

2005

Brookhaven National Laboratory Annual Illness and Injury Surveillance Report



Brookhaven National Laboratory
2005 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:

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The Brookhaven National Laboratory Work Force - 2005

Figure 1. The Work Force by Gender and Age

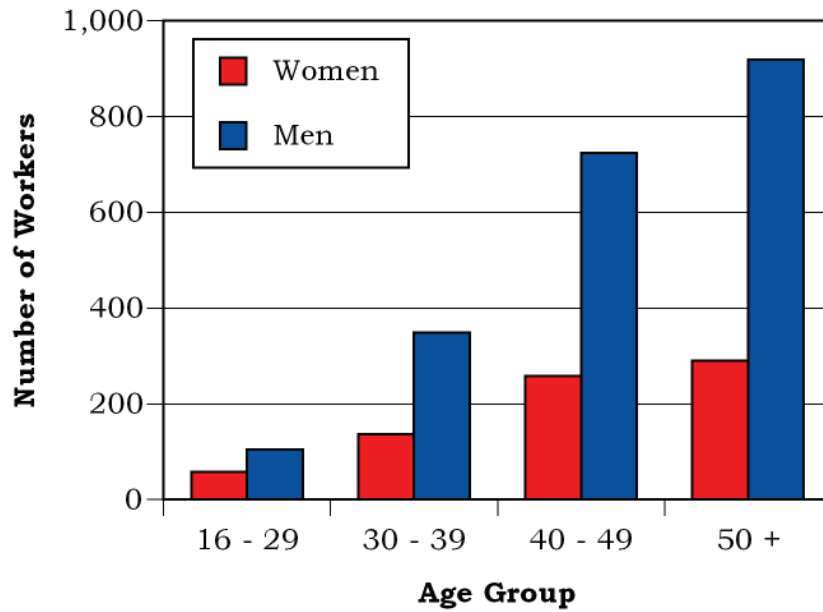


Figure 2. The Work Force by Gender and Job Category

Job Category	Women	Men
Professional	350 47%	1,274 61%
Administrative Support	302 41%	59 3%
Technical Support	41 5%	396 19%
Service	45 6%	175 8%
Security and Fire	3 <1%	63 3%
Crafts	1 <1%	130 6%
Line Operators	0 0%	0 0%
Total	742 100%	2,097 100%

Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

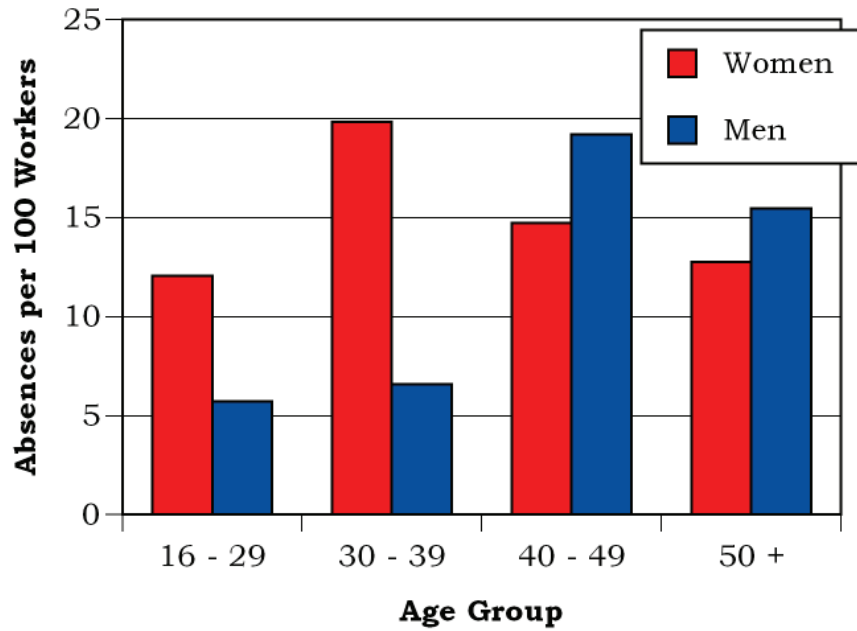


Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women	16-29	7	51	7
	30-39	27	279	10
	40-49	38	942	25
	50+	37	703	19
	Total	109	1,975	18
Men	16-29	6	110	18
	30-39	23	337	15
	40-49	139	2,129	15
	50+	142	3,297	23
	Total	310	5,873	19

Figure 5. Absence Rate by Job Category and Gender

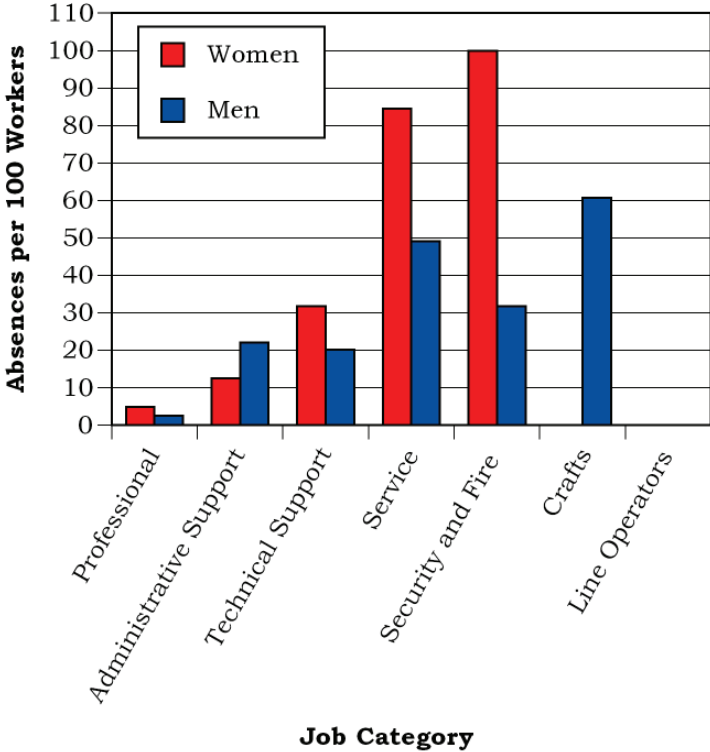
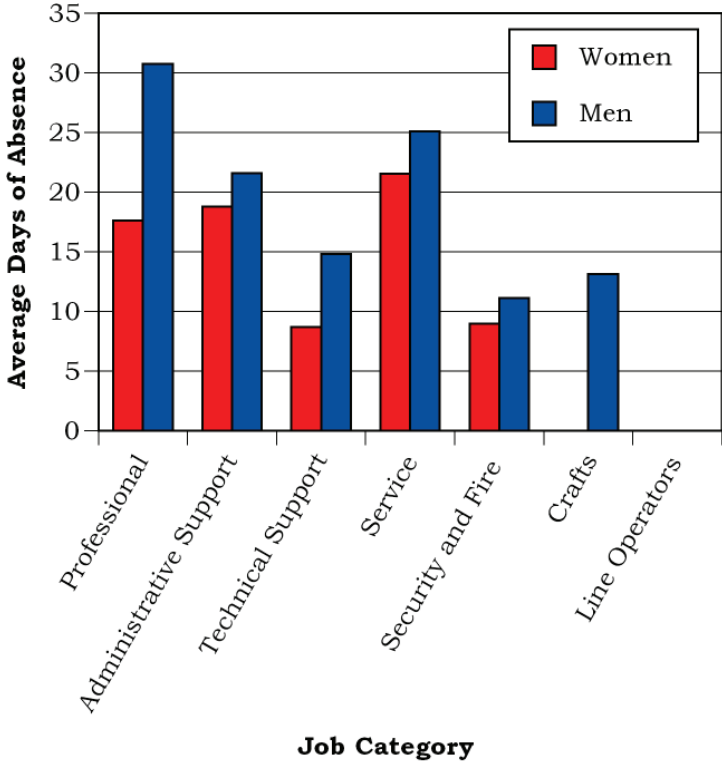


Figure 6. Average Duration of Absence by Job Category and Gender



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	30	3	221
Blood	0	0	1	8
Cancer	7	658	12	54
Digestive	13	125	47	716
Endocrine/Metabolic	3	35	15	416
Existing Birth Condition	0	0	0	0
Genitourinary	8	106	11	64
Heart/Circulatory	9	141	32	963
Infections/Parasites	6	42	8	159
Injury	12	359	46	1,192
Miscarriage	0	0	NA	NA
Musculoskeletal	35	214	117	2,184
Nervous System	8	76	18	207
Psychological	4	123	0	0
Respiratory	39	315	80	589
Skin	3	18	5	55
Unspecified Symptoms	16	162	61	508

