

# 2008

## Brookhaven National Laboratory Annual Illness and Injury Surveillance Report



# Brookhaven National Laboratory

## 2008 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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## **Brookhaven National Laboratory 2008 Illness and Injury Surveillance Report**

### **At A Glance**

The BNL work force totaled 2,916 workers in 2008, a slight increase from 2,840 workers in 2007. After declining from 2003 to 2006, the number of workers at BNL increased in both 2007 and 2008.

The mean age of the work force has remained the same since 2005 for men (48 years). The mean age for women increased from 46 to 47 years in 2008.

There were a total of 149 absences among 110 women, a rate of 18.7 per 100 workers. Among 240 men, there were 320 absences, a rate of 15.1 per 100 workers. This is only the second year since 2003 that the absence rate for women has been higher than the rate for men. The trend in absence rates at BNL is different than other DOE sites. Among the DOE sites participating in the Illness and Injury Surveillance Program (IISP), the absence rates for women were at least 40 percent higher than those of men each year from 1998 to 2007.

Conditions of the musculoskeletal and respiratory systems, injuries, and unspecified symptoms have been the most common diagnoses each year since 2003 for both men and women.

Service workers had the highest rate for all diagnoses combined among women and men in 2008. The rate for women in 2008 decreased 27 percent from 2007, while the rate for men increased 76 percent during the same time. These rate changes were due to the reporting of musculoskeletal disorders in both men and women.

Injury rates, which declined from 2004 to 2006, increased in 2007 and remained steady for both men and women through 2008. The rate of musculoskeletal conditions decreased for women in 2008, but the rate has exhibited wide annual variation over the period 2003 through 2008. The rate of musculoskeletal conditions remained stable for men over the period. The rate of nervous system disorders increased sharply to the highest level since 2003 for women due to an increase in diagnoses for nerve disorders of the forearm and disorders of the ear and the eye. The rate of nervous system disorders remained steady for men. Chronic respiratory conditions for men and women have remained fairly steady since 2003.

**B**NL reported 44 definite and 10 possible occupational sentinel health event (SHEO) diagnoses in 2008. Musculoskeletal conditions (25 diagnoses) and injuries (16 diagnoses) accounted for most of the SHEO diagnoses. Six SHEO diagnoses were carpal tunnel syndrome, 4 of which were reported by 2 women in the Professional job category.

**A**ccidents were the cause of 24 of the 27 OSHA-recordable events in 2008. The most common type of accident was overexertion and strenuous movements, which accounted for 42 percent of the accidents; falls were the second most common. Twenty-four of the 34 illness and injury diagnoses reported for OSHA events were injuries.

**T**he rate of OSHA events was less than 1 event per 100 workers in 2008, the lowest rate of OSHA events since 2003. Crafts and Security and Fire workers had the highest rate of OSHA events in 2008 (4.7 per 100 workers). Crafts workers have had the highest rate of OSHA events since 2004. Among sites participating in the IISP, the rates for Crafts and Security and Fire workers were among the highest throughout most of the period from 1998 through 2007.

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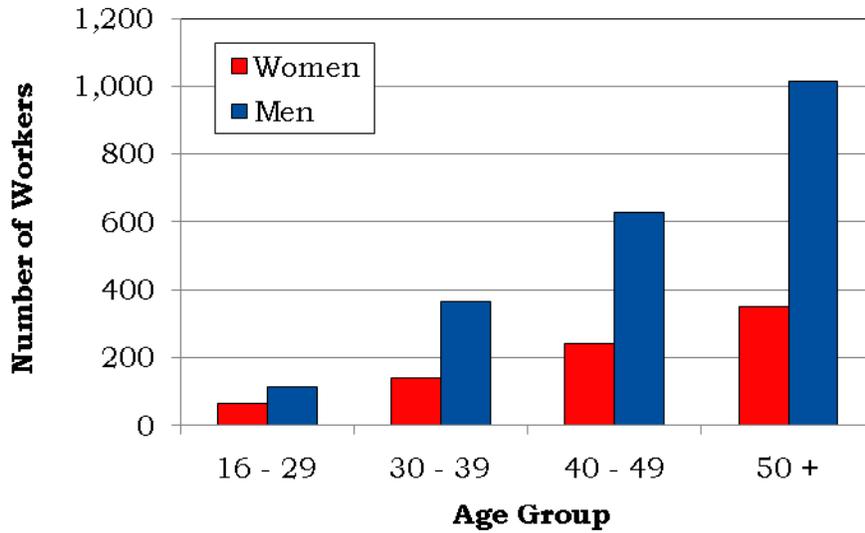
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**The Brookhaven National Laboratory Work Force - 2008**

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

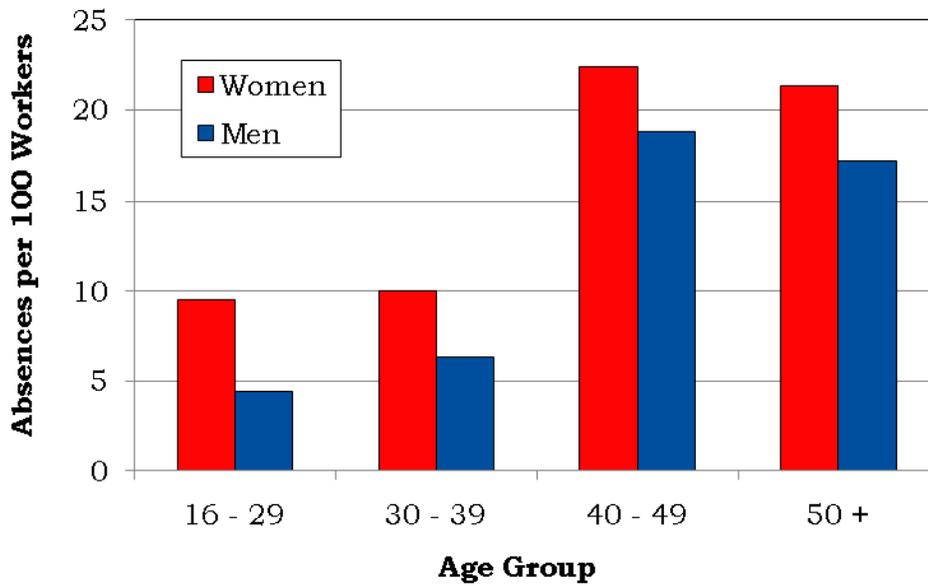


**Figure 2. The Work Force by Gender and Job Category**

Job Category	Women	Men
Professional	387 49%	1,350 64%
Administrative Support	311 39%	49 2%
Technical Support	43 5%	355 17%
Service	49 6%	180 8%
Security and Fire	5 1%	59 3%
Crafts	0 0%	128 6%
Line Operators	0 0%	0 0%
Total	795 100%	2,121 100%

**Number and Length of Absences**

**Figure 3. Absence Rate by Gender and Age**



**Figure 4. Number of Days Absent by Gender and Age**

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women	16-29	6	25	4
	30-39	14	244	17
	40-49	54	1,001	19
	50+	75	1,046	14
	<b>Total</b>	<b>149</b>	<b>2,316</b>	<b>16</b>
Men	16-29	5	64	13
	30-39	23	203	9
	40-49	118	2,320	20
	50+	174	4,324	25
	<b>Total</b>	<b>320</b>	<b>6,911</b>	<b>22</b>

Figure 5. Absence Rate by Job Category and Gender

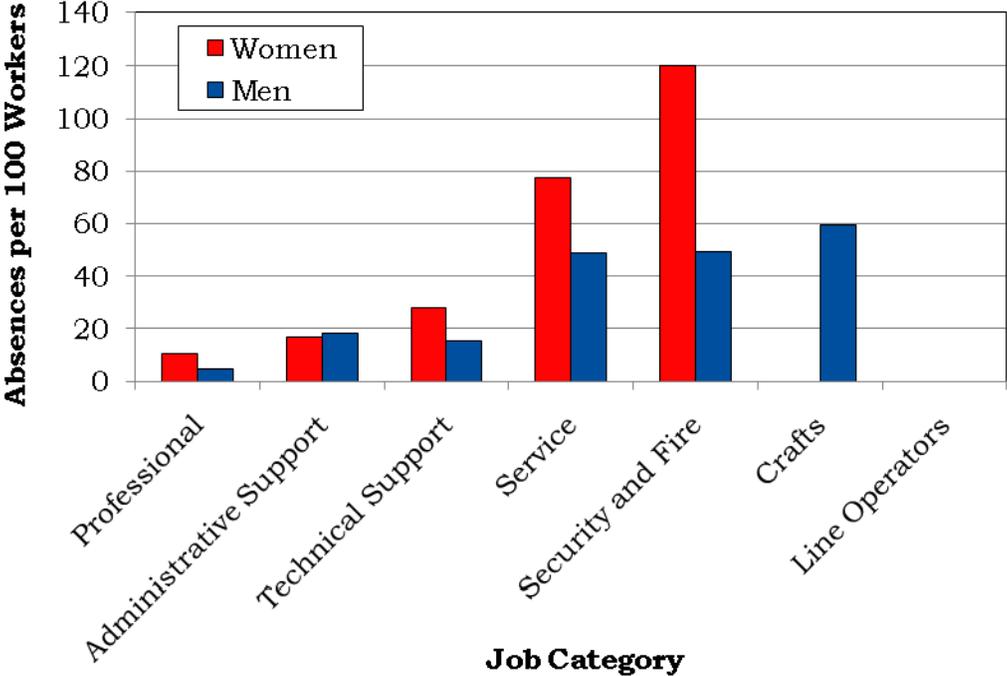
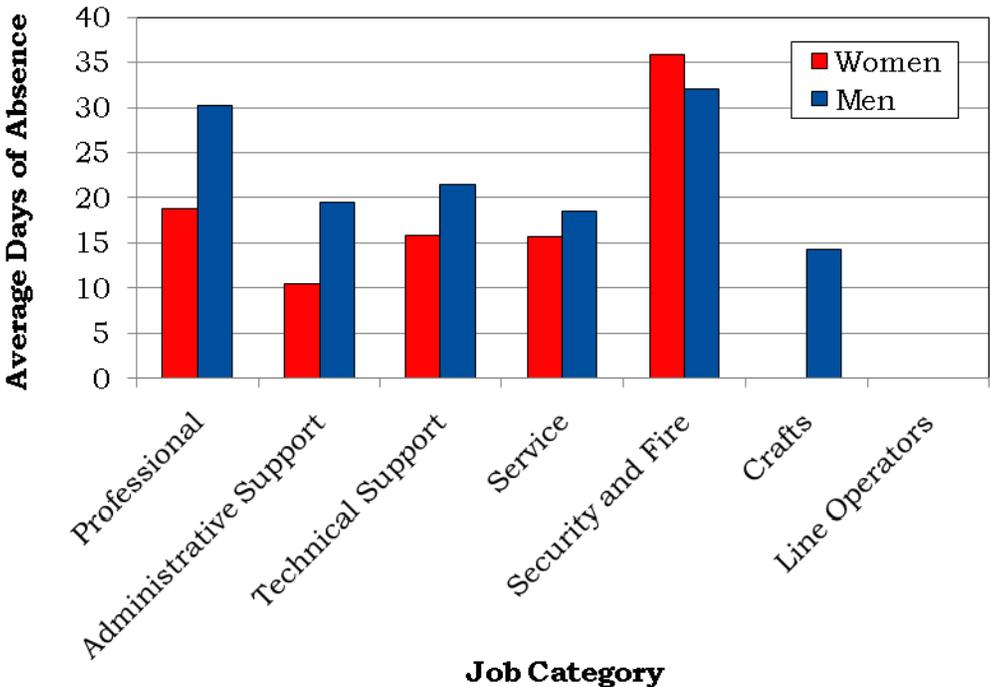


