

2005

East Tennessee Technology Park Annual Illness and Injury Surveillance Report



East Tennessee Technology Park 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:

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



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The East Tennessee Technology Park Work Force - 2005

Figure 1. The Work Force by Gender and Age

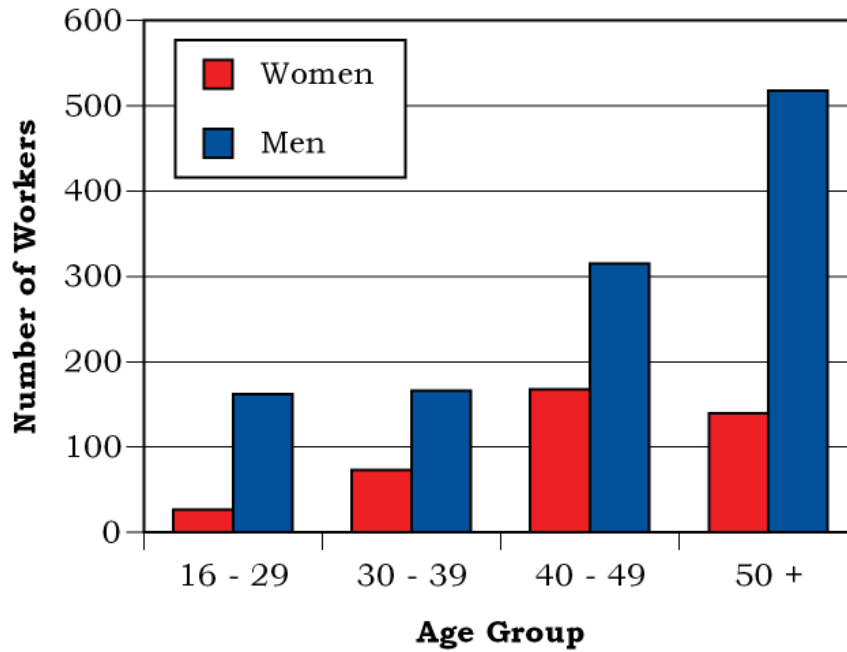


Figure 2. The Work Force by Gender and Job Category

Job Category	Women	Men
Professional	121 30%	534 46%
Administrative Support	170 42%	71 6%
Technical Support	8 2%	11 1%
Service	100 24%	287 25%
Security and Fire	1 <1%	46 4%
Crafts	5 1%	153 13%
Line Operators	3 1%	59 5%
Total	408 100%	1,161 100%

Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

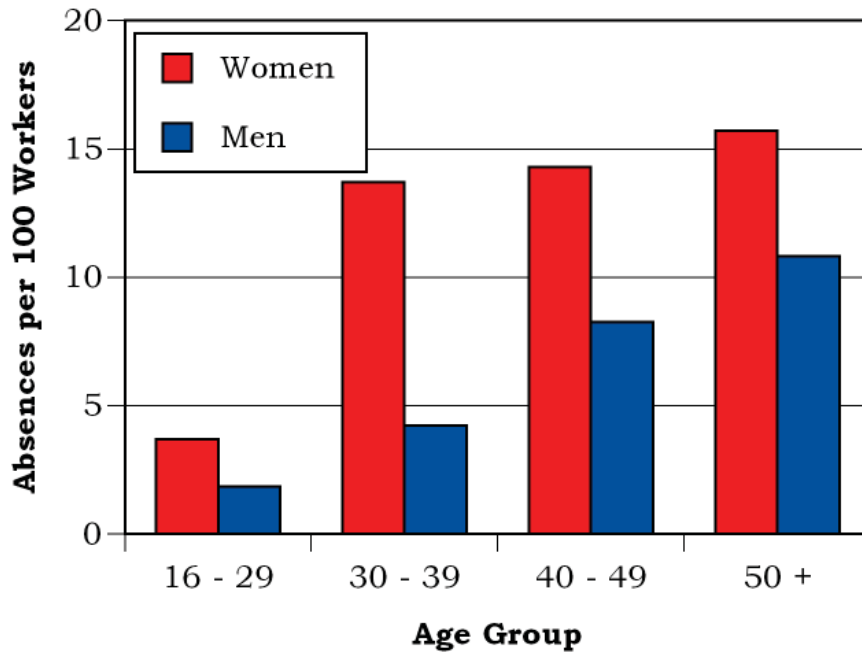


Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women	16-29	1	53	53
	30-39	10	235	24
	40-49	24	839	35
	50+	22	855	39
	Total	57	1,982	35
Men	16-29	3	100	33
	30-39	7	88	13
	40-49	26	866	33
	50+	56	2,397	43
	Total	92	3,451	38

Figure 5. Absence Rate by Job Category and Gender

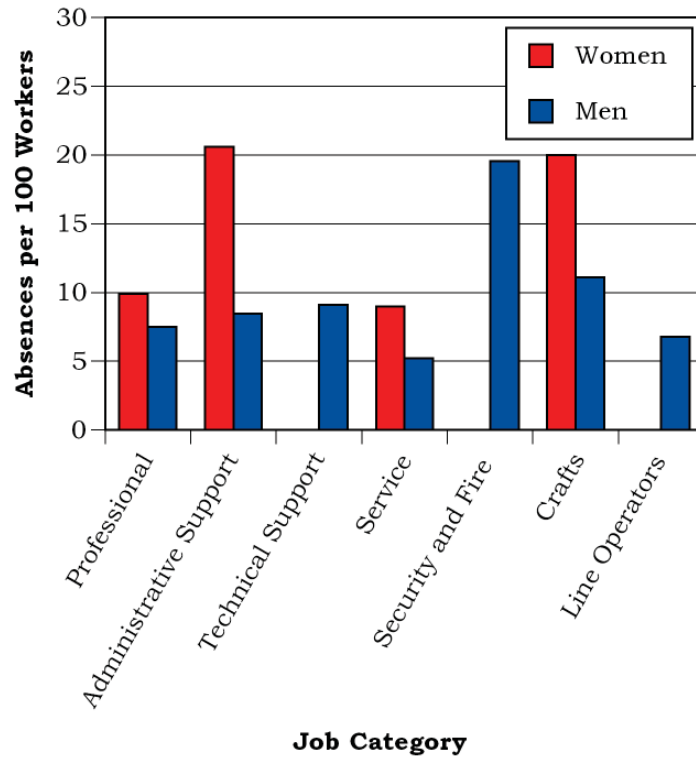
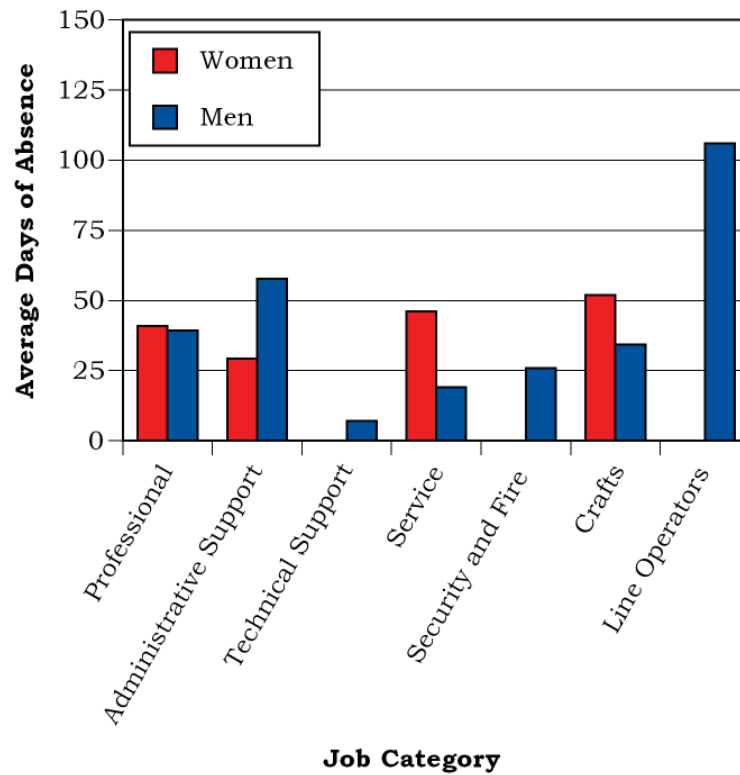


Figure 6. Average Duration of Absence by Job Category and Gender



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	1	55	1	2
Blood	0	0	0	0
Cancer	1	28	3	113
Digestive	6	82	14	624
Endocrine/Metabolic	2	39	1	55
Existing Birth Condition	0	0	0	0
Genitourinary	6	128	4	34
Heart/Circulatory	7	190	10	435
Infections/Parasites	1	20	5	91
Injury	10	541	12	489
Miscarriage	0	0	NA	NA
Musculoskeletal	8	339	19	973
Nervous System	2	56	5	140
Psychological	3	208	2	184
Respiratory	8	270	11	100
Skin	1	13	3	35
Unspecified Symptoms	1	13	3	198

