-Non-Specific Abnormal Findings	790-796	1	0.2	0.0	1.7
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	54	19.2	14.3	25.9
-Fracture - Upper Limb	810-819	1	0.2	0.0	1.6
-Sprains & Strains - Back	846-847	4	1.6	0.6	4.7
-Sprains & Strains - Other	840-845, 848	15	4.1	2.4	7.2
-Superficial Injury	910-919	2	0.8	0.2	3.6
-Contusion	920-924	5	2.1	0.8	5.6
-Toxic Effects - Non-medicinal	980-989	2	0.5	0.1	1.9
-Complications of Surgical/Medical Care	996-999	25	9.9	6.4	15.3
<b>Total</b>		113	41.6	33.8	51.2

\*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 2007

## 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				
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	2	0.2	0.0	0.7
-Mycoses	110-118	2	0.2	0.0	0.7
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	1	0.1	0.0	0.5
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	8	1.0	0.4	2.1
-Disorders of Peripheral NS	350-359	6	0.8	0.3	2.0
-Dis of Ear & Mastoid	380-389	2	0.2	0.0	0.7
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	2	0.4	0.1	1.8
-Lung Dis from External Agents	500-508	2	0.4	0.1	1.8
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	2	0.2	0.0	0.7
-Hernia	550-553	2	0.2	0.0	0.7
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	4	0.8	0.3	2.3
-Infections	680-686	1	0.2	0.0	1.3
-Other Inflammatory Conditions	690-698	2	0.5	0.1	1.9
-Other	700-709	1	0.2	0.0	1.3
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	105	12.2	9.8	15.2
-Arthropathies	710-719	69	7.8	6.0	10.1
-Dorsopathies	720-724	20	2.2	1.4	3.6
-Rheumatism, Excluding Back	725-729	16	2.2	1.2	4.0
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	22	2.7	1.7	4.4
-Symptoms	780-789	21	2.6	1.6	4.3
-Non-Specific Abnormal Findings	790-796	1	0.1	0.0	0.6
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	146	17.2	14.3	20.8
-Fracture - Upper Limb	810-819	4	0.4	0.1	1.2
-Fracture - Lower Limb	820-829	1	0.1	0.0	0.5
-Dislocation	830-839	3	0.5	0.1	1.5
-Sprains & Strains - Back	846-847	16	1.6	0.9	2.7
-Sprains & Strains - Other	840-845, 848	43	4.3	3.1	6.1
-Open Wound - Head, Neck, Trunk	870-879	2	0.5	0.1	1.9
-Open Wound - Upper Limb	880-887	9	1.2	0.6	2.6
-Open Wound - Lower Limb	890-897	1	0.1	0.0	0.6
-Superficial Injury	910-919	3	0.5	0.2	1.9
-Contusion	920-924	13	1.9	1.0	3.6
-Foreign Body Entering Orifice	930-939	2	0.1	0.0	0.6
-Burns	940-949	1	0.1	0.0	0.7
-Toxic Effects - Non-medicinal	980-989	4	0.4	0.1	1.2

\*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 2007

## OSHA Data

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

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
-Complications of Surgical/Medical Care	996-999	44	5.5	3.9	7.7
<b>Total</b>		292	34.7	30.4	39.6

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

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