Figure 6. Average Duration of Absence by Job Category and Gender



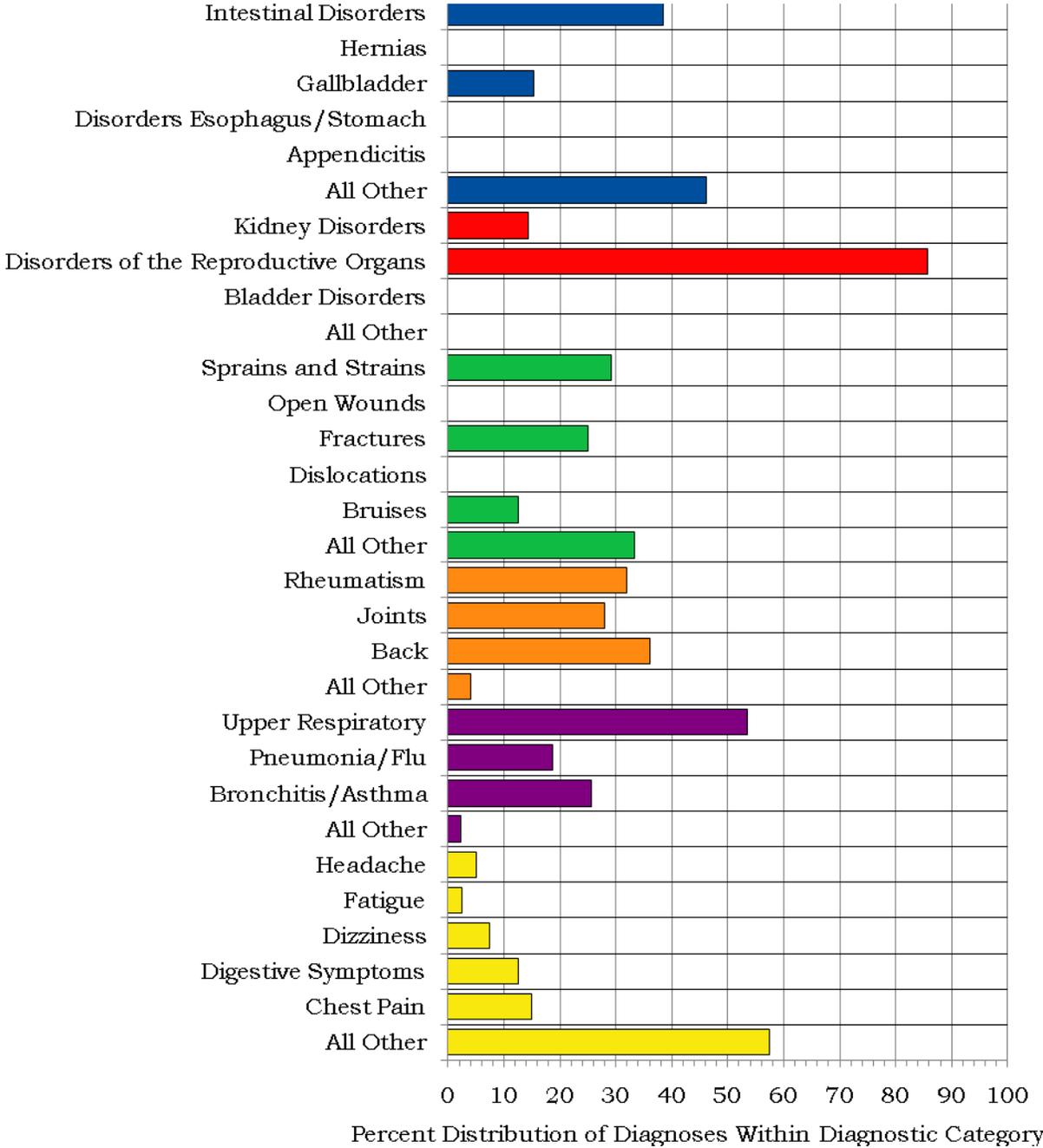
**Diagnostic Categories**

**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	3	99	6	103
Blood	0	0	2	26
Cancer	4	27	16	587
Digestive	13	257	33	522
Endocrine / Metabolic	3	199	10	137
Existing Birth Condition	0	0	1	477
Genitourinary	14	218	8	100
Heart/Circulatory	14	246	39	764
Infections/Parasites	8	88	17	245
Injury	24	454	65	1,861
Miscarriage	0	0	NA	NA
Musculoskeletal	50	725	146	2,811
Nervous System	20	439	17	704
Psychological	2	12	5	260
Respiratory	43	310	81	572
Skin	2	20	12	143
Unspecified Symptoms	40	130	48	342

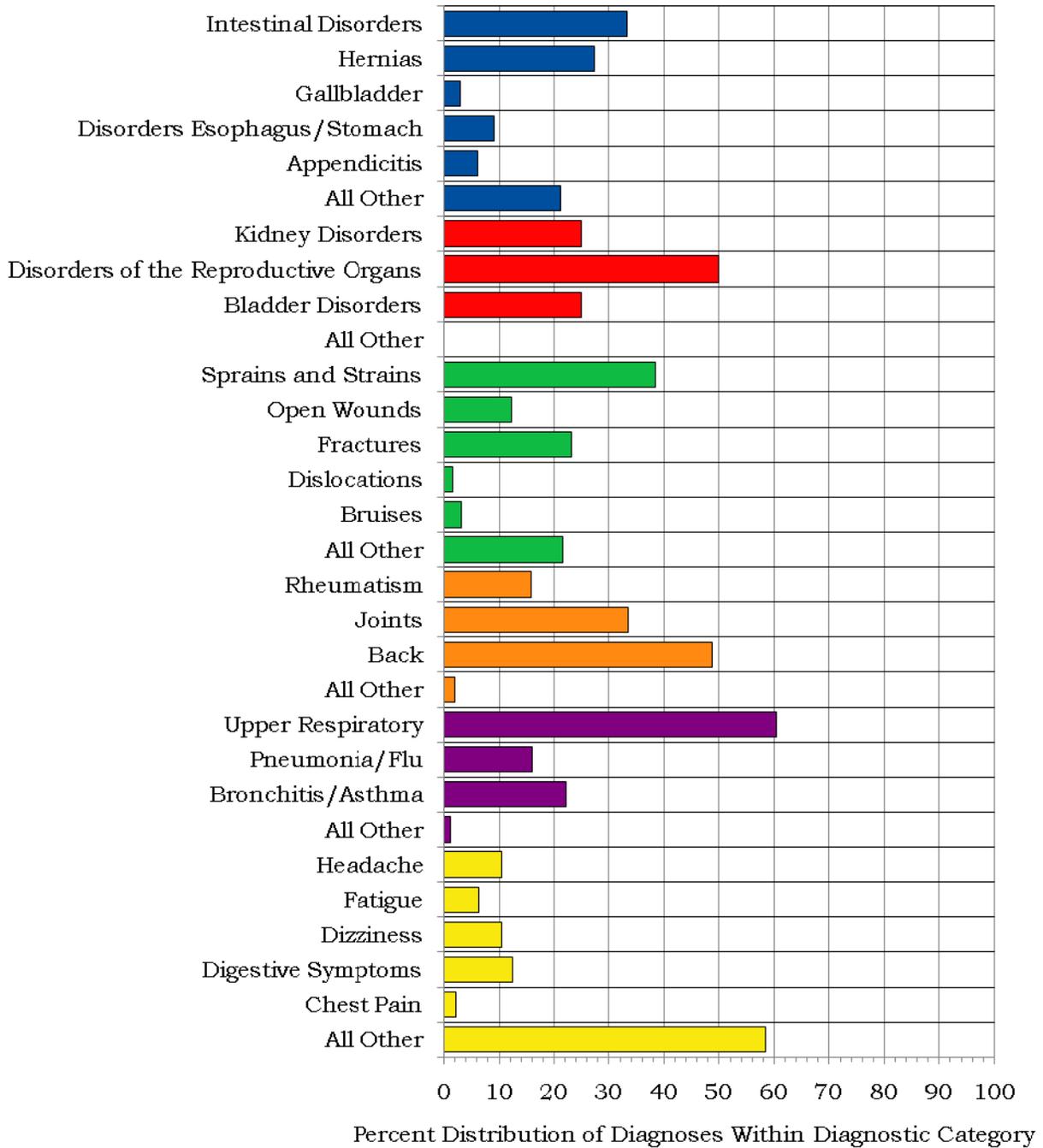
Note: Lost calendar days for each absence are counted more than once when multiple diagnoses occur in different diagnostic categories for the same absence.

Figure 8. Common Diagnoses Among Female Workers in 2008



■ Digestive, 13 Diagnoses	■ Musculoskeletal, 50 Diagnoses
■ Genitourinary, 14 Diagnoses	■ Respiratory, 43 Diagnoses
■ Injury, 24 Diagnoses	■ Unspecified Symptoms, 40 Diagnoses

Figure 9. Common Diagnoses Among Male Workers in 2008



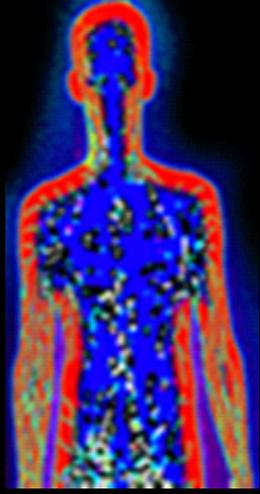
■ Digestive, 33 Diagnoses	■ Musculoskeletal, 146 Diagnoses
■ Genitourinary, 8 Diagnoses	■ Respiratory, 81 Diagnoses
■ Injury, 65 Diagnoses	■ Unspecified Symptoms, 48 Diagnoses

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

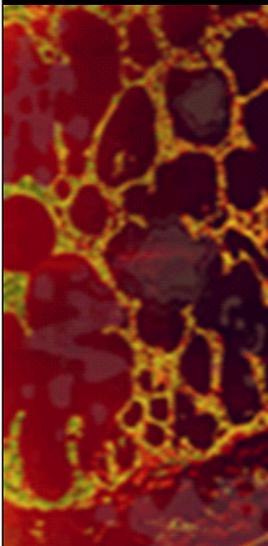
<b>Job Category</b>	<b>Men</b>		<b>Women</b>	
Professional	Heart/Circulatory	17	Musculoskeletal	16
	Injury	15	Nervous System	9
	Musculoskeletal	13	Injury	9
	Respiratory	13		
Administrative Support	Respiratory	4	Respiratory	22
	Musculoskeletal	2	Unspecified Symptoms	21
	Unspecified Symptoms	2	Musculoskeletal	18
Technical Support	Musculoskeletal	26	Unspecified Symptoms	7
	Respiratory	17	Respiratory	4
	Injury	10	Nervous System	3
Service	Musculoskeletal	50	Musculoskeletal	14
	Respiratory	20	Respiratory	12
	Injury	15	Injury	8
Security and Fire	Musculoskeletal	25	Unspecified Symptoms	3
	Respiratory	5	Nervous System	2
	Unspecified Symptoms	5	Musculoskeletal	1
			Genitourinary	1
			Respiratory	1
		Endocrine/Metabolic	1	
Crafts	Musculoskeletal	30		0
	Respiratory	22		
	Injury	20		
Line Operators		0		0

Rates of Disease Occurrence

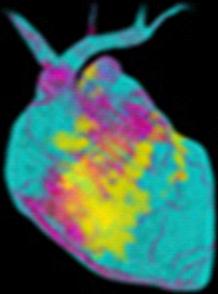
**Figure 11. Rates for All Illnesses and Injuries Combined by Job Category, Gender, and Age**

All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	45	81
		50+	125	327
	Administrative Support	<50	294	293
		50+	188	274
	Technical Support	<50	226	704
		50+	255	63
	Service	<50	819	1,129
		50+	791	1,056
	Security and Fire	<50	657	1,800
		50+	1,000	0
	Crafts	<50	643	0
		50+	1,069	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	4	0
		50+	10	7
	Administrative Support	<50	0	0
		50+	31	12
	Technical Support	<50	6	0
		50+	0	0
	Service	<50	21	32
		50+	35	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	0	0
		50+	28	39
	Administrative Support	<50	0	7
		50+	0	24
	Technical Support	<50	13	74
		50+	30	0
	Service	<50	0	0
		50+	93	56
	Security and Fire	<50	0	0
		50+	125	0
	Crafts	<50	0	0
		50+	52	0
	Line Operators	<50	0	0
		50+	0	0

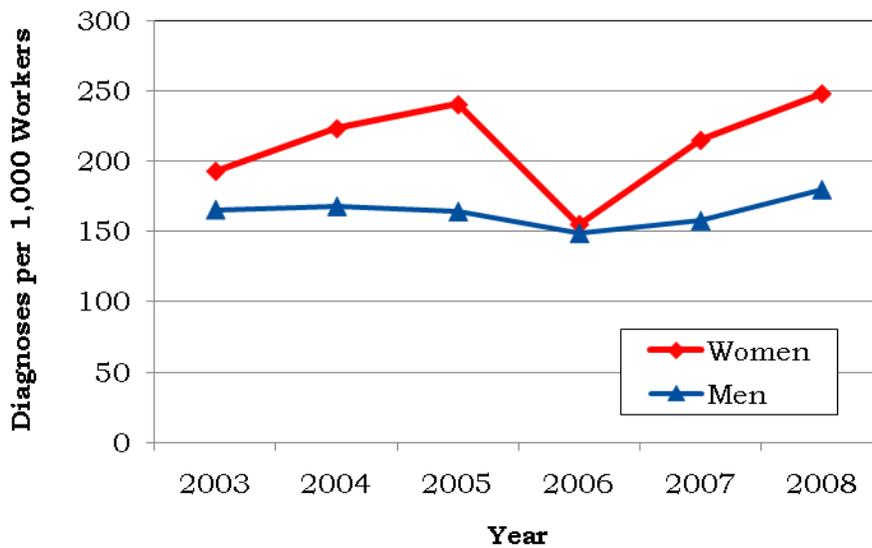
Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	8	0
		50+	11	26
	Administrative Support	<50	59	41
		50+	94	98
	Technical Support	<50	58	148
		50+	40	0
	Service	<50	128	161
		50+	93	389
	Security and Fire	<50	86	200
		50+	83	0
	Crafts	<50	114	0
		50+	241	0
	Line Operators	<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	7	21
		50+	16	26
	Administrative Support	<50	0	34
		50+	31	6
	Technical Support	<50	45	37
		50+	15	0
	Service	<50	96	129
		50+	70	222
	Security and Fire	<50	86	0
		50+	42	0
	Crafts	<50	129	0
		50+	190	0
	Line Operators	<50	0	0
		50+	0	0