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

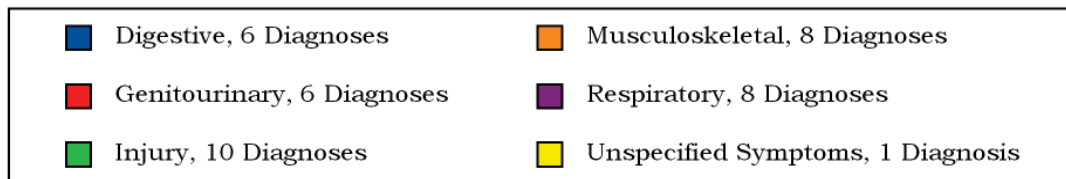
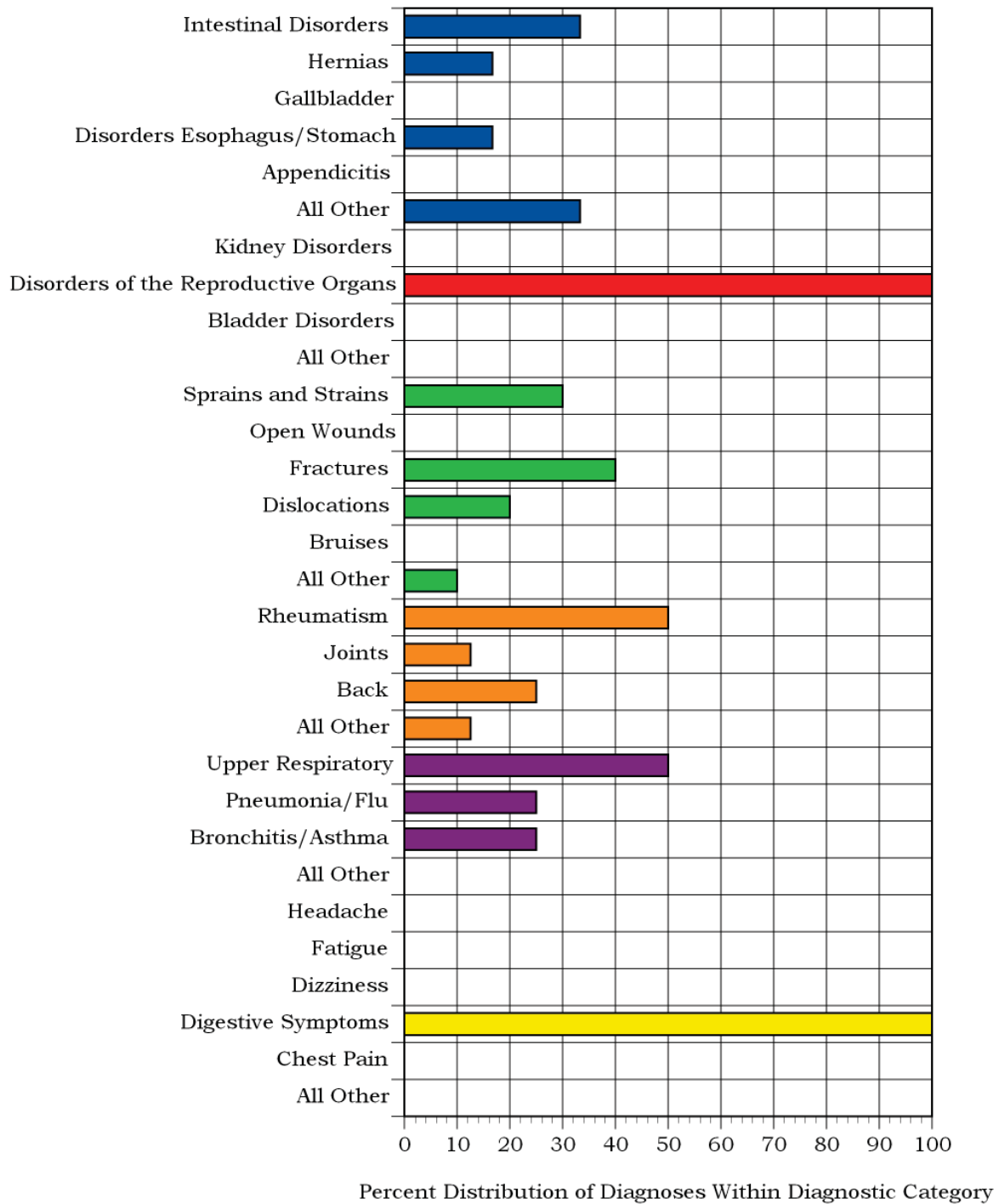
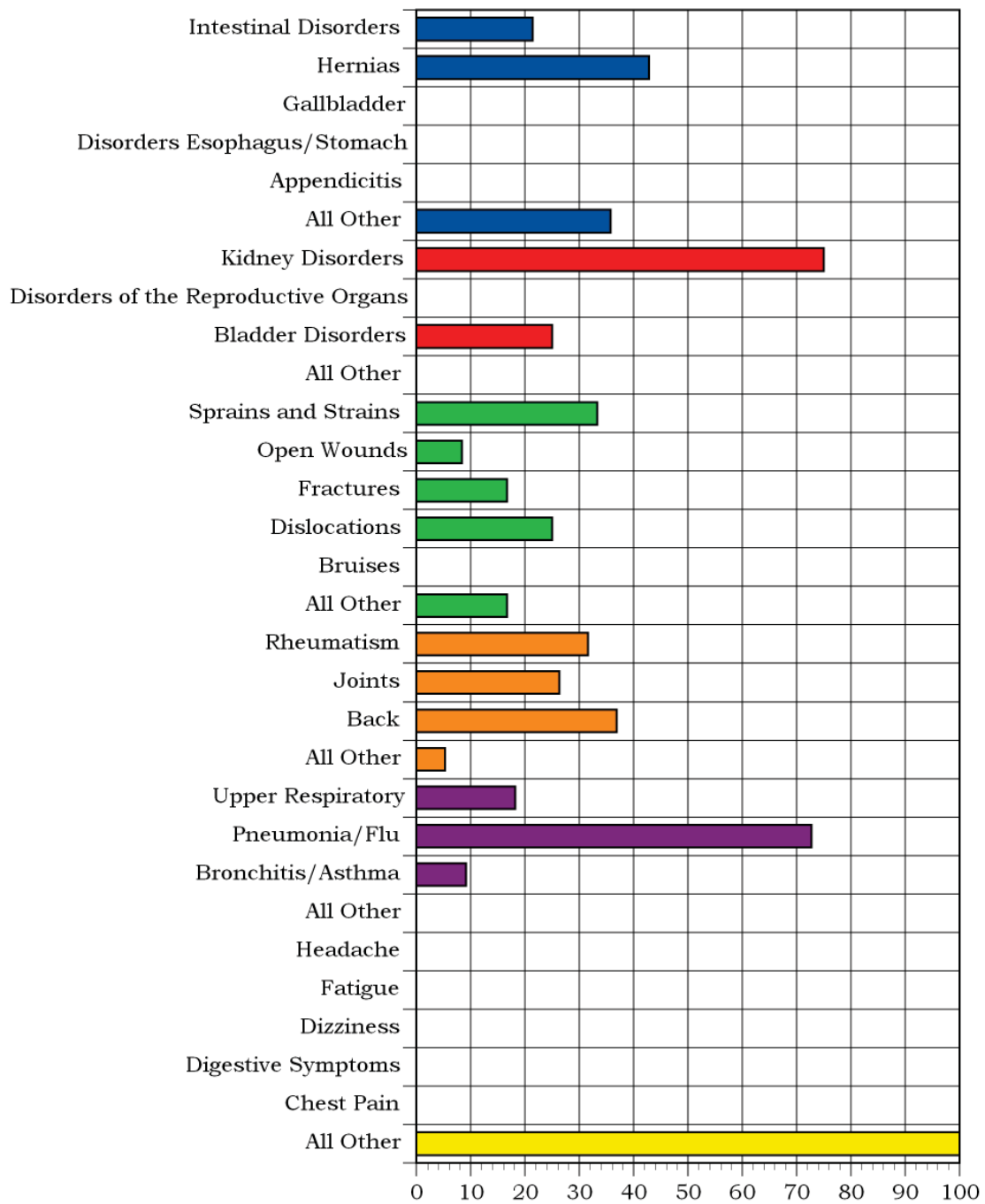


Figure 9. Common Diagnoses Among Male Workers in 2005



Percent Distribution of Diagnoses Within Diagnostic Category



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

Job Category	Men		Women	
Professional	Musculoskeletal	8	Heart/Circulatory	4
	Digestive	6	Musculoskeletal	3
	Heart/Circulatory	6	Digestive	2
Administrative Support	Digestive	3	Respiratory	7
	Infections/Parasites	2	Injury	5
	Musculoskeletal	1	Musculoskeletal	5
Technical Support	Respiratory	1		0
Service	Digestive	3	Injury	3
	Injury	3	Benign Growths	1
	Musculoskeletal	3	Genitourinary	1
			Infections/Parasites	1
			Nervous System	1
			Respiratory	1
			Skin	1
Security and Fire	Musculoskeletal	3		0
	Respiratory	2		
	Benign Growths	1		
	Digestive	1		
	Heart/Circulatory	1		
	Injury	1		
Crafts	Respiratory	4	Injury	1
	Heart/Circulatory	3		
	Injury	3		
Line Operators	Musculoskeletal	2		0
	Genitourinary	1		
	Injury	1		

Rates of Disease Occurrence

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

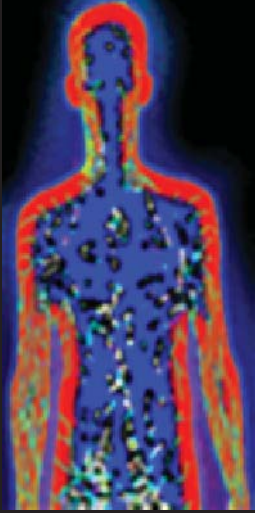
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	52	84
		50+	93	132
	Administrative Support	<50	31	229
		50+	128	169
	Technical Support	<50	0	0
		50+	250	0
	Service	<50	41	43
		50+	92	194
	Security and Fire	<50	194	0
		50+	200	0
	Crafts	<50	77	250
		50+	160	0
	Line Operators	<50	56	0
		50+	87	0

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

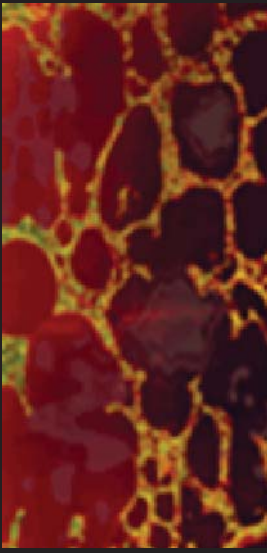
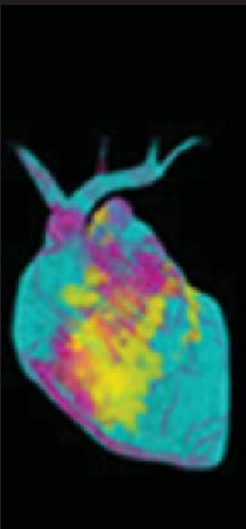
Cancer	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	7	0
	Administrative Support	<50	0	0
		50+	0	15
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	15	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0

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	24
		50+	20	53
	Administrative Support	<50	0	29
		50+	0	0
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	0	0
	Security and Fire	<50	0	0
		50+	100	0
	Crafts	<50	13	0
		50+	27	0
	Line Operators	<50	0	0
		50+	0	0



