

# 2004

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



## **Lawrence Livermore National Laboratory 2004 Illness and Injury Surveillance Report**

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

[\*\*http://www.hss.energy.gov/healthsafety/WSHP/epi/surv/\*\*](http://www.hss.energy.gov/healthsafety/WSHP/epi/surv/)



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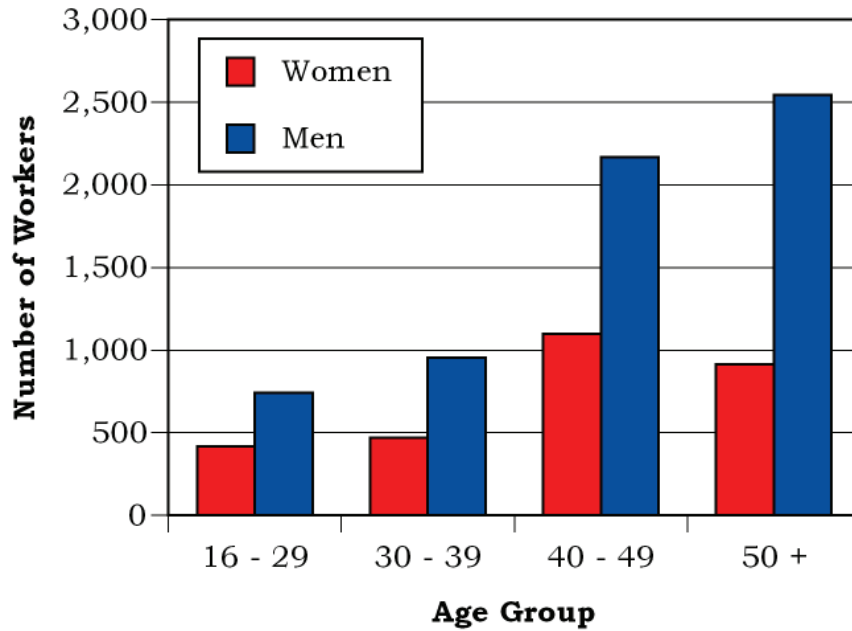
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**The Lawrence Livermore National Laboratory Work Force - 2004**

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



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

Job Category	Women	Men
Professional	611 21%	2,837 44%
Administrative Support	1,719 59%	1,614 25%
Technical Support	388 14%	995 16%
Service	127 4%	278 4%
Security and Fire	39 1%	302 5%
Crafts	16 1%	385 6%
Line Operators	0 0%	0 0%
Total	2,900 100%	6,411 100%

Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

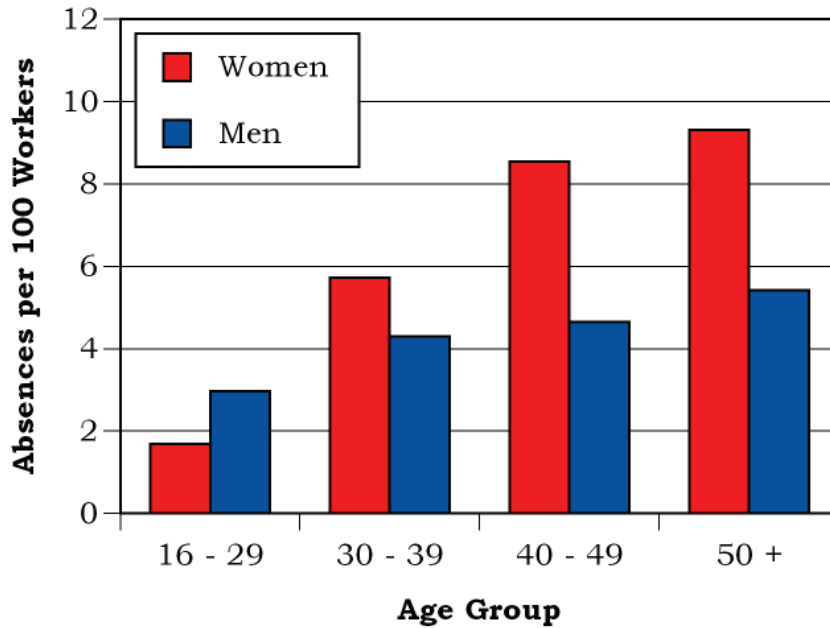
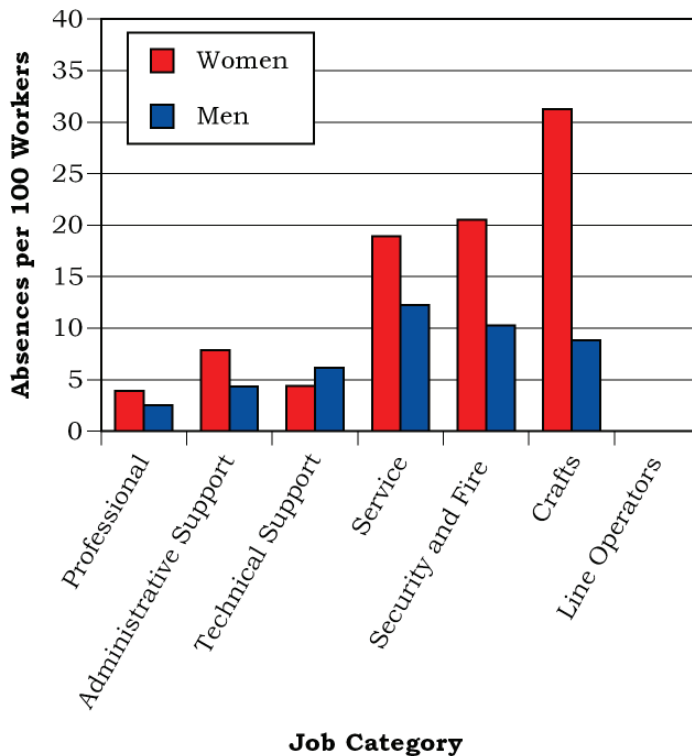


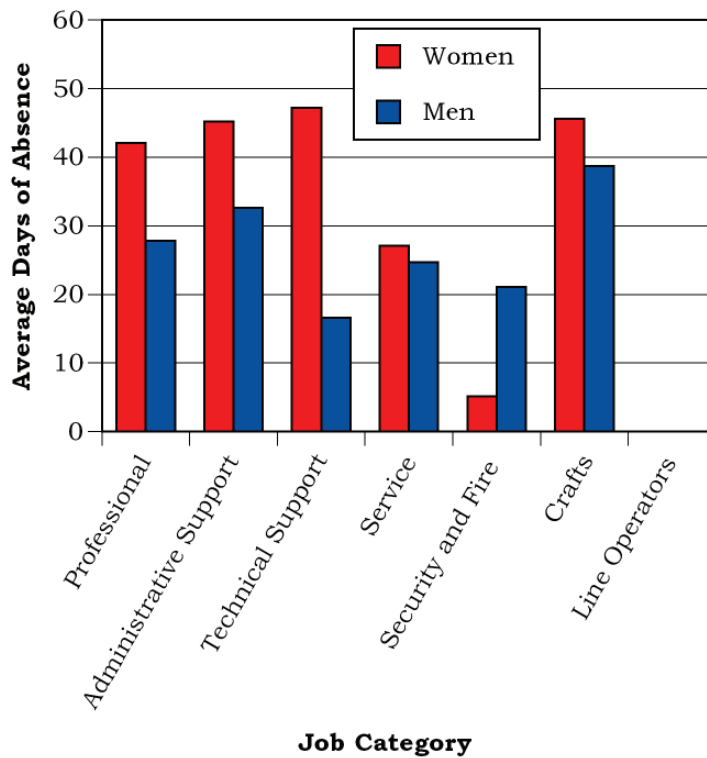
Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women	16-29	7	88	13
	30-39	27	961	36
	40-49	94	4,618	49
	50+	85	3,169	37
	<b>Total</b>	<b>213</b>	<b>8,836</b>	<b>41</b>
Men	16-29	22	272	12
	30-39	41	669	16
	40-49	101	3,281	32
	50+	138	3,890	28
	<b>Total</b>	<b>302</b>	<b>8,112</b>	<b>27</b>

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



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



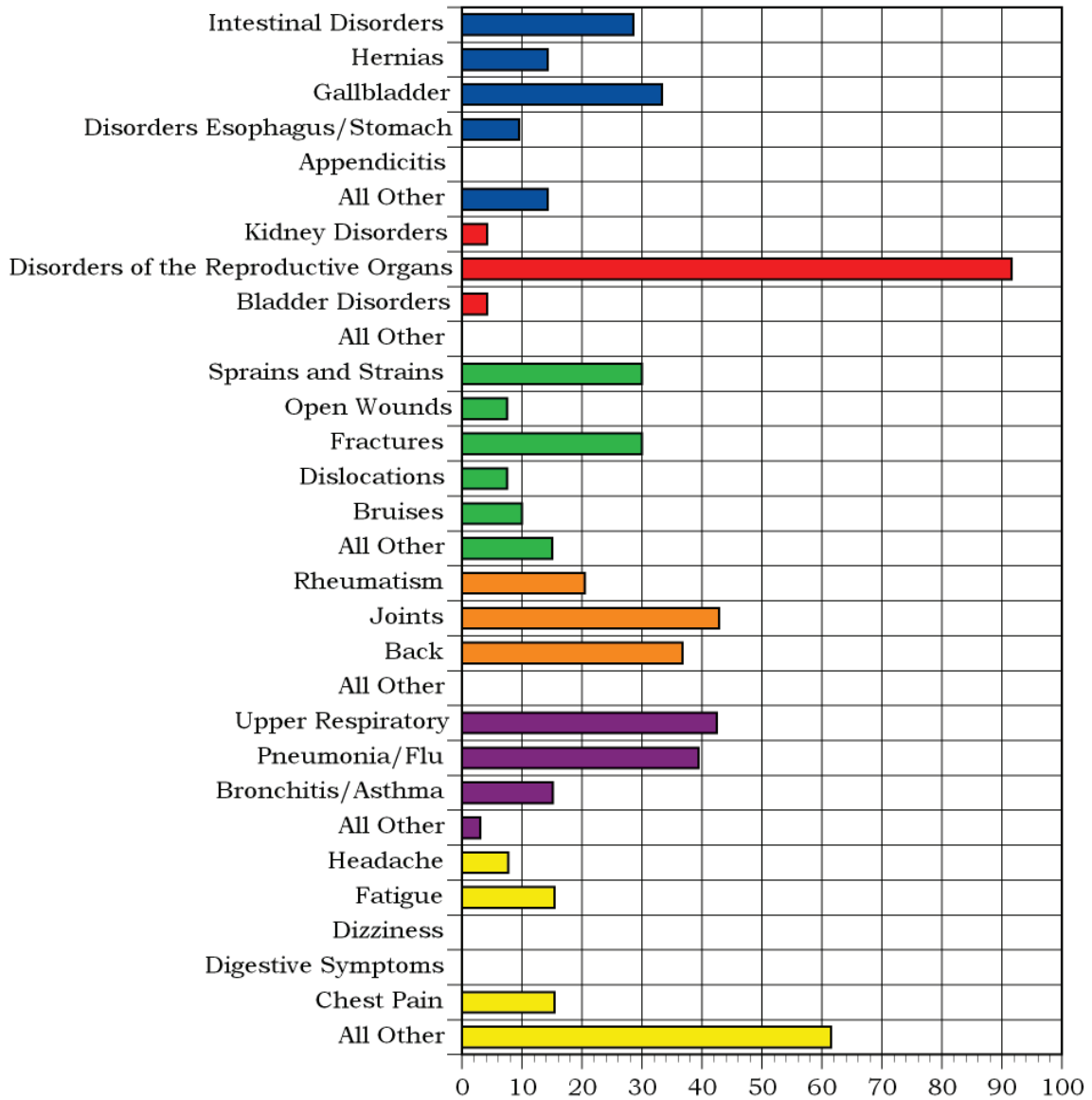
**Diagnostic Categories**

**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	7	269	6	81
Blood	0	0	1	2
Cancer	10	1,045	8	568
Digestive	21	372	46	881
Endocrine/Metabolic	10	325	9	109
Existing Birth Condition	1	10	1	4
Genitourinary	24	969	17	322
Heart/Circulatory	8	391	20	613
Infections/Parasites	9	192	11	144
Injury	40	1,431	62	1,230
Miscarriage	2	35	NA	NA
Musculoskeletal	49	1,784	80	2,746
Nervous System	4	906	10	203
Psychological	3	510	1	3
Respiratory	33	437	42	771
Skin	7	254	11	249
Unspecified Symptoms	13	311	23	864