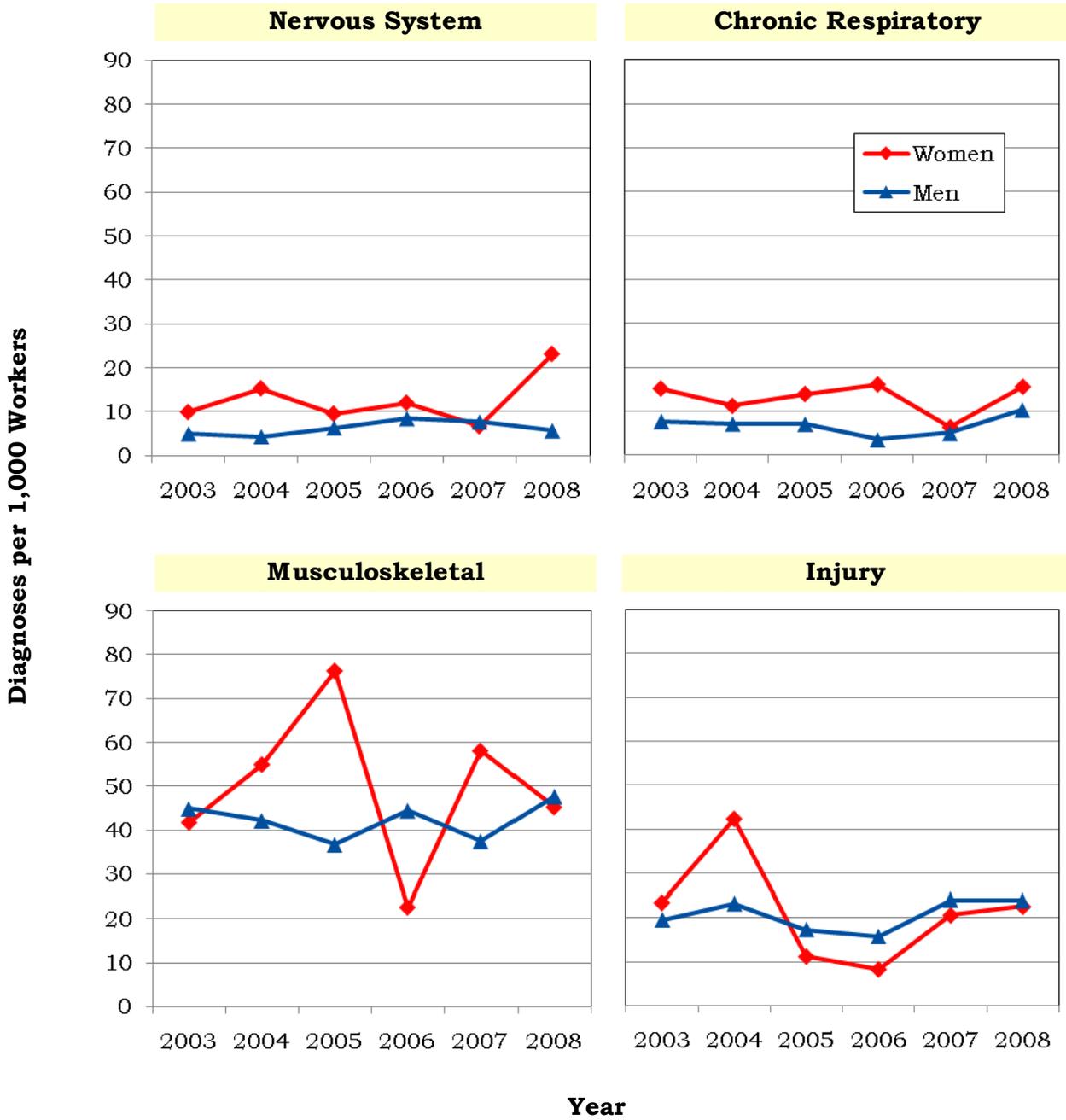
**Time Trends**

**Figure 13. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men from 2003 to 2008\***



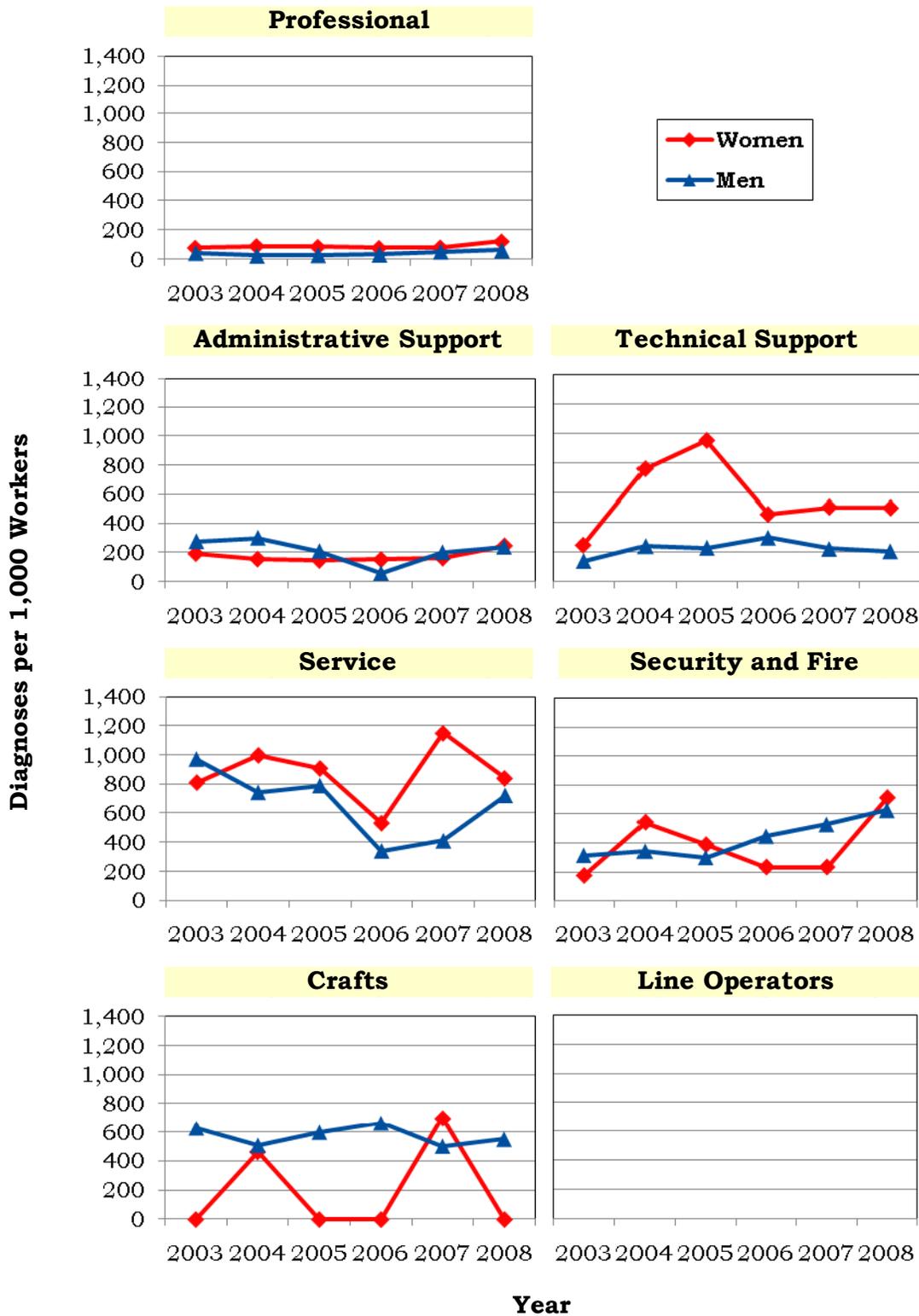
\*Standardized to age distribution of 2000 U.S. population.

**Figure 14. Age-Adjusted Rates for Selected Diagnostic Categories Among Women and Men from 2003 to 2008\***



\*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 2008\***



\*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>31</b>	<b>13</b>	<b>658</b>	<b>91</b>
<b>Possible</b>	<b>6</b>	<b>4</b>	<b>98</b>	<b>71</b>
<b>Total</b>	<b>37</b>	<b>17</b>	<b>756</b>	<b>162</b>

**Figure 17. SHEO Diagnoses by Gender**

Diagnoses	Gender	
	Women	Men
<b>Carpal Tunnel Syndrome</b>	<b>5</b>	<b>1</b>
<b>Musculoskeletal Conditions</b>	<b>5</b>	<b>20</b>
<b>Injuries</b>	<b>6</b>	<b>10</b>
<b>Other Conditions</b>	<b>1</b>	<b>6</b>

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 18. OSHA-Recordable Events by Gender and Age

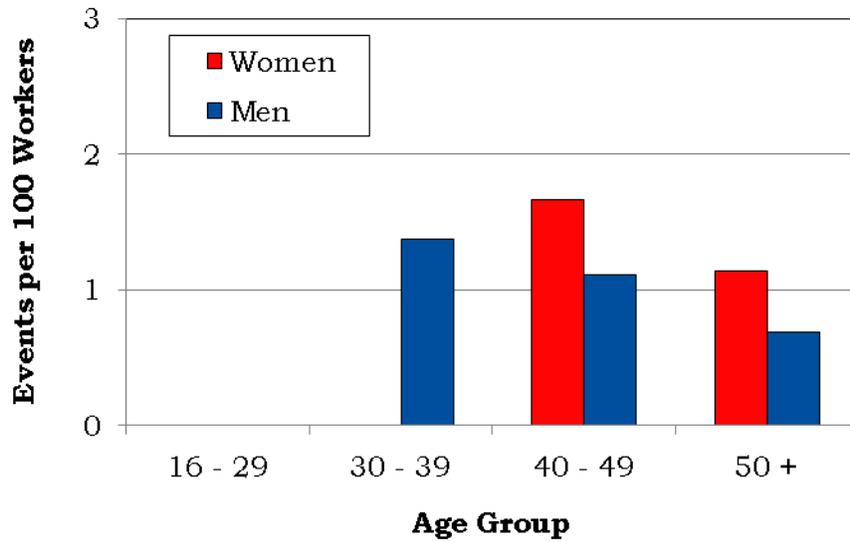
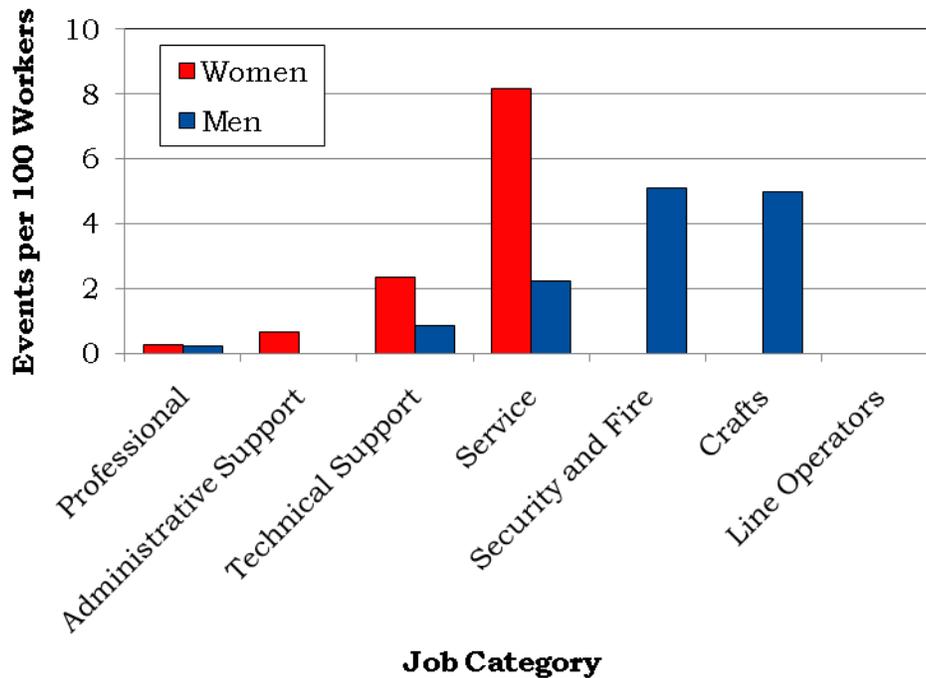


Figure 19. OSHA-Recordable Events by Job Category and Gender



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

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

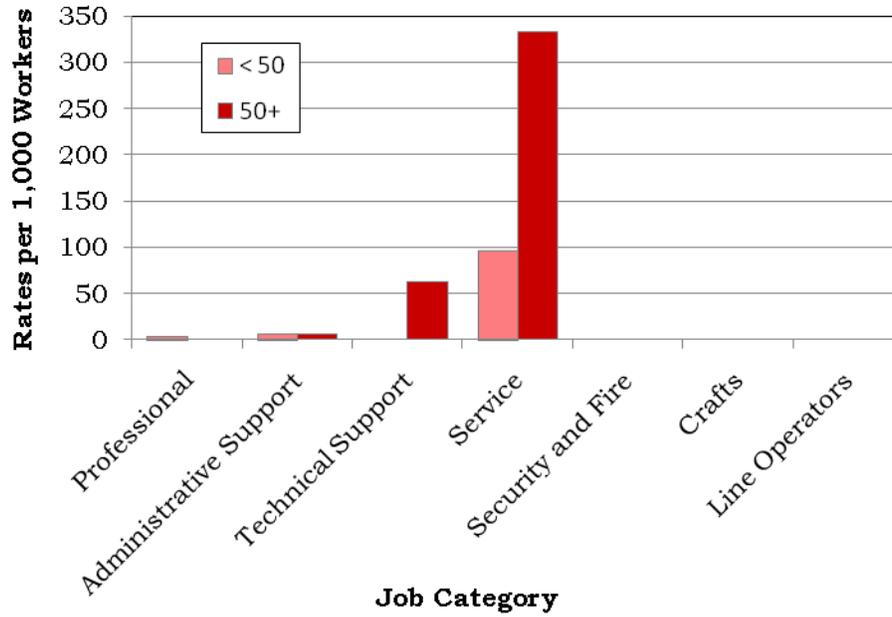
Diagnostic Category	Gender	
	Women	Men
Musculoskeletal	4	4
Nervous System	1	0
Unspecified Symptoms	1	0
Injury	7	17
Fractures - Lower Limb	1	0
Open Wounds - Upper Limb	0	2
Crushing Injuries	0	1
Unspecified Injuries	6	14