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 2005

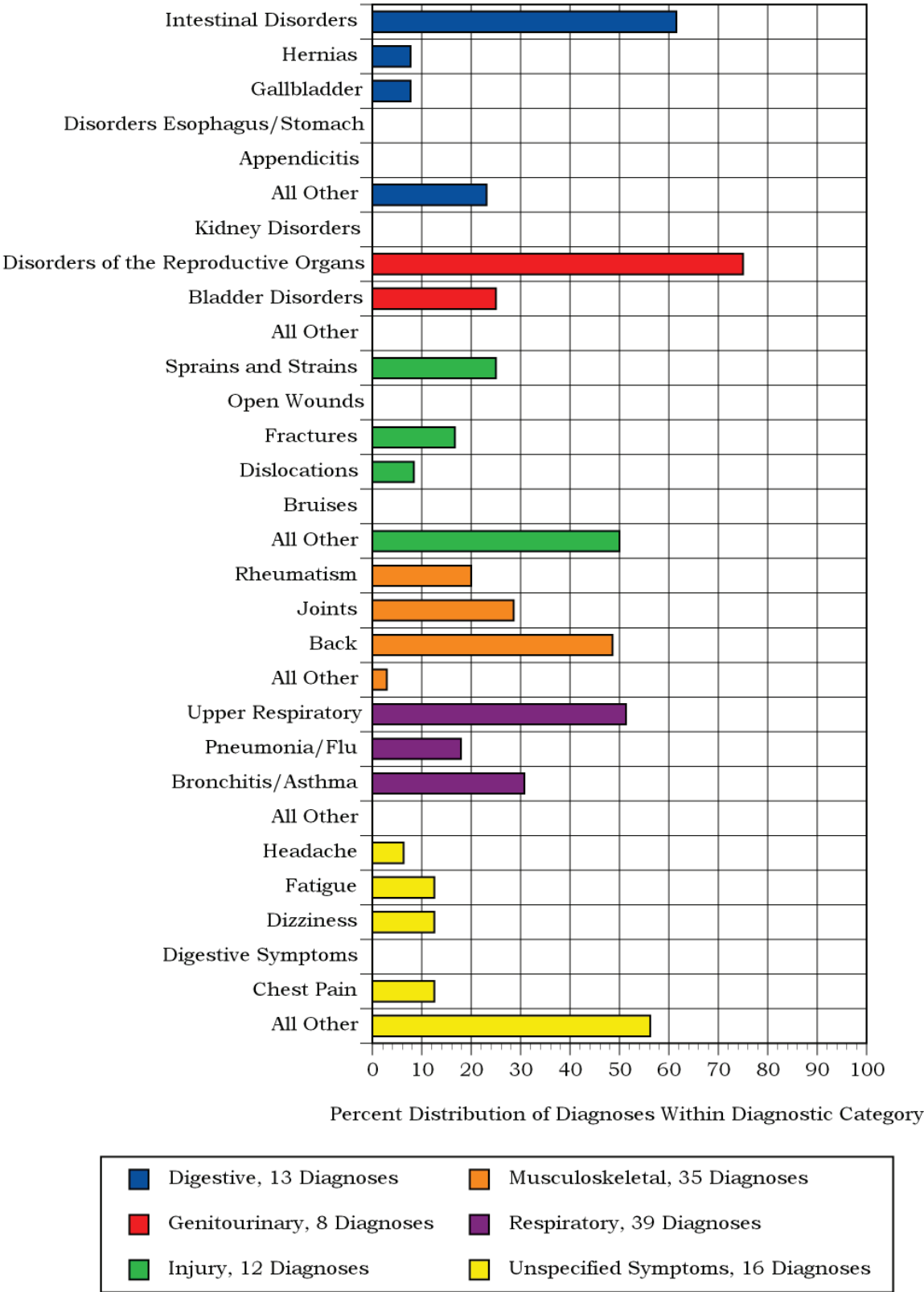


Figure 9. Common Diagnoses Among Male Workers in 2005

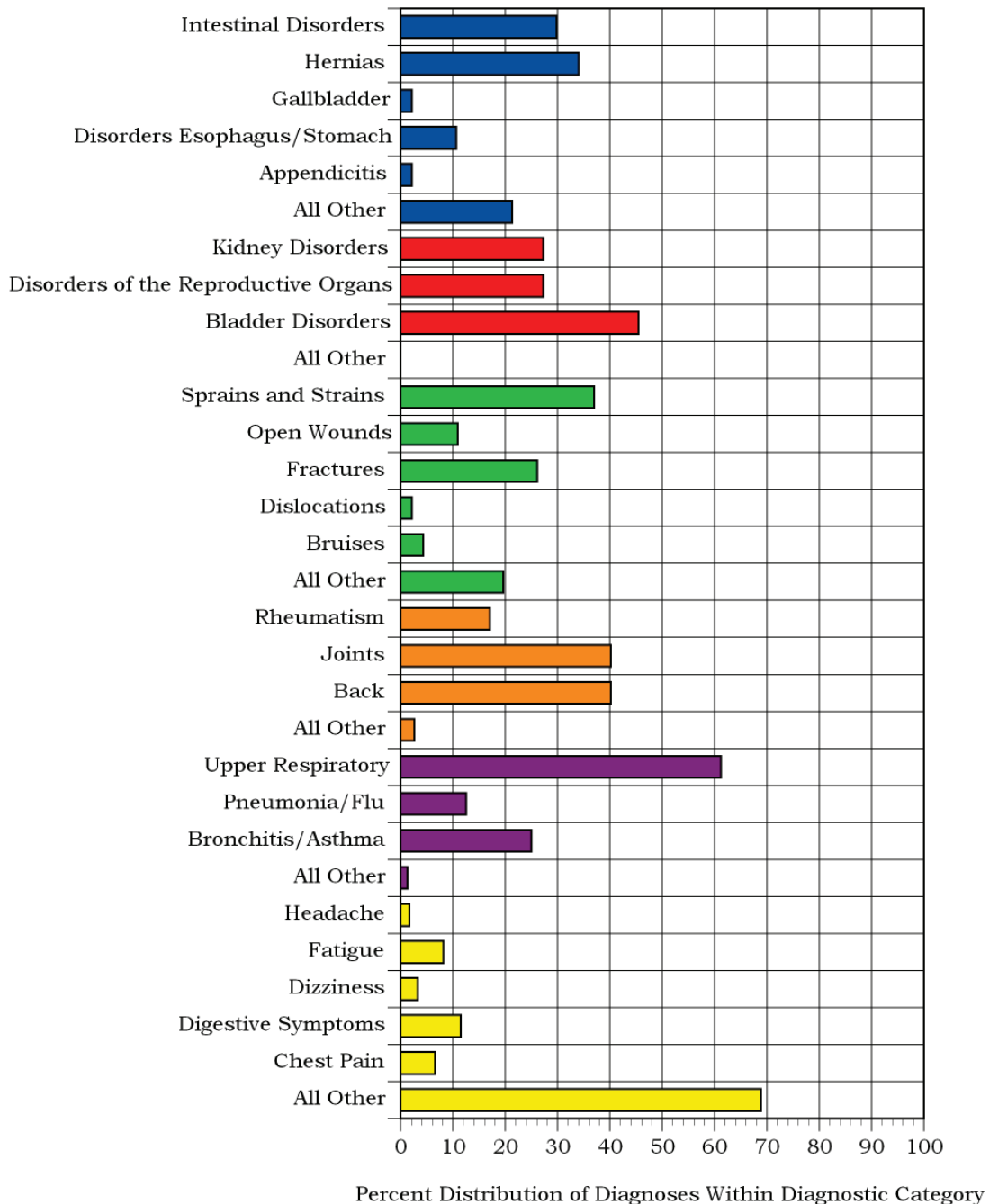


Figure 10. Number of Most Frequently Reported Diagnoses by Job Category and Gender

Job Category	Men		Women	
Professional	Cancer	11	Unspecified Symptoms	6
	Musculoskeletal	9	Respiratory	5
	Digestive	5	Digestive	3
			Injury	3
			Musculoskeletal	3
Administrative Support	Digestive	6	Respiratory	14
	Musculoskeletal	5	Injury	8
	Injury	3	Heart/Circulatory	5
	Respiratory	3	Musculoskeletal	5
Technical Support	Unspecified Symptoms	23	Musculoskeletal	15
	Musculoskeletal	20	Respiratory	3
	Respiratory	17	Digestive	2
			Unspecified Symptoms	2
Service	Musculoskeletal	36	Respiratory	15
	Respiratory	25	Musculoskeletal	11
	Injury	14	Digestive	6
Security and Fire	Respiratory	10	Respiratory	2
	Unspecified Symptoms	5	Genitourinary	1
	Digestive	4	Infections/Parasites	1
	Injury	4	Musculoskeletal	1
	Musculoskeletal	4		
Crafts	Musculoskeletal	43		0
	Respiratory	22		
	Unspecified Symptoms	17		
Line Operators		0		0

Rates of Disease Occurrence

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

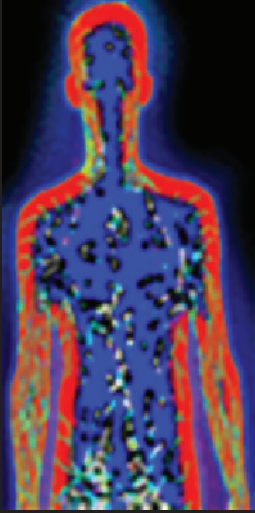
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	17	44
		50+	56	154
	Administrative Support	<50	375	210
		50+	371	152
	Technical Support	<50	227	759
		50+	357	83
	Service	<50	677	1,200
		50+	747	1,200
	Security and Fire	<50	439	1,667
		50+	500	0
	Crafts	<50	1,236	0
		50+	638	0
	Line Operators	<50	0	0
		50+	0	0

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

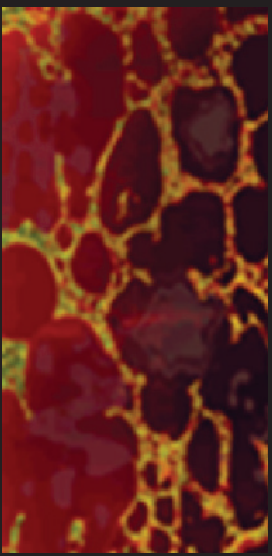
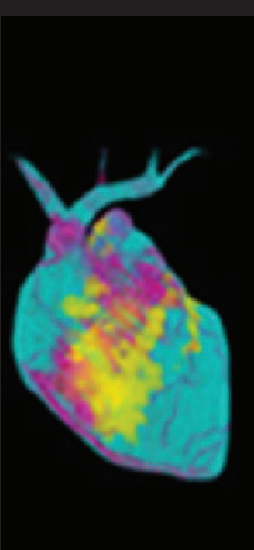
Cancer	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	3	0
		50+	16	8
	Administrative Support	<50	0	0
		50+	0	21
	Technical Support	<50	0	0
		50+	6	0
	Service	<50	0	57
		50+	0	100
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0

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+	7	8
	Administrative Support	<50	0	13
		50+	29	21
	Technical Support	<50	13	0
		50+	41	0
	Service	<50	52	86
		50+	63	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	56	0
		50+	52	0
	Line Operators	<50	0	0
		50+	0	0

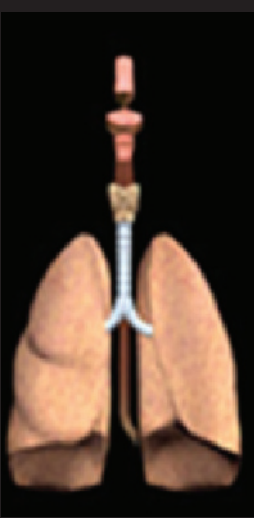

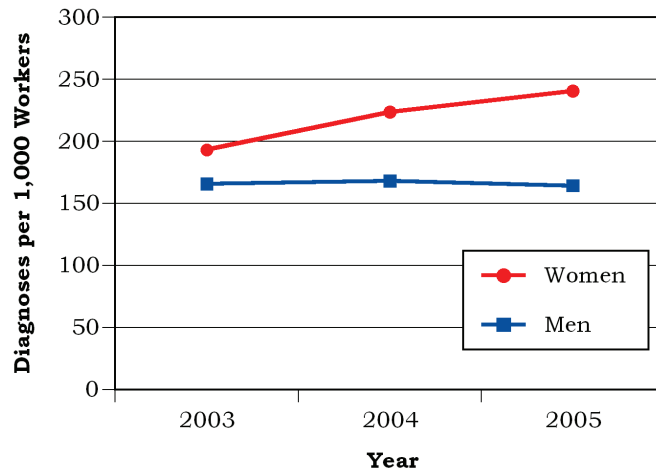
Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	3	0
		50+	2	41
	Administrative Support	<50	42	57
		50+	57	34
	Technical Support	<50	44	103
		50+	41	0
	Service	<50	104	314
		50+	190	400
	Security and Fire	<50	220	667
		50+	45	0
	Crafts	<50	167	0
		50+	172	0
	Line Operators	<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	4	9
		50+	2	8
	Administrative Support	<50	83	13
		50+	29	41
	Technical Support	<50	31	0
		50+	35	0
	Service	<50	73	0
		50+	89	100
	Security and Fire	<50	73	0
		50+	45	0
	Crafts	<50	83	0
		50+	34	0
	Line Operators	<50	0	0
		50+	0	0

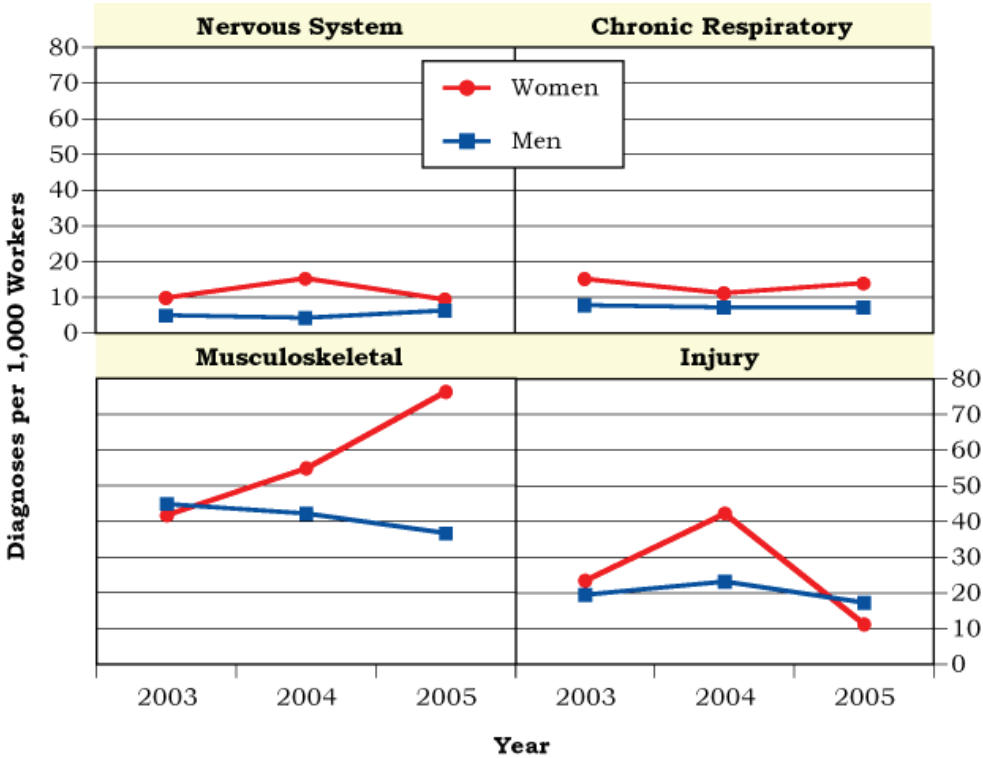
Time Trends

Figure 13. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men from 2003 to 2005*