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 2004**

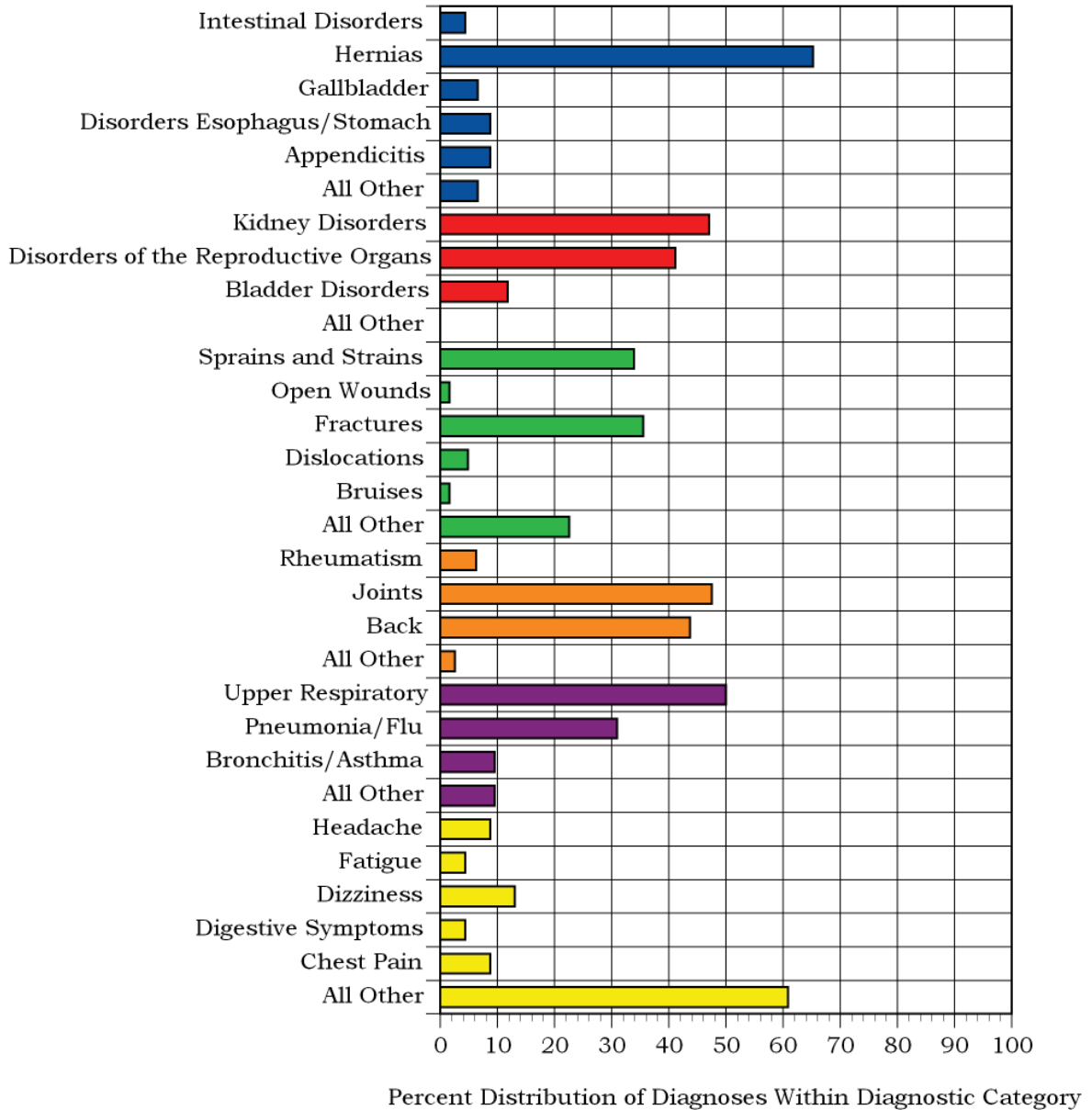


Percent Distribution of Diagnoses Within Diagnostic Category





**Figure 9. Common Diagnoses Among Male Workers in 2004**



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

<b>Job Category</b>	<b>Men</b>		<b>Women</b>	
Professional	Musculoskeletal	13	Musculoskeletal	6
	Injury	12	Digestive	5
	Digestive	10	Genitourinary	3
	Heart/Circulatory	10		
Administrative Support	Musculoskeletal	22	Musculoskeletal	29
	Injury	18	Injury	25
	Digestive	11	Respiratory	20
Technical Support	Musculoskeletal	14	Respiratory	4
	Injury	11	Musculoskeletal	3
	Digestive	10	Benign Growths	2
			Digestive	2
			Endocrine/Metabolic	2
			Injury	2
Service	Injury	8	Injury	9
	Musculoskeletal	8	Musculoskeletal	9
	Respiratory	8	Respiratory	3
Security and Fire	Injury	8	Respiratory	3
	Respiratory	8	Genitourinary	1
	Unspecified Symptoms	7	Heart/Circulatory	1
			Injury	1
			Musculoskeletal	1
			Unspecified Symptoms	1
Crafts	Musculoskeletal	20	Unspecified Symptoms	3
	Digestive	5	Injury	1
	Injury	5	Musculoskeletal	1
			Respiratory	1
Line Operators		0		0

Rates of Disease Occurrence

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

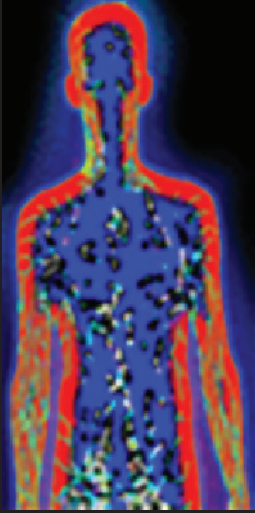
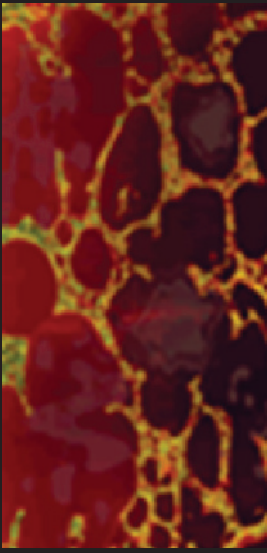
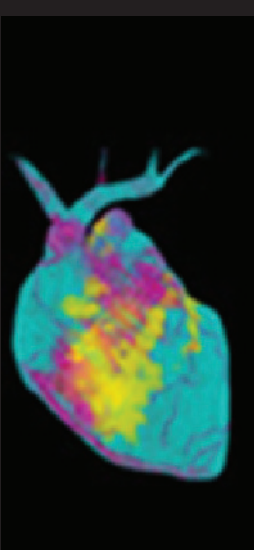
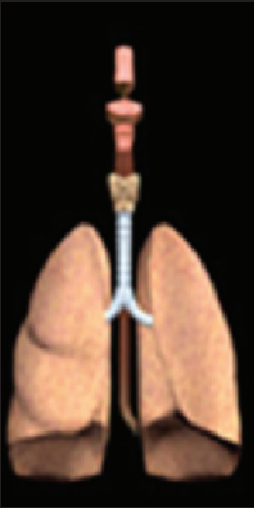
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	24	44
		50+	34	45
	Administrative Support	<50	50	84
		50+	53	98
	Technical Support	<50	55	39
		50+	87	74
	Service	<50	105	157
		50+	176	316
	Security and Fire	<50	129	250
		50+	211	0
	Crafts	<50	73	222
		50+	150	571
	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	2
		50+	3	6
	Administrative Support	<50	1	2
		50+	4	10
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	0	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0

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

Heart/Circulatory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	2	0
		50+	6	0
	Administrative Support	<50	0	3
		50+	1	5
	Technical Support	<50	4	0
		50+	7	0
	Service	<50	0	0
		50+	16	18
	Security and Fire	<50	4	31
		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	2	2
		50+	4	6
	Administrative Support	<50	8	10
		50+	1	15
	Technical Support	<50	6	7
		50+	7	25
	Service	<50	39	43
		50+	16	0
	Security and Fire	<50	30	94
		50+	0	0
	Crafts	<50	9	0
		50+	7	143
	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	4	2
		50+	5	6
	Administrative Support	<50	18	17
		50+	3	10
	Technical Support	<50	11	7
		50+	10	0
	Service	<50	26	43
		50+	32	105
	Security and Fire	<50	27	31
		50+	26	0
	Crafts	<50	9	0
		50+	20	143
	Line Operators	<50	0	0
		50+	0	0

**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 13. Characteristics of SHEOs by Gender**

	Total Number of SHEO Diagnoses		Total Number of Days Absent	
	Men	Women	Men	Women
<b>Definite</b>	0	0	0	0
<b>Possible</b>	1	1	11	51
<b>Total</b>	1	1	11	51

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 14. OSHA-Recordable Events by Gender and Age