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

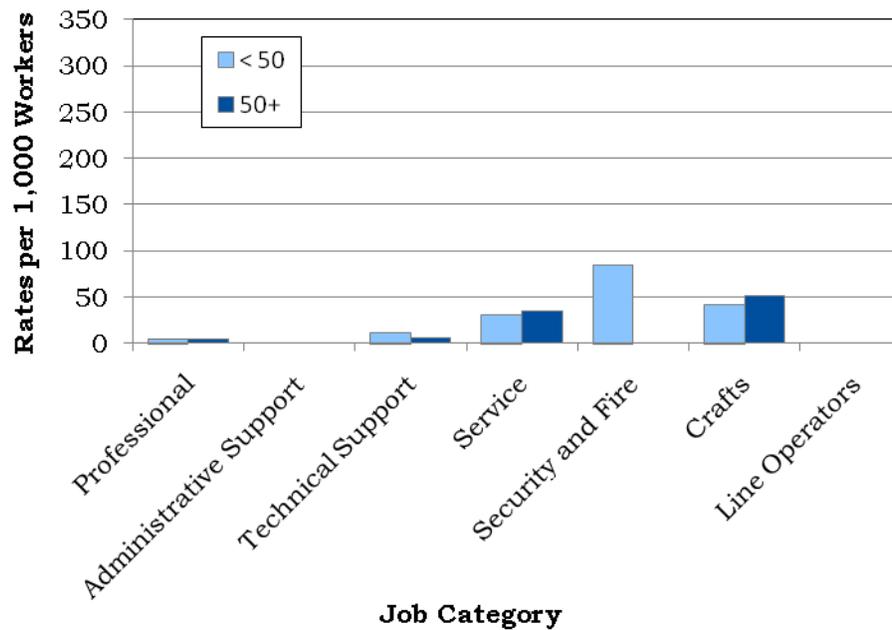
Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Falls	2	5
Other Accidents	5	12
Struck by an Object	2	2
Caught Between Objects	0	1
Cutting/Piercing Instrument/Object	0	1
Overexertion/Strenuous Movements	3	7
Repetitive Trauma	0	1
Total	7	17

Rates of OSHA-Recordable Events

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

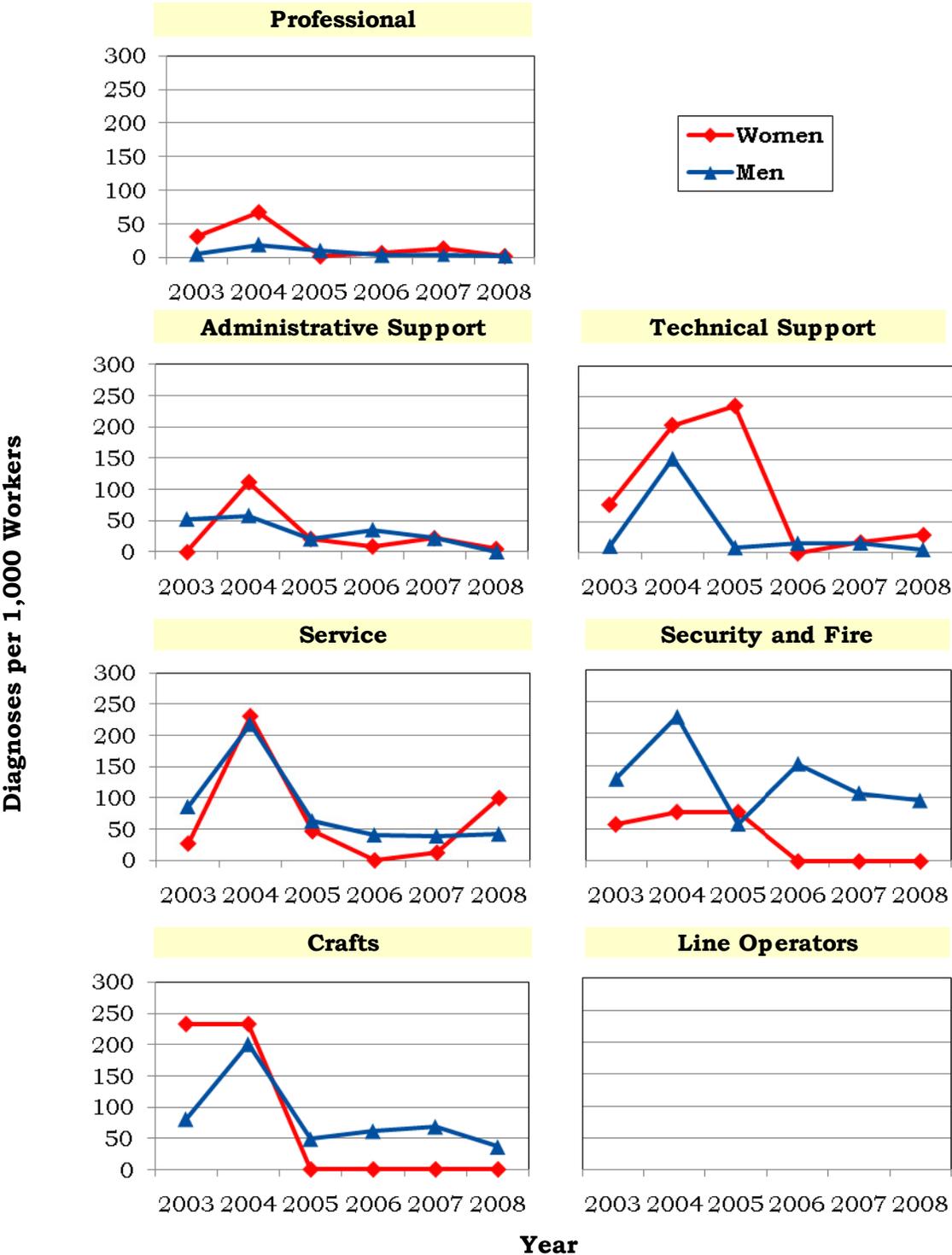


**Figure 23. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined**



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 2008\*



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

## Appendices

# Brookhaven National Laboratory 2008

## 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	37	83	114	153	387	88	301	346	615	1,350	1,737
Administrative Support	18	39	90	164	311	5	4	8	32	49	360
Technical Support	6	6	15	16	43	12	22	121	200	355	398
Service	1	12	18	18	49	5	21	68	86	180	229
Security and Fire	1	0	4	0	5	2	3	30	24	59	64
Crafts	0	0	0	0	0	1	14	55	58	128	128
<b>TOTAL</b>	63	140	241	351	795	113	365	628	1,015	2,121	2,916

### 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 +
1994	19.78	30.12	28.60	21.50	9.31	29.13	26.54	35.02
1995	16.30	31.02	29.13	23.55	7.77	28.63	28.31	35.29
1996	14.94	31.24	29.55	24.27	7.53	27.59	30.29	34.59
1997	13.73	28.49	31.56	26.22	6.34	27.74	29.60	36.32
1998	12.57	25.62	33.25	28.55	6.55	25.61	31.19	36.65
1999	10.41	24.16	33.97	31.46	5.46	23.81	32.72	38.02
2000	9.70	23.95	34.49	31.86	5.70	23.03	34.39	36.87
2001	9.61	22.63	36.01	31.75	5.93	20.97	35.70	37.40
2002	8.86	22.39	36.04	32.72	5.51	20.04	36.49	37.96
2003	9.14	20.90	36.42	33.54	4.97	18.22	37.06	39.74
2004	9.64	20.05	35.55	34.77	4.96	17.70	37.07	40.27
2005	7.82	18.33	34.77	39.08	5.01	16.64	34.53	43.82
2006	9.08	15.75	34.18	40.99	5.14	16.79	32.15	45.93
2007	8.38	17.53	31.19	42.91	5.23	16.96	31.49	46.32
2008	7.92	17.61	30.31	44.15	5.33	17.21	29.61	47.85

## Brookhaven National Laboratory 2008

### 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	0	2	9	22	33	1	4	15	35	55	88
Administrative Support	3	3	14	20	40	1	0	2	4	7	47
Technical Support	2	1	5	1	9	0	3	14	31	48	57
Service	0	4	9	11	24	3	6	21	30	60	84
Security and Fire	1	0	3	0	4	0	1	7	10	18	22
Crafts	0	0	0	0	0	0	4	23	25	52	52
<b>TOTAL</b>	6	10	40	54	110	5	18	82	135	240	350

\*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	0	2	10	29	41	1	4	19	39	63	104
Administrative Support	3	3	18	28	52	1	0	3	5	9	61
Technical Support	2	2	7	1	12	0	4	17	34	55	67
Service	0	7	14	17	38	3	9	36	40	88	126
Security and Fire	1	0	5	0	6	0	1	12	16	29	35
Crafts	0	0	0	0	0	0	5	31	40	76	76
<b>TOTAL</b>	6	14	54	75	149	5	23	118	174	320	469

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

# Brookhaven National Laboratory 2008

## Absence Data

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

Number of Calendar Days	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
< 15	6	10	37	53	106	4	20	86	112	222	328
15 - 28	0	2	10	16	28	0	1	16	32	49	77
29 - 42	0	1	1	4	6	0	1	4	7	12	18
43 - 56	0	0	2	0	2	1	0	3	7	11	13
57 - 91	0	0	2	0	2	0	1	4	8	13	15
92 - 182	0	1	1	2	4	0	0	4	6	10	14
183 +	0	0	1	0	1	0	0	1	2	3	4
<b>TOTAL</b>	6	14	54	75	149	5	23	118	174	320	469

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

# Brookhaven National Laboratory 2008

## Absence Data

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

#### Women

Number of Calendar Days	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
< 15	25	41	8	27	5	0	106
15 - 28	11	9	3	5	0	0	28
29 - 42	2	1	0	3	0	0	6
43 - 56	1	0	0	1	0	0	2
57 - 91	0	0	1	1	0	0	2
92 - 182	2	1	0	1	0	0	4
183 +	0	0	0	0	1	0	1
<b>TOTAL</b>	41	52	12	38	6	0	149

#### Men

Number of Calendar Days	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
< 15	39	8	36	63	20	56	222
15 - 28	10	0	11	16	3	9	49
29 - 42	3	0	0	4	2	3	12
43 - 56	2	0	3	1	0	5	11
57 - 91	4	0	2	3	1	3	13
92 - 182	4	1	3	0	2	0	10
183 +	1	0	0	1	1	0	3
<b>TOTAL</b>	63	9	55	88	29	76	320

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

# Brookhaven National Laboratory 2008

## 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>	1	0	2	5	8
-Intestinal Infectious Dis	001-009	0	0	0	0	0
-Other Bacterial Dis	030-041	1	0	0	0	1
-Viral Dis with Exanthem	050-057	0	0	1	3	4
-Other Viral Dis & Chlamydiae	070-079	0	0	1	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	0	0	1	3	4
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0	0
-Digestive & Peritoneal	150-159	0	0	0	0	0
-Respiratory & Intrathoracic	160-165	0	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0
-Breast	174-175	0	0	0	2	2
-Genitourinary	179-189	0	0	1	0	1
-Other & Unspecified Sites	190, 193-199	0	0	0	0	0
-Carcinoma in situ	230-234	0	0	0	1	1
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	0	1	1	1	3
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	0	1	2	3
-Thyroid Gland Disorders	240-246	0	0	0	0	0
-Other Endocrine Gland Dis	250-259	0	0	0	2	2
-Other Metabolic & Immunity Disorders	270-279	0	0	1	0	1
<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	0	1	1	2
-Psychoses	290-299	0	0	0	0	0
-Non-Psychotic Disorders	300-302, 306-316	0	0	1	1	2
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	1	3	8	8	20
-Other Disorders of Central NS	340-349	0	0	2	1	3
-Disorders of Peripheral NS	350-359	0	0	4	4	8
-Disorders of Eye	360-379	0	0	2	1	3
-Dis of Ear & Mastoid	380-389	1	3	0	2	6
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	0	0	3	11	14
-Hypertensive Dis	401-405	0	0	1	4	5
-Ischemic Heart Dis	410-414	0	0	0	2	2
-Other Heart Dis	420-429	0	0	0	3	3
-Cerebrovascular Dis	430-438	0	0	0	1	1
-Dis of Arteries & Capillaries	440-448	0	0	0	1	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	2	0	2
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	3	3	10	27	43
-Acute Respiratory Infections	460-466	0	2	4	9	15

(Continued)

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

# Brookhaven National Laboratory 2008

## Absence Data

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

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	1	4	12	17	25
-Intestinal Infectious Dis	001-009	0	0	0	4	4	4
-Other Bacterial Dis	030-041	0	0	1	1	2	3
-Viral Dis with Exanthem	050-057	0	0	1	4	5	9
-Other Viral Dis & Chlamydiae	070-079	0	1	2	3	6	7
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	0	0	6	10	16	20
-Lip, Oral Cavity, Pharynx	140-149	0	0	1	0	1	1
-Digestive & Peritoneal	150-159	0	0	1	2	3	3
-Respiratory & Intrathoracic	160-165	0	0	0	1	1	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	1	0	1	1
-Breast	174-175	0	0	0	0	0	2
-Genitourinary	179-189	0	0	2	2	4	5
-Other & Unspecified Sites	190, 193-199	0	0	1	5	6	6
-Carcinoma in situ	230-234	0	0	0	0	0	1
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	0	0	2	4	6	9
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	0	2	8	10	13
-Thyroid Gland Disorders	240-246	0	0	0	1	1	1
-Other Endocrine Gland Dis	250-259	0	0	0	2	2	4
-Other Metabolic & Immunity Disorders	270-279	0	0	2	5	7	8
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	0	0	1	1	2	2
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	0	1	4	5	7
-Psychoses	290-299	0	0	0	2	2	2
-Non-Psychotic Disorders	300-302, 306-316	0	0	1	2	3	5
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	1	7	9	17	37
-Other Disorders of Central NS	340-349	0	0	0	1	1	4
-Disorders of Peripheral NS	350-359	0	0	2	2	4	12
-Disorders of Eye	360-379	0	0	2	6	8	11
-Dis of Ear & Mastoid	380-389	0	1	3	0	4	10
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	0	0	2	37	39	53
-Hypertensive Dis	401-405	0	0	0	10	10	15
-Ischemic Heart Dis	410-414	0	0	0	11	11	13
-Other Heart Dis	420-429	0	0	2	6	8	11
-Cerebrovascular Dis	430-438	0	0	0	4	4	5
-Dis of Arteries & Capillaries	440-448	0	0	0	3	3	4
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	3	3	5
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	2	11	26	42	81	124
-Acute Respiratory Infections	460-466	0	5	11	16	32	47