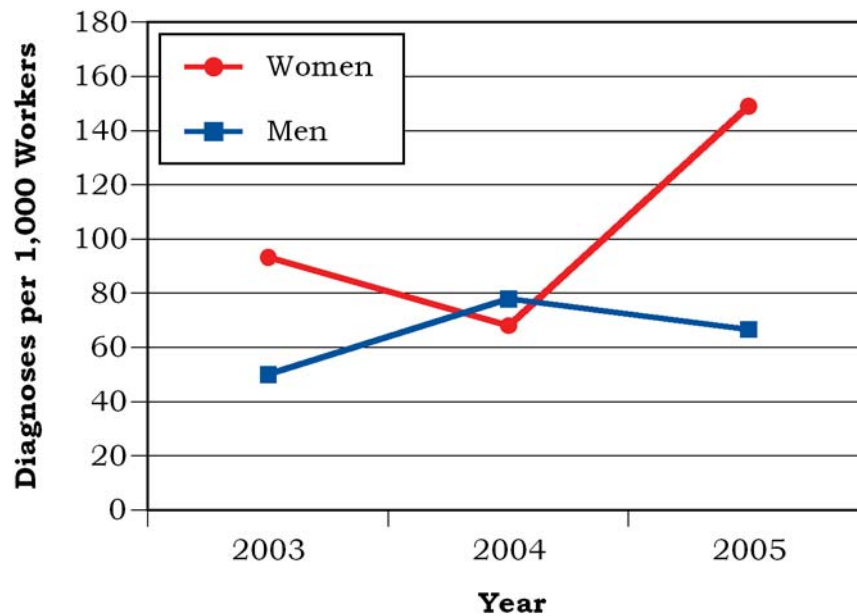
Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	4	0
		50+	3	0
	Administrative Support	<50	0	38
		50+	0	46
	Technical Support	<50	0	0
		50+	250	0
	Service	<50	5	0
		50+	15	32
	Security and Fire	<50	56	0
		50+	0	0
	Crafts	<50	0	0
		50+	53	0
	Line Operators	<50	0	0
		50+	0	0

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	13	0
		50+	3	26
	Administrative Support	<50	0	38
		50+	0	15
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	9	14
		50+	15	65
	Security and Fire	<50	28	0
		50+	0	0
	Crafts	<50	13	250
		50+	27	0
Line Operators	<50	28	0	
	50+	0	0	

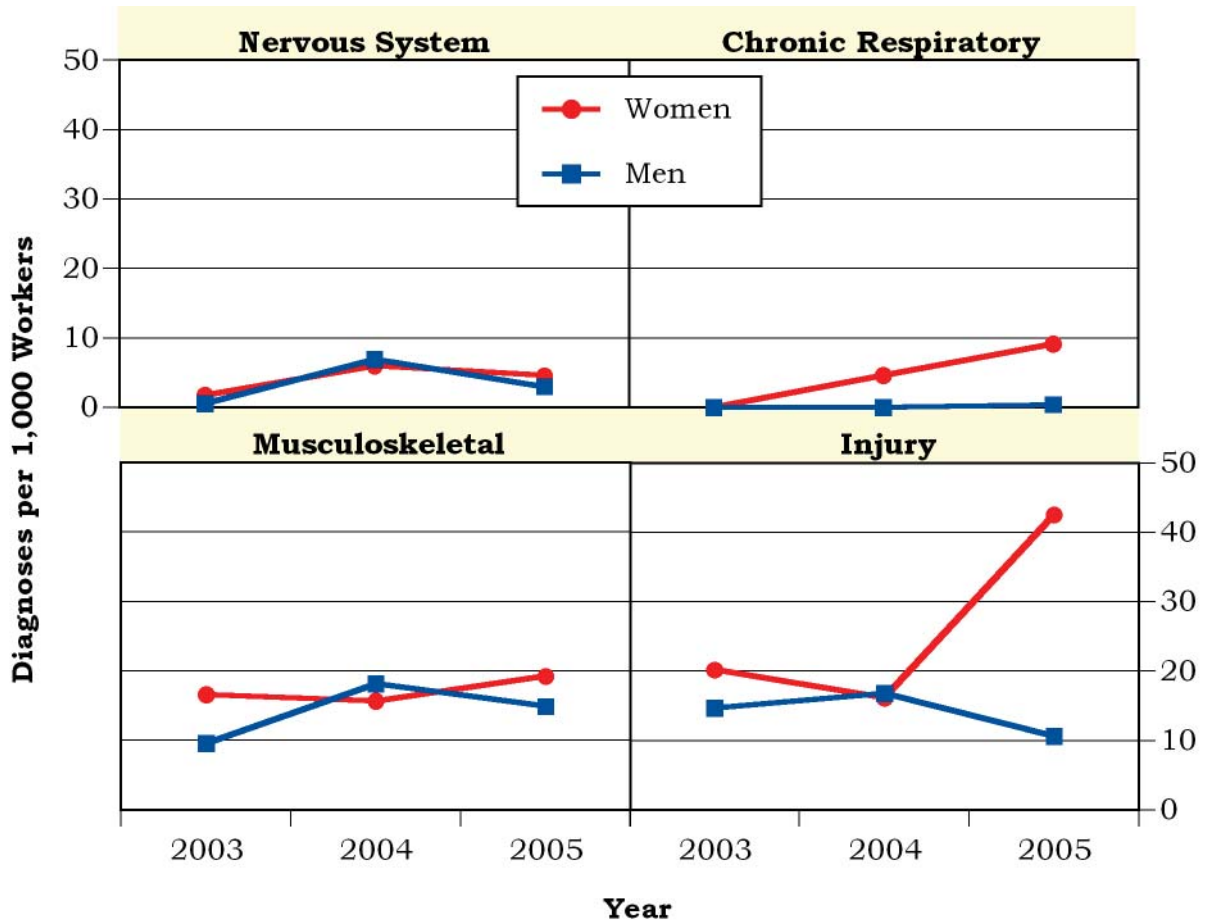
Time Trends

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



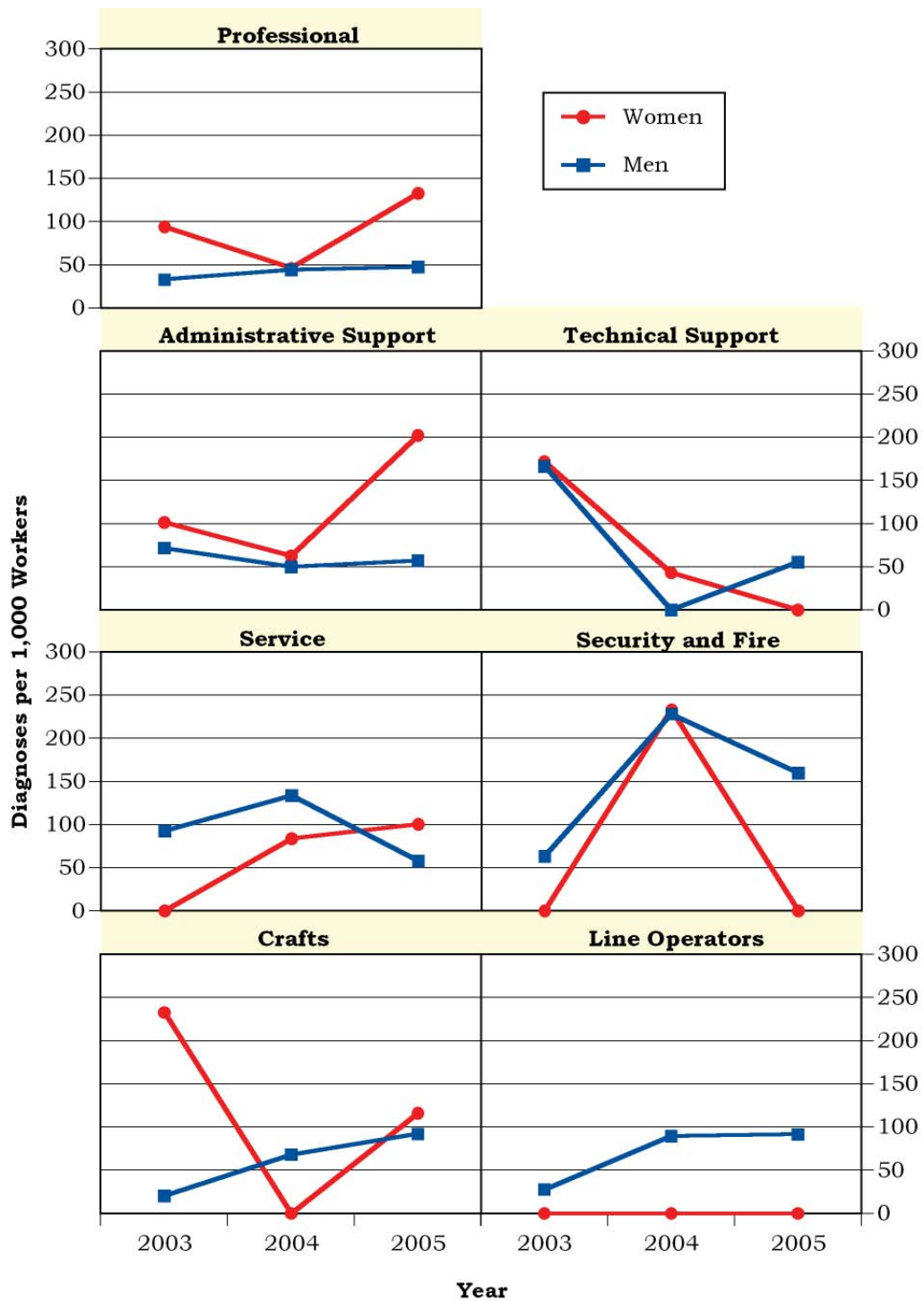
* Standardized to age distribution of 2000 U.S. population.