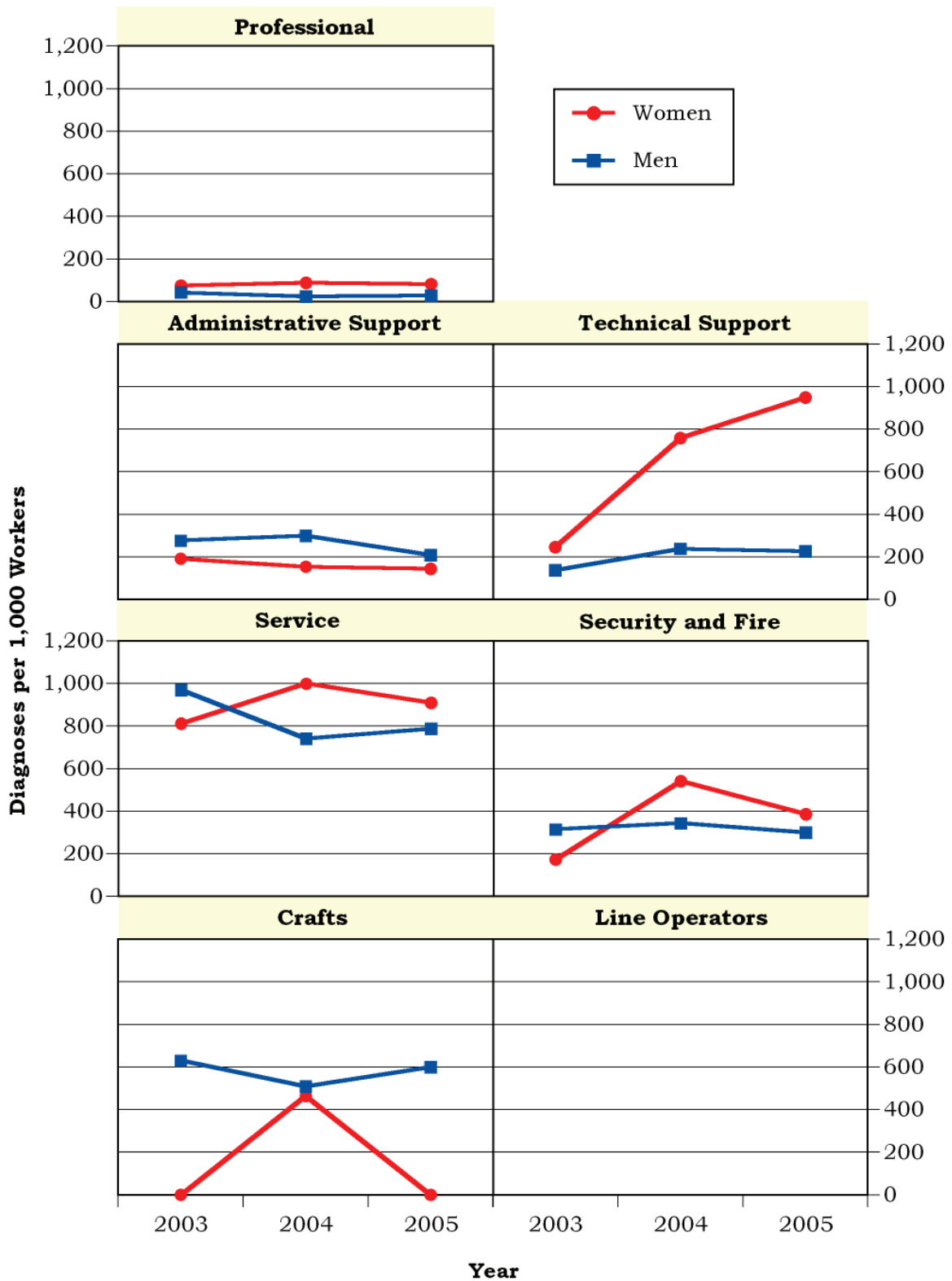
* Standardized to age distribution of 2000 U.S. population.

Figure 14. Age-Adjusted Rates for Selected Diagnostic Categories Among Women and Men from 2003 to 2005*



* 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 2005*



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

Sentinel Health Events for Occupations (SHEOs)

An occupational sentinel health event (SHEO) is a disease, disability, or death that is likely to be occupationally related. Although sentinel health events may indicate an occupational exposure, many may result from nonoccupational exposures. Sentinel health events are therefore assessed in two categories:

Definite Sentinel Health Events: Diseases that are unlikely to occur in the absence of an occupational exposure (e.g., asbestosis).

Possible Sentinel Health Events: Diseases that may be occupational but can also occur in the absence of an occupational exposure (e.g., lung cancer or carpal tunnel syndrome).

Figure 16. Characteristics of SHEOs by Gender

	Total Number of SHEO Diagnoses		Total Number of Days Absent	
	Men	Women	Men	Women
Definite	27	8	1,073	130
Possible	3	1	20	32
Total	30	9	1,093	162

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 17. OSHA-Recordable Events by Gender and Age

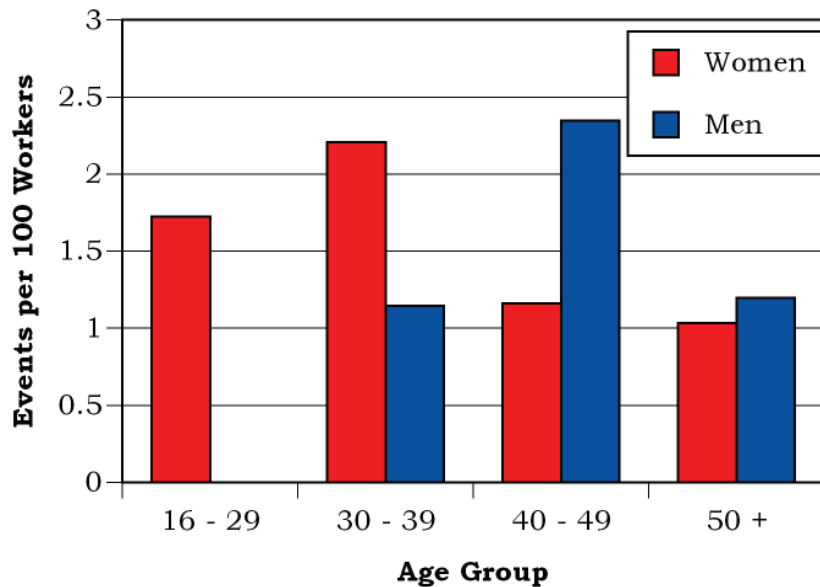
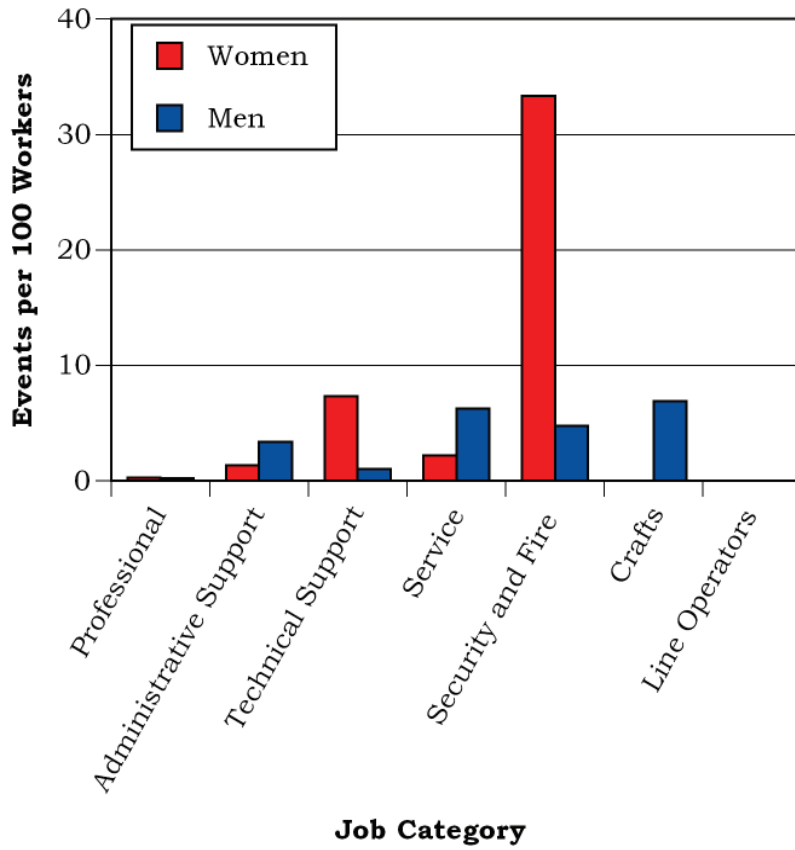


Figure 18. OSHA-Recordable Events by Job Category and Gender



Diagnostic and Accident Categories for OSHA-Recordable Events

Figure 19. OSHA-Recordable Diagnoses by Diagnostic Category and Gender

Diagnostic Category	Gender	
	Women	Men
Digestive	0	2
Musculoskeletal	11	13
Nervous System	0	3
Unspecified Symptoms	1	2
Injury	10	26
Fractures – Upper Limb	0	2
Fractures – Lower Limb	0	1
Back Sprains & Strains	0	4
Other Sprains & Strains	3	3
Open Wounds – Head, Neck, Trunk	0	3
Open Wounds – Upper Limb	1	4
Superficial Injuries	2	2
Bruises	0	2
Foreign Bodies Entering Orifice	0	2
Unspecified Injuries	3	3
Adverse Reactions to Non-Medical Substances	1	0

Figure 20. OSHA-Recordable Accidents by Type and Gender

Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Falls	3	2
Natural/Environmental Factors	1	1
Submersion/Suffocation/ Foreign Bodies	0	2
Other Accidents	5	22
Struck by an Object	2	5
Caught Between Objects	0	3
Cutting/Piercing Instrument/Object	1	2
Overexertion/Strenuous Movements	2	11
Noise	0	1
Total	9	27

Rates of OSHA-Recordable Events

Figure 21. OSHA-Recordable Rates by Age and Job Categories Among Women, All Diagnoses Combined