(Continued)

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

# Brookhaven National Laboratory 2008

## 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					
-Other Dis Upper Respiratory Tract	470-478	1	1	1	5	8
-Pneumonia & Influenza	480-487	0	0	3	5	8
-Chronic Obstructive Dis	490-496	2	0	2	7	11
-Lung Dis from External Agents	500-508	0	0	0	0	0
-Other Respiratory Dis	510-519	0	0	0	1	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>3</b>	<b>13</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	4	2	6
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0
-Appendicitis	540-543	0	0	0	0	0
-Hernia	550-553	0	0	0	0	0
-Enteritis, Colitis	555-558	1	0	1	0	2
-Other Intestinal Dis	560-569	0	1	2	0	3
-Other Digestive Dis	570-579	0	1	0	1	2
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>7</b>	<b>14</b>
-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	0	1	2	3
-Other Female Disorders	617-629	1	2	2	4	9
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>
-Infections	680-686	0	0	1	0	1
-Other Inflammatory Conditions	690-698	0	0	0	0	0
-Other	700-709	0	0	0	1	1
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>0</b>	<b>3</b>	<b>20</b>	<b>27</b>	<b>50</b>
-Arthropathies	710-719	0	0	6	8	14
-Dorsopathies	720-724	0	2	6	10	18
-Rheumatism, Excluding Back	725-729	0	1	8	7	16
-Other Dis & Acquired Deformities	730-739	0	0	0	2	2
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	<b>2</b>	<b>6</b>	<b>22</b>	<b>10</b>	<b>40</b>
-Symptoms	780-789	2	6	21	9	38
-Non-Specific Abnormal Findings	790-796	0	0	1	1	2
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>9</b>	<b>24</b>
-Fracture - Skull	800-804	0	0	0	0	0
-Fracture - Neck, Trunk	805-809	0	0	1	0	1
-Fracture - Upper Limb	810-819	0	0	1	0	1

(Continued)

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

# Brookhaven National Laboratory 2008

## Absence Data

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

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
-Other Dis Upper Respiratory Tract	470-478	0	3	8	6	17	25
-Pneumonia & Influenza	480-487	0	0	3	10	13	21
-Chronic Obstructive Dis	490-496	2	3	4	9	18	29
-Lung Dis from External Agents	500-508	0	0	0	1	1	1
-Other Respiratory Dis	510-519	0	0	0	0	0	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	1	13	19	33	46
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	3	2	5	11
-Esophagus, Stomach, Duodenum	530-537	0	0	2	1	3	3
-Appendicitis	540-543	0	0	1	1	2	2
-Hernia	550-553	0	0	1	8	9	9
-Enteritis, Colitis	555-558	0	1	3	2	6	8
-Other Intestinal Dis	560-569	0	0	1	4	5	8
-Other Digestive Dis	570-579	0	0	2	1	3	5
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	0	1	0	7	8	22
-Other Urinary Dis	590-599	0	1	0	3	4	6
-Male Genital Organ Dis	600-608	0	0	0	4	4	4
-Breast Disorders	610-611	0	0	0	0	0	3
-Other Female Disorders	617-629	0	0	0	0	0	9
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	2	4	6	12	14
-Infections	680-686	0	0	2	3	5	6
-Other Inflammatory Conditions	690-698	0	0	2	1	3	3
-Other	700-709	0	2	0	2	4	5
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	0	7	60	79	146	196
-Arthropathies	710-719	0	5	19	25	49	63
-Dorsopathies	720-724	0	1	36	34	71	89
-Rheumatism, Excluding Back	725-729	0	1	5	17	23	39
-Other Dis & Acquired Deformities	730-739	0	0	0	3	3	5
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	0	0	1	0	1	1
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	4	2	24	18	48	88
-Symptoms	780-789	4	2	22	16	44	82
-Non-Specific Abnormal Findings	790-796	0	0	2	2	4	6
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	1	5	27	32	65	89
-Fracture - Skull	800-804	0	1	1	0	2	2
-Fracture - Neck, Trunk	805-809	0	0	1	1	2	3
-Fracture - Upper Limb	810-819	0	1	2	2	5	6

(Continued)

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

# Brookhaven National Laboratory 2008

## Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
-Fracture - Lower Limb	820-829	0	1	1	2	4
-Dislocation	830-839	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	1	1	0	2
-Sprains & Strains - Other	840-845, 848	0	1	2	2	5
-Intracranial Injury	850-854	0	0	2	0	2
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	0	0
-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	0	0	1	1
-Contusion	920-924	0	0	3	0	3
-Foreign Body Entering Orifice	930-939	0	0	0	0	0
-Injury to Nerves & Spinal Cord	950-957	0	0	0	1	1
-Complications & Unspecified Injuries	958-959	0	0	0	1	1
-Unspecified Effects - External Causes	990-995	0	0	1	1	2
-Complications of Surgical/Medical Care	996-999	0	0	0	1	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	3	8	3	0	14
-Personal & Family History	V10-V19	0	0	0	0	0
-Health Services Reproduction/Development	V20-V29	3	6	1	0	10
-Specific Procedures/Aftercare	V50-V59	0	0	1	0	1
-Other Circumstances	V60-V69	0	2	1	0	3

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

# Brookhaven National Laboratory 2008

## Absence Data

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

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
-Fracture - Lower Limb	820-829	0	0	3	3	6	10
-Dislocation	830-839	0	0	1	0	1	1
-Sprains & Strains - Back	846-847	0	0	4	6	10	12
-Sprains & Strains - Other	840-845, 848	1	1	8	5	15	20
-Intracranial Injury	850-854	0	0	0	0	0	2
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	1	0	1	2	2
-Open Wound - Head, Neck, Trunk	870-879	0	0	2	1	3	3
-Open Wound - Upper Limb	880-887	0	0	1	2	3	3
-Open Wound - Lower Limb	890-897	0	0	2	0	2	2
-Superficial Injury	910-919	0	0	1	0	1	2
-Contusion	920-924	0	0	1	1	2	5
-Foreign Body Entering Orifice	930-939	0	1	0	0	1	1
-Injury to Nerves & Spinal Cord	950-957	0	0	0	0	0	1
-Complications & Unspecified Injuries	958-959	0	0	0	1	1	2
-Unspecified Effects - External Causes	990-995	0	0	0	3	3	5
-Complications of Surgical/Medical Care	996-999	0	0	0	6	6	7
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	3	1	4	8	16	30
-Personal & Family History	V10-V19	1	0	0	2	3	3
-Health Services Reproduction/Development	V20-V29	0	0	1	1	2	12
-Specific Procedures/Aftercare	V50-V59	0	0	0	0	0	1
-Other Circumstances	V60-V69	2	1	3	3	9	12

	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category											
<b>Total</b>	12	31	96	115	254	10	32	184	296	522	776

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

## Brookhaven National Laboratory 2008

### 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	4	0	9	75	88
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	27	27
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	35	50	14	99
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	186	13	199
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	0
MENTAL DISORDERS	290-319	0	0	4	8	12
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	7	49	293	90	439
CIRCULATORY SYSTEM	390-459	0	0	86	160	246
RESPIRATORY SYSTEM	460-519	10	20	91	189	310
DIGESTIVE SYSTEM	520-579	2	130	95	30	257
GENITOURINARY SYSTEM	580-629	3	45	68	102	218
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	3	17	20
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	16	287	422	725
CONGENITAL ANOMALIES	740-759	0	0	0	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	6	14	48	62	130
INJURY & POISONING	800-999	0	58	322	74	454

\*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.

## Brookhaven National Laboratory 2008

### Absence Data

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

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	6	29	210	245	333
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	350	237	587	614
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	16	87	103	202
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	24	113	137	336
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	12	14	26	26
MENTAL DISORDERS	290-319	0	0	5	255	260	272
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	6	174	524	704	1,143
CIRCULATORY SYSTEM	390-459	0	0	11	753	764	1,010
RESPIRATORY SYSTEM	460-519	11	47	168	346	572	882
DIGESTIVE SYSTEM	520-579	0	3	199	320	522	779
GENITOURINARY SYSTEM	580-629	0	3	0	97	100	318
SKIN & SUBCUTANEOUS TISSUE	680-709	0	20	27	96	143	163
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	66	598	2,147	2,811	3,536
CONGENITAL ANOMALIES	740-759	0	0	477	0	477	477
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	8	22	116	196	342	472
INJURY & POISONING	800-999	45	70	925	821	1,861	2,315

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

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## Absence Data

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

		Women				
		Job Category				
		Professional	Administrative Support	Technical Support	Service	Security and Fire
Diagnostic Category	ICD-9-CM Code					
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	4	1	0	3	0
-Other Bacterial Dis	030-041	0	1	0	0	0
-Viral Dis with Exanthem	050-057	2	0	0	2	0
-Other Viral Dis & Chlamydiae	070-079	0	0	0	1	0
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	1	2	0	1	0
-Breast	174-175	1	1	0	0	0
-Genitourinary	179-189	0	0	0	1	0
-Carcinoma in situ	230-234	0	1	0	0	0
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	1	0	0	2	0
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	1	1	0	0	1
-Other Endocrine Gland Dis	250-259	1	1	0	0	0
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	1	1	0	0	0
-Non-Psychotic Disorders	300-302, 306-316	1	1	0	0	0
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	9	3	3	3	2
-Other Disorders of Central NS	340-349	2	1	0	0	0
-Disorders of Peripheral NS	350-359	5	1	2	0	0
-Disorders of Eye	360-379	0	1	0	0	2
-Dis of Ear & Mastoid	380-389	2	0	1	3	0
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	6	5	2	1	0
-Hypertensive Dis	401-405	3	2	0	0	0
-Ischemic Heart Dis	410-414	1	0	0	1	0
-Other Heart Dis	420-429	1	2	0	0	0
-Cerebrovascular Dis	430-438	1	0	0	0	0
-Dis of Arteries & Capillaries	440-448	0	1	0	0	0
-Dis of Veins, Lymphatics, Other	451-459	0	0	2	0	0
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	4	22	4	12	1
-Acute Respiratory Infections	460-466	1	9	2	2	1
-Other Dis Upper Respiratory Tract	470-478	0	5	0	3	0
-Pneumonia & Influenza	480-487	2	3	0	3	0
-Chronic Obstructive Dis	490-496	0	5	2	4	0
-Other Respiratory Dis	510-519	1	0	0	0	0
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	5	6	1	1	0
-Oral Cavity, Saliva Glands, Jaw	520-529	5	1	0	0	0
-Enteritis, Colitis	555-558	0	2	0	0	0
-Other Intestinal Dis	560-569	0	1	1	1	0

(Continued)

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

## Brookhaven National Laboratory 2008

### Absence Data

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

		Women
		TOTAL
Diagnostic Category	ICD-9-CM Code	
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	8
-Other Bacterial Dis	030-041	1
-Viral Dis with Exanthem	050-057	4
-Other Viral Dis & Chlamydiae	070-079	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	4
-Breast	174-175	2
-Genitourinary	179-189	1
-Carcinoma in situ	230-234	1
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	3
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	3
-Other Endocrine Gland Dis	250-259	2
-Other Metabolic & Immunity Disorders	270-279	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	2
-Non-Psychotic Disorders	300-302, 306-316	2
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	20
-Other Disorders of Central NS	340-349	3
-Disorders of Peripheral NS	350-359	8
-Disorders of Eye	360-379	3
-Dis of Ear & Mastoid	380-389	6
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	14
-Hypertensive Dis	401-405	5
-Ischemic Heart Dis	410-414	2
-Other Heart Dis	420-429	3
-Cerebrovascular Dis	430-438	1
-Dis of Arteries & Capillaries	440-448	1
-Dis of Veins, Lymphatics, Other	451-459	2
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	43
-Acute Respiratory Infections	460-466	15
-Other Dis Upper Respiratory Tract	470-478	8
-Pneumonia & Influenza	480-487	8
-Chronic Obstructive Dis	490-496	11
-Other Respiratory Dis	510-519	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	13
-Oral Cavity, Saliva Glands, Jaw	520-529	6
-Enteritis, Colitis	555-558	2
-Other Intestinal Dis	560-569	3

(Continued)

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

# Brookhaven National Laboratory 2008

## Absence Data

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

		Women				
		Job Category				
		Professional	Administrative Support	Technical Support	Service	Security and Fire
Diagnostic Category	ICD-9-CM Code					
-Other Digestive Dis	570-579	0	2	0	0	0
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	7	2	1	3	1
-Other Urinary Dis	590-599	1	0	1	0	0
-Breast Disorders	610-611	2	1	0	0	0
-Other Female Disorders	617-629	4	1	0	3	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	1	0	0	1	0
-Infections	680-686	0	0	0	1	0
-Other	700-709	1	0	0	0	0
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	16	18	1	14	1
-Arthropathies	710-719	6	4	0	4	0
-Dorsopathies	720-724	3	8	0	6	1
-Rheumatism, Excluding Back	725-729	6	5	1	4	0
-Other Dis & Acquired Deformities	730-739	1	1	0	0	0
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	4	21	7	5	3
-Symptoms	780-789	3	20	7	5	3
-Non-Specific Abnormal Findings	790-796	1	1	0	0	0
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	9	6	1	8	0
-Fracture - Neck, Trunk	805-809	1	0	0	0	0
-Fracture - Upper Limb	810-819	1	0	0	0	0
-Fracture - Lower Limb	820-829	4	0	0	0	0
-Sprains & Strains - Back	846-847	0	1	0	1	0
-Sprains & Strains - Other	840-845, 848	1	1	1	2	0
-Intracranial Injury	850-854	0	1	0	1	0
-Superficial Injury	910-919	0	1	0	0	0
-Contusion	920-924	0	1	0	2	0
-Injury to Nerves & Spinal Cord	950-957	0	0	0	1	0
-Complications & Unspecified Injuries	958-959	1	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	1	0	1	0
-Complications of Surgical/Medical Care	996-999	1	0	0	0	0
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V82</b>	7	6	0	1	0
-Health Services Reproduction/Development	V20-V29	4	6	0	0	0
-Specific Procedures/Aftercare	V50-V59	1	0	0	0	0
-Other Circumstances	V60-V69	2	0	0	1	0