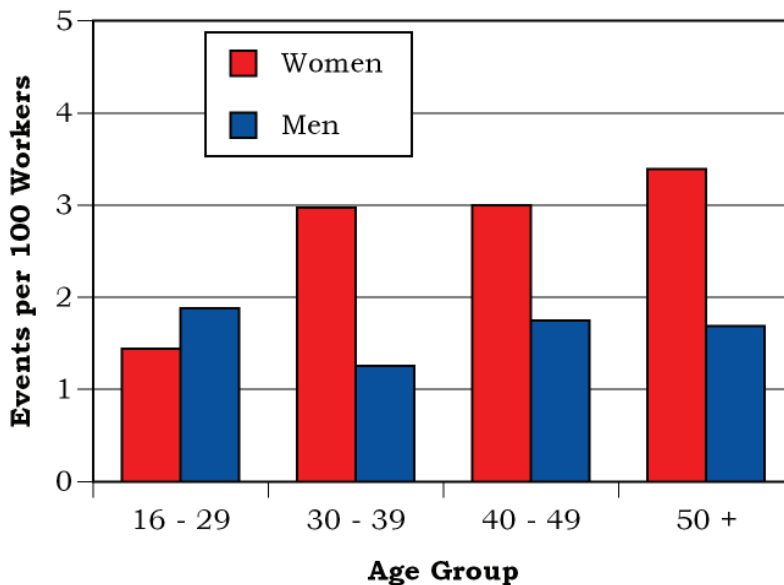
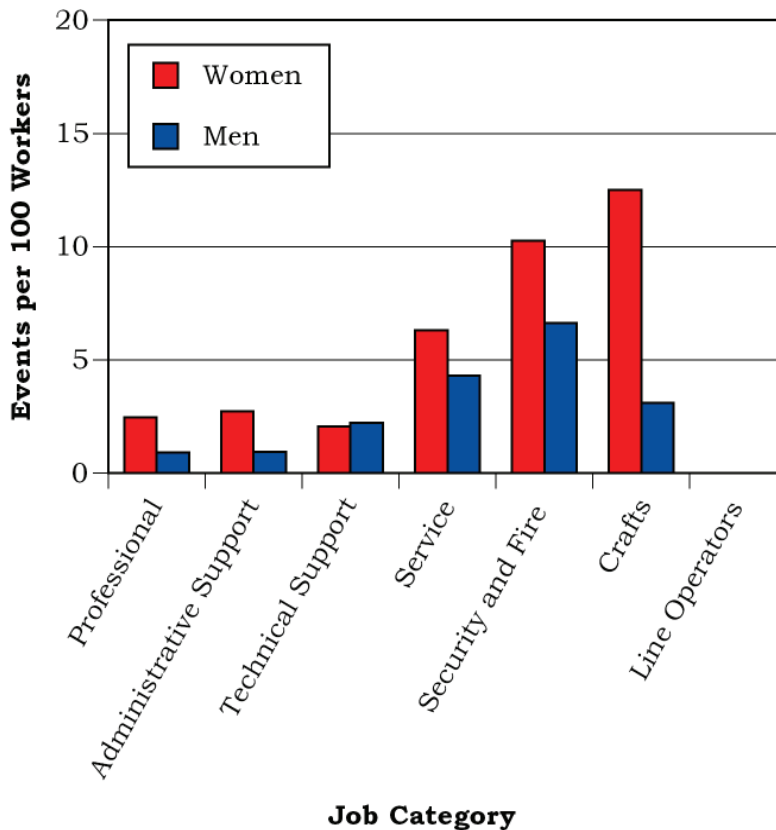


Figure 15. OSHA-Recordable Events by Job Category and Gender



**Diagnostic and Accident Categories for OSHA-Recordable Events**

**Figure 16. OSHA-Recordable Diagnoses by Diagnostic Category and Gender**

Diagnostic Category	Gender	
	Women	Men
Digestive	0	2
Musculoskeletal	69	54
Nervous System	1	5
Unspecified Symptoms	7	8
Injury	92	112
Fractures – Upper Limb	2	2
Fractures – Lower Limb	1	5
Dislocations	0	3
Back Sprains & Strains	6	17
Other Sprains & Strains	16	32
Open Wounds – Head, Neck, Trunk	1	5
Open Wounds – Upper Limb	4	9
Open Wounds – Lower Limb	1	0
Superficial Injuries	2	3
Bruises	12	14
Crushing Injuries	0	1
Foreign Bodies Entering Orifice	0	3
Burns	0	2
Injuries to Nerves and Spinal Cord	0	1
Unspecified Injuries	45	13
Adverse Reactions to Non-Medical Substances	2	0
Adverse Reactions to External Causes	0	2

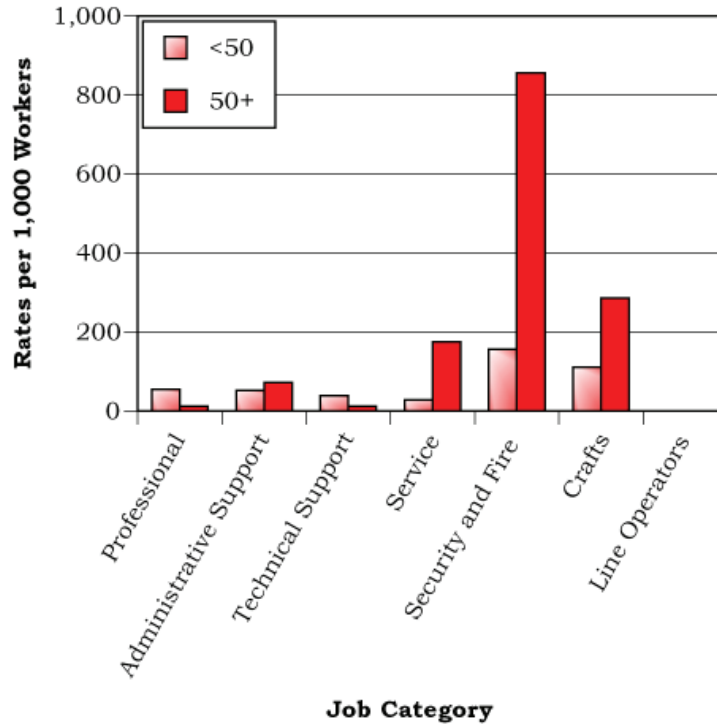
**Figure 17. OSHA-Recordable Accidents by Type and Gender**

Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Motor Vehicle Traffic	0	1
Motor Vehicle Non-Traffic	1	0
Non-Motor Vehicle	2	2
Poisoning – Non-Medicinal	1	0
Falls	15	12
Natural/Environmental Factors	2	2
Submersion/Suffocation/Foreign Bodies	0	3
Drug Reaction	0	1
Other Accidents	63	83
Struck by an Object	3	16
Caught Between Objects	2	2
Machinery	0	2
Cutting/Piercing Instrument/Object	3	2
Hot, Corrosive, or Caustic Material/ Steam	0	2
Overexertion/Strenuous Movements	13	45
Noise	0	2
Repetitive Trauma	42	12
Total	84	104

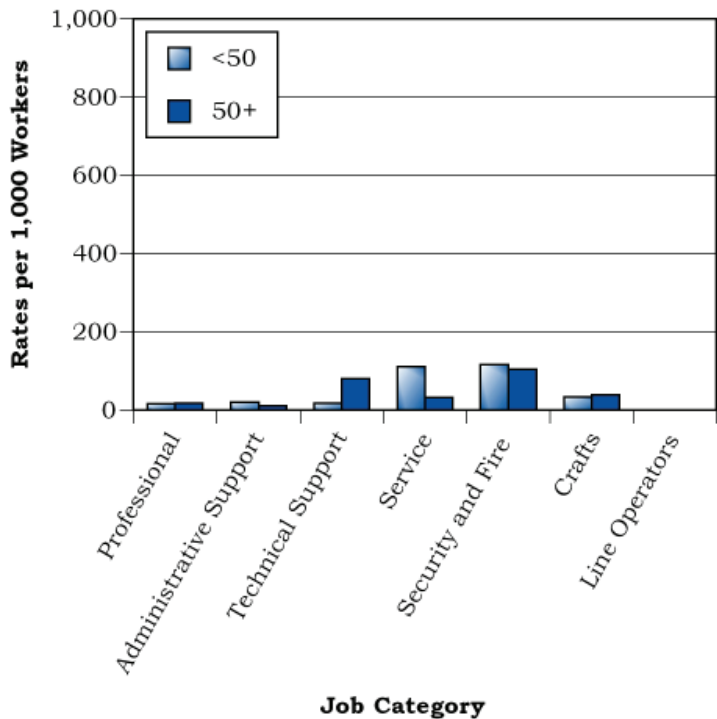


Rates of OSHA-Recordable Events

**Figure 18. OSHA-Recordable Rates by Age and Job Categories Among Women, All Diagnoses Combined**



**Figure 19. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined**



## **Appendices**

**Lawrence Livermore National Laboratory 2004**  
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	51	123	281	156	611	162	452	1,000	1,223	2,837	3,448
Administrative Support	226	264	624	605	1,719	286	156	452	720	1,614	3,333
Technical Support	124	62	121	81	388	180	159	370	286	995	1,383
Service	6	13	51	57	127	22	41	90	125	278	405
Security and Fire	8	8	16	7	39	76	89	99	38	302	341
Crafts	1	1	7	7	16	17	56	159	153	385	401
<b>TOTAL</b>	416	471	1,100	913	2,900	743	953	2,170	2,545	6,411	9,311

**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

**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	3	11	6	21	3	9	22	35	69	90
Administrative Support	5	18	51	50	124	4	9	22	29	64	188
Technical Support	0	1	10	5	16	3	6	26	21	56	72
Service	0	1	6	13	20	2	3	10	16	31	51
Security and Fire	1	1	4	0	6	7	6	7	5	25	31
Crafts	0	1	0	1	2	0	4	7	20	31	33
<b>TOTAL</b>	7	25	82	75	189	19	37	94	126	276	465

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

# Lawrence Livermore National Laboratory 2004

## Absence Data

### 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	3	13	7	24	3	10	23	36	72	96
Administrative Support	5	18	58	54	135	4	10	24	32	70	205
Technical Support	0	1	10	6	17	3	7	28	23	61	78
Service	0	2	7	15	24	2	3	10	19	34	58
Security and Fire	1	1	6	0	8	10	7	7	7	31	39
Crafts	0	2	0	3	5	0	4	9	21	34	39
<b>TOTAL</b>	<b>7</b>	<b>27</b>	<b>94</b>	<b>85</b>	<b>213</b>	<b>22</b>	<b>41</b>	<b>101</b>	<b>138</b>	<b>302</b>	<b>515</b>

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

### 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	5	14	41	34	94	19	31	62	61	173	267
15 - 28	1	4	19	12	36	2	5	18	32	57	93
29 - 42	1	3	8	12	24	0	1	4	13	18	42
43 - 56	0	2	11	9	22	0	1	3	12	16	38
57 - 91	0	1	5	11	17	0	2	7	11	20	37
92 - 182	0	2	3	6	11	1	1	3	9	14	25
183 +	0	1	7	1	9	0	0	4	0	4	13
<b>TOTAL</b>	<b>7</b>	<b>27</b>	<b>94</b>	<b>85</b>	<b>213</b>	<b>22</b>	<b>41</b>	<b>101</b>	<b>138</b>	<b>302</b>	<b>515</b>

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

# Lawrence Livermore National Laboratory 2004

## 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	8	55	9	12	8	2	94
15 - 28	9	23	2	2	0	0	36
29 - 42	1	15	1	7	0	0	24
43 - 56	3	15	2	1	0	1	22
57 - 91	0	12	2	1	0	2	17
92 - 182	2	8	0	1	0	0	11
183 +	1	7	1	0	0	0	9
<b>TOTAL</b>	24	135	17	24	8	5	213