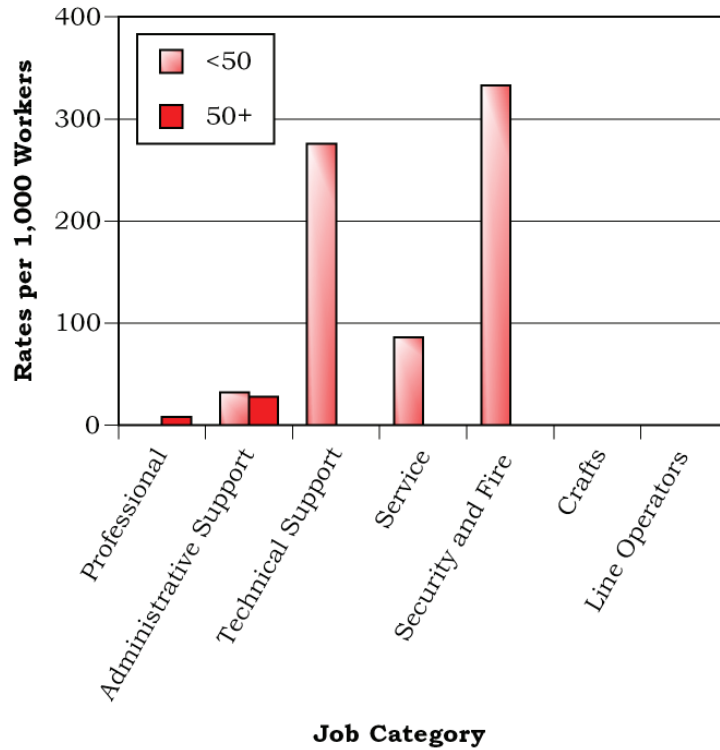
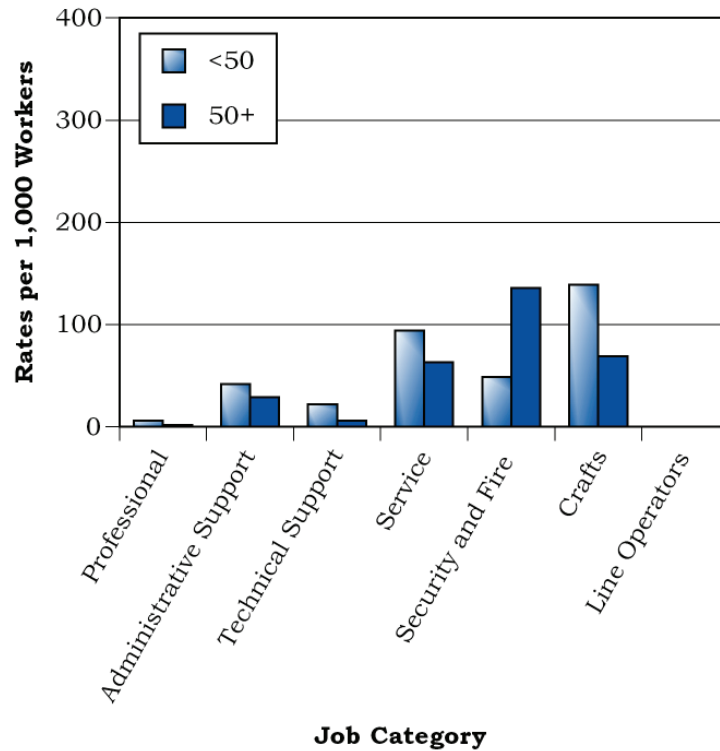
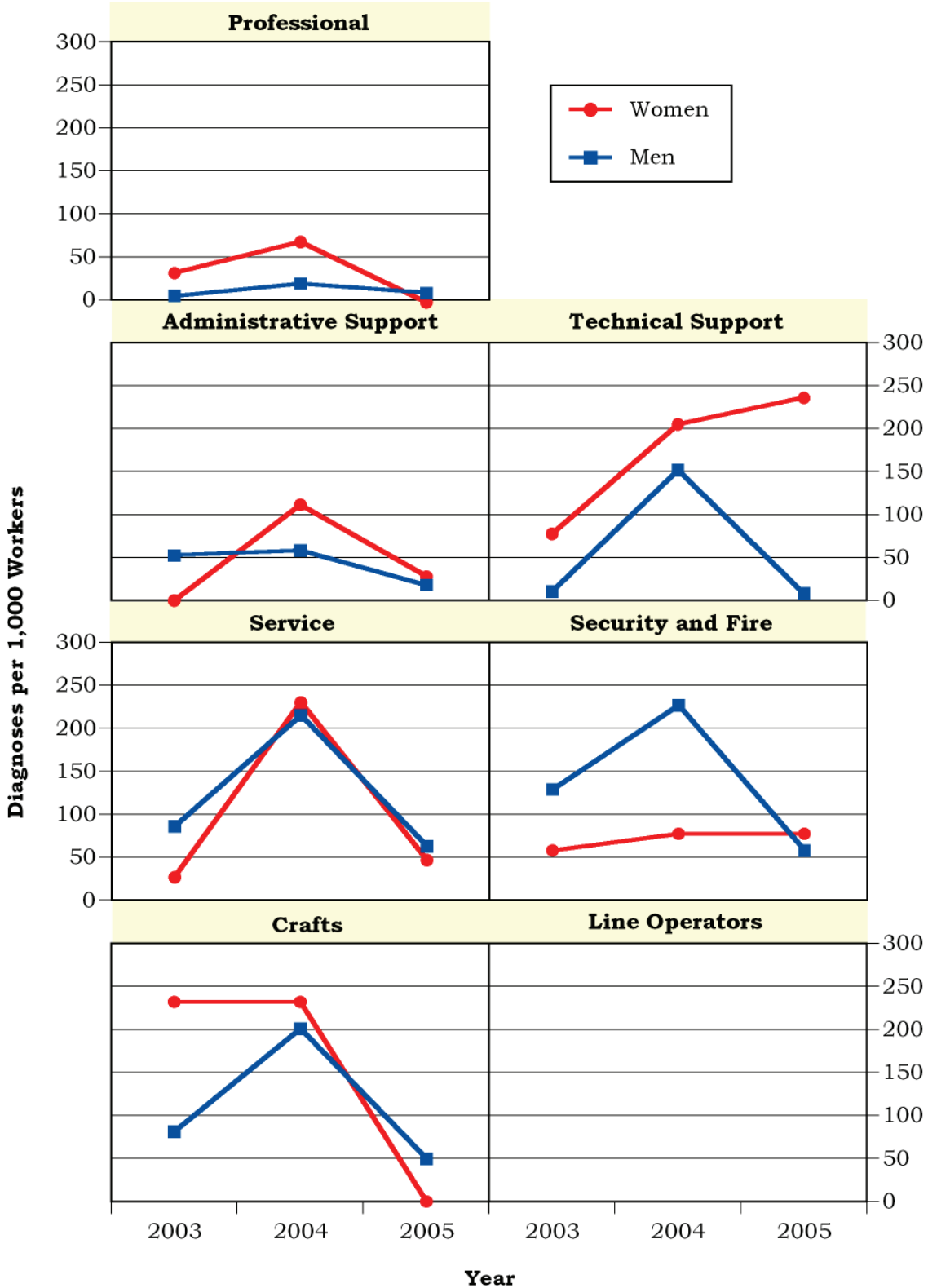


Figure 22. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined



Time Trends for OSHA-Recordable Events

Figure 23. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined Among Women and Men by Job Category from 2003 to 2005*



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

Appendices

Brookhaven National Laboratory 2005

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	33	69	125	123	350	79	267	374	554	1,274	1,624
Administrative Support	19	45	93	145	302	6	3	15	35	59	361
Technical Support	5	7	17	12	41	16	43	166	171	396	437
Service	1	15	19	10	45	3	20	73	79	175	220
Security and Fire	0	0	3	0	3	1	10	30	22	63	66
Crafts	0	0	1	0	1	0	6	66	58	130	131
TOTAL	58	136	258	290	742	105	349	724	919	2,097	2,839

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

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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	3	2	12	17	2	1	7	20	30	47
Administrative Support	0	6	10	11	27	0	0	4	5	9	36
Technical Support	2	2	3	1	8	2	7	24	30	63	71
Service	0	8	9	6	23	1	6	19	31	57	80
Security and Fire	0	0	3	0	3	0	2	6	6	14	17
Crafts	0	0	0	0	0	0	2	25	17	44	44
TOTAL	2	19	27	30	78	5	18	85	109	217	295

*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	3	2	12	17	2	1	8	21	32	49
Administrative Support	0	7	15	16	38	0	0	5	8	13	51
Technical Support	7	2	3	1	13	2	7	31	40	80	93
Service	0	15	15	8	38	2	10	35	39	86	124
Security and Fire	0	0	3	0	3	0	3	9	8	20	23
Crafts	0	0	0	0	0	0	2	51	26	79	79
TOTAL	7	27	38	37	109	6	23	139	142	310	419

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

Brookhaven National Laboratory 2005

Absence Data

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

# of Calendar Days	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
< 15	7	21	31	24	83	4	18	100	103	225	308
15 - 28	0	4	4	8	16	1	4	27	13	45	61
29 - 42	0	1	1	2	4	0	0	4	10	14	18
43 - 56	0	1	1	0	2	0	0	3	6	9	11
57 - 91	0	0	0	0	0	1	0	2	5	8	8
92 - 182	0	0	0	3	3	0	1	2	2	5	8
183 +	0	0	1	0	1	0	0	1	3	4	5
TOTAL	7	27	38	37	109	6	23	139	142	310	419

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

Brookhaven National Laboratory 2005

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	13	23	12	32	3	0	83
15 - 28	2	8	1	5	0	0	16
29 - 42	1	3	0	0	0	0	4
43 - 56	0	2	0	0	0	0	2
57 - 91	0	0	0	0	0	0	0
92 - 182	1	2	0	0	0	0	3
183 +	0	0	0	1	0	0	1
TOTAL	17	38	13	38	3	0	109

Men

# of Calendar Days	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
< 15	22	10	55	57	16	65	225
15 - 28	4	2	14	17	2	6	45
29 - 42	0	0	7	3	2	2	14
43 - 56	3	0	1	2	0	3	9
57 - 91	0	0	3	3	0	2	8
92 - 182	2	1	0	1	0	1	5
183 +	1	0	0	3	0	0	4
TOTAL	32	13	80	86	20	79	310

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

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Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	2	3	1	6
-Other Bacterial Dis	030-041	0	1	0	1	2
-Viral Dis with Exanthem	050-057	0	0	1	0	1
-Other Viral Dis & Chlamydiae	070-079	0	1	2	0	3
-Rickettsioses & Other Arthropod	080-088	0	0	0	0	0
-Late Effects	137-139	0	0	0	0	0
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	2	5	7
-Digestive & Peritoneal	150-159	0	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	1	1
-Breast	174-175	0	0	1	3	4
-Genitourinary	179-189	0	0	0	0	0
-Other & Unspecified Sites	190, 193-199	0	0	1	0	1
-Lymphatic & Hematopoietic	200-208	0	0	0	1	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	1	1	1	3
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	1	0	2	3
-Thyroid Gland Disorders	240-246	0	0	0	0	0
-Other Endocrine Gland Dis	250-259	0	0	0	1	1
-Other Metabolic & Immunity Disorders	270-279	0	1	0	1	2
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	0
MENTAL DISORDERS	290-319	0	1	1	2	4
-Non-Psychotic Disorders	300-302, 306-316	0	1	1	2	4
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	3	4	1	8
-Other Disorders of Central NS	340-349	0	2	1	0	3
-Disorders of Peripheral NS	350-359	0	1	0	0	1
-Disorders of Eye	360-379	0	0	2	1	3
-Dis of Ear & Mastoid	380-389	0	0	1	0	1
CIRCULATORY SYSTEM	390-459	0	2	3	4	9
-Chronic Rheumatic Heart Dis	393-398	0	0	0	0	0
-Hypertensive Dis	401-405	0	2	2	1	5
-Ischemic Heart Dis	410-414	0	0	0	1	1
-Other Heart Dis	420-429	0	0	0	1	1
-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	1	1	2
RESPIRATORY SYSTEM	460-519	1	11	13	14	39
-Acute Respiratory Infections	460-466	0	4	5	6	15
-Other Dis Upper Respiratory Tract	470-478	1	3	0	1	5

(Continued)