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	0	0	0	0
Possible	4	0	147	0
Total	4	0	147	0

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 17. OSHA-Recordable Events by Gender and Age

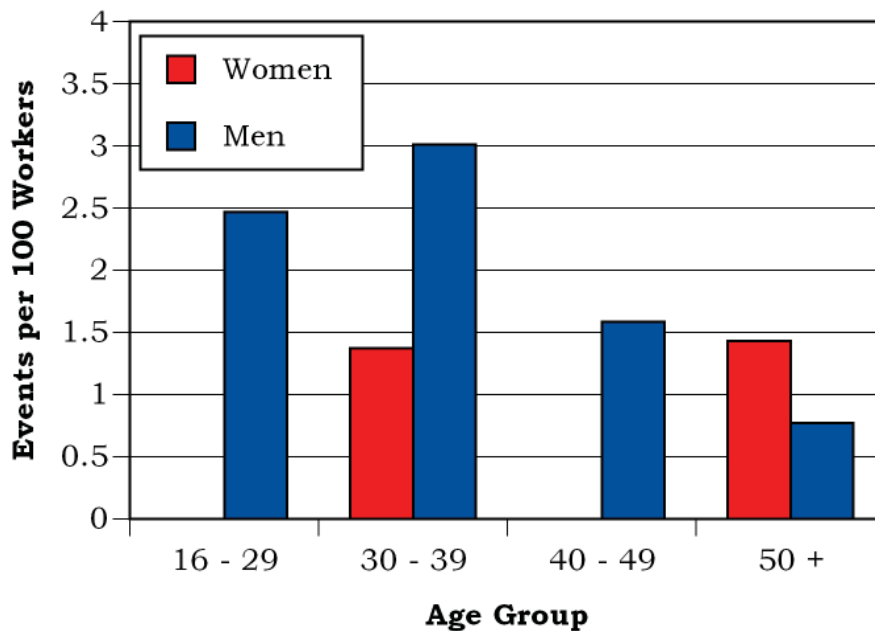
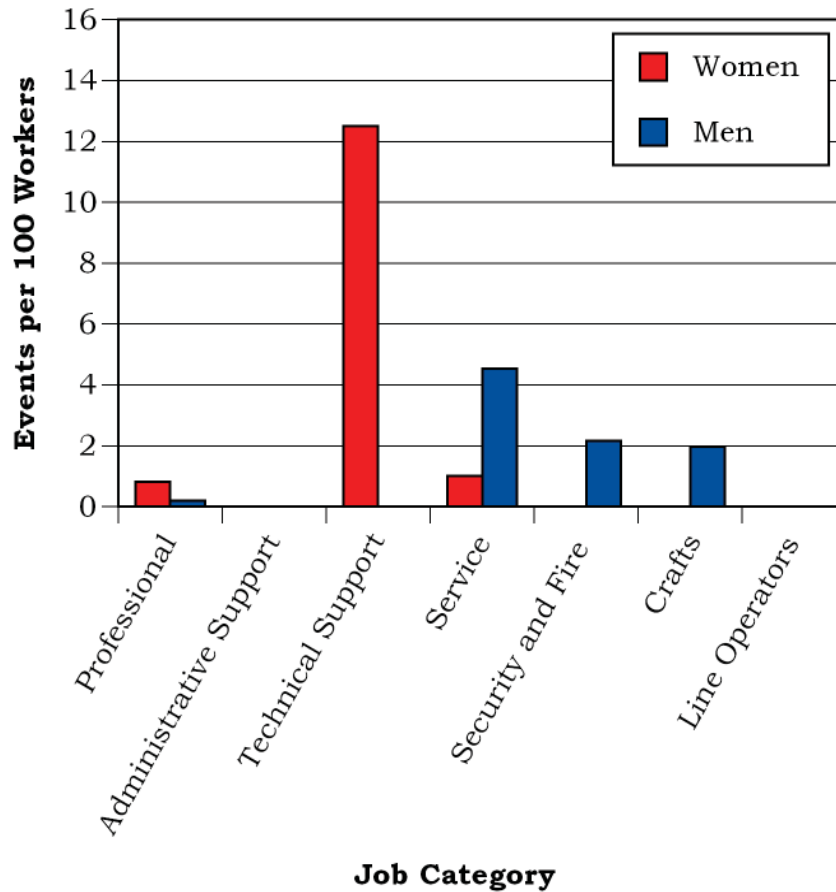


Figure 18. OSHA-Recordable Events by Job Category and Gender



Diagnostic and Accident Categories for OSHA-Recordable Events

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

Diagnostic Category	Gender	
	Women	Men
Musculoskeletal	1	5
Unspecified Symptoms	0	2
Injury	2	14
Fractures – Skull	0	1
Fractures – Lower Limb	1	1
Dislocations	0	1
Back Sprains & Strains	0	3
Other Sprains & Strains	1	3
Open Wounds – Head, Neck, Trunk	0	3
Open Wounds – Upper Limb	0	2

Figure 20. OSHA-Recordable Accidents by Type and Gender

Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Falls	1	1
Other Accidents	1	9
Struck by an Object	0	1
Cutting/Piercing Instrument/Object	0	1
Overexertion/Strenuous Movements	1	7
Total	2	10

Rates of OSHA-Recordable Events

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

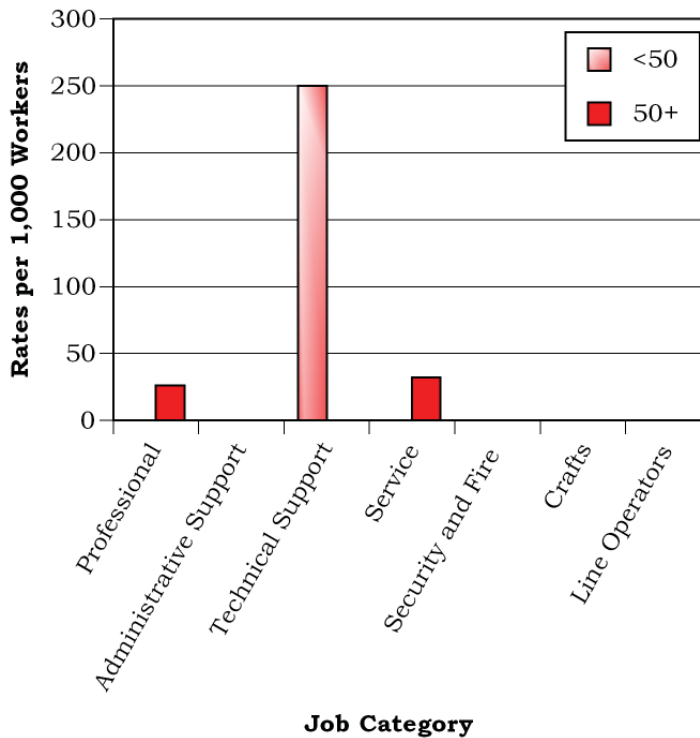
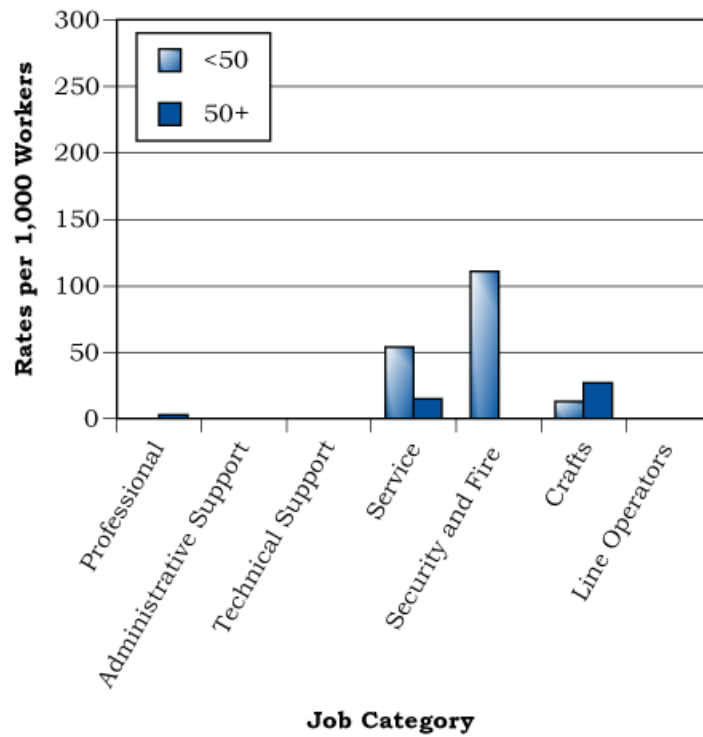
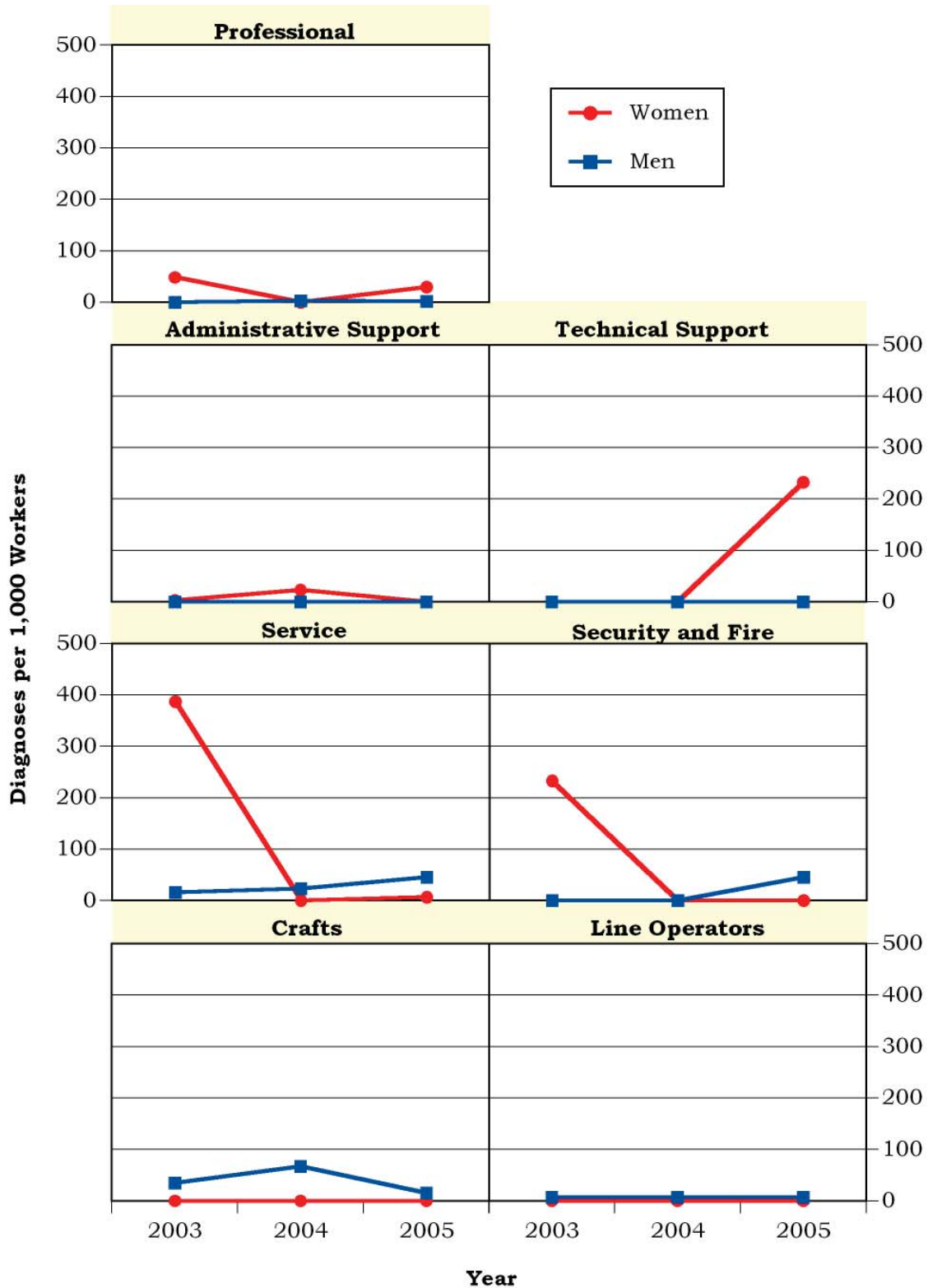