#### Men

# of Calendar Days	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
< 15	40	38	42	18	21	14	173
15 - 28	16	10	13	10	3	5	57
29 - 42	2	9	2	0	0	5	18
43 - 56	5	4	1	1	2	3	16
57 - 91	4	6	0	3	5	2	20
92 - 182	4	1	3	2	0	4	14
183 +	1	2	0	0	0	1	4
<b>TOTAL</b>	72	70	61	34	31	34	302

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

# Lawrence Livermore National Laboratory 2004

## 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>	0	1	4	4	9
-Intestinal Infectious Dis	001-009	0	0	0	0	0
-Other Bacterial Dis	030-041	0	0	1	1	2
-Viral Dis with Exanthem	050-057	0	0	1	1	2
-Other Viral Dis & Chlamydiae	070-079	0	0	2	2	4
-Rickettsioses & Other Arthropod	080-088	0	1	0	0	1
-Mycoses	110-118	0	0	0	0	0
-Other Infections & Parasitic Dis	130-136	0	0	0	0	0
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	0	0	3	7	10
-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	1	5	6
-Genitourinary	179-189	0	0	1	2	3
-Other & Unspecified Sites	190, 193-199	0	0	1	0	1
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	1	0	4	2	7
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	2	4	4	10
-Thyroid Gland Disorders	240-246	0	0	2	0	2
-Other Endocrine Gland Dis	250-259	0	0	1	1	2
-Other Metabolic & Immunity Disorders	270-279	0	2	1	3	6
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	0	0	0	0	0
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	1	1	1	3
-Non-Psychotic Disorders	300-302, 306-316	0	1	1	1	3
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	0	3	1	4
-Other Disorders of Central NS	340-349	0	0	2	0	2
-Disorders of Peripheral NS	350-359	0	0	0	0	0
-Disorders of Eye	360-379	0	0	0	1	1
-Dis of Ear & Mastoid	380-389	0	0	1	0	1
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	0	0	4	4	8
-Hypertensive Dis	401-405	0	0	1	1	2
-Ischemic Heart Dis	410-414	0	0	0	2	2
-Dis of Pulmonary Circulation	415-417	0	0	0	0	0
-Other Heart Dis	420-429	0	0	0	0	0
-Cerebrovascular Dis	430-438	0	0	0	0	0
-Dis of Arteries & Capillaries	440-448	0	0	0	0	0
-Dis of Veins, Lymphatics, Other	451-459	0	0	3	1	4
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	1	3	16	13	33
-Acute Respiratory Infections	460-466	0	2	3	1	6

(Continued)

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

# Lawrence Livermore National Laboratory 2004

## 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>	1	2	5	3	11	20	
-Intestinal Infectious Dis	001-009	0	0	1	0	1	1	
-Other Bacterial Dis	030-041	0	0	0	1	1	3	
-Viral Dis with Exanthem	050-057	0	0	1	0	1	3	
-Other Viral Dis & Chlamydiae	070-079	1	1	2	1	5	9	
-Rickettsioses & Other Arthropod	080-088	0	0	0	0	0	1	
-Mycoses	110-118	0	0	1	1	2	2	
-Other Infections & Parasitic Dis	130-136	0	1	0	0	1	1	
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	0	0	1	7	8	18	
-Digestive & Peritoneal	150-159	0	0	1	4	5	5	
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	1	1	1	
-Breast	174-175	0	0	0	0	0	6	
-Genitourinary	179-189	0	0	0	2	2	5	
-Other & Unspecified Sites	190, 193-199	0	0	0	0	0	1	
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	0	0	1	5	6	13	
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	0	4	5	9	19	
-Thyroid Gland Disorders	240-246	0	0	1	0	1	3	
-Other Endocrine Gland Dis	250-259	0	0	2	0	2	4	
-Other Metabolic & Immunity Disorders	270-279	0	0	1	5	6	12	
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	1	0	0	0	1	1	
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	0	1	0	1	4	
-Non-Psychotic Disorders	300-302, 306-316	0	0	1	0	1	4	
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	3	4	3	10	14	
-Other Disorders of Central NS	340-349	0	1	0	0	1	3	
-Disorders of Peripheral NS	350-359	0	0	1	0	1	1	
-Disorders of Eye	360-379	0	2	2	3	7	8	
-Dis of Ear & Mastoid	380-389	0	0	1	0	1	2	
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	1	1	5	13	20	28	
-Hypertensive Dis	401-405	0	0	0	0	0	2	
-Ischemic Heart Dis	410-414	0	0	2	8	10	12	
-Dis of Pulmonary Circulation	415-417	0	0	0	1	1	1	
-Other Heart Dis	420-429	0	0	0	4	4	4	
-Cerebrovascular Dis	430-438	0	1	0	0	1	1	
-Dis of Arteries & Capillaries	440-448	0	0	1	0	1	1	
-Dis of Veins, Lymphatics, Other	451-459	1	0	2	0	3	7	
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	7	9	15	11	42	75	
-Acute Respiratory Infections	460-466	3	3	3	1	10	16	

(Continued)

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

# Lawrence Livermore National Laboratory 2004

## Absence Data

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

		Women					TOTAL
		Age Group					
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
-Other Dis Upper Respiratory Tract	470-478	1	1	4	2	8	
-Pneumonia & Influenza	480-487	0	0	7	6	13	
-Chronic Obstructive Dis	490-496	0	0	2	3	5	
-Other Respiratory Dis	510-519	0	0	0	1	1	
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	2	15	4	21	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	0	0	
-Esophagus, Stomach, Duodenum	530-537	0	0	2	0	2	
-Appendicitis	540-543	0	0	0	0	0	
-Hernia	550-553	0	0	2	1	3	
-Enteritis, Colitis	555-558	0	1	2	0	3	
-Other Intestinal Dis	560-569	0	0	5	1	6	
-Other Digestive Dis	570-579	0	1	4	2	7	
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	2	5	13	4	24	
-Other Urinary Dis	590-599	0	0	1	1	2	
-Male Genital Organ Dis	600-608	0	0	0	0	0	
-Breast Disorders	610-611	0	1	0	1	2	
-Pelvic Inflammatory Dis	614-616	0	0	1	0	1	
-Other Female Disorders	617-629	2	4	11	2	19	
<b>PREGNANCY &amp; CHILDBIRTH</b>	<b>630-677</b>	0	2	0	0	2	
-Ectopic & Molar Pregnancy	630-633	0	1	0	0	1	
-Pregnancy with Abortive Outcome	634-639	0	1	0	0	1	
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	1	2	4	7	
-Infections	680-686	0	0	1	1	2	
-Other	700-709	0	1	1	3	5	
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	2	3	16	28	49	
-Arthropathies	710-719	2	2	5	12	21	
-Dorsopathies	720-724	0	1	8	9	18	
-Rheumatism, Excluding Back	725-729	0	0	3	7	10	
-Other Dis & Acquired Deformities	730-739	0	0	0	0	0	
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	0	0	1	0	1	
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	1	3	5	4	13	
-Symptoms	780-789	1	2	5	4	12	
-Non-Specific Abnormal Findings	790-796	0	0	0	0	0	
-Ill-Defined & Unknown Causes	797-799	0	1	0	0	1	
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	2	7	17	14	40	
-Fracture - Skull	800-804	0	0	0	0	0	

(Continued)

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



# Lawrence Livermore National Laboratory 2004

## Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
-Other Dis Upper Respiratory Tract	470-478	1	1	4	5	11	19	
-Pneumonia & Influenza	480-487	2	2	5	4	13	26	
-Chronic Obstructive Dis	490-496	1	3	0	0	4	9	
-Other Respiratory Dis	510-519	0	0	3	1	4	5	
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>4</b>	<b>6</b>	<b>11</b>	<b>25</b>	<b>46</b>	<b>67</b>	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	1	2	2	
-Esophagus, Stomach, Duodenum	530-537	1	0	1	2	4	6	
-Appendicitis	540-543	1	1	0	2	4	4	
-Hernia	550-553	0	3	9	18	30	33	
-Enteritis, Colitis	555-558	0	2	0	0	2	5	
-Other Intestinal Dis	560-569	0	0	0	0	0	6	
-Other Digestive Dis	570-579	2	0	0	2	4	11	
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>13</b>	<b>17</b>	<b>41</b>	
-Other Urinary Dis	590-599	1	2	0	7	10	12	
-Male Genital Organ Dis	600-608	0	1	0	6	7	7	
-Breast Disorders	610-611	0	0	0	0	0	2	
-Pelvic Inflammatory Dis	614-616	0	0	0	0	0	1	
-Other Female Disorders	617-629	0	0	0	0	0	19	
<b>PREGNANCY &amp; CHILDBIRTH</b>	<b>630-677</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	
-Ectopic & Molar Pregnancy	630-633	0	0	0	0	0	1	
-Pregnancy with Abortive Outcome	634-639	0	0	0	0	0	1	
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>6</b>	<b>11</b>	<b>18</b>	
-Infections	680-686	1	0	2	6	9	11	
-Other	700-709	1	0	1	0	2	7	
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>2</b>	<b>10</b>	<b>27</b>	<b>41</b>	<b>80</b>	<b>129</b>	
-Arthropathies	710-719	1	4	12	21	38	59	
-Dorsopathies	720-724	0	5	12	18	35	53	
-Rheumatism, Excluding Back	725-729	1	1	2	1	5	15	
-Other Dis & Acquired Deformities	730-739	0	0	1	1	2	2	
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>	
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>7</b>	<b>23</b>	<b>36</b>	
-Symptoms	780-789	4	6	4	6	20	32	
-Non-Specific Abnormal Findings	790-796	0	0	2	1	3	3	
-Ill-Defined & Unknown Causes	797-799	0	0	0	0	0	1	
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>4</b>	<b>14</b>	<b>25</b>	<b>19</b>	<b>62</b>	<b>102</b>	
-Fracture - Skull	800-804	0	1	0	0	1	1	

(Continued)

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

# Lawrence Livermore National Laboratory 2004

## Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
-Fracture - Neck, Trunk	805-809	0	0	1	1	2
-Fracture - Upper Limb	810-819	0	0	1	1	2
-Fracture - Lower Limb	820-829	0	0	5	3	8
-Dislocation	830-839	0	0	2	1	3
-Sprains & Strains - Back	846-847	1	0	0	1	2
-Sprains & Strains - Other	840-845, 848	0	1	3	6	10
-Intracranial Injury	850-854	0	0	0	0	0
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	1	0	1
-Open Wound - Upper Limb	880-887	0	0	2	0	2
-Open Wound - Lower Limb	890-897	0	0	0	0	0
-Contusion	920-924	0	3	1	0	4
-Burns	940-949	0	0	1	0	1
-Complications & Unspecified Injuries	958-959	1	2	0	1	4
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	1	0	0	1
-Complications of Surgical/Medical Care	996-999	0	0	0	0	0
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	1	3	1	5
-Personal & Family History	V10-V19	0	0	0	0	0
-Health Services Reproduction/Development	V20-V29	0	0	0	0	0
-Specific Procedures/Aftercare	V50-V59	0	1	3	1	5
-Examination & Investigation	V70-V82	0	0	0	0	0