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

## Brookhaven National Laboratory 2008

### Absence Data

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

		Women
		TOTAL
Diagnostic Category	ICD-9-CM Code	
-Other Digestive Dis	570-579	2
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	14
-Other Urinary Dis	590-599	2
-Breast Disorders	610-611	3
-Other Female Disorders	617-629	9
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	2
-Infections	680-686	1
-Other	700-709	1
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	50
-Arthropathies	710-719	14
-Dorsopathies	720-724	18
-Rheumatism, Excluding Back	725-729	16
-Other Dis & Acquired Deformities	730-739	2
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	40
-Symptoms	780-789	38
-Non-Specific Abnormal Findings	790-796	2
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	24
-Fracture - Neck, Trunk	805-809	1
-Fracture - Upper Limb	810-819	1
-Fracture - Lower Limb	820-829	4
-Sprains & Strains - Back	846-847	2
-Sprains & Strains - Other	840-845, 848	5
-Intracranial Injury	850-854	2
-Superficial Injury	910-919	1
-Contusion	920-924	3
-Injury to Nerves & Spinal Cord	950-957	1
-Complications & Unspecified Injuries	958-959	1
-Unspecified Effects - External Causes	990-995	2
-Complications of Surgical/Medical Care	996-999	1
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V82</b>	14
-Health Services Reproduction/Development	V20-V29	10
-Specific Procedures/Aftercare	V50-V59	1
-Other Circumstances	V60-V69	3

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

# Brookhaven National Laboratory 2008

## 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						
Total	76	94	20	55	9	254

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

## Brookhaven National Laboratory 2008

### Absence Data

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

		Men		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	6	0	3
-Intestinal Infectious Dis	001-009	3	0	1
-Other Bacterial Dis	030-041	0	0	1
-Viral Dis with Exanthem	050-057	2	0	0
-Other Viral Dis & Chlamydiae	070-079	1	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	9	1	1
-Lip, Oral Cavity, Pharynx	140-149	0	0	1
-Digestive & Peritoneal	150-159	3	0	0
-Respiratory & Intrathoracic	160-165	1	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0
-Genitourinary	179-189	2	1	0
-Other & Unspecified Sites	190, 193-199	3	0	0
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	2	0	2
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	5	0	2
-Thyroid Gland Disorders	240-246	0	0	1
-Other Endocrine Gland Dis	250-259	1	0	1
-Other Metabolic & Immunity Disorders	270-279	4	0	0
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	0	0	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	3	0	0
-Psychoses	290-299	1	0	0
-Non-Psychotic Disorders	300-302, 306-316	2	0	0
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	3	0	1
-Other Disorders of Central NS	340-349	0	0	0
-Disorders of Peripheral NS	350-359	1	0	0
-Disorders of Eye	360-379	2	0	0
-Dis of Ear & Mastoid	380-389	0	0	1
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	17	0	8
-Hypertensive Dis	401-405	6	0	0
-Ischemic Heart Dis	410-414	6	0	0
-Other Heart Dis	420-429	3	0	5
-Cerebrovascular Dis	430-438	1	0	0
-Dis of Arteries & Capillaries	440-448	1	0	2
-Dis of Veins, Lymphatics, Other	451-459	0	0	1
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	13	4	17
-Acute Respiratory Infections	460-466	4	2	10
-Other Dis Upper Respiratory Tract	470-478	1	0	2

(Continued)

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

## Brookhaven National Laboratory 2008

### Absence Data

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

		Men			
		Job Category			TOTAL
		Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code				
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	5	0	3	17
-Intestinal Infectious Dis	001-009	0	0	0	4
-Other Bacterial Dis	030-041	1	0	0	2
-Viral Dis with Exanthem	050-057	3	0	0	5
-Other Viral Dis & Chlamydiae	070-079	1	0	3	6
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	5	0	0	16
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	1
-Digestive & Peritoneal	150-159	0	0	0	3
-Respiratory & Intrathoracic	160-165	0	0	0	1
-Bone, Connective Tissue, Skin	170-173, 176	1	0	0	1
-Genitourinary	179-189	1	0	0	4
-Other & Unspecified Sites	190, 193-199	3	0	0	6
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	0	1	1	6
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	2	0	1	10
-Thyroid Gland Disorders	240-246	0	0	0	1
-Other Endocrine Gland Dis	250-259	0	0	0	2
-Other Metabolic & Immunity Disorders	270-279	2	0	1	7
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	1	0	0	2
<b>MENTAL DISORDERS</b>	<b>290-319</b>	1	0	1	5
-Psychoses	290-299	1	0	0	2
-Non-Psychotic Disorders	300-302, 306-316	0	0	1	3
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	6	2	5	17
-Other Disorders of Central NS	340-349	1	0	0	1
-Disorders of Peripheral NS	350-359	2	1	0	4
-Disorders of Eye	360-379	1	1	4	8
-Dis of Ear & Mastoid	380-389	2	0	1	4
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	8	3	3	39
-Hypertensive Dis	401-405	2	1	1	10
-Ischemic Heart Dis	410-414	2	1	2	11
-Other Heart Dis	420-429	0	0	0	8
-Cerebrovascular Dis	430-438	2	1	0	4
-Dis of Arteries & Capillaries	440-448	0	0	0	3
-Dis of Veins, Lymphatics, Other	451-459	2	0	0	3
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	20	5	22	81
-Acute Respiratory Infections	460-466	8	1	7	32
-Other Dis Upper Respiratory Tract	470-478	6	3	5	17

(Continued)

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

# Brookhaven National Laboratory 2008

## Absence Data

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

		Men		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
-Pneumonia & Influenza	480-487	4	1	2
-Chronic Obstructive Dis	490-496	3	1	3
-Lung Dis from External Agents	500-508	1	0	0
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	10	1	5
-Oral Cavity, Saliva Glands, Jaw	520-529	1	1	0
-Esophagus, Stomach, Duodenum	530-537	2	0	0
-Appendicitis	540-543	2	0	0
-Hernia	550-553	3	0	2
-Enteritis, Colitis	555-558	1	0	1
-Other Intestinal Dis	560-569	1	0	1
-Other Digestive Dis	570-579	0	0	1
<b>GENTOURINARY SYSTEM</b>	<b>580-629</b>	1	0	1
-Other Urinary Dis	590-599	1	0	0
-Male Genital Organ Dis	600-608	0	0	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	3	0	2
-Infections	680-686	1	0	0
-Other Inflammatory Conditions	690-698	1	0	0
-Other	700-709	1	0	2
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	13	2	26
-Arthropathies	710-719	3	0	7
-Dorsopathies	720-724	7	1	12
-Rheumatism, Excluding Back	725-729	1	1	6
-Other Dis & Acquired Deformities	730-739	2	0	1
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	1	0	0
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	9	2	7
-Symptoms	780-789	9	2	7
-Non-Specific Abnormal Findings	790-796	0	0	0
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	15	1	10
-Fracture - Skull	800-804	1	0	0
-Fracture - Neck, Trunk	805-809	1	0	0
-Fracture - Upper Limb	810-819	1	0	0
-Fracture - Lower Limb	820-829	2	0	0
-Dislocation	830-839	0	0	0
-Sprains & Strains - Back	846-847	0	0	1
-Sprains & Strains - Other	840-845, 848	4	0	4

(Continued)

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

# Brookhaven National Laboratory 2008

## Absence Data

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

		Men			
		Job Category			TOTAL
		Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code				
-Pneumonia & Influenza	480-487	1	0	5	13
-Chronic Obstructive Dis	490-496	5	1	5	18
-Lung Dis from External Agents	500-508	0	0	0	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	11	1	5	33
-Oral Cavity, Saliva Glands, Jaw	520-529	1	1	1	5
-Esophagus, Stomach, Duodenum	530-537	1	0	0	3
-Appendicitis	540-543	0	0	0	2
-Hernia	550-553	2	0	2	9
-Enteritis, Colitis	555-558	3	0	1	6
-Other Intestinal Dis	560-569	3	0	0	5
-Other Digestive Dis	570-579	1	0	1	3
<b>GENTOURINARY SYSTEM</b>	<b>580-629</b>	6	0	0	8
-Other Urinary Dis	590-599	3	0	0	4
-Male Genital Organ Dis	600-608	3	0	0	4
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	1	1	5	12
-Infections	680-686	1	0	3	5
-Other Inflammatory Conditions	690-698	0	1	1	3
-Other	700-709	0	0	1	4
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	50	25	30	146
-Arthropathies	710-719	14	9	16	49
-Dorsopathies	720-724	30	10	11	71
-Rheumatism, Excluding Back	725-729	6	6	3	23
-Other Dis & Acquired Deformities	730-739	0	0	0	3
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	0	0	0	1
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	14	5	11	48
-Symptoms	780-789	12	5	9	44
-Non-Specific Abnormal Findings	790-796	2	0	2	4
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	15	4	20	65
-Fracture - Skull	800-804	1	0	0	2
-Fracture - Neck, Trunk	805-809	1	0	0	2
-Fracture - Upper Limb	810-819	0	0	4	5
-Fracture - Lower Limb	820-829	1	1	2	6
-Dislocation	830-839	1	0	0	1
-Sprains & Strains - Back	846-847	3	0	6	10
-Sprains & Strains - Other	840-845, 848	1	3	3	15

(Continued)

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

## Brookhaven National Laboratory 2008

### Absence Data

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

		Men		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	1	0	1
-Open Wound - Head, Neck, Trunk	870-879	1	0	0
-Open Wound - Upper Limb	880-887	2	0	0
-Open Wound - Lower Limb	890-897	0	0	0
-Superficial Injury	910-919	1	0	0
-Contusion	920-924	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	1
-Complications & Unspecified Injuries	958-959	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	1
-Complications of Surgical/Medical Care	996-999	1	1	2
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	6	1	5
-Personal & Family History	V10-V19	2	1	0
-Health Services Reproduction/Development	V20-V29	0	0	1
-Other Circumstances	V60-V69	3	0	3

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

# Brookhaven National Laboratory 2008

## Absence Data

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

		Men			
		Job Category			TOTAL
		Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code				
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	2
-Open Wound - Head, Neck, Trunk	870-879	2	0	0	3
-Open Wound - Upper Limb	880-887	0	0	1	3
-Open Wound - Lower Limb	890-897	1	0	1	2
-Superficial Injury	910-919	0	0	0	1
-Contusion	920-924	2	0	0	2
-Foreign Body Entering Orifice	930-939	0	0	0	1
-Complications & Unspecified Injuries	958-959	0	0	1	1
-Unspecified Effects - External Causes	990-995	0	0	2	3
-Complications of Surgical/Medical Care	996-999	2	0	0	6
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	1	2	16
-Personal & Family History	V10-V19	0	0	0	3
-Health Services Reproduction/Development	V20-V29	0	1	0	2
-Other Circumstances	V60-V69	1	0	2	9

	Men						TOTAL
	Job Category						
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category							
Total	116	12	91	146	48	109	522

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

## Brookhaven National Laboratory 2008

### Absence Data

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

		Women				
		Job Category				
		Professional	Administrative Support	Technical Support	Service	Security and Fire
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	41	4	0	43	0
MALIGNANT NEOPLASMS	140-208, 230-234	0	27	0	0	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	14	0	0	85	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	13	0	0	0	186
MENTAL DISORDERS	290-319	4	8	0	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	127	31	44	49	188
CIRCULATORY SYSTEM	390-459	27	44	70	105	0
RESPIRATORY SYSTEM	460-519	27	143	25	103	12
DIGESTIVE SYSTEM	520-579	35	117	70	35	0
GENTOURINARY SYSTEM	580-629	111	11	6	87	3
SKIN & SUBCUTANEOUS TISSUE	680-709	17	0	0	3	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	325	166	21	207	6
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	30	59	27	8	6
INJURY & POISONING	800-999	284	38	28	104	0

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

## Brookhaven National Laboratory 2008

### Absence Data

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

		Women
		TOTAL
Diagnostic Category	ICD-9-CM Code	
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	88
MALIGNANT NEOPLASMS	140-208, 230-234	27
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	99
ENDOCRINE/METABOLIC/IMMUNITY	240-279	199
MENTAL DISORDERS	290-319	12
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	439
CIRCULATORY SYSTEM	390-459	246
RESPIRATORY SYSTEM	460-519	310
DIGESTIVE SYSTEM	520-579	257
GENTOURINARY SYSTEM	580-629	218
SKIN & SUBCUTANEOUS TISSUE	680-709	20
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	725
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	130
INJURY & POISONING	800-999	454

\*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.

## Brookhaven National Laboratory 2008

### Absence Data

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

		Men		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	110	0	52
MALIGNANT NEOPLASMS	140-208, 230-234	284	129	113
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	31	0	13
ENDOCRINE/METABOLIC/IMMUNITY	240-279	65	0	20
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	14
MENTAL DISORDERS	290-319	255	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	76	0	5
CIRCULATORY SYSTEM	390-459	415	0	131
RESPIRATORY SYSTEM	460-519	113	23	145
DIGESTIVE SYSTEM	520-579	221	8	59
GENITOURINARY SYSTEM	580-629	3	0	28
SKIN & SUBCUTANEOUS TISSUE	680-709	31	0	20
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	344	9	497
CONGENITAL ANOMALIES	740-759	477	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	48	6	96
INJURY & POISONING	800-999	785	129	245

\*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.