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

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Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	1	1	6	8	14	
-Other Bacterial Dis	030-041	0	1	0	1	2	4	
-Viral Dis with Exanthem	050-057	0	0	1	0	1	2	
-Other Viral Dis & Chlamydiae	070-079	0	0	0	2	2	5	
-Rickettsioses & Other Arthropod	080-088	0	0	0	2	2	2	
-Late Effects	137-139	0	0	0	1	1	1	
MALIGNANT NEOPLASMS	140-208, 230-234	1	0	1	10	12	19	
-Digestive & Peritoneal	150-159	0	0	1	2	3	3	
-Bone, Connective Tissue, Skin	170-173, 176	1	0	0	1	2	3	
-Breast	174-175	0	0	0	0	0	4	
-Genitourinary	179-189	0	0	0	5	5	5	
-Other & Unspecified Sites	190, 193-199	0	0	0	2	2	3	
-Lymphatic & Hematopoietic	200-208	0	0	0	0	0	1	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	1	2	3	6	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	11	4	15	18	
-Thyroid Gland Disorders	240-246	0	0	0	1	1	1	
-Other Endocrine Gland Dis	250-259	0	0	3	2	5	6	
-Other Metabolic & Immunity Disorders	270-279	0	0	8	1	9	11	
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	1	1	1	
MENTAL DISORDERS	290-319	0	0	0	0	0	4	
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	0	0	4	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	2	7	9	18	26	
-Other Disorders of Central NS	340-349	0	1	0	1	2	5	
-Disorders of Peripheral NS	350-359	0	0	4	2	6	7	
-Disorders of Eye	360-379	0	1	1	4	6	9	
-Dis of Ear & Mastoid	380-389	0	0	2	2	4	5	
CIRCULATORY SYSTEM	390-459	0	1	11	20	32	41	
-Chronic Rheumatic Heart Dis	393-398	0	0	1	0	1	1	
-Hypertensive Dis	401-405	0	0	2	7	9	14	
-Ischemic Heart Dis	410-414	0	0	3	3	6	7	
-Other Heart Dis	420-429	0	0	2	5	7	8	
-Cerebrovascular Dis	430-438	0	0	0	4	4	4	
-Dis of Arteries & Capillaries	440-448	0	0	1	0	1	1	
-Dis of Veins, Lymphatics, Other	451-459	0	1	2	1	4	6	
RESPIRATORY SYSTEM	460-519	1	9	34	36	80	119	
-Acute Respiratory Infections	460-466	0	5	13	17	35	50	
-Other Dis Upper Respiratory Tract	470-478	1	0	7	6	14	19	

(Continued)

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

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Absence Data

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

		Women					TOTAL
		Age Group					
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
-Pneumonia & Influenza	480-487	0	2	3	2	7	
-Chronic Obstructive Dis	490-496	0	2	5	5	12	
-Other Respiratory Dis	510-519	0	0	0	0	0	
DIGESTIVE SYSTEM	520-579	0	8	4	1	13	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	1	2	0	3	
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0	
-Appendicitis	540-543	0	0	0	0	0	
-Hernia	550-553	0	0	0	1	1	
-Enteritis, Colitis	555-558	0	5	2	0	7	
-Other Intestinal Dis	560-569	0	1	0	0	1	
-Other Digestive Dis	570-579	0	1	0	0	1	
GENTOURINARY SYSTEM	580-629	1	1	2	4	8	
-Other Urinary Dis	590-599	0	0	0	2	2	
-Male Genital Organ Dis	600-608	0	0	0	0	0	
-Other Female Disorders	617-629	1	1	2	2	6	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	1	2	0	3	
-Infections	680-686	0	0	1	0	1	
-Other Inflammatory Conditions	690-698	0	1	0	0	1	
-Other	700-709	0	0	1	0	1	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	12	5	14	4	35	
-Arthropathies	710-719	3	2	5	0	10	
-Dorsopathies	720-724	7	2	6	2	17	
-Rheumatism, Excluding Back	725-729	2	1	2	2	7	
-Other Dis & Acquired Deformities	730-739	0	0	1	0	1	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	2	3	4	7	16	
-Symptoms	780-789	2	3	4	7	16	
-Non-Specific Abnormal Findings	790-796	0	0	0	0	0	
INJURY & POISONING	800-999	0	2	2	8	12	
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	
-Fracture - Upper Limb	810-819	0	0	0	0	0	
-Fracture - Lower Limb	820-829	0	0	0	2	2	
-Dislocation	830-839	0	1	0	0	1	
-Sprains & Strains - Back	846-847	0	0	0	0	0	
-Sprains & Strains - Other	840-845, 848	0	0	0	3	3	
-Intracranial Injury	850-854	0	0	0	0	0	
-Open Wound - Upper Limb	880-887	0	0	0	0	0	

(Continued)

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

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Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
-Pneumonia & Influenza	480-487	0	1	6	3	10	17	
-Chronic Obstructive Dis	490-496	0	3	8	9	20	32	
-Other Respiratory Dis	510-519	0	0	0	1	1	1	
DIGESTIVE SYSTEM	520-579	2	3	22	20	47	60	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	2	3	6	
-Esophagus, Stomach, Duodenum	530-537	0	0	1	4	5	5	
-Appendicitis	540-543	0	0	0	1	1	1	
-Hernia	550-553	1	0	6	9	16	17	
-Enteritis, Colitis	555-558	1	1	4	1	7	14	
-Other Intestinal Dis	560-569	0	1	5	1	7	8	
-Other Digestive Dis	570-579	0	1	5	2	8	9	
GENTOURINARY SYSTEM	580-629	0	1	5	5	11	19	
-Other Urinary Dis	590-599	0	1	2	5	8	10	
-Male Genital Organ Dis	600-608	0	0	3	0	3	3	
-Other Female Disorders	617-629	0	0	0	0	0	6	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	2	2	1	5	8	
-Infections	680-686	0	0	0	1	1	2	
-Other Inflammatory Conditions	690-698	0	0	1	0	1	2	
-Other	700-709	0	2	1	0	3	4	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	5	63	49	117	152	
-Arthropathies	710-719	0	2	27	18	47	57	
-Dorsopathies	720-724	0	0	26	21	47	64	
-Rheumatism, Excluding Back	725-729	0	3	9	8	20	27	
-Other Dis & Acquired Deformities	730-739	0	0	1	2	3	4	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	2	5	23	31	61	77	
-Symptoms	780-789	2	5	22	28	57	73	
-Non-Specific Abnormal Findings	790-796	0	0	1	3	4	4	
INJURY & POISONING	800-999	1	3	24	18	46	58	
-Fracture - Neck, Trunk	805-809	0	0	1	1	2	2	
-Fracture - Upper Limb	810-819	0	0	3	3	6	6	
-Fracture - Lower Limb	820-829	1	0	2	1	4	6	
-Dislocation	830-839	0	0	1	0	1	2	
-Sprains & Strains - Back	846-847	0	0	5	3	8	8	
-Sprains & Strains - Other	840-845, 848	0	1	3	5	9	12	
-Intracranial Injury	850-854	0	0	2	0	2	2	
-Open Wound - Upper Limb	880-887	0	2	2	0	4	4	

(Continued)

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

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Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
-Open Wound - Lower Limb	890-897	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0
-Burns	940-949	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	0
-Toxic Effects - Non-medicinal	980-989	0	0	0	1	1
-Unspecified Effects - External Causes	990-995	0	0	1	0	1
-Complications of Surgical/Medical Care	996-999	0	1	1	2	4
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	5	6	1	12
-Personal & Family History	V10-V19	0	0	1	0	1
-Health Services Reproduction/Development	V20-V29	0	2	0	0	2
-Specific Procedures/Aftercare	V50-V59	0	0	0	0	0
-Other Circumstances	V60-V69	0	3	5	1	9

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

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Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
-Open Wound - Lower Limb	890-897	0	0	1	0	1	1	
-Superficial Injury	910-919	0	0	0	1	1	1	
-Contusion	920-924	0	0	1	1	2	2	
-Foreign Body Entering Orifice	930-939	0	0	0	1	1	1	
-Burns	940-949	0	0	1	0	1	1	
-Complications & Unspecified Injuries	958-959	0	0	2	0	2	2	
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	1	
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	1	
-Complications of Surgical/Medical Care	996-999	0	0	0	2	2	6	
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	1	1	4	7	19	
-Personal & Family History	V10-V19	0	0	0	1	1	2	
-Health Services Reproduction/Development	V20-V29	0	0	0	0	0	2	
-Specific Procedures/Aftercare	V50-V59	1	0	0	0	1	1	
-Other Circumstances	V60-V69	0	1	1	3	5	14	

Diagnostic Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Total	16	46	61	55	178	8	33	206	216	463	641

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

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Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	13	23	6	42
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	545	113	658
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	2	14	14	30
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	17	0	18	35
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	0
MENTAL DISORDERS	290-319	0	5	1	117	123
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	38	32	6	76
CIRCULATORY SYSTEM	390-459	0	35	28	78	141
RESPIRATORY SYSTEM	460-519	8	59	115	133	315
DIGESTIVE SYSTEM	520-579	0	91	20	14	125
GENITOURINARY SYSTEM	580-629	12	20	48	26	106
SKIN & SUBCUTANEOUS TISSUE	680-709	0	6	12	0	18
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	31	7	146	30	214
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	8	23	36	95	162
INJURY & POISONING	800-999	0	11	15	333	359

		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	20	7	132	159	201
MALIGNANT NEOPLASMS	140-208, 230-234	1	0	1	52	54	712
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	93	128	221	251
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	331	85	416	451
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	8	8	8
MENTAL DISORDERS	290-319	0	0	0	0	0	123
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	20	105	82	207	283
CIRCULATORY SYSTEM	390-459	0	21	294	648	963	1,104
RESPIRATORY SYSTEM	460-519	14	43	231	301	589	904
DIGESTIVE SYSTEM	520-579	23	31	374	288	716	841
GENITOURINARY SYSTEM	580-629	0	12	18	34	64	170
SKIN & SUBCUTANEOUS TISSUE	680-709	0	26	25	4	55	73
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	164	762	1,258	2,184	2,398
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	3	20	327	158	508	670
INJURY & POISONING	800-999	69	138	407	578	1,192	1,551

*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*

Diagnostic Category		Women					TOTAL
		Job Category					
		Professional	Administrative Support	Technical Support	Service	Security and Fire	
	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	4	0	1	1	6
-Other Bacterial Dis	030-041	0	1	0	1	0	2
-Viral Dis with Exanthem	050-057	0	0	0	0	1	1
-Other Viral Dis & Chlamydiae	070-079	0	3	0	0	0	3
MALIGNANT NEOPLASMS	140-208, 230-234	1	3	0	3	0	7
-Bone, Connective Tissue, Skin	170-173, 176	1	0	0	0	0	1
-Breast	174-175	0	3	0	1	0	4
-Other & Unspecified Sites	190, 193-199	0	0	0	1	0	1
-Lymphatic & Hematopoietic	200-208	0	0	0	1	0	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	2	0	0	1	0	3
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	3	0	0	0	3
-Other Endocrine Gland Dis	250-259	0	1	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	0	2	0	0	0	2
MENTAL DISORDERS	290-319	2	1	0	1	0	4
-Non-Psychotic Disorders	300-302, 306-316	2	1	0	1	0	4
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	4	0	3	0	8
-Other Disorders of Central NS	340-349	0	0	0	3	0	3
-Disorders of Peripheral NS	350-359	0	1	0	0	0	1
-Disorders of Eye	360-379	1	2	0	0	0	3
-Dis of Ear & Mastoid	380-389	0	1	0	0	0	1
CIRCULATORY SYSTEM	390-459	1	5	0	3	0	9
-Hypertensive Dis	401-405	0	2	0	3	0	5
-Ischemic Heart Dis	410-414	1	0	0	0	0	1
-Other Heart Dis	420-429	0	1	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	2	0	0	0	2
RESPIRATORY SYSTEM	460-519	5	14	3	15	2	39
-Acute Respiratory Infections	460-466	2	5	1	7	0	15
-Other Dis Upper Respiratory Tract	470-478	0	2	1	2	0	5
-Pneumonia & Influenza	480-487	1	3	1	0	2	7
-Chronic Obstructive Dis	490-496	2	4	0	6	0	12
DIGESTIVE SYSTEM	520-579	3	2	2	6	0	13
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	0	2	0	3
-Hernia	550-553	0	0	1	0	0	1

(Continued)