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

# Lawrence Livermore National Laboratory 2004

## Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
-Fracture - Neck, Trunk	805-809	0	1	0	2	3	5	
-Fracture - Upper Limb	810-819	0	3	7	2	12	14	
-Fracture - Lower Limb	820-829	0	1	5	0	6	14	
-Dislocation	830-839	0	0	3	0	3	6	
-Sprains & Strains - Back	846-847	0	4	2	1	7	9	
-Sprains & Strains - Other	840-845, 848	0	3	3	8	14	24	
-Intracranial Injury	850-854	1	0	0	0	1	1	
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	1	1	1	
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	1	
-Open Wound - Upper Limb	880-887	0	0	0	0	0	2	
-Open Wound - Lower Limb	890-897	0	0	1	0	1	1	
-Contusion	920-924	0	0	1	0	1	5	
-Burns	940-949	1	0	0	0	1	2	
-Complications & Unspecified Injuries	958-959	0	0	3	3	6	10	
-Toxic Effects - Non-medicinal	980-989	0	1	0	0	1	1	
-Unspecified Effects - External Causes	990-995	2	0	0	1	3	4	
-Complications of Surgical/Medical Care	996-999	0	0	0	1	1	1	
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	0	2	1	4	9	
-Personal & Family History	V10-V19	0	0	0	1	1	1	
-Health Services Reproduction/Development	V20-V29	1	0	0	0	1	1	
-Specific Procedures/Aftercare	V50-V59	0	0	1	0	1	6	
-Examination & Investigation	V70-V82	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>	9	31	111	95	246	28	54	111	159	352	598

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

## Lawrence Livermore National Laboratory 2004

### Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	6	40	146	192
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	542	503	1,045
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	12	0	204	53	269
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	56	108	161	325
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	0
MENTAL DISORDERS	290-319	0	136	362	12	510
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	897	9	906
CIRCULATORY SYSTEM	390-459	0	0	70	321	391
RESPIRATORY SYSTEM	460-519	6	28	165	238	437
DIGESTIVE SYSTEM	520-579	0	16	314	42	372
GENTOURINARY SYSTEM	580-629	22	257	395	295	969
PREGNANCY & CHILDBIRTH	630-677	0	35	0	0	35
SKIN & SUBCUTANEOUS TISSUE	680-709	0	20	134	100	254
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	34	279	858	613	1,784
CONGENITAL ANOMALIES	740-759	0	0	10	0	10
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	11	47	166	87	311
INJURY & POISONING	800-999	37	86	618	690	1,431

\*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 2004

### 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	10	20	82	32	144	336	
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	62	506	568	1,613	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	3	78	81	350	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	55	54	109	434	
BLOOD & BLOOD-FORMING ORGANS	280-289	2	0	0	0	2	2	
MENTAL DISORDERS	290-319	0	0	3	0	3	513	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	100	39	64	203	1,109	
CIRCULATORY SYSTEM	390-459	11	88	107	407	613	1,004	
RESPIRATORY SYSTEM	460-519	59	69	519	124	771	1,208	
DIGESTIVE SYSTEM	520-579	44	151	127	559	881	1,253	
GENTOURINARY SYSTEM	580-629	7	26	0	289	322	1,291	
PREGNANCY & CHILDBIRTH	630-677	0	0	0	0	0	35	
SKIN & SUBCUTANEOUS TISSUE	680-709	22	0	80	147	249	503	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	12	169	1,337	1,228	2,746	4,530	
CONGENITAL ANOMALIES	740-759	0	0	4	0	4	14	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	97	146	515	106	864	1,175	
INJURY & POISONING	800-999	22	98	455	655	1,230	2,661	

\*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 2004

## Absence Data

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

		Women						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code							
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	1	7	0	1	0	0	9
-Other Bacterial Dis	030-041	0	2	0	0	0	0	2
-Viral Dis with Exanthem	050-057	0	2	0	0	0	0	2
-Other Viral Dis & Chlamydiae	070-079	0	3	0	1	0	0	4
-Rickettsioses & Other Arthropod	080-088	1	0	0	0	0	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	2	8	0	0	0	0	10
-Breast	174-175	1	5	0	0	0	0	6
-Genitourinary	179-189	1	2	0	0	0	0	3
-Other & Unspecified Sites	190, 193-199	0	1	0	0	0	0	1
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	1	4	2	0	0	0	7
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	1	5	2	2	0	0	10
-Thyroid Gland Disorders	240-246	0	2	0	0	0	0	2
-Other Endocrine Gland Dis	250-259	0	0	1	1	0	0	2
-Other Metabolic & Immunity Disorders	270-279	1	3	1	1	0	0	6
<b>MENTAL DISORDERS</b>	<b>290-319</b>	1	2	0	0	0	0	3
-Non-Psychotic Disorders	300-302, 306-316	1	2	0	0	0	0	3
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	2	1	1	0	0	0	4
-Other Disorders of Central NS	340-349	2	0	0	0	0	0	2
-Disorders of Eye	360-379	0	0	1	0	0	0	1
-Dis of Ear & Mastoid	380-389	0	1	0	0	0	0	1
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	0	6	0	1	1	0	8
-Hypertensive Dis	401-405	0	0	0	1	1	0	2
-Ischemic Heart Dis	410-414	0	2	0	0	0	0	2
-Dis of Veins, Lymphatics, Other	451-459	0	4	0	0	0	0	4
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	2	20	4	3	3	1	33
-Acute Respiratory Infections	460-466	0	2	1	3	0	0	6
-Other Dis Upper Respiratory Tract	470-478	0	5	0	0	2	1	8
-Pneumonia & Influenza	480-487	2	9	2	0	0	0	13
-Chronic Obstructive Dis	490-496	0	3	1	0	1	0	5
-Other Respiratory Dis	510-519	0	1	0	0	0	0	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	5	13	2	1	0	0	21

(Continued)

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

# Lawrence Livermore National Laboratory 2004

## Absence Data

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

Diagnostic Category		Women						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
	ICD-9-CM Code							
-Esophagus, Stomach, Duodenum	530-537	1	1	0	0	0	0	2
-Hernia	550-553	0	2	1	0	0	0	3
-Enteritis, Colitis	555-558	0	2	1	0	0	0	3
-Other Intestinal Dis	560-569	1	5	0	0	0	0	6
-Other Digestive Dis	570-579	3	3	0	1	0	0	7
GENTOURINARY SYSTEM	580-629	3	18	1	1	1	0	24
-Other Urinary Dis	590-599	0	2	0	0	0	0	2
-Breast Disorders	610-611	0	2	0	0	0	0	2
-Pelvic Inflammatory Dis	614-616	0	1	0	0	0	0	1
-Other Female Disorders	617-629	3	13	1	1	1	0	19
PREGNANCY & CHILDBIRTH	630-677	0	2	0	0	0	0	2
-Ectopic & Molar Pregnancy	630-633	0	1	0	0	0	0	1
-Pregnancy with Abortive Outcome	634-639	0	1	0	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	1	4	0	2	0	0	7
-Infections	680-686	0	2	0	0	0	0	2
-Other	700-709	1	2	0	2	0	0	5
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	6	29	3	9	1	1	49
-Arthropathies	710-719	2	13	0	5	0	1	21
-Dorsopathies	720-724	1	13	1	2	1	0	18
-Rheumatism, Excluding Back	725-729	3	3	2	2	0	0	10
CONGENITAL ANOMALIES	740-759	0	1	0	0	0	0	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	8	1	0	1	3	13
-Symptoms	780-789	0	7	1	0	1	3	12
-Ill-Defined & Unknown Causes	797-799	0	1	0	0	0	0	1
INJURY & POISONING	800-999	2	25	2	9	1	1	40
-Fracture - Neck, Trunk	805-809	0	2	0	0	0	0	2
-Fracture - Upper Limb	810-819	0	1	0	1	0	0	2
-Fracture - Lower Limb	820-829	1	6	0	1	0	0	8
-Dislocation	830-839	0	1	1	0	0	1	3
-Sprains & Strains - Back	846-847	0	2	0	0	0	0	2
-Sprains & Strains - Other	840-845, 848	1	4	1	4	0	0	10
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1	0	0	1
-Open Wound - Upper Limb	880-887	0	2	0	0	0	0	2

(Continued)

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

**Lawrence Livermore National Laboratory 2004**

**Absence Data**

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

		Women						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code							
-Contusion	920-924	0	4	0	0	0	0	4
-Burns	940-949	0	1	0	0	0	0	1
-Complications & Unspecified Injuries	958-959	0	2	0	1	1	0	4
-Unspecified Effects - External Causes	990-995	0	0	0	1	0	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	3	1	0	1	0	5
-Specific Procedures/Aftercare	V50-V59	0	3	1	0	1	0	5

	Women						
	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category							
Total	27	156	19	29	9	6	246

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



# Lawrence Livermore National Laboratory 2004

## 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>	2	4	3	1	1	0	11
-Intestinal Infectious Dis	001-009	0	0	1	0	0	0	1
-Other Bacterial Dis	030-041	0	0	0	1	0	0	1
-Viral Dis with Exanthem	050-057	0	0	1	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	2	2	0	0	1	0	5
-Mycoses	110-118	0	1	1	0	0	0	2
-Other Infections & Parasitic Dis	130-136	0	1	0	0	0	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	4	4	0	0	0	0	8
-Digestive & Peritoneal	150-159	3	2	0	0	0	0	5
-Bone, Connective Tissue, Skin	170-173, 176	0	1	0	0	0	0	1
-Genitourinary	179-189	1	1	0	0	0	0	2
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	4	0	0	1	0	1	6
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	1	2	2	0	4	0	9
-Thyroid Gland Disorders	240-246	0	0	0	0	1	0	1
-Other Endocrine Gland Dis	250-259	1	0	1	0	0	0	2
-Other Metabolic & Immunity Disorders	270-279	0	2	1	0	3	0	6
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	0	0	0	0	1	0	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	0	1	0	0	0	1
-Non-Psychotic Disorders	300-302, 306-316	0	0	1	0	0	0	1
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	2	2	1	1	2	2	10
-Other Disorders of Central NS	340-349	0	0	0	0	1	0	1
-Disorders of Peripheral NS	350-359	0	1	0	0	0	0	1
-Disorders of Eye	360-379	2	1	1	1	1	1	7
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	1	1
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	10	1	5	2	1	1	20
-Ischemic Heart Dis	410-414	4	1	2	2	0	1	10
-Dis of Pulmonary Circulation	415-417	1	0	0	0	0	0	1
-Other Heart Dis	420-429	3	0	1	0	0	0	4
-Cerebrovascular Dis	430-438	0	0	0	0	1	0	1
-Dis of Arteries & Capillaries	440-448	1	0	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	1	0	2	0	0	0	3

(Continued)

