

2006

East Tennessee Technology Park Annual Illness and Injury Surveillance Report



East Tennessee Technology Park 2006 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/)



East Tennessee Technology Park 2006 Illness and Injury Surveillance Report

At A Glance

A total of 1,791 ETTP employees were included in illness and injury surveillance in 2006. The work force, which had been in a decline from 1999 to 2001, has increased each year since 2003. In 2006, the work force was 85 percent larger than in 2003. As a result of the increase, the average age for men has decreased and for women has been unchanged since 2003.

Women reported 49 absences resulting in an absence rate of 11 absences per 100 workers (49/451). Among the 1,340 men, 82 absences were reported, yielding an absence rate of 6 per 100 workers (82/1,340). The absence rate for both men and women has been stable since 2003. The higher rate of absence among women compared with men has been seen among all DOE sites participating in the Illness and Injury Surveillance Program (IISP). Across the IISP sites, absence rates have been falling in recent years.

Security and Fire workers had the highest absence rate among men. Among women, the Administrative Support group had the highest absence rate in 2006.

Among the 86 diagnoses reported by men, musculoskeletal conditions, injuries, and digestive disorders accounted for 62 percent. Among women, 55 percent of the 55 diagnoses were for musculoskeletal conditions, psychological conditions, and genitourinary disorders. The psychological conditions were depression.

No definite sentinel health events were identified in 2006. Of the 2 diagnoses possibly resulting from a SHEO, 1 involved a diagnosis of carpal tunnel syndrome.

Women reported 9 OSHA-recordable events and men reported 14 OSHA-recordable events in 2006. All 23 events resulted from accidents; 8 of these were overexertion and strenuous movements with the remainder falling in 8 other accident categories. Twenty-two of the 32 diagnoses resulting from the OSHA events were for injuries. No particular type of injury predominated.

After declining to a minimum of 4.1 events per 1,000 workers in 2002, the rate of OSHA events has been more than twice the 2002 rate from 2003 through 2006. The overall trend among sites participating in IISP has been a decline in OSHA event rates from 1995 through 2004, but this trend has not been seen at ETTP. The increased rate from 2003 through 2006 is unexplained but could reflect inexperience in the work force, which has increased by 85 percent over the same period.

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The East Tennessee Technology Park Work Force - 2006

Figure 1. The Work Force by Gender and Age

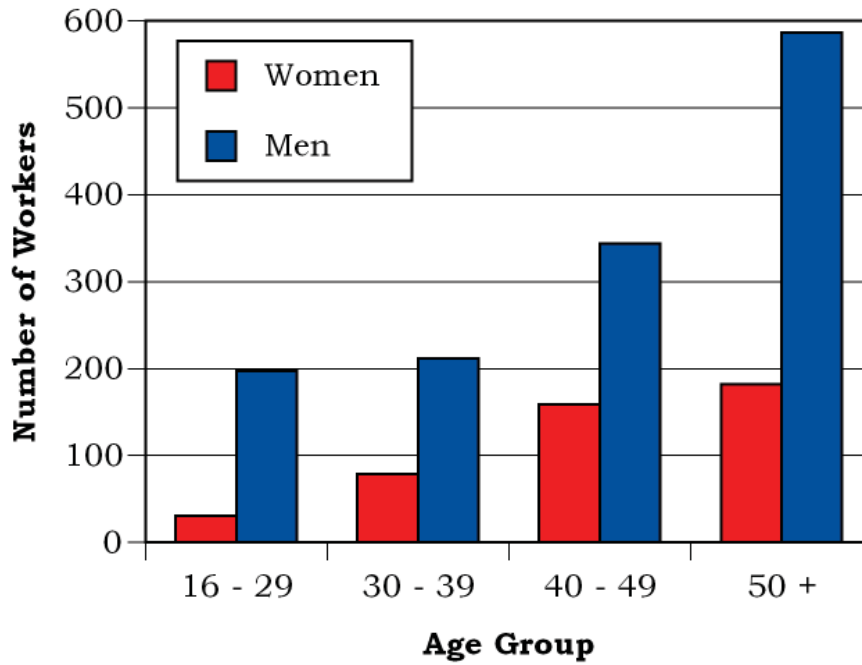


Figure 2. The Work Force by Gender and Job Category

Job Category	Women	Men
Professional	127 28%	547 41%
Administrative Support	176 39%	78 6%
Technical Support	8 2%	12 1%
Service	128 28%	377 28%
Security and Fire	1 <1%	50 4%
Crafts	7 2%	197 14%
Line Operators	4 1%	79 6%
Total	451 100%	1,340 100%

Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

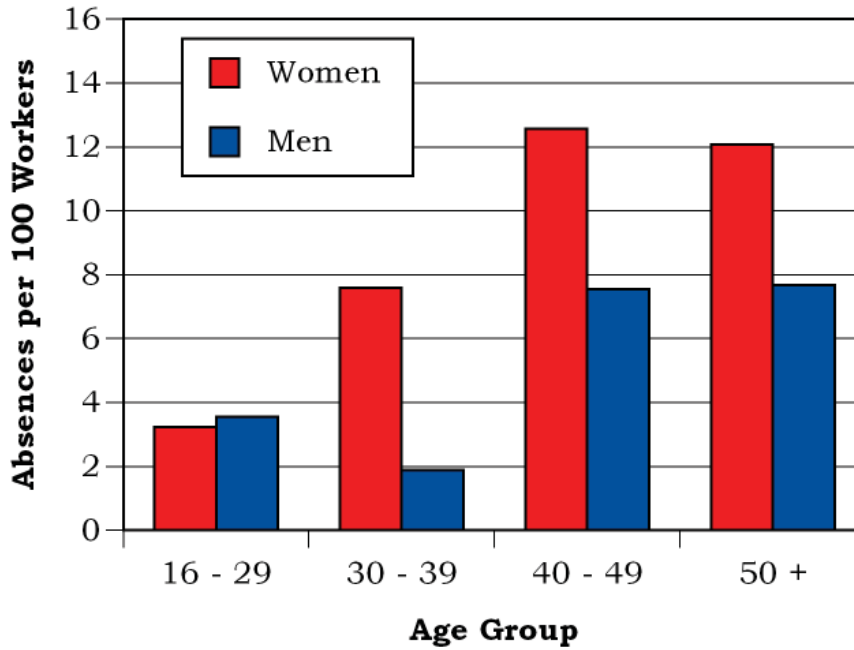


Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women	16-29	1	12	12
	30-39	6	199	33
	40-49	20	881	44
	50+	22	821	37
	Total	49	1,913	39
Men	16-29	7	208	30
	30-39	4	185	46
	40-49	26	946	36
	50+	45	2,638	59
	Total	82	3,977	49