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

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Absence Data

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

Diagnostic Category		Women					
		Job Category					TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	
	ICD-9-CM Code						
-Enteritis, Colitis	555-558	1	2	0	4	0	7
-Other Intestinal Dis	560-569	1	0	0	0	0	1
-Other Digestive Dis	570-579	0	0	1	0	0	1
GENTOURINARY SYSTEM	580-629	2	2	1	2	1	8
-Other Urinary Dis	590-599	0	1	0	1	0	2
-Other Female Disorders	617-629	2	1	1	1	1	6
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	3	0	3
-Infections	680-686	0	0	0	1	0	1
-Other Inflammatory Conditions	690-698	0	0	0	1	0	1
-Other	700-709	0	0	0	1	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	3	5	15	11	1	35
-Arthropathies	710-719	0	0	5	5	0	10
-Dorsopathies	720-724	2	2	8	4	1	17
-Rheumatism, Excluding Back	725-729	1	2	2	2	0	7
-Other Dis & Acquired Deformities	730-739	0	1	0	0	0	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	6	4	2	4	0	16
-Symptoms	780-789	6	4	2	4	0	16
INJURY & POISONING	800-999	3	8	0	1	0	12
-Fracture - Lower Limb	820-829	0	2	0	0	0	2
-Dislocation	830-839	1	0	0	0	0	1
-Sprains & Strains - Other	840-845, 848	0	2	0	1	0	3
-Toxic Effects - Non-medicinal	980-989	1	0	0	0	0	1
-Unspecified Effects - External Causes	990-995	0	1	0	0	0	1
-Complications of Surgical/Medical Care	996-999	1	3	0	0	0	4
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	2	5	3	2	0	12
-Personal & Family History	V10-V19	1	0	0	0	0	1
-Health Services Reproduction/Development	V20-V29	0	1	0	1	0	2
-Other Circumstances	V60-V69	1	4	3	1	0	9

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

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Absence Data

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

	Women					
	Job Category					TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	
Diagnostic Category						
Total	31	60	26	56	5	178

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

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Absence Data

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

Diagnostic Category		Men						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	0	2	2	1	2	8
-Other Bacterial Dis	030-041	0	0	1	0	0	1	2
-Viral Dis with Exanthem	050-057	0	0	0	0	0	1	1
-Other Viral Dis & Chlamydiae	070-079	0	0	1	0	1	0	2
-Rickettsioses & Other Arthropod	080-088	0	0	0	2	0	0	2
-Late Effects	137-139	1	0	0	0	0	0	1
MALIGNANT NEOPLASMS	140-208, 230-234	11	0	1	0	0	0	12
-Digestive & Peritoneal	150-159	2	0	1	0	0	0	3
-Bone, Connective Tissue, Skin	170-173, 176	2	0	0	0	0	0	2
-Genitourinary	179-189	5	0	0	0	0	0	5
-Other & Unspecified Sites	190, 193-199	2	0	0	0	0	0	2
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	1	0	2	0	0	0	3
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	1	10	0	4	15
-Thyroid Gland Disorders	240-246	0	0	0	1	0	0	1
-Other Endocrine Gland Dis	250-259	0	0	0	2	0	3	5
-Other Metabolic & Immunity Disorders	270-279	0	0	1	7	0	1	9
BLOOD & BLOOD-FORMING ORGANS	280-289	1	0	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	2	1	2	8	1	4	18
-Other Disorders of Central NS	340-349	0	0	0	1	0	1	2
-Disorders of Peripheral NS	350-359	0	0	2	4	0	0	6
-Disorders of Eye	360-379	2	0	0	1	1	2	6
-Dis of Ear & Mastoid	380-389	0	1	0	2	0	1	4
CIRCULATORY SYSTEM	390-459	4	1	10	10	0	7	32
-Chronic Rheumatic Heart Dis	393-398	0	0	0	1	0	0	1
-Hypertensive Dis	401-405	0	0	3	3	0	3	9
-Ischemic Heart Dis	410-414	0	1	2	3	0	0	6
-Other Heart Dis	420-429	2	0	2	1	0	2	7
-Cerebrovascular Dis	430-438	2	0	0	1	0	1	4
-Dis of Arteries & Capillaries	440-448	0	0	1	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	2	1	0	1	4
RESPIRATORY SYSTEM	460-519	3	3	17	25	10	22	80

(Continued)

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

Brookhaven National Laboratory 2005

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								
-Acute Respiratory Infections	460-466	2	1	5	10	4	13	35
-Other Dis Upper Respiratory Tract	470-478	0	1	3	4	3	3	14
-Pneumonia & Influenza	480-487	1	0	5	2	1	1	10
-Chronic Obstructive Dis	490-496	0	1	4	8	2	5	20
-Other Respiratory Dis	510-519	0	0	0	1	0	0	1
DIGESTIVE SYSTEM	520-579	5	6	16	4	4	12	47
-Oral Cavity, Saliva Glands, Jaw	520-529	0	1	1	0	0	1	3
-Esophagus, Stomach, Duodenum	530-537	1	0	2	0	1	1	5
-Appendicitis	540-543	0	1	0	0	0	0	1
-Hernia	550-553	4	0	7	1	1	3	16
-Enteritis, Colitis	555-558	0	0	2	1	2	2	7
-Other Intestinal Dis	560-569	0	3	2	0	0	2	7
-Other Digestive Dis	570-579	0	1	2	2	0	3	8
GENITOURINARY SYSTEM	580-629	1	1	2	1	0	6	11
-Other Urinary Dis	590-599	1	0	2	1	0	4	8
-Male Genital Organ Dis	600-608	0	1	0	0	0	2	3
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	3	1	0	1	5
-Infections	680-686	0	0	1	0	0	0	1
-Other Inflammatory Conditions	690-698	0	0	0	0	0	1	1
-Other	700-709	0	0	2	1	0	0	3
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	9	5	20	36	4	43	117
-Arthropathies	710-719	2	1	11	16	2	15	47
-Dorsopathies	720-724	4	3	5	11	1	23	47
-Rheumatism, Excluding Back	725-729	2	1	4	9	0	4	20
-Other Dis & Acquired Deformities	730-739	1	0	0	0	1	1	3
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	2	23	13	5	17	61
-Symptoms	780-789	1	2	21	13	4	16	57
-Non-Specific Abnormal Findings	790-796	0	0	2	0	1	1	4
INJURY & POISONING	800-999	4	3	13	14	4	8	46
-Fracture - Neck, Trunk	805-809	1	0	1	0	0	0	2
-Fracture - Upper Limb	810-819	0	0	3	2	1	0	6
-Fracture - Lower Limb	820-829	0	0	1	2	0	1	4
-Dislocation	830-839	0	0	0	1	0	0	1

(Continued)

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

Brookhaven National Laboratory 2005

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								
-Sprains & Strains - Back	846-847	2	1	1	1	1	2	8
-Sprains & Strains - Other	840-845, 848	0	0	3	5	0	1	9
-Intracranial Injury	850-854	0	1	0	0	0	1	2
-Open Wound - Upper Limb	880-887	0	0	1	2	1	0	4
-Open Wound - Lower Limb	890-897	0	0	0	0	0	1	1
-Superficial Injury	910-919	0	0	0	0	1	0	1
-Contusion	920-924	0	0	1	1	0	0	2
-Foreign Body Entering Orifice	930-939	0	0	1	0	0	0	1
-Burns	940-949	0	0	0	0	0	1	1
-Complications & Unspecified Injuries	958-959	0	0	1	0	0	1	2
-Complications of Surgical/Medical Care	996-999	1	1	0	0	0	0	2
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	3	0	2	2	0	0	7
-Personal & Family History	V10-V19	1	0	0	0	0	0	1
-Specific Procedures/Aftercare	V50-V59	0	0	1	0	0	0	1
-Other Circumstances	V60-V69	2	0	1	2	0	0	5

Diagnostic Category	Men						
	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Total	46	22	114	126	29	126	463

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

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Absence Data

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

Diagnostic Category		Women						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire		
	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	26	0	5	11	42	
MALIGNANT NEOPLASMS	140-208, 230-234	1	111	0	546	0	658	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	28	0	0	2	0	30	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	35	0	0	0	35	
MENTAL DISORDERS	290-319	117	1	0	5	0	123	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	6	60	0	10	0	76	
CIRCULATORY SYSTEM	390-459	33	75	0	33	0	141	
RESPIRATORY SYSTEM	460-519	69	93	20	117	16	315	
DIGESTIVE SYSTEM	520-579	23	49	27	26	0	125	
GENITOURINARY SYSTEM	580-629	14	51	12	26	3	106	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	18	0	18	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	11	68	54	68	13	214	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	74	55	8	25	0	162	
INJURY & POISONING	800-999	128	216	0	15	0	359	

Diagnostic Category		Men						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	94	0	27	18	3	17	159
MALIGNANT NEOPLASMS	140-208, 230-234	15	0	39	0	0	0	54
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	93	0	128	0	0	0	221
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	2	355	0	59	416
BLOOD & BLOOD-FORMING ORGANS	280-289	8	0	0	0	0	0	8
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	25	10	32	107	3	30	207
CIRCULATORY SYSTEM	390-459	471	27	91	293	0	81	963
RESPIRATORY SYSTEM	460-519	23	19	107	201	84	155	589

(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.

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Absence Data

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

		Men						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code							
DIGESTIVE SYSTEM	520-579	46	42	283	81	47	217	716
GENITOURINARY SYSTEM	580-629	1	8	14	7	0	34	64
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	30	20	0	5	55
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	292	185	316	917	85	389	2,184
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	8	27	119	263	31	60	508
INJURY & POISONING	800-999	17	160	155	647	39	174	1,192

*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 2005

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/Parasites	001-139	8	2.7	1.3	5.7
Cancer	140-208, 230-234	12	6.2	2.6	14.7
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0
-Digestive Organs	150-159	3	1.0	0.3	3.0
-Respiratory System	160-165	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	2	2.7	0.5	16.3
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	5	1.8	0.8	4.4
-Other & Unspecified Sites	190, 193-199	2	0.6	0.2	2.7
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
-Carcinoma in situ	230-234	0	0	0	0
Benign Growths	210-229, 235-239	3	1.0	0.3	3.0
Endocrine/Metabolic	240-279	15	4.7	2.8	7.8
-Other Endocrine Glands	250-259	5	1.5	0.6	3.5
Blood	280-289	1	0.3	0.0	1.8
Mental	290-319	0	0	0	0
-Non-Psychotic Conditions	300-302, 306-316	0	0	0	0
Nervous System	320-389	18	6.3	3.9	10.3
-Disorders of Peripheral NS	350-359	6	1.9	0.9	4.3
Heart/Circulatory	390-459	32	9.7	6.8	13.9
-Hypertensive Disease	401-405	9	2.6	1.3	5.0
-Ischemic Heart Disease	410-414	6	1.7	0.8	3.9
Respiratory	460-519	80	29.6	22.6	38.8
-Chronic Obstructive Diseases	490-496	20	7.2	4.5	11.5
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	47	19.7	13.0	29.9
-Hernias	550-553	16	7.2	3.4	15.3
Genitourinary	580-629	11	3.7	2.0	6.9
-Nephritis, Nephrosis	580-589	0	0	0	0
Miscarriage**	630-677	0	0	0	0
Skin	680-709	5	2.3	0.9	5.8
Musculoskeletal	710-739	117	36.7	30.4	44.3
-Arthropathies	710-719	47	14.7	10.9	19.8
-Dorsopathies	720-724	47	13.9	10.4	18.6
-Rheumatism, Excluding Back	725-729	20	7.1	4.4	11.4
Congenital Anomalies	740-759	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.