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

# Lawrence Livermore National Laboratory 2004

## 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>RESPIRATORY SYSTEM</b>	<b>460-519</b>	9	8	6	8	8	3	42
-Acute Respiratory Infections	460-466	0	1	2	3	3	1	10
-Other Dis Upper Respiratory Tract	470-478	3	2	3	1	2	0	11
-Pneumonia & Influenza	480-487	4	2	1	4	1	1	13
-Chronic Obstructive Dis	490-496	1	0	0	0	2	1	4
-Other Respiratory Dis	510-519	1	3	0	0	0	0	4
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	10	11	10	5	5	5	46
-Oral Cavity, Saliva Glands, Jaw	520-529	2	0	0	0	0	0	2
-Esophagus, Stomach, Duodenum	530-537	0	0	1	1	2	0	4
-Appendicitis	540-543	2	1	1	0	0	0	4
-Hernia	550-553	5	7	8	4	2	4	30
-Enteritis, Colitis	555-558	1	0	0	0	0	1	2
-Other Digestive Dis	570-579	0	3	0	0	1	0	4
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	7	2	6	1	1	0	17
-Other Urinary Dis	590-599	3	1	5	1	0	0	10
-Male Genital Organ Dis	600-608	4	1	1	0	1	0	7
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	4	4	1	1	1	0	11
-Infections	680-686	3	4	0	1	1	0	9
-Other	700-709	1	0	1	0	0	0	2
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	13	22	14	8	3	20	80
-Arthropathies	710-719	8	12	7	2	2	7	38
-Dorsopathies	720-724	3	10	7	5	0	10	35
-Rheumatism, Excluding Back	725-729	1	0	0	1	1	2	5
-Other Dis & Acquired Deformities	730-739	1	0	0	0	0	1	2
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	0	0	0	0	0	1	1
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	3	5	4	2	7	2	23
-Symptoms	780-789	3	4	4	1	6	2	20
-Non-Specific Abnormal Findings	790-796	0	1	0	1	1	0	3
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	12	18	11	8	8	5	62
-Fracture - Skull	800-804	0	1	0	0	0	0	1
-Fracture - Neck, Trunk	805-809	2	1	0	0	0	0	3
-Fracture - Upper Limb	810-819	3	4	2	2	0	1	12
-Fracture - Lower Limb	820-829	1	2	1	2	0	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 2004

## 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							
-Dislocation	830-839	0	1	1	1	0	0	3
-Sprains & Strains - Back	846-847	0	1	2	1	2	1	7
-Sprains & Strains - Other	840-845, 848	3	2	3	0	3	3	14
-Intracranial Injury	850-854	0	1	0	0	0	0	1
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	1	0	0	0	0	0	1
-Open Wound - Lower Limb	890-897	0	1	0	0	0	0	1
-Contusion	920-924	0	0	1	0	0	0	1
-Burns	940-949	0	1	0	0	0	0	1
-Complications & Unspecified Injuries	958-959	1	1	1	2	1	0	6
-Toxic Effects - Non-medicinal	980-989	0	1	0	0	0	0	1
-Unspecified Effects - External Causes	990-995	0	1	0	0	2	0	3
-Complications of Surgical/Medical Care	996-999	1	0	0	0	0	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	0	3	0	0	0	4
-Personal & Family History	V10-V19	1	0	0	0	0	0	1
-Health Services Reproduction/Development	V20-V29	0	0	1	0	0	0	1
-Specific Procedures/Aftercare	V50-V59	0	0	1	0	0	0	1
-Examination & Investigation	V70-V82	0	0	1	0	0	0	1

Diagnostic Category	Men						
	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Total	82	83	67	38	42	40	352

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

# Lawrence Livermore National Laboratory 2004

## Absence Data

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

Diagnostic Category		Women						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
ICD-9-CM Code								
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	6	176	0	10	0	0	192
MALIGNANT NEOPLASMS	140-208, 230-234	51	994	0	0	0	0	1,045
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	43	112	114	0	0	0	269
ENDOCRINE/METABOLIC/IMMUNITY	240-279	42	188	44	51	0	0	325
MENTAL DISORDERS	290-319	12	498	0	0	0	0	510
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	387	510	9	0	0	0	906
CIRCULATORY SYSTEM	390-459	0	331	0	57	3	0	391
RESPIRATORY SYSTEM	460-519	26	266	49	21	22	53	437
DIGESTIVE SYSTEM	520-579	68	283	11	10	0	0	372
GENTOURINARY SYSTEM	580-629	59	815	44	42	9	0	969
PREGNANCY & CHILDBIRTH	630-677	0	35	0	0	0	0	35
SKIN & SUBCUTANEOUS TISSUE	680-709	115	82	0	57	0	0	254
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	117	913	512	150	2	90	1,784
CONGENITAL ANOMALIES	740-759	0	10	0	0	0	0	10
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	216	8	0	2	85	311
INJURY & POISONING	800-999	128	921	17	272	3	90	1,431

Diagnostic Category		Men						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
ICD-9-CM Code								
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	20	69	29	22	4	0	144
MALIGNANT NEOPLASMS	140-208, 230-234	330	238	0	0	0	0	568
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	62	0	0	3	0	16	81
ENDOCRINE/METABOLIC/IMMUNITY	240-279	11	31	30	0	37	0	109
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	2	0	2

(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 2004

## 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>MENTAL DISORDERS</b>	<b>290-319</b>	0	0	3	0	0	0	3
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	20	15	9	23	106	30	203
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	291	25	33	157	88	19	613
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	107	438	77	69	63	17	771
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	138	143	123	64	247	166	881
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	205	41	69	5	2	0	322
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	116	101	14	10	8	0	249
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	493	563	411	240	59	980	2,746
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	0	0	0	0	0	4	4
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	115	531	19	28	157	14	864
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	202	233	196	273	128	198	1,230

\*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 2004

## Absence Data

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

#### Part 1. Men

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	11	1.7	0.9	3.3
Malignant Neoplasms	140-208, 230-234	8	0.9	0.5	1.9
-Digestive Organs	150-159	5	0.6	0.2	1.4
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	2	0.3	0.1	1.1
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	6	0.6	0.3	1.4
Endocrine & Metabolic Diseases	240-279	9	1.0	0.5	1.8
Blood & Blood-Forming Organs	280-289	1	0.3	0.0	2.4
Mental Disorders	290-319	1	0.1	0.0	0.8
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	10	1.5	0.8	2.9
Circulatory System	390-459	20	2.5	1.5	4.1
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	6	0.6	0.3	1.4
-Ischemic Disease, not M.I.	411-414, 429.2	4	0.4	0.2	1.1
-Cerebrovascular Disease	430-438	1	0.2	0.0	1.8
Respiratory System	460-519	42	7.4	5.2	10.4
-Upper Respiratory	460-465, 470-478	21	3.7	2.3	6.1
-Pneumonia/Bronchitis	466, 480-487	13	2.1	1.1	4.0
-Chronic Respiratory Conditions	490-496	4	1.1	0.4	2.9
Digestive System	520-579	46	6.6	4.7	9.1
-Hernias	550-553	30	3.5	2.4	5.2
-Gallbladder Disease	574-575	3	0.6	0.2	2.1
Genitourinary System	580-629	17	2.5	1.4	4.2
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	11	1.6	0.8	3.3
Musculoskeletal System	710-739	80	10.5	8.3	13.4
-Dorsopathies	720-724	35	4.6	3.2	6.5
Congenital Anomalies	740-759	1	0.1	0.0	0.8
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	23	4.2	2.7	6.7
Injury & Poisoning	800-999	62	9.5	7.2	12.5
-Fractures, All Sites	800-829	22	3.2	2.0	5.0

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

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

## Lawrence Livermore National Laboratory 2004

### Absence Data

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
-Dislocations	830-839	3	0.3	0.1	1.0
-Sprains & Strains	840-848	21	3.2	2.0	5.1
-Intracranial Injuries	850-854	1	0.3	0.0	2.4
-Internal Injuries	860-869	1	0.1	0.0	0.7
-Open Wounds	870-897	1	0.1	0.0	0.8
-Other Injuries	900-999	13	2.2	1.2	4.2
Health Status/Health Serv Contact	V01-V82	4	0.7	0.2	2.1
-Family History of Health Problems	V10-V19	1	0.1	0.0	0.9
-Circumstances Reproduction/Develop	V20-V28	1	0.3	0.0	2.4
-Specific Procedure/Aftercare	V50-V59	1	0.1	0.0	0.8
<b>Total</b>		<b>352</b>	<b>51.7</b>	<b>46.0</b>	<b>58.2</b>

#### Part 2. Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	9	2.6	1.3	5.4
Malignant Neoplasms	140-208, 230-234	10	4.0	2.0	7.8
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	6	2.7	1.2	6.4
-Genitourinary	179-189	3	1.0	0.3	3.6
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	7	2.3	1.0	5.2
Endocrine & Metabolic Diseases	240-279	10	2.8	1.4	5.4
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	3	0.9	0.3	3.2
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	4	0.9	0.3	2.3
Circulatory System	390-459	8	2.8	1.3	6.0
-Hypertension	401	2	0.8	0.2	3.6
-Acute Myocardial Infarction	410	1	0.2	0.0	1.7
-Ischemic Disease, not M.I.	411-414, 429.2	1	0.6	0.1	4.1
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	33	9.2	6.3	13.4
-Upper Respiratory	460-465, 470-478	14	4.3	2.4	7.6

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

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

## Lawrence Livermore National Laboratory 2004

### Absence Data

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
-Pneumonia/Bronchitis	466, 480-487	13	3.2	1.8	5.8
-Chronic Respiratory Conditions	490-496	5	1.5	0.6	3.9
Digestive System	520-579	21	6.1	3.8	9.8
-Hernias	550-553	3	1.0	0.3	3.5
-Gallbladder Disease	574-575	7	2.5	1.1	5.6
Genitourinary System	580-629	24	8.1	5.2	12.6
-Endometriosis	617	3	1.2	0.4	4.0
-Ovarian Cysts	620.0-620.2	2	0.4	0.1	1.7
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	2	1.0	0.2	4.0
Skin & Subcutaneous Tissue	680-709	7	2.5	1.1	5.7
Musculoskeletal System	710-739	49	14.3	10.5	19.5
-Dorsopathies	720-724	18	4.6	2.8	7.6
Congenital Anomalies	740-759	1	0.2	0.0	1.5
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	13	4.1	2.3	7.5
Injury & Poisoning	800-999	40	12.3	8.7	17.2
-Fractures, All Sites	800-829	12	3.3	1.8	6.2
-Dislocations	830-839	3	0.7	0.2	2.0
-Sprains & Strains	840-848	12	3.4	1.8	6.3
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	3	0.6	0.2	2.0
-Other Injuries	900-999	10	4.3	2.2	8.2
Health Status/Health Serv Contact	V01-V82	5	1.4	0.5	3.5
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	5	1.4	0.5	3.5
<b>Total</b>		<b>246</b>	<b>75.4</b>	<b>65.7</b>	<b>86.6</b>