Figure 22. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined



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

East Tennessee Technology Park 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	5	23	55	38	121	12	50	170	302	534	655
Administrative Support	6	23	76	65	170	7	5	20	39	71	241
Technical Support	0	1	3	4	8	1	2	4	4	11	19
Service	15	23	31	31	100	111	52	59	65	287	387
Security and Fire	0	1	0	0	1	5	21	10	10	46	47
Crafts	1	1	2	1	5	21	24	33	75	153	158
Line Operators	0	1	1	1	3	5	12	19	23	59	62
TOTAL	27	73	168	140	408	162	166	315	518	1,161	1,569

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 +
1999	5.50	27.02	43.53	23.95	2.10	15.08	39.76	43.06
2000	3.29	23.04	45.57	28.10	1.16	13.53	38.27	47.04
2001	3.19	22.36	43.13	31.31	1.39	11.44	33.69	53.48
2002	4.09	20.75	42.14	33.02	3.97	11.15	30.69	54.20
2003	4.69	19.06	42.19	34.06	3.24	10.96	33.02	52.78
2004	4.88	19.54	40.36	35.22	11.00	13.87	27.34	47.79
2005	6.62	17.89	41.18	34.31	13.95	14.30	27.13	44.62

East Tennessee Technology Park 2005

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	1	6	4	11	0	1	10	24	35	46
Administrative Support	0	7	14	9	30	0	0	1	5	6	36
Technical Support	0	0	0	0	0	0	0	0	1	1	1
Service	1	1	1	6	9	2	1	4	6	13	22
Security and Fire	0	0	0	0	0	0	3	3	2	8	8
Crafts	0	0	1	0	1	0	2	3	11	16	17
Line Operators	0	0	0	0	0	1	0	1	2	4	4
TOTAL	1	9	22	19	51	3	7	22	51	83	134

*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	1	6	5	12	0	1	11	28	40	52
Administrative Support	0	8	16	11	35	0	0	1	5	6	41
Technical Support	0	0	0	0	0	0	0	0	1	1	1
Service	1	1	1	6	9	2	1	6	6	15	24
Security and Fire	0	0	0	0	0	0	3	4	2	9	9
Crafts	0	0	1	0	1	0	2	3	12	17	18
Line Operators	0	0	0	0	0	1	0	1	2	4	4
TOTAL	1	10	24	22	57	3	7	26	56	92	149

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

East Tennessee Technology Park 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	0	5	9	7	21	1	4	12	23	40	61
15 - 28	0	1	7	5	13	1	3	5	10	19	32
29 - 42	0	3	3	2	8	0	0	3	5	8	16
43 - 56	1	1	2	4	8	0	0	1	5	6	14
57 - 91	0	0	1	3	4	1	0	2	5	8	12
92 - 182	0	0	2	1	3	0	0	3	7	10	13
183 +	0	0	0	0	0	0	0	0	1	1	1
TOTAL	1	10	24	22	57	3	7	26	56	92	149

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

East Tennessee Technology Park 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	Line Operators	
< 15	4	14	0	3	0	0	0	21
15 - 28	3	9	0	1	0	0	0	13
29 - 42	2	5	0	1	0	0	0	8
43 - 56	0	4	0	3	0	1	0	8
57 - 91	2	2	0	0	0	0	0	4
92 - 182	1	1	0	1	0	0	0	3
183 +	0	0	0	0	0	0	0	0
TOTAL	12	35	0	9	0	1	0	57

Men

# of Calendar Days	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
< 15	16	2	1	9	6	5	1	40
15 - 28	8	0	0	3	1	7	0	19
29 - 42	5	1	0	1	0	1	0	8
43 - 56	3	1	0	1	0	1	0	6
57 - 91	2	1	0	1	1	2	1	8
92 - 182	6	0	0	0	1	1	2	10
183 +	0	1	0	0	0	0	0	1
TOTAL	40	6	1	15	9	17	4	92

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

East Tennessee Technology Park 2005

Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	1	1
-Other Bacterial Dis	030-041	0	0	0	0	0
-Viral Dis with Exanthem	050-057	0	0	0	1	1
-Other Viral Dis & Chlamydiae	070-079	0	0	0	0	0
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	1	1
-Genitourinary	179-189	0	0	0	1	1
-Other & Unspecified Sites	190, 193-199	0	0	0	0	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	1	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	1	1	0	2
-Thyroid Gland Disorders	240-246	0	0	1	0	1
-Other Metabolic & Immunity Disorders	270-279	0	1	0	0	1
MENTAL DISORDERS	290-319	0	0	2	1	3
-Psychoses	290-299	0	0	0	0	0
-Non-Psychotic Disorders	300-302, 306-316	0	0	2	1	3
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	0	1	2
-Other Disorders of Central NS	340-349	0	0	0	1	1
-Disorders of Peripheral NS	350-359	0	0	0	0	0
-Disorders of Eye	360-379	0	1	0	0	1
CIRCULATORY SYSTEM	390-459	0	0	5	2	7
-Ischemic Heart Dis	410-414	0	0	0	0	0
-Dis of Pulmonary Circulation	415-417	0	0	1	0	1
-Other Heart Dis	420-429	0	0	1	0	1
-Cerebrovascular Dis	430-438	0	0	0	2	2
-Dis of Arteries & Capillaries	440-448	0	0	1	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	2	0	2
RESPIRATORY SYSTEM	460-519	0	2	2	4	8
-Acute Respiratory Infections	460-466	0	0	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	2	1	1	4
-Pneumonia & Influenza	480-487	0	0	0	2	2
-Chronic Obstructive Dis	490-496	0	0	1	1	2
DIGESTIVE SYSTEM	520-579	0	2	4	0	6
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	0	0
-Esophagus, Stomach, Duodenum	530-537	0	1	0	0	1
-Hernia	550-553	0	1	0	0	1
-Enteritis, Colitis	555-558	0	0	0	0	0
-Other Intestinal Dis	560-569	0	0	3	0	3
-Other Digestive Dis	570-579	0	0	1	0	1

(Continued)

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

East Tennessee Technology Park 2005

Absence Data

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

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	1	3	1	5	6
-Other Bacterial Dis	030-041	0	1	0	0	1	1
-Viral Dis with Exanthem	050-057	0	0	1	0	1	2
-Other Viral Dis & Chlamydiae	070-079	0	0	2	1	3	3
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	3	3	4
-Genitourinary	179-189	0	0	0	2	2	3
-Other & Unspecified Sites	190, 193-199	0	0	0	1	1	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	1	0	1	2
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	1	1	3
-Thyroid Gland Disorders	240-246	0	0	0	1	1	2
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	0	1
MENTAL DISORDERS	290-319	0	0	1	1	2	5
-Psychoses	290-299	0	0	0	1	1	1
-Non-Psychotic Disorders	300-302, 306-316	0	0	1	0	1	4
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	1	4	5	7
-Other Disorders of Central NS	340-349	0	0	0	1	1	2
-Disorders of Peripheral NS	350-359	0	0	1	2	3	3
-Disorders of Eye	360-379	0	0	0	1	1	2
CIRCULATORY SYSTEM	390-459	0	0	1	9	10	17
-Ischemic Heart Dis	410-414	0	0	1	4	5	5
-Dis of Pulmonary Circulation	415-417	0	0	0	0	0	1
-Other Heart Dis	420-429	0	0	0	2	2	3
-Cerebrovascular Dis	430-438	0	0	0	2	2	4
-Dis of Arteries & Capillaries	440-448	0	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	1	1	3
RESPIRATORY SYSTEM	460-519	0	1	3	7	11	19
-Acute Respiratory Infections	460-466	0	0	1	0	1	1
-Other Dis Upper Respiratory Tract	470-478	0	0	1	0	1	5
-Pneumonia & Influenza	480-487	0	1	1	6	8	10
-Chronic Obstructive Dis	490-496	0	0	0	1	1	3
DIGESTIVE SYSTEM	520-579	1	1	3	9	14	20
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	1	2	2
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0	1
-Hernia	550-553	1	0	1	4	6	7
-Enteritis, Colitis	555-558	0	1	0	0	1	1
-Other Intestinal Dis	560-569	0	0	1	1	2	5
-Other Digestive Dis	570-579	0	0	0	3	3	4

(Continued)

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

East Tennessee Technology Park 2005

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					
GENTOURINARY SYSTEM	580-629	0	2	3	1	6
-Other Urinary Dis	590-599	0	0	0	0	0
-Other Female Disorders	617-629	0	2	3	1	6
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	1	1
-Infections	680-686	0	0	0	1	1
-Other	700-709	0	0	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	1	2	5	8
-Arthropathies	710-719	0	0	0	1	1
-Dorsopathies	720-724	0	1	1	0	2
-Rheumatism, Excluding Back	725-729	0	0	1	3	4
-Other Dis & Acquired Deformities	730-739	0	0	0	1	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	1	0	1
-Symptoms	780-789	0	0	1	0	1
INJURY & POISONING	800-999	1	1	4	4	10
-Fracture - Skull	800-804	0	0	1	0	1
-Fracture - Neck, Trunk	805-809	0	0	1	0	1
-Fracture - Upper Limb	810-819	1	0	0	0	1
-Fracture - Lower Limb	820-829	0	0	0	1	1
-Dislocation	830-839	0	0	2	0	2
-Sprains & Strains - Back	846-847	0	1	0	0	1
-Sprains & Strains - Other	840-845, 848	0	0	0	2	2
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	0	1	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	0	0	0	0
-Isolation & Prophylactic Measures	V07-V09	0	0	0	0	0