Brookhaven National Laboratory 2005

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
Unspecified Symptoms	780-799	61	24.4	17.1	34.8
Injury	800-999	46	17.3	11.8	25.4
-Fractures - Skull, Neck, Trunk	800-809	2	0.6	0.1	2.3
-Fractures - Upper Limb	810-819	6	1.9	0.8	4.2
-Fractures - Lower Limb	820-829	4	3.4	0.8	14.7
-Dislocations	830-839	1	0.3	0.0	2.3
-Back Sprains & Strains	846-847	8	2.5	1.2	5.0
-Other Sprains & Strains	840-845, 848	9	3.2	1.6	6.4
-Open Wounds	870-887, 890-897	5	2.3	0.9	5.9
-Burns	940-949	1	0.3	0.0	2.3
-Adverse Reactions to Nonmedical Substances	980-989	0	0	0	0
-Adverse Reactions to External Causes	990-995	0	0	0	0
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		456	164.4	146.2	184.8

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/Parasites	001-139	6	6.9	2.9	16.1
Cancer	140-208, 230-234	7	6.7	3.0	14.9
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	1	1.9	0.3	13.3
-Breast	174-175	4	3.2	1.2	8.5
-Genitourinary	179-189	0	0	0	0
-Other & Unspecified Sites	190, 193-199	1	0.9	0.1	6.4
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	1	0.8	0.1	5.4
-Carcinoma in situ	230-234	0	0	0	0
Benign Growths	210-229, 235-239	3	4.5	1.4	14.6
Endocrine/Metabolic	240-279	3	3.2	0.9	11.0
-Other Endocrine Glands	250-259	1	0.8	0.1	5.4
Blood	280-289	0	0	0	0
Mental	290-319	4	4.1	1.4	11.8
-Non-Psychotic Conditions	300-302, 306-316	4	4.1	1.4	11.8
Nervous System	320-389	8	9.5	4.6	19.8

*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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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
-Disorders of Peripheral NS	350-359	1	1.7	0.2	12.2
Heart/Circulatory	390-459	9	10.3	5.1	20.7
-Hypertensive Disease	401-405	5	6.0	2.4	15.2
-Ischemic Heart Disease	410-414	1	1.9	0.3	13.3
Respiratory	460-519	39	47.6	33.3	67.9
-Chronic Obstructive Diseases	490-496	12	13.9	7.6	25.6
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	13	19.2	10.9	33.6
-Hernias	550-553	1	1.9	0.3	13.3
Genitourinary	580-629	8	13.0	5.7	30.0
-Nephritis, Nephrosis	580-589	0	0	0	0
Miscarriage**	630-677	0	0	0	0
Skin	680-709	3	3.5	1.1	11.5
Musculoskeletal	710-739	35	76.3	50.9	114.4
-Arthropathies	710-719	10	20.7	9.7	44.2
-Dorsopathies	720-724	17	40.1	22.6	71.2
-Rheumatism, Excluding Back	725-729	7	14.6	6.0	35.9
Congenital Anomalies	740-759	0	0	0	0
Unspecified Symptoms	780-799	16	24.8	13.6	45.3
Injury	800-999	12	11.3	6.2	20.6
-Fractures - Skull, Neck, Trunk	800-809	0	0	0	0
-Fractures - Upper Limb	810-819	0	0	0	0
-Fractures - Lower Limb	820-829	2	1.5	0.4	6.0
-Dislocations	830-839	1	1.7	0.2	12.2
-Back Sprains & Strains	846-847	0	0	0	0
-Other Sprains & Strains	840-845, 848	3	2.3	0.7	7.0
-Open Wounds	870-887, 890-897	0	0	0	0
-Burns	940-949	0	0	0	0
-Adverse Reactions to Nonmedical Substances	980-989	1	0.8	0.1	5.4
-Adverse Reactions to External Causes	990-995	1	0.9	0.1	6.4
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		166	240.8	200.1	289.8

*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.

Brookhaven National Laboratory 2005

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/Parasites	001-139	14	3.9	2.2	6.9
Cancer	140-208, 230-234	19	6.2	3.3	11.3
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0
-Digestive Organs	150-159	3	0.8	0.2	2.4
-Respiratory System	160-165	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	3	2.1	0.5	9.4
-Breast	174-175	4	0.8	0.3	2.2
-Genitourinary	179-189	5	1.5	0.6	3.8
-Other & Unspecified Sites	190, 193-199	3	0.8	0.2	2.4
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	1	0.2	0.0	1.4
-Carcinoma in situ	230-234	0	0	0	0
Benign Growths	210-229, 235-239	6	1.8	0.8	4.2
Endocrine/Metabolic	240-279	18	4.4	2.7	7.1
-Other Endocrine Glands	250-259	6	1.3	0.6	2.9
Blood	280-289	1	0.2	0.0	1.4
Mental	290-319	4	1.1	0.4	3.2
-Non-Psychotic Conditions	300-302, 306-316	4	1.1	0.4	3.2
Nervous System	320-389	26	7.4	4.9	11.1
-Disorders of Peripheral NS	350-359	7	2.0	0.9	4.3
Heart/Circulatory	390-459	41	9.9	7.2	13.7
-Hypertensive Disease	401-405	14	3.6	2.0	6.3
-Ischemic Heart Disease	410-414	7	1.6	0.8	3.5
Respiratory	460-519	119	34.8	28.0	43.2
-Chronic Obstructive Diseases	490-496	32	8.8	6.1	12.7
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	60	19.3	14.0	26.6
-Hernias	550-553	17	5.6	2.9	10.8
Genitourinary	580-629	19	6.3	3.5	11.6
-Nephritis, Nephrosis	580-589	0	0	0	0
Miscarriage**	630-677	0	0	0	0
Skin	680-709	8	2.6	1.2	5.4
Musculoskeletal	710-739	152	52.7	41.9	66.3
-Arthropathies	710-719	57	17.8	12.4	25.5
-Dorsopathies	720-724	64	24.1	16.7	34.7
-Rheumatism, Excluding Back	725-729	27	9.9	5.8	16.6
Congenital Anomalies	740-759	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.

Brookhaven National Laboratory 2005

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
Unspecified Symptoms	780-799	77	24.9	18.4	33.8
Injury	800-999	58	15.7	11.5	21.5
-Fractures - Skull, Neck, Trunk	800-809	2	0.4	0.1	1.7
-Fractures - Upper Limb	810-819	6	1.4	0.6	3.2
-Fractures - Lower Limb	820-829	6	2.6	0.8	8.8
-Dislocations	830-839	2	0.7	0.2	3.1
-Back Sprains & Strains	846-847	8	1.9	0.9	3.8
-Other Sprains & Strains	840-845, 848	12	3.0	1.7	5.5
-Open Wounds	870-887, 890-897	5	1.7	0.7	4.3
-Burns	940-949	1	0.2	0.0	1.7
-Adverse Reactions to Nonmedical Substances	980-989	1	0.2	0.0	1.4
-Adverse Reactions to External Causes	990-995	1	0.2	0.0	1.7
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		622	191.2	172.5	212.0

*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.

Brookhaven National Laboratory 2005
OSHA Data

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

Job Category	Women					Men				TOTAL
	Age Group				TOTAL	Age Group			TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Professional	0	0	0	1	1	1	1	1	3	4
Administrative Support	0	1	1	2	4	0	1	1	2	6
Technical Support	1	1	1	0	3	0	3	1	4	7
Service	0	1	0	0	1	2	5	4	11	12
Security and Fire	0	0	1	0	1	1	1	1	3	4
Crafts	0	0	0	0	0	0	6	3	9	9
TOTAL	1	3	3	3	10	4	17	11	32	42

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

Appendix M. Total Number of Workdays Lost or with Restricted Activity from OSHA Events by Gender and Age

Age Group	Women			Men			TOTAL		
	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost
16 - 29	1	48	17	0	0	0	1	48	17
30 - 39	3	62	37	4	3	8	7	65	45
40 - 49	3	0	0	17	278	154	20	278	154
50 +	3	85	100	11	56	142	14	141	242
TOTAL	10	195	154	32	337	304	42	532	458

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	0	0	3	22	2	4	22	2
Administrative Support	4	85	100	2	0	0	6	85	100
Technical Support	3	48	52	4	0	0	7	48	52
Service	1	62	2	11	144	141	12	206	143
Security and Fire	1	0	0	3	106	63	4	106	63
Crafts	0	0	0	9	65	98	9	65	98
Total	10	195	154	32	337	304	42	532	458

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

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OSHA Data

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

		Women					Men				TOTAL
		Age Group				TOTAL	Age Group			TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code										
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	0	0	0	2	1	3	3
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	1	0	1	1
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	1	1	2	2
DIGESTIVE SYSTEM	520-579	0	0	0	0	0	0	0	2	2	2
-Hernia	550-553	0	0	0	0	0	0	0	2	2	2
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	3	3	3	2	11	0	8	5	13	24
-Arthropathies	710-719	0	2	1	2	5	0	5	2	7	12
-Dorsopathies	720-724	2	0	2	0	4	0	3	1	4	8
-Rheumatism, Excluding Back	725-729	1	1	0	0	2	0	0	2	2	4
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	1	0	1	0	1	1	2	3
-Symptoms	780-789	0	0	1	0	1	0	1	1	2	3
INJURY & POISONING	800-999	0	2	5	3	10	4	16	6	26	36
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	1	1	2	2
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	1	1	1
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	3	1	4	4
-Sprains & Strains - Other	840-845, 848	0	2	0	1	3	0	3	0	3	6
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	1	1	1	3	3
-Open Wound - Upper Limb	880-887	0	0	0	1	1	2	1	1	4	5
-Superficial Injury	910-919	0	0	2	0	2	0	1	1	2	4
-Contusion	920-924	0	0	0	0	0	0	2	0	2	2
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	2	0	2	2
-Complications & Unspecified Injuries	958-959	0	0	2	1	3	1	2	0	3	6
-Toxic Effects - Non-medicinal	980-989	0	0	1	0	1	0	0	0	0	1

Diagnostic Category	Women					Men				TOTAL
	Age Group				TOTAL	Age Group			TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Total	3	5	9	5	22	4	27	15	46	68

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

Brookhaven National Laboratory 2005

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								
-Arthropathies	710-719	0	0	62	2	0	0	85	9
-Dorsopathies	720-724	48	17	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	48	17	62	2	0	0	0	0
-Symptoms	780-789	0	0	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	62	37	0	0	0	91
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0	0	91
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	0	0	0

		Men					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Peripheral NS	350-359	0	0	54	37	0	0
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0
-Hernia	550-553	0	0	0	0	0	48
-Arthropathies	710-719	0	0	93	50	0	63
-Dorsopathies	720-724	0	0	33	13	56	29
-Rheumatism, Excluding Back	725-729	0	0	0	0	56	29
-Symptoms	780-789	0	0	54	37	0	48
-Fracture - Upper Limb	810-819	0	0	10	6	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	63
-Sprains & Strains - Back	846-847	0	0	22	0	56	29
-Sprains & Strains - Other	840-845, 848	0	0	57	35	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	8	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	2
-Contusion	920-924	0	0	10	1	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	3	0	96	63	0	0

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

Brookhaven National Laboratory 2005
OSHA Data

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

		Women					Men				TOTAL
		Age Group					Age Group				
		16 - 29	30 - 39	40 - 49	50 +	TOTAL	30 - 39	40 - 49	50 +	TOTAL	
Type of Accident	E Codes										
Falls	E880-E888	0	1	1	1	3	1	1	0	2	5
Natural/Environmental Factors	E900-E909	0	0	1	0	1	0	0	1	1	2
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0	2	0	2	2
Other Accidents	E916-E928	1	2	1	1	5	3	13	6	22	27

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

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Falls	E880-E888	0	0	0	35	0	0	0	91
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	48	17	62	2	0	0	0	0

		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	8	0	0	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	2
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0
Other Accidents	E916-E928	3	0	224	117	56	77

*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.