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

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



# Lawrence Livermore National Laboratory 2004

## Absence Data

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

#### Part 3. Men and Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	20	1.9	1.2	3.1
Malignant Neoplasms	140-208, 230-234	18	1.6	1.0	2.6
-Digestive Organs	150-159	5	0.4	0.2	1.0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	6	0.6	0.3	1.3
-Genitourinary	179-189	5	0.5	0.2	1.1
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	13	1.1	0.6	2.1
Endocrine & Metabolic Diseases	240-279	19	1.6	1.0	2.5
Blood & Blood-Forming Organs	280-289	1	0.2	0.0	1.6
Mental Disorders	290-319	4	0.4	0.1	1.1
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	14	1.3	0.7	2.3
Circulatory System	390-459	28	2.4	1.6	3.6
-Hypertension	401	2	0.2	0.0	0.7
-Acute Myocardial Infarction	410	7	0.5	0.2	1.1
-Ischemic Disease, not M.I.	411-414, 429.2	5	0.4	0.2	0.9
-Cerebrovascular Disease	430-438	1	0.2	0.0	1.2
Respiratory System	460-519	75	7.7	6.0	10.0
-Upper Respiratory	460-465, 470-478	35	3.9	2.7	5.7
-Pneumonia/Bronchitis	466, 480-487	26	2.4	1.6	3.7
-Chronic Respiratory Conditions	490-496	9	1.1	0.5	2.2
Digestive System	520-579	67	6.2	4.8	8.1
-Hernias	550-553	33	2.7	1.9	3.8
-Gallbladder Disease	574-575	10	1.1	0.5	2.1
Genitourinary System	580-629	41	4.3	3.0	6.0
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	3	0.4	0.1	1.3
-Ovarian Cysts	620.0-620.2	2	0.1	0.0	0.6
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	2	0.3	0.1	1.3
Skin & Subcutaneous Tissue	680-709	18	1.8	1.1	3.0
Musculoskeletal System	710-739	129	11.6	9.6	13.9
-Dorsopathies	720-724	53	4.6	3.5	6.2
Congenital Anomalies	740-759	2	0.1	0.0	0.6

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

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

## Lawrence Livermore National Laboratory 2004

### Absence Data

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	36	4.2	2.9	6.0
Injury & Poisoning	800-999	102	10.2	8.3	12.7
-Fractures, All Sites	800-829	34	3.0	2.1	4.4
-Dislocations	830-839	6	0.4	0.2	0.9
-Sprains & Strains	840-848	33	3.3	2.3	4.8
-Intracranial Injuries	850-854	1	0.2	0.0	1.6
-Internal Injuries	860-869	1	0.1	0.0	0.5
-Open Wounds	870-897	4	0.3	0.1	0.8
-Other Injuries	900-999	23	2.9	1.9	4.6
Health Status/Health Serv Contact	V01-V82	9	0.9	0.4	1.9
-Family History of Health Problems	V10-V19	1	0.1	0.0	0.8
-Circumstances Reproduction/Develop	V20-V28	1	0.2	0.0	1.6
-Specific Procedure/Aftercare	V50-V59	6	0.5	0.2	1.2
<b>Total</b>		598	57.9	53.0	63.3

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

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

**Lawrence Livermore National Laboratory 2004**  
**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	1	4	9	1	15	2	2	9	13	26	41
Administrative Support	1	7	17	19	44	1	1	6	6	14	58
Technical Support	3	2	2	1	8	1	1	7	11	20	28
Service	0	0	2	5	7	2	4	3	3	12	19
Security and Fire	1	0	1	1	3	6	2	9	2	19	22
Crafts	0	0	1	1	2	1	1	4	4	10	12
<b>TOTAL</b>	6	13	32	28	79	13	11	38	39	101	180

\*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	6	41	21	14	211	121	20	252	142
30 - 39	14	157	3	12	299	152	26	456	155
40 - 49	33	128	282	38	559	70	71	687	352
50 +	31	583	561	43	667	179	74	1250	740
<b>TOTAL</b>	84	909	867	107	1736	522	191	2645	1389

**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	15	43	163	26	65	17	41	108	180
Administrative Support	47	546	264	15	223	71	62	769	335
Technical Support	8	124	85	22	467	191	30	591	276
Service	8	194	341	12	307	134	20	501	475
Security and Fire	4	0	14	20	398	105	24	398	119
Crafts	2	2	0	12	276	4	14	278	4
<b>Total</b>	84	909	867	107	1736	522	191	2645	1389

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

**Lawrence Livermore National Laboratory 2004**

**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					
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	0	1	0	1
-Other Disorders of Central NS	340-349	0	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	1	0	1
-Dis of Ear & Mastoid	380-389	0	0	0	0	0
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	0	0	0	0
-Hernia	550-553	0	0	0	0	0
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	2	15	24	28	69
-Arthropathies	710-719	1	10	12	13	36
-Dorsopathies	720-724	0	1	5	7	13
-Rheumatism, Excluding Back	725-729	1	4	7	8	20
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	0	2	4	1	7
-Symptoms	780-789	0	2	4	1	7
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	7	15	34	36	92
-Fracture - Upper Limb	810-819	0	0	1	1	2
-Fracture - Lower Limb	820-829	0	0	1	0	1
-Dislocation	830-839	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	3	3	6
-Sprains & Strains - Other	840-845, 848	0	4	5	7	16
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1	1
-Open Wound - Upper Limb	880-887	1	0	2	1	4
-Open Wound - Lower Limb	890-897	0	0	1	0	1
-Superficial Injury	910-919	0	1	0	1	2
-Contusion	920-924	0	1	5	6	12
-Crushing Injury	925-929	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0
-Burns	940-949	0	0	0	0	0
-Injury to Nerves & Spinal Cord	950-957	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	6	9	15	15	45
-Toxic Effects - Non-medicinal	980-989	0	0	1	1	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.

**Lawrence Livermore National Laboratory 2004**

**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							
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	1	0	1	3	5	6	
-Other Disorders of Central NS	340-349	1	0	0	0	1	1	
-Disorders of Peripheral NS	350-359	0	0	0	1	1	2	
-Dis of Ear & Mastoid	380-389	0	0	1	2	3	3	
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	1	0	1	0	2	2	
-Hernia	550-553	1	0	1	0	2	2	
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	6	3	24	21	54	123	
-Arthropathies	710-719	3	1	15	13	32	68	
-Dorsopathies	720-724	3	2	5	5	15	28	
-Rheumatism, Excluding Back	725-729	0	0	4	3	7	27	
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	2	0	2	4	8	15	
-Symptoms	780-789	2	0	2	4	8	15	
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	15	14	44	39	112	204	
-Fracture - Upper Limb	810-819	0	0	1	1	2	4	
-Fracture - Lower Limb	820-829	0	1	3	1	5	6	
-Dislocation	830-839	1	0	2	0	3	3	
-Sprains & Strains - Back	846-847	4	3	3	7	17	23	
-Sprains & Strains - Other	840-845, 848	4	2	13	13	32	48	
-Open Wound - Head, Neck, Trunk	870-879	1	0	1	3	5	6	
-Open Wound - Upper Limb	880-887	0	3	4	2	9	13	
-Open Wound - Lower Limb	890-897	0	0	0	0	0	1	
-Superficial Injury	910-919	0	1	1	1	3	5	
-Contusion	920-924	2	2	6	4	14	26	
-Crushing Injury	925-929	0	1	0	0	1	1	
-Foreign Body Entering Orifice	930-939	1	0	0	2	3	3	
-Burns	940-949	0	1	1	0	2	2	
-Injury to Nerves & Spinal Cord	950-957	0	0	0	1	1	1	
-Complications & Unspecified Injuries	958-959	2	0	8	3	13	58	
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	2	
-Unspecified Effects - External Causes	990-995	0	0	1	1	2	2	

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

**Lawrence Livermore National Laboratory 2004**

**OSHA Data**

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

	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
<b>Diagnostic Category</b>											
<b>Total</b>	9	32	63	65	169	25	17	72	67	181	350

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

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**OSHA Data**

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Disorders of Peripheral NS	350-359	0	0	0	0	66	22	0	0
-Arthropathies	710-719	13	0	140	0	66	22	62	246
-Dorsopathies	720-724	0	0	0	0	0	83	227	238
-Rheumatism, Excluding Back	725-729	21	21	140	0	66	107	73	114
-Symptoms	780-789	0	0	0	0	0	0	0	11
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	4	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	173	13
-Sprains & Strains - Other	840-845, 848	0	0	17	0	25	21	223	202
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	2	0	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0	2	0	0
-Superficial Injury	910-919	0	0	0	3	0	0	0	0
-Contusion	920-924	0	0	0	0	0	2	1	25
-Complications & Unspecified Injuries	958-959	41	21	140	0	101	173	139	204
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	3	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								
-Other Disorders of Central NS	340-349	0	0	0	0	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	0
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	0
-Hernia	550-553	26	19	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	97	12	222	85
-Dorsopathies	720-724	1	30	104	98	34	3	50	61
-Rheumatism, Excluding Back	725-729	0	0	0	0	137	0	202	33
-Symptoms	780-789	26	19	0	0	19	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	163	17	271	32	0	5
-Dislocation	830-839	0	0	0	0	71	20	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.

**Lawrence Livermore National Laboratory 2004**

**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								
-Sprains & Strains - Back	846-847	1	46	104	131	15	3	21	7
-Sprains & Strains - Other	840-845, 848	141	56	0	0	106	15	371	114
-Open Wound - Head, Neck, Trunk	870-879	13	0	0	0	9	0	0	0
-Open Wound - Upper Limb	880-887	0	0	18	4	13	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	5
-Contusion	920-924	0	0	18	0	153	27	176	4
-Crushing Injury	925-929	0	0	8	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	4
-Burns	940-949	0	0	4	0	4	0	0	0
-Injury to Nerves & Spinal Cord	950-957	0	0	0	0	0	0	36	54
-Complications & Unspecified Injuries	958-959	30	0	0	0	70	0	22	33
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	0	12

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



# Lawrence Livermore National Laboratory 2004

## 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	0	0	0	0	0	1	0	1	
Motor Vehicle Nontraffic	E820-E825	0	0	1	0	1	0	0	0	0	0	
Other Road Vehicle	E826-E829	0	0	1	1	2	0	0	0	2	2	
Accidental Poisoning - Non-medicinal	E860-E869	0	0	1	0	1	0	0	0	0	0	
Falls	E880-E888	0	2	4	9	15	0	2	4	6	12	
Natural/Environmental Factors	E900-E909	0	1	0	1	2	0	0	2	0	2	
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	1	0	0	2	3	
Other Accidents	E916-E928	6	11	26	20	63	12	10	29	32	83	
Adverse Effect - Medicinal/Biological	E930-E949	0	0	0	0	0	0	0	0	1	1	

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

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## OSHA Data

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	0	0	0
Other Road Vehicle	E826-E829	0	0	0	0	0	0	4	0
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	3	0	0
Falls	E880-E888	0	0	0	0	21	21	203	144
Natural/Environmental Factors	E900-E909	0	0	0	3	0	0	0	0
Other Accidents	E916-E928	41	21	157	0	107	258	376	417

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Motor Vehicle Traffic	E810-E819	0	0	0	0	27	12	0	0
Other Road Vehicle	E826-E829	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	14	5	197	9
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	4
Other Accidents	E916-E928	185	102	299	152	518	53	470	154
Adverse Effect - Medicinal/Biological	E930-E949	0	0	0	0	0	0	0	12