## Brookhaven National Laboratory 2008

### Absence Data

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

		Men			
		Job Category			TOTAL
		Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	59	0	24	245
MALIGNANT NEOPLASMS	140-208, 230-234	61	0	0	587
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	10	49	103
ENDOCRINE/METABOLIC/IMMUNITY	240-279	24	0	28	137
BLOOD & BLOOD-FORMING ORGANS	280-289	12	0	0	26
MENTAL DISORDERS	290-319	0	0	5	260
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	90	433	100	704
CIRCULATORY SYSTEM	390-459	60	123	35	764
RESPIRATORY SYSTEM	460-519	108	30	153	572
DIGESTIVE SYSTEM	520-579	97	3	134	522
GENITOURINARY SYSTEM	580-629	69	0	0	100
SKIN & SUBCUTANEOUS TISSUE	680-709	9	18	65	143
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	990	612	359	2,811
CONGENITAL ANOMALIES	740-759	0	0	0	477
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	85	14	93	342
INJURY & POISONING	800-999	223	193	286	1,861

\*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.

# Brookhaven National Laboratory 2008

## 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>	17	5.5	3.4	9.0
-Intestinal Infectious Dis	001-009	4	1.2	0.5	3.3
-Other Bacterial Dis	030-041	2	0.6	0.1	2.5
-Viral Dis with Exanthem	050-057	5	1.5	0.6	3.6
-Other Viral Dis & Chlamydiae	070-079	6	2.2	0.9	5.1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	16	4.8	2.9	7.9
-Lip, Oral Cavity, Pharynx	140-149	1	0.4	0.1	2.6
-Digestive & Peritoneal	150-159	3	0.9	0.3	2.9
-Respiratory & Intrathoracic	160-165	1	0.3	0.0	2.2
-Bone, Connective Tissue, Skin	170-173, 176	1	0.4	0.1	2.6
-Genitourinary	179-189	4	1.2	0.5	3.3
-Other & Unspecified Sites	190, 193-199	6	1.6	0.7	3.6
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	6	1.8	0.8	4.0
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	10	2.9	1.6	5.5
-Thyroid Gland Disorders	240-246	1	0.2	0.0	1.8
-Other Endocrine Gland Dis	250-259	2	0.6	0.1	2.2
-Other Metabolic & Immunity Disorders	270-279	7	2.1	1.0	4.5
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	2	0.7	0.2	2.7
<b>MENTAL DISORDERS</b>	<b>290-319</b>	5	1.5	0.6	3.7
-Psychoses	290-299	2	0.6	0.1	2.2
-Non-Psychotic Disorders	300-302, 306-316	3	1.0	0.3	3.0
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	17	5.6	3.4	9.2
-Other Disorders of Central NS	340-349	1	0.2	0.0	1.8
-Disorders of Peripheral NS	350-359	4	1.2	0.5	3.3
-Disorders of Eye	360-379	8	2.4	1.2	4.8
-Dis of Ear & Mastoid	380-389	4	1.8	0.6	4.9
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	39	10.8	7.8	14.8
-Hypertensive Dis	401-405	10	2.6	1.4	4.9
-Ischemic Heart Dis	410-414	11	3.1	1.7	5.7
-Other Heart Dis	420-429	8	2.3	1.2	4.7
-Cerebrovascular Dis	430-438	4	1.0	0.4	2.6
-Dis of Arteries & Capillaries	440-448	3	0.9	0.3	2.8
-Dis of Veins, Lymphatics, Other	451-459	3	0.7	0.2	2.3
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	81	32.7	24.7	43.2
-Acute Respiratory Infections	460-466	32	11.6	8.0	16.7

(Continued)

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

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

# Brookhaven National Laboratory 2008

## 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				
-Other Dis Upper Respiratory Tract	470-478	17	6.6	4.0	10.9
-Pneumonia & Influenza	480-487	13	3.9	2.2	6.7
-Chronic Obstructive Dis	490-496	18	10.4	5.2	20.5
-Lung Dis from External Agents	500-508	1	0.2	0.0	1.8
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>33</b>	<b>10.6</b>	<b>7.5</b>	<b>15.1</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	5	1.7	0.7	4.0
-Esophagus, Stomach, Duodenum	530-537	3	1.0	0.3	3.2
-Appendicitis	540-543	2	0.6	0.1	2.5
-Hernia	550-553	9	2.6	1.3	5.0
-Enteritis, Colitis	555-558	6	2.2	1.0	5.3
-Other Intestinal Dis	560-569	5	1.5	0.6	3.6
-Other Digestive Dis	570-579	3	1.0	0.3	3.1
<b>GENTOURINARY SYSTEM</b>	<b>580-629</b>	<b>8</b>	<b>2.5</b>	<b>1.2</b>	<b>5.3</b>
-Other Urinary Dis	590-599	4	1.5	0.5	4.4
-Male Genital Organ Dis	600-608	4	1.0	0.4	2.6
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>12</b>	<b>4.4</b>	<b>2.4</b>	<b>8.0</b>
-Infections	680-686	5	1.5	0.6	3.6
-Other Inflammatory Conditions	690-698	3	1.0	0.3	3.2
-Other	700-709	4	1.9	0.6	5.3
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>146</b>	<b>47.7</b>	<b>40.3</b>	<b>56.5</b>
-Arthropathies	710-719	49	17.1	12.7	22.9
-Dorsopathies	720-724	71	23.0	18.1	29.2
-Rheumatism, Excluding Back	725-729	23	6.8	4.4	10.4
-Other Dis & Acquired Deformities	730-739	3	0.9	0.3	2.7
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	<b>1</b>	<b>0.4</b>	<b>0.1</b>	<b>2.6</b>
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	<b>48</b>	<b>24.1</b>	<b>15.9</b>	<b>36.7</b>
-Symptoms	780-789	44	22.9	14.8	35.5
-Non-Specific Abnormal Findings	790-796	4	1.2	0.5	3.3
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>65</b>	<b>23.8</b>	<b>17.6</b>	<b>32.1</b>
-Fracture - Skull	800-804	4	1.7	0.6	4.7
-Fracture - Upper Limb	810-819	5	1.9	0.7	4.8
-Fracture - Lower Limb	820-829	6	1.8	0.8	4.2
-Dislocation	830-839	1	0.4	0.1	2.6
-Sprains & Strains - Back	846-847	10	3.0	1.6	5.7

(Continued)

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

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

## Brookhaven National Laboratory 2008

### 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				
-Sprains & Strains - Other	840-845, 848	15	7.2	3.5	14.9
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	2	1.0	0.2	4.2
-Open Wound - Head, Neck, Trunk	870-879	8	2.8	1.4	5.5
-Superficial Injury	910-919	1	0.4	0.1	2.6
-Contusion	920-924	2	0.6	0.1	2.5
-Foreign Body Entering Orifice	930-939	1	0.7	0.1	4.6
-Complications & Unspecified Injuries	958-959	1	0.2	0.0	1.8
-Unspecified Effects - External Causes	990-995	3	0.7	0.2	2.3
-Complications of Surgical/Medical Care	996-999	6	1.5	0.7	3.3
<b>Total</b>		506	179.8	161.6	200.0

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

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

# Brookhaven National Laboratory 2008

## 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>	8	9.2	3.6	23.5
-Other Bacterial Dis	030-041	1	3.9	0.6	27.8
-Viral Dis with Exanthem	050-057	4	3.0	1.1	8.0
-Other Viral Dis & Chlamydiae	070-079	1	1.0	0.1	6.8
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	4	3.5	1.3	9.8
-Breast	174-175	2	1.9	0.4	8.1
-Genitourinary	179-189	1	1.0	0.1	6.8
-Carcinoma in situ	230-234	1	0.7	0.1	4.8
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	3	3.3	1.0	11.1
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	3	2.3	0.7	7.3
-Other Endocrine Gland Dis	250-259	2	1.3	0.3	5.4
-Other Metabolic & Immunity Disorders	270-279	1	1.0	0.1	6.8
<b>MENTAL DISORDERS</b>	<b>290-319</b>	2	1.6	0.4	6.7
-Non-Psychotic Disorders	300-302, 306-316	2	1.6	0.4	6.7
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	20	23.1	13.8	38.7
-Other Disorders of Central NS	340-349	3	2.6	0.8	8.2
-Disorders of Peripheral NS	350-359	8	7.1	3.5	14.4
-Disorders of Eye	360-379	3	3.2	1.0	9.9
-Dis of Ear & Mastoid	380-389	6	10.2	4.0	26.4
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	14	10.8	6.3	18.5
-Hypertensive Dis	401-405	5	3.6	1.5	8.8
-Ischemic Heart Dis	410-414	2	1.3	0.3	5.4
-Other Heart Dis	420-429	3	2.0	0.6	6.2
-Cerebrovascular Dis	430-438	1	0.7	0.1	4.8
-Dis of Arteries & Capillaries	440-448	1	1.2	0.2	8.8
-Dis of Veins, Lymphatics, Other	451-459	2	1.9	0.5	7.7
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	43	47.3	32.6	68.7
-Acute Respiratory Infections	460-466	15	13.8	8.0	23.6
-Other Dis Upper Respiratory Tract	470-478	8	10.5	4.3	25.4
-Pneumonia & Influenza	480-487	8	6.8	3.3	13.9
-Chronic Obstructive Dis	490-496	11	15.6	7.2	33.8
-Other Respiratory Dis	510-519	1	0.7	0.1	4.8
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	13	16.6	8.7	31.6
-Oral Cavity, Saliva Glands, Jaw	520-529	6	5.8	2.6	13.0
-Enteritis, Colitis	555-558	2	4.9	1.0	24.6

(Continued)

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

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

## Brookhaven National Laboratory 2008

### 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 Intestinal Dis	560-569	3	3.6	1.1	11.6
-Other Digestive Dis	570-579	2	2.3	0.5	10.5
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	14	15.8	8.2	30.3
-Other Urinary Dis	590-599	2	1.6	0.4	6.7
-Breast Disorders	610-611	3	2.3	0.7	7.3
-Other Female Disorders	617-629	9	11.8	5.2	26.9
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	2	1.6	0.4	6.7
-Infections	680-686	1	1.0	0.1	6.8
-Other	700-709	1	0.7	0.1	4.8
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	50	45.2	33.8	60.3
-Arthropathies	710-719	14	12.3	7.2	21.0
-Dorsopathies	720-724	18	16.9	10.4	27.6
-Rheumatism, Excluding Back	725-729	16	14.1	8.4	23.4
-Other Dis & Acquired Deformities	730-739	2	1.9	0.4	8.1
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	40	45.7	31.7	65.8
-Symptoms	780-789	38	44.1	30.3	64.0
-Non-Specific Abnormal Findings	790-796	2	1.6	0.4	6.7
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	24	22.6	14.8	34.4
-Fracture - Skull	800-804	1	1.0	0.1	6.8
-Fracture - Upper Limb	810-819	1	1.0	0.1	6.8
-Fracture - Lower Limb	820-829	4	4.0	1.4	11.4
-Sprains & Strains - Back	846-847	2	2.6	0.6	11.0
-Sprains & Strains - Other	840-845, 848	5	4.9	1.9	12.5
-Intracranial Injury	850-854	2	1.9	0.5	7.7
-Superficial Injury	910-919	1	0.7	0.1	4.8
-Contusion	920-924	3	2.9	0.9	9.0
-Injury to Nerves & Spinal Cord	950-957	1	0.7	0.1	4.8
-Complications & Unspecified Injuries	958-959	1	0.7	0.1	4.8
-Unspecified Effects - External Causes	990-995	2	1.6	0.4	6.7
-Complications of Surgical/Medical Care	996-999	1	0.7	0.1	4.8
<b>Total</b>		240	248.6	214.2	288.4

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

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

# Brookhaven National Laboratory 2008

## 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>	25	7.1	4.2	11.9
-Intestinal Infectious Dis	001-009	4	1.0	0.4	2.7
-Other Bacterial Dis	030-041	3	1.9	0.4	8.7
-Viral Dis with Exanthem	050-057	9	1.9	1.0	3.8
-Other Viral Dis & Chlamydiae	070-079	7	1.9	0.9	4.1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	20	4.4	2.8	6.9
-Lip, Oral Cavity, Pharynx	140-149	1	0.3	0.0	1.9
-Digestive & Peritoneal	150-159	3	0.7	0.2	2.2
-Respiratory & Intrathoracic	160-165	1	0.3	0.0	1.8
-Bone, Connective Tissue, Skin	170-173, 176	1	0.3	0.0	1.9
-Breast	174-175	2	0.4	0.1	1.8
-Genitourinary	179-189	5	1.2	0.5	2.8
-Other & Unspecified Sites	190, 193-199	6	1.2	0.5	2.6
-Carcinoma in situ	230-234	1	0.2	0.0	1.3
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	9	2.2	1.1	4.5
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	13	2.9	1.7	5.0
-Thyroid Gland Disorders	240-246	1	0.2	0.0	1.3
-Other Endocrine Gland Dis	250-259	4	0.8	0.3	2.2
-Other Metabolic & Immunity Disorders	270-279	8	1.9	1.0	3.9
<b>BLOOD &amp; BLOOD-FORMING ORGANS</b>	<b>280-289</b>	2	0.5	0.1	2.1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	7	1.7	0.8	3.5
-Psychoses	290-299	2	0.4	0.1	1.8
-Non-Psychotic Disorders	300-302, 306-316	5	1.2	0.5	3.0
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	37	10.8	7.2	16.0
-Other Disorders of Central NS	340-349	4	0.9	0.3	2.4
-Disorders of Peripheral NS	350-359	12	2.8	1.6	4.9
-Disorders of Eye	360-379	11	2.6	1.4	4.8
-Dis of Ear & Mastoid	380-389	10	4.5	2.0	9.8
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	53	11.2	8.5	14.7
-Hypertensive Dis	401-405	15	3.0	1.8	5.1
-Ischemic Heart Dis	410-414	13	2.9	1.7	5.0
-Other Heart Dis	420-429	11	2.3	1.3	4.2
-Cerebrovascular Dis	430-438	5	0.9	0.4	2.2
-Dis of Arteries & Capillaries	440-448	4	1.0	0.4	2.7
-Dis of Veins, Lymphatics, Other	451-459	5	1.1	0.4	2.6