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

East Tennessee Technology Park 2005

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							
GENTOURINARY SYSTEM	580-629	0	0	1	3	4	10	
-Other Urinary Dis	590-599	0	0	1	3	4	4	
-Other Female Disorders	617-629	0	0	0	0	0	6	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	1	1	1	3	4	
-Infections	680-686	0	1	1	0	2	3	
-Other	700-709	0	0	0	1	1	1	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	2	6	11	19	27	
-Arthropathies	710-719	0	0	2	3	5	6	
-Dorsopathies	720-724	0	1	3	3	7	9	
-Rheumatism, Excluding Back	725-729	0	1	1	4	6	10	
-Other Dis & Acquired Deformities	730-739	0	0	0	1	1	2	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	1	2	3	4	
-Symptoms	780-789	0	0	1	2	3	4	
INJURY & POISONING	800-999	2	2	4	4	12	22	
-Fracture - Skull	800-804	0	0	0	0	0	1	
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	1	
-Fracture - Upper Limb	810-819	0	1	1	0	2	3	
-Fracture - Lower Limb	820-829	0	0	0	0	0	1	
-Dislocation	830-839	0	0	0	3	3	5	
-Sprains & Strains - Back	846-847	1	0	1	0	2	3	
-Sprains & Strains - Other	840-845, 848	0	0	2	0	2	4	
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	1	0	0	1	2	2	
-Open Wound - Upper Limb	880-887	0	1	0	0	1	1	
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	1	
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	1	0	0	1	1	
-Isolation & Prophylactic Measures	V07-V09	0	1	0	0	1	1	

Diagnostic Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Total	1	10	24	22	57	3	9	26	56	94	151

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

East Tennessee Technology Park 2005

Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	20	20
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	28	28
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	55	55
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	13	26	0	39
MENTAL DISORDERS	290-319	0	0	181	27	208
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	50	0	6	56
CIRCULATORY SYSTEM	390-459	0	0	149	41	190
RESPIRATORY SYSTEM	460-519	0	24	188	58	270
DIGESTIVE SYSTEM	520-579	0	46	36	0	82
GENTOURINARY SYSTEM	580-629	0	54	55	19	128
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	13	13
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	34	56	249	339
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	13	0	13
INJURY & POISONING	800-999	53	14	135	339	541

		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	22	63	6	91	111
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	113	113	141
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	2	0	2	57
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	55	55	94
MENTAL DISORDERS	290-319	0	0	30	154	184	392
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	12	128	140	196
CIRCULATORY SYSTEM	390-459	0	0	23	412	435	625
RESPIRATORY SYSTEM	460-519	0	8	26	66	100	370
DIGESTIVE SYSTEM	520-579	27	9	131	457	624	706
GENTOURINARY SYSTEM	580-629	0	0	8	26	34	162
SKIN & SUBCUTANEOUS TISSUE	680-709	0	22	5	8	35	48
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	25	299	649	973	1,312
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	6	192	198	211
INJURY & POISONING	800-999	73	24	261	131	489	1,030

*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.

East Tennessee Technology Park 2005

Absence Data

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

		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Service	Crafts	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	1	0	1
-Viral Dis with Exanthem	050-057	0	0	1	0	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	1	0	0	1
-Genitourinary	179-189	0	1	0	0	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	1	0	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	2	0	0	2
-Thyroid Gland Disorders	240-246	0	1	0	0	1
-Other Metabolic & Immunity Disorders	270-279	0	1	0	0	1
MENTAL DISORDERS	290-319	1	2	0	0	3
-Non-Psychotic Disorders	300-302, 306-316	1	2	0	0	3
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	1	0	2
-Other Disorders of Central NS	340-349	0	1	0	0	1
-Disorders of Eye	360-379	0	0	1	0	1
CIRCULATORY SYSTEM	390-459	4	3	0	0	7
-Dis of Pulmonary Circulation	415-417	1	0	0	0	1
-Other Heart Dis	420-429	0	1	0	0	1
-Cerebrovascular Dis	430-438	2	0	0	0	2
-Dis of Arteries & Capillaries	440-448	1	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	2	0	0	2
RESPIRATORY SYSTEM	460-519	0	7	1	0	8
-Other Dis Upper Respiratory Tract	470-478	0	4	0	0	4
-Pneumonia & Influenza	480-487	0	1	1	0	2
-Chronic Obstructive Dis	490-496	0	2	0	0	2
DIGESTIVE SYSTEM	520-579	2	4	0	0	6
-Esophagus, Stomach, Duodenum	530-537	0	1	0	0	1
-Hernia	550-553	0	1	0	0	1
-Other Intestinal Dis	560-569	1	2	0	0	3
-Other Digestive Dis	570-579	1	0	0	0	1
GENITOURINARY SYSTEM	580-629	1	4	1	0	6
-Other Female Disorders	617-629	1	4	1	0	6
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	1	0	1
-Infections	680-686	0	0	1	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	3	5	0	0	8
-Arthropathies	710-719	0	1	0	0	1
-Dorsopathies	720-724	1	1	0	0	2
-Rheumatism, Excluding Back	725-729	2	2	0	0	4

(Continued)

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

East Tennessee Technology Park 2005

Absence Data

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

		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Service	Crafts	
Diagnostic Category	ICD-9-CM Code					
-Other Dis & Acquired Deformities	730-739	0	1	0	0	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	1	0	0	1
-Symptoms	780-789	0	1	0	0	1
INJURY & POISONING	800-999	1	5	3	1	10
-Fracture - Skull	800-804	0	1	0	0	1
-Fracture - Neck, Trunk	805-809	0	1	0	0	1
-Fracture - Upper Limb	810-819	0	0	1	0	1
-Fracture - Lower Limb	820-829	1	0	0	0	1
-Dislocation	830-839	0	1	0	1	2
-Sprains & Strains - Back	846-847	0	1	0	0	1
-Sprains & Strains - Other	840-845, 848	0	1	1	0	2
-Unspecified Effects - External Causes	990-995	0	0	1	0	1

	Women				
	Job Category				TOTAL
	Professional	Administrative Support	Service	Crafts	
Diagnostic Category					
Total	12	35	9	1	57

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

East Tennessee Technology Park 2005

Absence Data

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

		Men		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	2	0
-Other Bacterial Dis	030-041	0	0	0
-Viral Dis with Exanthem	050-057	1	0	0
-Other Viral Dis & Chlamydiae	070-079	0	2	0
MALIGNANT NEOPLASMS	140-208, 230-234	2	0	0
-Genitourinary	179-189	1	0	0
-Other & Unspecified Sites	190, 193-199	1	0	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	1	0	0
-Thyroid Gland Disorders	240-246	1	0	0
MENTAL DISORDERS	290-319	2	0	0
-Psychoses	290-299	1	0	0
-Non-Psychotic Disorders	300-302, 306-316	1	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	4	0	0
-Other Disorders of Central NS	340-349	1	0	0
-Disorders of Peripheral NS	350-359	2	0	0
-Disorders of Eye	360-379	1	0	0
CIRCULATORY SYSTEM	390-459	6	0	0
-Ischemic Heart Dis	410-414	3	0	0
-Other Heart Dis	420-429	2	0	0
-Cerebrovascular Dis	430-438	1	0	0
-Dis of Veins, Lymphatics, Other	451-459	0	0	0
RESPIRATORY SYSTEM	460-519	2	0	1
-Acute Respiratory Infections	460-466	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	0	0
-Pneumonia & Influenza	480-487	2	0	1
-Chronic Obstructive Dis	490-496	0	0	0
DIGESTIVE SYSTEM	520-579	6	3	0
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0
-Hernia	550-553	3	1	0
-Enteritis, Colitis	555-558	0	0	0
-Other Intestinal Dis	560-569	2	0	0
-Other Digestive Dis	570-579	1	2	0
GENTOURINARY SYSTEM	580-629	2	0	0
-Other Urinary Dis	590-599	2	0	0

(Continued)

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

East Tennessee Technology Park 2005

Absence Data

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

Diagnostic Category		Men				
		Job Category				TOTAL
		Service	Security and Fire	Crafts	Line Operators	
ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	2	0	5
-Other Bacterial Dis	030-041	0	0	1	0	1
-Viral Dis with Exanthem	050-057	0	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	0	0	1	0	3
MALIGNANT NEOPLASMS	140-208, 230-234	1	0	0	0	3
-Genitourinary	179-189	1	0	0	0	2
-Other & Unspecified Sites	190, 193-199	0	0	0	0	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	1	0	0	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	0	1
-Thyroid Gland Disorders	240-246	0	0	0	0	1
MENTAL DISORDERS	290-319	0	0	0	0	2
-Psychoses	290-299	0	0	0	0	1
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0	0	0	5
-Other Disorders of Central NS	340-349	0	0	0	0	1
-Disorders of Peripheral NS	350-359	1	0	0	0	3
-Disorders of Eye	360-379	0	0	0	0	1
CIRCULATORY SYSTEM	390-459	0	1	3	0	10
-Ischemic Heart Dis	410-414	0	1	1	0	5
-Other Heart Dis	420-429	0	0	0	0	2
-Cerebrovascular Dis	430-438	0	0	1	0	2
-Dis of Veins, Lymphatics, Other	451-459	0	0	1	0	1
RESPIRATORY SYSTEM	460-519	2	2	4	0	11
-Acute Respiratory Infections	460-466	1	0	0	0	1
-Other Dis Upper Respiratory Tract	470-478	0	1	0	0	1
-Pneumonia & Influenza	480-487	1	1	3	0	8
-Chronic Obstructive Dis	490-496	0	0	1	0	1
DIGESTIVE SYSTEM	520-579	3	1	1	0	14
-Oral Cavity, Saliva Glands, Jaw	520-529	2	0	0	0	2
-Hernia	550-553	1	0	1	0	6
-Enteritis, Colitis	555-558	0	1	0	0	1
-Other Intestinal Dis	560-569	0	0	0	0	2
-Other Digestive Dis	570-579	0	0	0	0	3
GENTOURINARY SYSTEM	580-629	0	0	1	1	4
-Other Urinary Dis	590-599	0	0	1	1	4

(Continued)

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

East Tennessee Technology Park 2005

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			
SKIN & SUBCUTANEOUS TISSUE	680-709	1	0	0
-Infections	680-686	1	0	0
-Other	700-709	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	8	1	0
-Arthropathies	710-719	4	0	0
-Dorsopathies	720-724	0	1	0
-Rheumatism, Excluding Back	725-729	3	0	0
-Other Dis & Acquired Deformities	730-739	1	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	0	0
-Symptoms	780-789	1	0	0
INJURY & POISONING	800-999	4	0	0
-Fracture - Upper Limb	810-819	2	0	0
-Dislocation	830-839	0	0	0
-Sprains & Strains - Back	846-847	0	0	0
-Sprains & Strains - Other	840-845, 848	1	0	0
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	1	0	0
-Open Wound - Upper Limb	880-887	0	0	0
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	0	0
-Isolation & Prophylactic Measures	V07-V09	0	0	0