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

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**OSHA Data**

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

		Women						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code							
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	1	0	0	0	1
-Disorders of Peripheral NS	350-359	0	0	1	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	8	50	4	3	3	1	69
-Arthropathies	710-719	5	26	2	1	2	0	36
-Dorsopathies	720-724	1	11	0	1	0	0	13
-Rheumatism, Excluding Back	725-729	2	13	2	1	1	1	20
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	5	0	0	1	0	7
-Symptoms	780-789	1	5	0	0	1	0	7
INJURY & POISONING	800-999	18	48	8	9	7	2	92
-Fracture - Upper Limb	810-819	0	2	0	0	0	0	2
-Fracture - Lower Limb	820-829	1	0	0	0	0	0	1
-Sprains & Strains - Back	846-847	2	4	0	0	0	0	6
-Sprains & Strains - Other	840-845, 848	3	4	3	6	0	0	16
-Open Wound - Head, Neck, Trunk	870-879	0	1	0	0	0	0	1
-Open Wound - Upper Limb	880-887	0	1	1	1	0	1	4
-Open Wound - Lower Limb	890-897	1	0	0	0	0	0	1
-Superficial Injury	910-919	0	2	0	0	0	0	2
-Contusion	920-924	1	9	0	1	1	0	12
-Complications & Unspecified Injuries	958-959	10	24	4	1	5	1	45
-Toxic Effects - Non-medicinal	980-989	0	1	0	0	1	0	2

	Women						
	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category							
Total	27	103	13	12	11	3	169

\*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	
ICD-9-CM Code								
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	1	1	2	0	1	0	5
-Other Disorders of Central NS	340-349	1	0	0	0	0	0	1
-Disorders of Peripheral NS	350-359	0	0	1	0	0	0	1
-Dis of Ear & Mastoid	380-389	0	1	1	0	1	0	3
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	0	0	1	0	1	2
-Hernia	550-553	0	0	0	1	0	1	2
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	15	8	10	7	12	2	54
-Arthropathies	710-719	12	3	5	2	8	2	32
-Dorsopathies	720-724	2	4	3	4	2	0	15
-Rheumatism, Excluding Back	725-729	1	1	2	1	2	0	7
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	2	1	2	2	1	0	8
-Symptoms	780-789	2	1	2	2	1	0	8
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	31	16	22	11	21	11	112
-Fracture - Upper Limb	810-819	1	1	0	0	0	0	2
-Fracture - Lower Limb	820-829	2	1	0	1	1	0	5
-Dislocation	830-839	1	0	1	0	1	0	3
-Sprains & Strains - Back	846-847	2	5	5	2	3	0	17
-Sprains & Strains - Other	840-845, 848	11	2	8	1	7	3	32
-Open Wound - Head, Neck, Trunk	870-879	3	0	1	1	0	0	5
-Open Wound - Upper Limb	880-887	0	2	0	1	1	5	9
-Superficial Injury	910-919	1	0	0	2	0	0	3
-Contusion	920-924	6	2	2	0	2	2	14
-Crushing Injury	925-929	0	0	0	0	1	0	1
-Foreign Body Entering Orifice	930-939	0	0	1	1	0	1	3
-Burns	940-949	0	0	0	1	1	0	2
-Injury to Nerves & Spinal Cord	950-957	0	0	1	0	0	0	1
-Complications & Unspecified Injuries	958-959	4	2	3	1	3	0	13
-Unspecified Effects - External Causes	990-995	0	1	0	0	1	0	2

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

**Lawrence Livermore National Laboratory 2004**

**OSHA Data**

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

	Men						
	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category							
Total	49	26	36	21	35	14	181

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

**Lawrence Livermore National Laboratory 2004**

**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						
-Disorders of Peripheral NS	350-359	0	0	0	0	66	22
-Arthropathies	710-719	8	10	194	45	79	22
-Dorsopathies	720-724	0	0	227	141	0	0
-Rheumatism, Excluding Back	725-729	0	2	198	103	87	43
-Symptoms	780-789	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	4	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	173	13	0	0
-Sprains & Strains - Other	840-845, 848	0	0	54	45	17	42
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Open Wound - Lower Limb	890-897	0	2	0	0	0	0
-Superficial Injury	910-919	0	0	0	3	0	0
-Contusion	920-924	0	2	1	0	0	0
-Complications & Unspecified Injuries	958-959	43	161	256	100	107	43
-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.

**Lawrence Livermore National Laboratory 2004**

**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		Security and Fire		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0
-Arthropathies	710-719	0	180	0	11	0	0
-Dorsopathies	720-724	0	180	0	0	0	0
-Rheumatism, Excluding Back	725-729	15	83	0	11	0	0
-Symptoms	780-789	0	0	0	11	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	194	136	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	2	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	25	0	0	0	0
-Complications & Unspecified Injuries	958-959	15	83	0	11	0	0
-Toxic Effects - Non-medicinal	980-989	0	0	0	3	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.

**Lawrence Livermore National Laboratory 2004**

**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						
-Other Disorders of Central NS	340-349	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
-Hernia	550-553	0	0	0	0	0	0
-Arthropathies	710-719	21	5	27	12	124	80
-Dorsopathies	720-724	0	7	22	3	65	54
-Rheumatism, Excluding Back	725-729	0	0	0	0	202	33
-Symptoms	780-789	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	10	153	27	0	0
-Dislocation	830-839	0	0	0	0	71	20
-Sprains & Strains - Back	846-847	0	7	22	3	36	33
-Sprains & Strains - Other	840-845, 848	35	0	38	25	329	101
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	9	0
-Open Wound - Upper Limb	880-887	0	0	10	4	0	0
-Superficial Injury	910-919	0	5	0	0	0	0
-Contusion	920-924	0	0	153	27	0	0
-Crushing Injury	925-929	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	4
-Burns	940-949	0	0	0	0	0	0
-Injury to Nerves & Spinal Cord	950-957	0	0	0	0	36	54
-Complications & Unspecified Injuries	958-959	30	0	0	0	22	33
-Unspecified Effects - External Causes	990-995	0	0	0	12	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.



**Lawrence Livermore National Laboratory 2004**

**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						
-Other Disorders of Central NS	340-349	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
-Hernia	550-553	26	19	0	0	0	0
-Arthropathies	710-719	19	0	51	0	77	0
-Dorsopathies	720-724	101	98	1	30	0	0
-Rheumatism, Excluding Back	725-729	19	0	118	0	0	0
-Symptoms	780-789	45	19	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	163	17	118	0	0	0
-Dislocation	830-839	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	82	98	1	46	0	0
-Sprains & Strains - Other	840-845, 848	0	0	206	59	10	0
-Open Wound - Head, Neck, Trunk	870-879	13	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	8	0	13	0
-Superficial Injury	910-919	0	0	0	0	0	0
-Contusion	920-924	0	0	18	0	176	4
-Crushing Injury	925-929	0	0	8	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0
-Burns	940-949	4	0	4	0	0	0
-Injury to Nerves & Spinal Cord	950-957	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	19	0	51	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.

# Lawrence Livermore National Laboratory 2004

## OSHA Data

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

		Women						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Type of Accident	E CODES							
Motor Vehicle Nontraffic	E820-E825	0	1	0	0	0	0	1
Other Road Vehicle	E826-E829	0	2	0	0	0	0	2
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	1	0	1
Falls	E880-E888	1	8	2	3	1	0	15
Natural/Environmental Factors	E900-E909	0	2	0	0	0	0	2
Other Accidents	E916-E928	14	34	6	5	2	2	63

		Men						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Type of Accident	E CODES							
Motor Vehicle Traffic	E810-E819	0	1	0	0	0	0	1
Other Road Vehicle	E826-E829	2	0	0	0	0	0	2
Falls	E880-E888	6	1	1	1	0	3	12
Natural/Environmental Factors	E900-E909	0	0	0	1	1	0	2
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	1	1	0	1	3
Other Accidents	E916-E928	17	12	19	8	19	8	83
Adverse Effect - Medicinal/Biological	E930-E949	0	1	0	0	0	0	1

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

**Lawrence Livermore National Laboratory 2004**

**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	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	0
Other Road Vehicle	E826-E829	0	0	4	0	0	0
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	0	0	0
Falls	E880-E888	0	0	55	45	0	42
Natural/Environmental Factors	E900-E909	0	0	0	3	0	0
Other Accidents	E916-E928	43	163	487	216	124	43

		Women					
		Job Category					
		Service		Security and Fire		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	0
Other Road Vehicle	E826-E829	0	0	0	0	0	0
Accidental Poisoning - Non-medicinal	E860-E869	0	0	0	3	0	0
Falls	E880-E888	169	78	0	0	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0
Other Accidents	E916-E928	25	263	0	11	2	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 2004**

**OSHA Data**

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

		Men					
		Job Category					
		Professional		Administrative Support		Technical Support	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Motor Vehicle Traffic	E810-E819	0	0	27	12	0	0
Other Road Vehicle	E826-E829	0	0	0	0	0	0
Falls	E880-E888	14	10	0	0	11	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	4
Other Accidents	E916-E928	51	7	196	47	456	187
Adverse Effect - Medicinal/Biological	E930-E949	0	0	0	12	0	0

		Men					
		Job Category					
		Service		Security and Fire		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0
Other Road Vehicle	E826-E829	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	186	4
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	281	115	398	105	90	0
Adverse Effect - Medicinal/Biological	E930-E949	0	0	0	0	0	0

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

# Lawrence Livermore National Laboratory 2004

## OSHA Data

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

#### Part 1. Men

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	5	0.8	0.3	2.2
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	2	0.4	0.1	2.1
-Hernias	550-553	2	0.4	0.1	2.1
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	54	7.7	5.7	10.4
-Dorsopathies	720-724	15	2.6	1.5	4.7
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	8	1.3	0.6	3.0
Injury & Poisoning	800-999	112	17.6	14.2	21.7
-Fractures, All Sites	800-829	7	0.9	0.4	2.0

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

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

# Lawrence Livermore National Laboratory 2004

## OSHA Data

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
-Dislocations	830-839	3	0.6	0.1	2.1
-Sprains & Strains	840-848	49	7.9	5.7	10.9
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	14	2.2	1.2	3.9
-Other Injuries	900-999	39	6.0	4.2	8.6
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		181	27.8	23.6	32.9

### Part 2. Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	1	0.2	0.0	1.5
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0

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

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

# Lawrence Livermore National Laboratory 2004

## OSHA Data

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	69	21.7	16.8	28.1
-Dorsopathies	720-724	13	3.2	1.8	5.6
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	7	2.1	0.9	4.7
Injury & Poisoning	800-999	92	28.4	22.7	35.6
-Fractures, All Sites	800-829	3	0.7	0.2	2.0
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	22	6.0	3.9	9.4
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	6	2.0	0.8	5.0
-Other Injuries	900-999	61	19.6	14.9	25.9
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		169	52.4	44.4	61.8

### Part 3. Men and Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0

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

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

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## OSHA Data

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	6	0.6	0.2	1.5
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	2	0.3	0.1	1.4
-Hernias	550-553	2	0.3	0.1	1.4
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	123	12.0	9.9	14.6
-Dorsopathies	720-724	28	2.8	1.9	4.3
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	15	1.6	0.9	2.8
Injury & Poisoning	800-999	204	21.0	18.0	24.5
-Fractures, All Sites	800-829	10	0.8	0.4	1.6
-Dislocations	830-839	3	0.4	0.1	1.3

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

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



**Lawrence Livermore National Laboratory 2004**

**OSHA Data**

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
-Sprains & Strains	840-848	71	7.3	5.6	9.5
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	20	2.1	1.3	3.5
-Other Injuries	900-999	100	10.4	8.3	12.9
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		350	35.5	31.5	39.9

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

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