(Continued)

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

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

# Brookhaven National Laboratory 2008

## 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>RESPIRATORY SYSTEM</b>	<b>460-519</b>	124	37.4	29.8	46.9
-Acute Respiratory Infections	460-466	47	12.2	9.0	16.6
-Other Dis Upper Respiratory Tract	470-478	25	8.1	4.9	13.2
-Pneumonia & Influenza	480-487	21	4.8	3.1	7.3
-Chronic Obstructive Dis	490-496	29	12.0	7.1	20.1
-Lung Dis from External Agents	500-508	1	0.2	0.0	1.3
-Other Respiratory Dis	510-519	1	0.2	0.0	1.3
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	46	12.8	9.1	18.1
-Oral Cavity, Saliva Glands, Jaw	520-529	11	2.7	1.5	5.0
-Esophagus, Stomach, Duodenum	530-537	3	0.8	0.3	2.4
-Appendicitis	540-543	2	0.4	0.1	1.8
-Hernia	550-553	9	2.0	1.0	3.9
-Enteritis, Colitis	555-558	8	3.3	1.3	8.7
-Other Intestinal Dis	560-569	8	2.1	1.0	4.4
-Other Digestive Dis	570-579	5	1.4	0.5	3.5
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	22	6.6	3.8	11.5
-Other Urinary Dis	590-599	6	1.6	0.7	3.7
-Male Genital Organ Dis	600-608	4	0.7	0.3	1.9
-Breast Disorders	610-611	3	0.6	0.2	2.0
-Other Female Disorders	617-629	9	3.6	1.5	8.9
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	14	3.7	2.1	6.4
-Infections	680-686	6	1.3	0.6	3.0
-Other Inflammatory Conditions	690-698	3	0.8	0.3	2.4
-Other	700-709	5	1.5	0.6	4.0
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	196	47.6	41.1	55.0
-Arthropathies	710-719	63	15.9	12.3	20.6
-Dorsopathies	720-724	89	21.6	17.4	26.7
-Rheumatism, Excluding Back	725-729	39	8.9	6.4	12.4
-Other Dis & Acquired Deformities	730-739	5	1.1	0.5	2.7
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	1	0.3	0.0	1.9
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	88	30.1	22.8	39.9
-Symptoms	780-789	82	28.8	21.5	38.5
-Non-Specific Abnormal Findings	790-796	6	1.3	0.6	3.0
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	89	23.5	18.5	29.8

(Continued)

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

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

## Brookhaven National Laboratory 2008

### 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 - Skull	800-804	5	1.5	0.6	3.8
-Fracture - Upper Limb	810-819	6	1.6	0.7	3.8
-Fracture - Lower Limb	820-829	10	2.4	1.3	4.7
-Dislocation	830-839	1	0.3	0.0	1.9
-Sprains & Strains - Back	846-847	12	3.0	1.6	5.4
-Sprains & Strains - Other	840-845, 848	20	6.4	3.6	11.3
-Intracranial Injury	850-854	2	0.5	0.1	2.1
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	2	0.7	0.2	3.1
-Open Wound - Head, Neck, Trunk	870-879	8	2.1	1.0	4.2
-Superficial Injury	910-919	2	0.4	0.1	1.8
-Contusion	920-924	5	1.2	0.5	3.0
-Foreign Body Entering Orifice	930-939	1	0.5	0.1	3.3
-Injury to Nerves & Spinal Cord	950-957	1	0.2	0.0	1.3
-Complications & Unspecified Injuries	958-959	2	0.4	0.1	1.5
-Unspecified Effects - External Causes	990-995	5	1.0	0.4	2.4
-Complications of Surgical/Medical Care	996-999	7	1.3	0.6	2.7
<b>Total</b>		746	202.8	185.9	221.2

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

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

**Brookhaven National Laboratory 2008**  
**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	
	40 - 49	50 +		30 - 39	40 - 49	50 +		
Professional	1	0	1	1	1	1	3	4
Administrative Support	1	1	2	0	0	0	0	2
Technical Support	0	1	1	0	2	1	3	4
Service	2	2	4	2	0	2	4	8
Security and Fire	0	0	0	1	2	0	3	3
Crafts	0	0	0	1	2	3	6	6
<b>TOTAL</b>	4	4	8	5	7	7	19	27

\*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
30 - 39	0	0	0	5	39	43	5	39	43
40 - 49	4	189	157	7	79	143	11	268	300
50 +	4	45	7	7	103	365	11	148	372
<b>TOTAL</b>	8	234	164	19	221	551	27	455	715

**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	1	99	48	3	11	31	4	110	79
Administrative Support	2	86	0	0	0	0	2	86	0
Technical Support	1	0	0	3	66	134	4	66	134
Service	4	49	116	4	46	166	8	95	282
Security and Fire	0	0	0	3	63	126	3	63	126
Crafts	0	0	0	6	35	94	6	35	94
<b>TOTAL</b>	8	234	164	19	221	551	27	455	715

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

# Brookhaven National Laboratory 2008

OSHA Data

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

		Women			Men			TOTAL
		Age Group		TOTAL	Age Group			
		40 - 49	50 +		30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM code							
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	1	0	0	0	1
-Disorders of Peripheral NS	350-359	0	1	1	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	3	4	0	0	4	8
-Arthropathies	710-719	0	2	2	0	0	2	4
-Rheumatism, Excluding Back	725-729	1	1	2	0	0	2	4
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	1	1	0	0	0	1
-Symptoms	780-789	0	1	1	0	0	0	1
INJURY & POISONING	800-999	4	3	7	6	7	4	17
-Fracture - Lower Limb	820-829	1	0	1	0	0	0	1
-Open Wound - Upper Limb	880-887	0	0	0	1	1	0	2
-Crushing Injury	925-929	0	0	0	1	0	0	1
-Complications & Unspecified Injuries	958-959	3	3	6	4	6	4	20

Diagnostic Category	Women			Men				TOTAL
	Age Group		TOTAL	Age Group			TOTAL	
	40 - 49	50 +		30 - 39	40 - 49	50 +		
Total	5	8	13	6	7	8	21	34

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

## Brookhaven National Laboratory 2008

### OSHA Data

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

		Women			
		Age Group			
		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes				
-Disorders of Peripheral NS	350-359	0	0	0	1
-Arthropathies	710-719	0	0	0	1
-Rheumatism, Excluding Back	725-729	86	0	0	1
-Symptoms	780-789	0	0	0	1
-Fracture - Lower Limb	820-829	99	48	0	0
-Complications & Unspecified Injuries	958-959	4	109	45	6

		Men					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Arthropathies	710-719	0	0	0	0	31	163
-Rheumatism, Excluding Back	725-729	0	0	0	0	6	28
-Open Wound - Upper Limb	880-887	0	0	29	1	0	0
-Crushing Injury	925-929	15	1	0	0	0	0
-Complications & Unspecified Injuries	958-959	24	42	50	142	66	174

\*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.

**Brookhaven National Laboratory 2008**  
**OSHA Data**

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

		Women			Men				TOTAL
		Age Group		TOTAL	Age Group			TOTAL	
		40 - 49	50 +		30 - 39	40 - 49	50 +		
Type of Accident	E Codes								
Falls	E880-E888	2	0	2	1	1	3	5	7
Other Accidents	E916-E928	1	4	5	4	4	4	12	17

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

**Brookhaven National Laboratory 2008**  
**OSHA Data**

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

		Women			
		Age Group			
		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes				
Falls	E880-E888	99	157	0	0
Other Accidents	E916-E928	4	0	45	7

		Men					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Falls	E880-E888	0	0	0	27	66	174
Other Accidents	E916-E928	39	43	50	103	37	191

\*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	
Diagnostic Category	ICD-9-CM Code					
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	1	1
-Disorders of Peripheral NS	350-359	0	0	0	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	1	0	3	4
-Arthropathies	710-719	0	0	0	2	2
-Rheumatism, Excluding Back	725-729	0	1	0	1	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	1	1
-Symptoms	780-789	0	0	0	1	1
INJURY & POISONING	800-999	1	1	1	4	7
-Fracture - Lower Limb	820-829	1	0	0	0	1
-Complications & Unspecified Injuries	958-959	0	1	1	4	6

		Women				
		Job Category			TOTAL	
		Professional	Administrative Support	Technical Support		Service
Diagnostic Category						
Total		1	2	1	9	13

		Men					
		Job Category					TOTAL
		Professional	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code						
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	0	3	0	1	4
-Arthropathies	710-719	0	0	2	0	0	2
-Rheumatism, Excluding Back	725-729	0	0	1	0	1	2
INJURY & POISONING	800-999	3	3	3	3	5	17
-Open Wound - Upper Limb	880-887	1	0	0	0	1	2

(Continued)

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

**Brookhaven National Laboratory 2008**

**OSHA Data**

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

		Men					
		Job Category					TOTAL
		Professional	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code						
-Crushing Injury	925-929	0	0	1	0	0	1
-Complications & Unspecified Injuries	958-959	2	3	2	3	4	14

	Men					
	Job Category					TOTAL
	Professional	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category						
Total	3	3	6	3	6	21

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

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## OSHA Data

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

		Women							
		Job Category							
		Professional		Administrative Support		Technical Support		Service	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	1
-Arthropathies	710-719	0	0	0	0	0	0	0	1
-Rheumatism, Excluding Back	725-729	0	0	86	0	0	0	0	1
-Symptoms	780-789	0	0	0	0	0	0	0	1
-Fracture - Lower Limb	820-829	99	48	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0	49	115

		Men					
		Job Category					
		Professional		Technical Support		Service	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Arthropathies	710-719	0	0	0	0	31	163
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	2
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Crushing Injury	925-929	0	0	0	0	15	1
-Complications & Unspecified Injuries	958-959	11	31	66	134	0	0

		Men			
		Job Category			
		Security and Fire		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes				
-Arthropathies	710-719	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	6	26
-Open Wound - Upper Limb	880-887	0	0	29	1
-Crushing Injury	925-929	0	0	0	0
-Complications & Unspecified Injuries	958-959	63	126	0	67

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

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## OSHA Data

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

		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Technical Support	Service	
Type of Accident	E CODES					
Falls	E880-E888	1	0	0	1	2
Other Accidents	E916-E928	0	1	1	3	5

		Men					
		Job Category				TOTAL	
		Professional	Technical Support	Service	Security and Fire		Crafts
Type of Accident	E CODES						
Falls	E880-E888	1	1	1	0	2	5
Other Accidents	E916-E928	2	2	3	2	3	12

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

# Brookhaven National Laboratory 2008

## OSHA Data

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

		Women							
		Job Category							
		Professional		Administrative Support		Technical Support		Service	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Falls	E880-E888	99	48	0	0	0	0	0	109
Other Accidents	E916-E928	0	0	0	0	0	0	49	7

		Men					
		Job Category					
		Professional		Technical Support		Service	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Falls	E880-E888	0	0	66	134	0	0
Other Accidents	E916-E928	11	31	0	0	46	166

		Men			
		Job Category			
		Security and Fire		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes				
Falls	E880-E888	0	0	0	67
Other Accidents	E916-E928	63	114	6	26

\*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.

# Brookhaven National Laboratory 2008

## 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				
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	4	1.0	0.4	2.6
-Arthropathies	710-719	2	0.5	0.1	2.0
-Rheumatism, Excluding Back	725-729	2	0.5	0.1	2.0
INJURY & POISONING	800-999	17	7.5	4.5	12.5
-Open Wound - Upper Limb	880-887	2	1.0	0.2	4.3
-Complications of Surgical/Medical Care	996-999	15	6.5	3.8	11.2
<b>Total</b>		21	8.5	5.4	13.5

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

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

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### OSHA Data

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

##### Part 2. Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0.7	0.1	4.8
-Disorders of Peripheral NS	350-359	1	0.7	0.1	4.8
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	4	3.0	1.1	8.0
-Arthropathies	710-719	2	1.3	0.3	5.4
-Rheumatism, Excluding Back	725-729	2	1.6	0.4	6.7
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	0.7	0.1	4.8
-Symptoms	780-789	1	0.7	0.1	4.8
INJURY & POISONING	800-999	7	7.0	3.3	14.9
-Fracture - Lower Limb	820-829	1	1.0	0.1	6.8
-Complications of Surgical/Medical Care	996-999	6	6.0	2.7	13.6
<b>Total</b>		13	11.3	6.5	19.8

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

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

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### OSHA Data

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

##### Part 3. Men and Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0.2	0.0	1.3
-Disorders of Peripheral NS	350-359	1	0.2	0.0	1.3
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	8	1.5	0.8	3.1
-Arthropathies	710-719	4	0.7	0.3	1.9
-Rheumatism, Excluding Back	725-729	4	0.8	0.3	2.2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	0.2	0.0	1.3
-Symptoms	780-789	1	0.2	0.0	1.3
INJURY & POISONING	800-999	24	7.2	4.7	11.0
-Fracture - Lower Limb	820-829	1	0.3	0.0	1.9
-Open Wound - Upper Limb	880-887	2	0.7	0.2	3.1
-Complications of Surgical/Medical Care	996-999	21	6.2	4.0	9.8
<b>Total</b>		34	9.1	6.4	13.0

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

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