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

East Tennessee Technology Park 2005

Absence Data

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

Diagnostic Category		Men					TOTAL
		Job Category					
		Service	Security and Fire	Crafts	Line Operators		
ICD-9-CM Code							
SKIN & SUBCUTANEOUS TISSUE	680-709	1	0	1	0	3	
-Infections	680-686	0	0	1	0	2	
-Other	700-709	1	0	0	0	1	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	3	3	2	2	19	
-Arthropathies	710-719	0	0	0	1	5	
-Dorsopathies	720-724	2	2	1	1	7	
-Rheumatism, Excluding Back	725-729	1	1	1	0	6	
-Other Dis & Acquired Deformities	730-739	0	0	0	0	1	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	0	1	0	3	
-Symptoms	780-789	1	0	1	0	3	
INJURY & POISONING	800-999	3	1	3	1	12	
-Fracture - Upper Limb	810-819	0	0	0	0	2	
-Dislocation	830-839	1	0	2	0	3	
-Sprains & Strains - Back	846-847	1	1	0	0	2	
-Sprains & Strains - Other	840-845, 848	0	0	1	0	2	
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	1	2	
-Open Wound - Upper Limb	880-887	1	0	0	0	1	
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	0	1	0	1	
-Isolation & Prophylactic Measures	V07-V09	0	0	1	0	1	

Diagnostic Category	Men							
	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
Total	40	6	1	15	9	19	4	94

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

East Tennessee Technology Park 2005

Absence Data

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

		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Service	Crafts	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	20	0	20
MALIGNANT NEOPLASMS	140-208, 230-234	0	28	0	0	28
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	55	0	55
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	39	0	0	39
MENTAL DISORDERS	290-319	173	35	0	0	208
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	6	50	0	56
CIRCULATORY SYSTEM	390-459	140	50	0	0	190
RESPIRATORY SYSTEM	460-519	0	257	13	0	270
DIGESTIVE SYSTEM	520-579	8	74	0	0	82
GENITOURINARY SYSTEM	580-629	19	106	3	0	128
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	13	0	13
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	69	270	0	0	339
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	13	0	0	13
INJURY & POISONING	800-999	83	145	261	52	541

*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.

East Tennessee Technology Park 2005

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	21	41	0
MALIGNANT NEOPLASMS	140-208, 230-234	79	0	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	55	0	0
MENTAL DISORDERS	290-319	184	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	51	0	0
CIRCULATORY SYSTEM	390-459	278	0	0
RESPIRATORY SYSTEM	460-519	16	0	7
DIGESTIVE SYSTEM	520-579	267	296	0
GENITOURINARY SYSTEM	580-629	14	0	0
SKIN & SUBCUTANEOUS TISSUE	680-709	5	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	366	9	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	34	0	0
INJURY & POISONING	800-999	200	0	0

		Men				
		Job Category				TOTAL
		Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	29	0	91
MALIGNANT NEOPLASMS	140-208, 230-234	34	0	0	0	113
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	2	0	0	2
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	0	55
MENTAL DISORDERS	290-319	0	0	0	0	184
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	89	0	0	0	140
CIRCULATORY SYSTEM	390-459	0	95	62	0	435
RESPIRATORY SYSTEM	460-519	14	21	42	0	100
DIGESTIVE SYSTEM	520-579	35	9	17	0	624
GENITOURINARY SYSTEM	580-629	0	0	12	8	34
SKIN & SUBCUTANEOUS TISSUE	680-709	8	0	22	0	35
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	46	99	104	349	973
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	6	0	158	0	198
INJURY & POISONING	800-999	55	7	160	67	489

*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.

East Tennessee Technology Park 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	5	4.7	1.9	11.7
Cancer	140-208, 230-234	3	1.2	0.4	3.7
-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	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	2	0.8	0.2	3.2
-Other & Unspecified Sites	190, 193-199	1	0.4	0.1	2.8
-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	1	0.7	0.1	5.2
Endocrine/Metabolic	240-279	1	0.4	0.1	2.8
-Other Endocrine Glands	250-259	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	2	1.1	0.3	4.8
-Non-Psychotic Conditions	300-302, 306-316	1	0.7	0.1	5.2
Nervous System	320-389	5	3.0	1.1	7.7
-Disorders of Peripheral NS	350-359	3	2.2	0.7	7.3
Heart/Circulatory	390-459	10	5.6	2.8	11.1
-Hypertensive Disease	401-405	0	0	0	0
-Ischemic Heart Disease	410-414	5	2.3	0.9	5.8
Respiratory	460-519	11	6.4	3.3	12.5
-Chronic Obstructive Diseases	490-496	1	0.4	0.1	2.8
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	14	11.4	6.4	20.4
-Hernias	550-553	6	5.2	2.1	12.7
Genitourinary	580-629	4	1.9	0.7	5.4
-Nephritis, Nephrosis	580-589	0	0	0	0
Miscarriage**	630-677	0	0	0	0
Skin	680-709	3	2.6	0.7	9.1
Musculoskeletal	710-739	19	14.9	9.1	24.3
-Arthropathies	710-719	5	3.3	1.3	8.4
-Dorsopathies	720-724	7	5.5	2.4	12.3
-Rheumatism, Excluding Back	725-729	6	5.1	2.1	12.1
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.

East Tennessee Technology Park 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	3	2.2	0.7	7.3
Injury	800-999	12	10.6	5.6	20.1
-Fractures - Skull, Neck, Trunk	800-809	0	0	0	0
-Fractures - Upper Limb	810-819	2	2.2	0.5	9.3
-Fractures - Lower Limb	820-829	0	0	0	0
-Dislocations	830-839	3	1.2	0.4	3.7
-Back Sprains & Strains	846-847	2	2.3	0.5	10.3
-Other Sprains & Strains	840-845, 848	2	1.5	0.4	5.9
-Open Wounds	870-887, 890-897	1	1.4	0.2	10.2
-Burns	940-949	0	0	0	0
-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		93	66.7	53.1	83.8

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	1	1.4	0.2	9.8
Cancer	140-208, 230-234	1	1.4	0.2	9.8
-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	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	1	1.4	0.2	9.8
-Other & Unspecified Sites	190, 193-199	0	0	0	0
-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	1	1.4	0.2	9.8
Endocrine/Metabolic	240-279	2	4.6	1.0	20.3
-Other Endocrine Glands	250-259	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	3	4.1	1.3	12.8
-Non-Psychotic Conditions	300-302, 306-316	3	4.1	1.3	12.8
Nervous System	320-389	2	4.6	1.0	20.3

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

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

East Tennessee Technology Park 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
-Disorders of Peripheral NS	350-359	0	0	0	0
Heart/Circulatory	390-459	7	22.4	8.3	60.8
-Hypertensive Disease	401-405	0	0	0	0
-Ischemic Heart Disease	410-414	0	0	0	0
Respiratory	460-519	8	21.0	8.7	51.0
-Chronic Obstructive Diseases	490-496	2	9.2	1.7	49.6
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	6	11.9	5.0	28.4
-Hernias	550-553	1	3.2	0.4	22.6
Genitourinary	580-629	6	11.9	5.0	28.4
-Nephritis, Nephrosis	580-589	0	0	0	0
Miscarriage**	630-677	0	0	0	0
Skin	680-709	1	1.4	0.2	9.8
Musculoskeletal	710-739	8	19.2	7.6	48.4
-Arthropathies	710-719	1	7.8	1.1	55.2
-Dorsopathies	720-724	2	4.6	1.0	20.3
-Rheumatism, Excluding Back	725-729	4	5.5	2.1	14.7
Congenital Anomalies	740-759	0	0	0	0
Unspecified Symptoms	780-799	1	1.4	0.2	9.8
Injury	800-999	10	42.5	19.6	92.5
-Fractures - Skull, Neck, Trunk	800-809	2	2.8	0.7	11.1
-Fractures - Upper Limb	810-819	1	9.1	1.3	64.8
-Fractures - Lower Limb	820-829	1	7.8	1.1	55.2
-Dislocations	830-839	2	2.8	0.7	11.1
-Back Sprains & Strains	846-847	1	3.2	0.4	22.6
-Other Sprains & Strains	840-845, 848	2	9.1	1.7	49.6
-Open Wounds	870-887, 890-897	0	0	0	0
-Burns	940-949	0	0	0	0
-Adverse Reactions to Nonmedical Substances	980-989	0	0	0	0
-Adverse Reactions to External Causes	990-995	1	7.8	1.1	55.2
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		57	149.2	105.9	210.3

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

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

East Tennessee Technology Park 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	6	3.7	1.6	8.8
Cancer	140-208, 230-234	4	1.2	0.5	3.3
-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	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	3	0.9	0.3	2.9
-Other & Unspecified Sites	190, 193-199	1	0.3	0.0	2.2
-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	2	0.8	0.2	3.3
Endocrine/Metabolic	240-279	3	1.8	0.5	6.2
-Other Endocrine Glands	250-259	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	5	2.1	0.8	5.0
-Non-Psychotic Conditions	300-302, 306-316	4	1.7	0.6	4.7
Nervous System	320-389	7	3.7	1.6	8.6
-Disorders of Peripheral NS	350-359	3	1.8	0.5	6.1
Heart/Circulatory	390-459	17	8.9	5.3	15.1
-Hypertensive Disease	401-405	0	0	0	0
-Ischemic Heart Disease	410-414	5	1.7	0.7	4.2
Respiratory	460-519	19	9.4	5.7	15.7
-Chronic Obstructive Diseases	490-496	3	1.8	0.5	6.1
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	20	13.1	8.0	21.2
-Hernias	550-553	7	5.4	2.4	12.2
Genitourinary	580-629	10	5.1	2.6	10.2
-Nephritis, Nephrosis	580-589	0	0	0	0
Miscarriage**	630-677	0	0	0	0
Skin	680-709	4	2.1	0.7	6.3
Musculoskeletal	710-739	27	15.7	10.3	23.9
-Arthropathies	710-719	6	3.5	1.4	8.5
-Dorsopathies	720-724	9	5.5	2.7	11.2
-Rheumatism, Excluding Back	725-729	10	5.4	2.7	10.9
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.