Brookhaven National Laboratory 2005

OSHA Data

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

		Women					
		Job Category					TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	
Diagnostic Category	ICD-9-CM Code						
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	5	4	2	0	11
-Arthropathies	710-719	0	3	1	1	0	5
-Dorsopathies	720-724	0	2	2	0	0	4
-Rheumatism, Excluding Back	725-729	0	0	1	1	0	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	1	0	0	0	1
-Symptoms	780-789	0	1	0	0	0	1
INJURY & POISONING	800-999	1	3	4	1	1	10
-Sprains & Strains - Other	840-845, 848	0	1	1	1	0	3
-Open Wound - Upper Limb	880-887	1	0	0	0	0	1
-Superficial Injury	910-919	0	0	2	0	0	2
-Complications & Unspecified Injuries	958-959	0	2	1	0	0	3
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	1	1

Diagnostic Category	Women					
	Job Category					TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	
Total	1	9	8	3	1	22

		Men						
		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	0	1	0	2	3
-Disorders of Peripheral NS	350-359	0	0	0	0	0	1	1
-Dis of Ear & Mastoid	380-389	0	0	0	1	0	1	2
DIGESTIVE SYSTEM	520-579	0	0	0	0	0	2	2
-Hernia	550-553	0	0	0	0	0	2	2
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	0	3	3	2	4	13

(Continued)

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

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OSHA Data

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

Diagnostic Category		Men						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
	ICD-9-CM Code							
-Arthropathies	710-719	0	0	1	3	0	3	7
-Dorsopathies	720-724	1	0	1	0	1	1	4
-Rheumatism, Excluding Back	725-729	0	0	1	0	1	0	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	0	0	2	2
-Symptoms	780-789	0	0	0	0	0	2	2
INJURY & POISONING	800-999	4	2	3	10	3	4	26
-Fracture - Upper Limb	810-819	0	0	0	2	0	0	2
-Fracture - Lower Limb	820-829	0	0	0	1	0	0	1
-Sprains & Strains - Back	846-847	2	0	1	0	1	0	4
-Sprains & Strains - Other	840-845, 848	0	0	0	2	1	0	3
-Open Wound - Head, Neck, Trunk	870-879	0	2	0	1	0	0	3
-Open Wound - Upper Limb	880-887	1	0	0	2	0	1	4
-Superficial Injury	910-919	1	0	1	0	0	0	2
-Contusion	920-924	0	0	1	1	0	0	2
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	2	2
-Complications & Unspecified Injuries	958-959	0	0	0	1	1	1	3

Diagnostic Category	Men						
	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Total	5	2	6	14	5	14	46

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

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OSHA Data

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

		Women					
		Job Category					
		Professional		Administrative Support		Technical Support	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Arthropathies	710-719	0	0	85	9	0	0
-Dorsopathies	720-724	0	0	0	0	48	17
-Rheumatism, Excluding Back	725-729	0	0	0	0	48	17
-Symptoms	780-789	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	91	0	35
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	91	0	0
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	0

		Women			
		Job Category			
		Service		Security and Fire	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes				
-Arthropathies	710-719	62	2	0	0
-Dorsopathies	720-724	0	0	0	0
-Rheumatism, Excluding Back	725-729	62	2	0	0
-Symptoms	780-789	0	0	0	0
-Sprains & Strains - Other	840-845, 848	62	2	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0
-Superficial Injury	910-919	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0
-Toxic Effects - Non-medicinal	980-989	0	0	0	0

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

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OSHA Data

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

		Men					
		Job Category					
		Professional		Administrative Support		Technical Support	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-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	0	0	0	0	0	0
-Dorsopathies	720-724	22	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0
-Symptoms	780-789	0	0	0	0	0	0
-Fracture - 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	22	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Superficial Injury	910-919	0	2	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0

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

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OSHA Data

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

		Men					
		Job Category					
		Service		Security and Fire		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Peripheral NS	350-359	0	0	0	0	54	37
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0
-Hernia	550-553	0	0	0	0	0	48
-Arthropathies	710-719	28	63	0	0	65	50
-Dorsopathies	720-724	0	0	56	29	11	13
-Rheumatism, Excluding Back	725-729	0	0	56	29	0	0
-Symptoms	780-789	0	0	0	0	54	85
-Fracture - Upper Limb	810-819	10	6	0	0	0	0
-Fracture - Lower Limb	820-829	0	63	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	56	29	0	0
-Sprains & Strains - Other	840-845, 848	10	1	47	34	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	8	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0
-Contusion	920-924	10	1	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	96	63	3	0	0	0

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

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OSHA Data

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

		Women					
		Job Category					TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	
Type of Accident	E CODES						
Falls	E880-E888	0	1	2	0	0	3
Natural/Environmental Factors	E900-E909	0	0	0	0	1	1
Other Accidents	E916-E928	1	2	1	1	0	5

		Men						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Type of Accident	E CODES							
Falls	E880-E888	0	0	0	1	0	1	2
Natural/Environmental Factors	E900-E909	1	0	0	0	0	0	1
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	2	2
Other Accidents	E916-E928	2	2	3	8	3	4	22

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

Brookhaven National Laboratory 2005

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		Security and Fire	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes										
Falls	E880-E888	0	0	0	91	0	35	0	0	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	0	0	48	17	62	2	0	0

		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						
Falls	E880-E888	0	0	0	0	0	0
Natural/Environmental Factors	E900-E909	0	2	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0
Other Accidents	E916-E928	22	0	0	0	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						
Falls	E880-E888	0	8	0	0	0	0
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	144	70	106	63	11	61

*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 2005

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/Parasites	001-139	0	0	0	0
Cancer	140-208, 230-234	0	0	0	0
Benign Growths	210-229, 235-239	0	0	0	0
Endocrine/Metabolic	240-279	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	0	0	0	0
Nervous System	320-389	3	0.9	0.3	2.8
-Disorders of Peripheral NS	350-359	1	0.3	0.0	2.3
-Disorders of Eye	360-379	0	0	0	0
-Disorders of Ear & Mastoid	380-389	2	0.6	0.1	2.3
Heart/Circulatory	390-459	0	0	0	0
Respiratory	460-519	0	0	0	0
-Chronic Obstructive Diseases	490-496	0	0	0	0
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	2	0.5	0.1	2.0
-Hernias	550-553	2	0.5	0.1	2.0
Genitourinary	580-629	0	0	0	0
Skin	680-709	0	0	0	0
Musculoskeletal	710-739	13	4.0	2.3	6.9
-Arthropathies	710-719	7	2.2	1.1	4.7
-Dorsopathies	720-724	4	1.2	0.5	3.2
-Rheumatism, Excluding Back	725-729	2	0.5	0.1	2.0
Unspecified Symptoms	780-799	2	0.6	0.1	2.3
Injury	800-999	26	9.4	6.2	14.1
-Fractures - Skull, Neck, Trunk	800-809	0	0	0	0
-Fractures - Upper Limb	810-819	2	0.6	0.1	2.3
-Fractures - Lower Limb	820-829	1	0.3	0.0	1.8
-Dislocations	830-839	0	0	0	0
-Back Sprains & Strains	846-847	4	1.2	0.5	3.2
-Other Sprains & Strains	840-845, 848	3	1.0	0.3	3.0
-Open Wounds - Head, Neck, Trunk	870-879	3	1.3	0.4	4.3
-Open Wounds - Upper Limb	880-887	4	1.9	0.7	5.6
-Open Wounds - Lower Limb	890-897	0	0	0	0
-Superficial Injuries	910-919	2	0.6	0.1	2.3
-Bruises	920-924	2	0.6	0.2	2.6
-Foreign Bodies Entering Orifice	930-939	2	0.6	0.2	2.6
-Burns	940-949	0	0	0	0

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

Brookhaven National Laboratory 2005

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
-Adverse Reactions to Nonmedical Substances or External Causes	980-995	0	0	0	0
-All Other Injuries	850-854, 860-869, 900-909, 925-929, 950-979, 996-999	3	1.3	0.4	4.4
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		46	15.3	11.3	20.8

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/Parasites	001-139	0	0	0	0
Cancer	140-208, 230-234	0	0	0	0
Benign Growths	210-229, 235-239	0	0	0	0
Endocrine/Metabolic	240-279	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	0	0	0	0
Nervous System	320-389	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0
-Disorders of Eye	360-379	0	0	0	0
-Disorders of Ear & Mastoid	380-389	0	0	0	0
Heart/Circulatory	390-459	0	0	0	0
Respiratory	460-519	0	0	0	0
-Chronic Obstructive Diseases	490-496	0	0	0	0
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
Genitourinary	580-629	0	0	0	0
Skin	680-709	0	0	0	0
Musculoskeletal	710-739	11	22.1	10.7	45.6
-Arthropathies	710-719	5	5.8	2.3	14.9
-Dorsopathies	720-724	4	10.3	3.2	33.2
-Rheumatism, Excluding Back	725-729	2	6.0	1.3	26.9
Unspecified Symptoms	780-799	1	0.9	0.1	6.4
Injury	800-999	10	10.2	5.3	19.6
-Fractures - Skull, Neck, Trunk	800-809	0	0	0	0
-Fractures - Upper Limb	810-819	0	0	0	0
-Fractures - Lower Limb	820-829	0	0	0	0
-Dislocations	830-839	0	0	0	0

*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

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
-Back Sprains & Strains	846-847	0	0	0	0
-Other Sprains & Strains	840-845, 848	3	4.2	1.3	13.7
-Open Wounds - Head, Neck, Trunk	870-879	0	0	0	0
-Open Wounds - Upper Limb	880-887	1	0.8	0.1	5.4
-Open Wounds - Lower Limb	890-897	0	0	0	0
-Superficial Injuries	910-919	2	1.8	0.5	7.2
-Bruises	920-924	0	0	0	0
-Foreign Bodies Entering Orifice	930-939	0	0	0	0
-Burns	940-949	0	0	0	0
-Adverse Reactions to Nonmedical Substances or External Causes	980-995	1	0.9	0.1	6.4
-All Other Injuries	850-854, 860-869, 900-909, 925-929, 950-979, 996-999	3	2.6	0.8	7.9
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		22	33.2	19.6	56.1

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/Parasites	001-139	0	0	0	0
Cancer	140-208, 230-234	0	0	0	0
Benign Growths	210-229, 235-239	0	0	0	0
Endocrine/Metabolic	240-279	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	0	0	0	0
Nervous System	320-389	3	0.7	0.2	2.1
-Disorders of Peripheral NS	350-359	1	0.2	0.0	1.7
-Disorders of Eye	360-379	0	0	0	0
-Disorders of Ear & Mastoid	380-389	2	0.4	0.1	1.7
Heart/Circulatory	390-459	0	0	0	0
Respiratory	460-519	0	0	0	0
-Chronic Obstructive Diseases	490-496	0	0	0	0
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	2	0.4	0.1	1.5
-Hernias	550-553	2	0.4	0.1	1.5
Genitourinary	580-629	0	0	0	0
Skin	680-709	0	0	0	0
Musculoskeletal	710-739	24	10.2	5.8	18.1

*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

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
-Arthropathies	710-719	12	3.3	1.8	6.0
-Dorsopathies	720-724	8	4.5	1.7	12.1
-Rheumatism, Excluding Back	725-729	4	2.4	0.6	9.2
Unspecified Symptoms	780-799	3	0.7	0.2	2.1
Injury	800-999	36	9.6	6.8	13.6
-Fractures - Skull, Neck, Trunk	800-809	0	0	0	0
-Fractures - Upper Limb	810-819	2	0.4	0.1	1.7
-Fractures - Lower Limb	820-829	1	0.2	0.0	1.4
-Dislocations	830-839	0	0	0	0
-Back Sprains & Strains	846-847	4	0.9	0.3	2.4
-Other Sprains & Strains	840-845, 848	6	1.9	0.8	4.4
-Open Wounds - Head, Neck, Trunk	870-879	3	0.9	0.3	3.1
-Open Wounds - Upper Limb	880-887	5	1.6	0.6	4.1
-Open Wounds - Lower Limb	890-897	0	0	0	0
-Superficial Injuries	910-919	4	0.9	0.3	2.4
-Bruises	920-924	2	0.5	0.1	1.9
-Foreign Bodies Entering Orifice	930-939	2	0.5	0.1	1.9
-Burns	940-949	0	0	0	0
-Adverse Reactions to Nonmedical Substances or External Causes	980-995	1	0.2	0.0	1.7
-All Other Injuries	850-854, 860-869, 900-909, 925-929, 950-979, 996-999	6	1.6	0.7	3.8
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		68	21.5	15.6	29.6

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