East Tennessee Technology Park 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	4	2.2	0.8	6.5
Injury	800-999	22	15.3	9.5	24.4
-Fractures - Skull, Neck, Trunk	800-809	2	1.0	0.2	3.8
-Fractures - Upper Limb	810-819	3	2.8	0.8	9.4
-Fractures - Lower Limb	820-829	1	1.0	0.1	6.8
-Dislocations	830-839	5	1.9	0.8	4.6
-Back Sprains & Strains	846-847	3	2.8	0.8	9.4
-Other Sprains & Strains	840-845, 848	4	2.2	0.8	6.5
-Open Wounds	870-887, 890-897	1	1.0	0.1	7.0
-Burns	940-949	0	0	0	0
-Adverse Reactions to Nonmedical Substances	980-989	0	0	0	0
-Adverse Reactions to External Causes	990-995	1	1.0	0.1	6.8
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		150	85.0	71.0	101.8

*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.

East Tennessee Technology Park 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				
	30 - 39	50 +		16 - 29	30 - 39	40 - 49	50 +	
Professional	0	1	1	0	0	0	1	2
Technical Support	1	0	1	0	0	0	0	1
Service	0	1	1	4	3	5	1	14
Security and Fire	0	0	0	0	1	0	0	1
Crafts	0	0	0	0	1	0	2	3
TOTAL	1	2	3	4	5	5	4	21

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

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

Age Group	Women			Men			TOTAL		
	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost
16 - 29	0	0	0	4	22	0	4	22	0
30 - 39	1	0	0	5	2	0	6	2	0
40 - 49	0	0	0	5	45	22	5	45	22
50 +	2	24	0	4	14	0	6	38	0
TOTAL	3	24	0	18	83	22	21	107	22

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	1	0	0	2	0	0
Technical Support	1	0	0	0	0	0	1	0	0
Service	1	24	0	13	83	22	14	107	22
Security and Fire	0	0	0	1	0	0	1	0	0
Crafts	0	0	0	3	0	0	3	0	0
Total	3	24	0	18	83	22	21	107	22

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

East Tennessee Technology Park 2005

OSHA Data

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

		Women			Men					TOTAL
		Age Group		TOTAL	Age Group				TOTAL	
		30 - 39	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code									
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	0	1	0	2	2	1	5	6
-Arthropathies	710-719	1	0	1	0	1	2	1	4	5
-Dorsopathies	720-724	0	0	0	0	1	0	0	1	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	0	2	0	0	2	2
-Symptoms	780-789	0	0	0	0	2	0	0	2	2
INJURY & POISONING	800-999	0	2	2	4	4	3	3	14	16
-Fracture - Skull	800-804	0	0	0	0	1	0	0	1	1
-Fracture - Lower Limb	820-829	0	1	1	0	1	0	0	1	2
-Dislocation	830-839	0	0	0	0	0	1	0	1	1
-Sprains & Strains - Back	846-847	0	0	0	0	1	1	1	3	3
-Sprains & Strains - Other	840-845, 848	0	1	1	2	0	1	0	3	4
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	1	0	2	3	3
-Open Wound - Upper Limb	880-887	0	0	0	2	0	0	0	2	2

Diagnostic Category	Women			Men					TOTAL
	Age Group		TOTAL	Age Group				TOTAL	
	30 - 39	50 +		16 - 29	30 - 39	40 - 49	50 +		
Total	1	2	3	4	8	5	4	21	24

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

East Tennessee Technology Park 2005

OSHA Data

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

		Women			
		Age Group			
		30 - 39		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes				
-Arthropathies	710-719	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	24	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Arthropathies	710-719	0	0	0	0	28	14	0	0
-Dorsopathies	720-724	0	0	0	0	0	0	0	0
-Symptoms	780-789	0	0	0	0	0	0	0	0
-Fracture - Skull	800-804	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0
-Dislocation	830-839	0	0	0	0	7	7	0	0
-Sprains & Strains - Back	846-847	0	0	2	0	10	0	14	0
-Sprains & Strains - Other	840-845, 848	22	0	0	0	0	1	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0

*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.

East Tennessee Technology Park 2005
OSHA Data

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

		Women			Men					TOTAL
		Age Group		TOTAL	Age Group				TOTAL	
		30 - 39	50 +		16 - 29	30 - 39	40 - 49	50 +		
Type of Accident	E Codes									
Falls	E880-E888	0	1	1	0	0	0	1	1	2
Other Accidents	E916-E928	1	0	1	2	3	3	1	9	10

*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			
		30 - 39		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes				
Falls	E880-E888	0	0	24	0
Other Accidents	E916-E928	0	0	0	0

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Falls	E880-E888	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	1	0	2	0	38	14	14	0

*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.

East Tennessee Technology Park 2005

OSHA Data

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

		Women			
		Job Category			TOTAL
		Professional	Technical Support	Service	
Diagnostic Category	ICD-9-CM Code				
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	1	0	1
-Arthropathies	710-719	0	1	0	1
INJURY & POISONING	800-999	1	0	1	2
-Fracture - Lower Limb	820-829	0	0	1	1
-Sprains & Strains - Other	840-845, 848	1	0	0	1

Diagnostic Category	Women			
	Job Category			TOTAL
	Professional	Technical Support	Service	
Total	1	1	1	3

		Men				
		Job Category				TOTAL
		Professional	Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code					
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	3	0	2	5
-Arthropathies	710-719	0	3	0	1	4
-Dorsopathies	720-724	0	0	0	1	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	2	0	2
-Symptoms	780-789	0	0	2	0	2
INJURY & POISONING	800-999	1	10	2	1	14
-Fracture - Skull	800-804	0	0	1	0	1
-Fracture - Lower Limb	820-829	0	1	0	0	1
-Dislocation	830-839	0	1	0	0	1
-Sprains & Strains - Back	846-847	0	3	0	0	3
-Sprains & Strains - Other	840-845, 848	0	3	0	0	3
-Open Wound - Head, Neck, Trunk	870-879	1	0	1	1	3
-Open Wound - Upper Limb	880-887	0	2	0	0	2

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

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OSHA Data

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

	Men				
	Job Category				TOTAL
	Professional	Service	Security and Fire	Crafts	
Diagnostic Category					
Total	1	13	4	3	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		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	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	24	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0

		Men							
		Job Category							
		Professional		Service		Security and Fire		Crafts	
		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	28	14	0	0	0	0
-Dorsopathies	720-724	0	0	0	0	0	0	0	0
-Symptoms	780-789	0	0	0	0	0	0	0	0
-Fracture - Skull	800-804	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0
-Dislocation	830-839	0	0	7	7	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	26	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	22	1	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0

*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
		Technical Support	Service	
Type of Accident	E CODES			
Falls	E880-E888	0	1	1
Other Accidents	E916-E928	1	0	1

		Men				
		Job Category				TOTAL
		Professional	Service	Security and Fire	Crafts	
Type of Accident	E CODES					
Falls	E880-E888	1	0	0	0	1
Other Accidents	E916-E928	0	7	1	1	9

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

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OSHA Data

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

		Women			
		Job Category			
		Technical Support		Service	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes				
Falls	E880-E888	0	0	24	0
Other Accidents	E916-E928	0	0	0	0

		Men							
		Job Category							
		Professional		Service		Security and Fire		Crafts	
		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	0	0	0	0	0
Other Accidents	E916-E928	0	0	55	14	0	0	0	0

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

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OSHA Data

Appendix 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	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	5	4.7	1.8	12.3
-Arthropathies	710-719	4	3.3	1.1	9.7
-Dorsopathies	720-724	1	1.4	0.2	10.2
-Rheumatism, Excluding Back	725-729	0	0	0	0
Unspecified Symptoms	780-799	2	2.9	0.7	11.5
Injury	800-999	14	16.2	9.2	28.4
-Fractures - Skull, Neck, Trunk	800-809	1	1.4	0.2	10.2
-Fractures - Upper Limb	810-819	0	0	0	0
-Fractures - Lower Limb	820-829	1	1.4	0.2	10.2
-Dislocations	830-839	1	0.7	0.1	5.2
-Back Sprains & Strains	846-847	3	2.6	0.7	9.1
-Other Sprains & Strains	840-845, 848	3	3.9	1.2	12.9
-Open Wounds - Head, Neck, Trunk	870-879	3	2.9	0.8	9.9
-Open Wounds - Upper Limb	880-887	2	3.2	0.8	12.8
-Open Wounds - Lower Limb	890-897	0	0	0	0
-Superficial Injuries	910-919	0	0	0	0
-Bruises	920-924	0	0	0	0
-Foreign Bodies Entering Orifice	930-939	0	0	0	0
-Burns	940-949	0	0	0	0

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

East Tennessee Technology Park 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	0	0	0	0
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		21	23.8	15.0	37.6

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	1	3.2	0.4	22.6
-Arthropathies	710-719	1	3.2	0.4	22.6
-Dorsopathies	720-724	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0
Unspecified Symptoms	780-799	0	0	0	0
Injury	800-999	2	9.1	1.7	49.6
-Fractures - Skull, Neck, Trunk	800-809	0	0	0	0
-Fractures - Upper Limb	810-819	0	0	0	0
-Fractures - Lower Limb	820-829	1	1.4	0.2	9.8
-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	1	7.8	1.1	55.2
-Open Wounds - Head, Neck, Trunk	870-879	0	0	0	0
-Open Wounds - Upper Limb	880-887	0	0	0	0
-Open Wounds - Lower Limb	890-897	0	0	0	0
-Superficial Injuries	910-919	0	0	0	0
-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	0	0	0	0
-All Other Injuries	850-854, 860-869, 900-909, 925-929, 950-979, 996-999	0	0	0	0
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		3	12.3	3.2	47.7

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	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	6	4.2	1.8	10.0

*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
-Arthropathies	710-719	5	3.2	1.2	8.4
-Dorsopathies	720-724	1	1.0	0.1	7.0
-Rheumatism, Excluding Back	725-729	0	0	0	0
Unspecified Symptoms	780-799	2	2.0	0.5	7.9
Injury	800-999	16	13.6	7.9	23.3
-Fractures - Skull, Neck, Trunk	800-809	1	1.0	0.1	7.0
-Fractures - Upper Limb	810-819	0	0	0	0
-Fractures - Lower Limb	820-829	2	1.3	0.3	6.2
-Dislocations	830-839	1	0.5	0.1	3.4
-Back Sprains & Strains	846-847	3	1.8	0.5	6.2
-Other Sprains & Strains	840-845, 848	4	4.1	1.5	11.6
-Open Wounds - Head, Neck, Trunk	870-879	3	2.3	0.7	7.7
-Open Wounds - Upper Limb	880-887	2	2.7	0.7	10.7
-Open Wounds - Lower Limb	890-897	0	0	0	0
-Superficial Injuries	910-919	0	0	0	0
-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	0	0	0	0
-All Other Injuries	850-854, 860-869, 900-909, 925-929, 950-979, 996-999	0	0	0	0
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		24	19.8	12.8	30.6

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