Figure 5. Absence Rate by Job Category and Gender

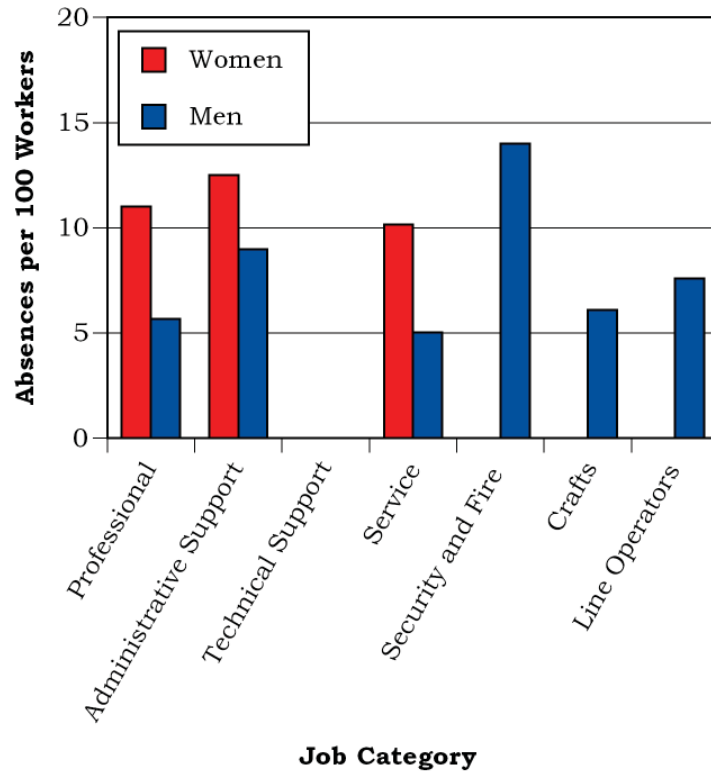
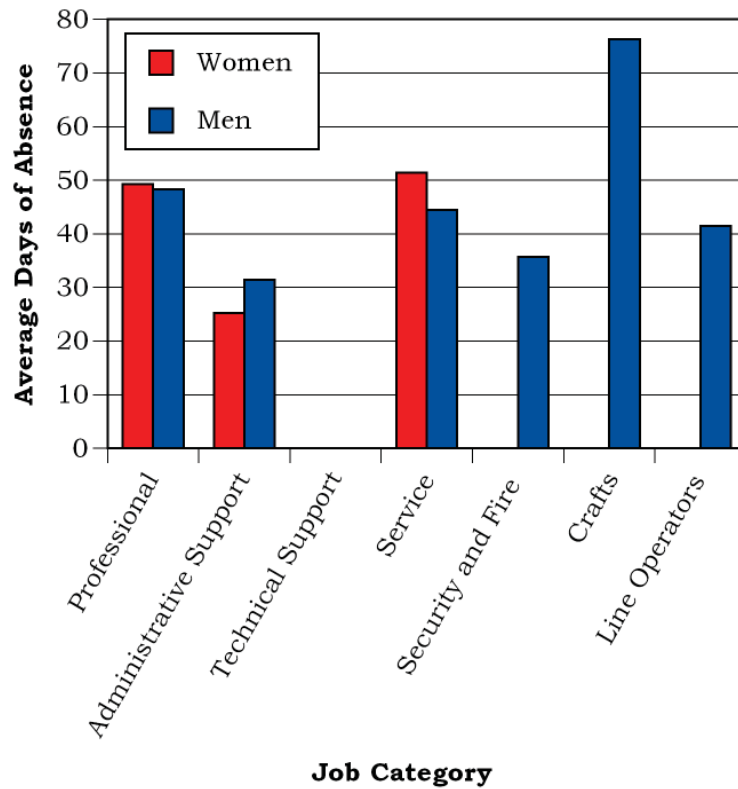


Figure 6. Average Duration of Absence by Job Category and Gender



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	83	1	4
Blood	0	0	0	0
Cancer	1	4	6	734
Digestive	2	30	11	266
Endocrine/Metabolic	1	154	0	0
Existing Birth Condition	0	0	0	0
Genitourinary	10	276	2	75
Heart/Circulatory	4	248	9	518
Infections/Parasites	2	21	2	27
Injury	1	12	12	429
Miscarriage	0	0	NA	NA
Musculoskeletal	11	594	30	1,721
Nervous System	2	19	3	124
Psychological	9	543	1	2
Respiratory	3	30	4	50
Skin	3	53	2	15
Unspecified Symptoms	3	228	3	38

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 2006

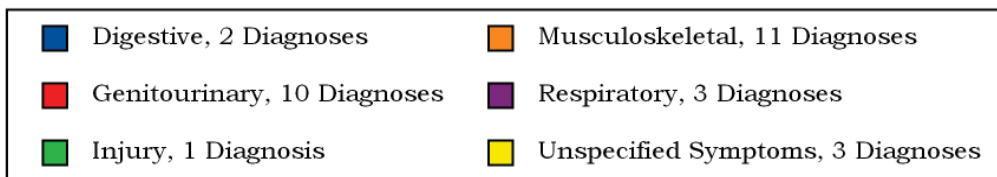
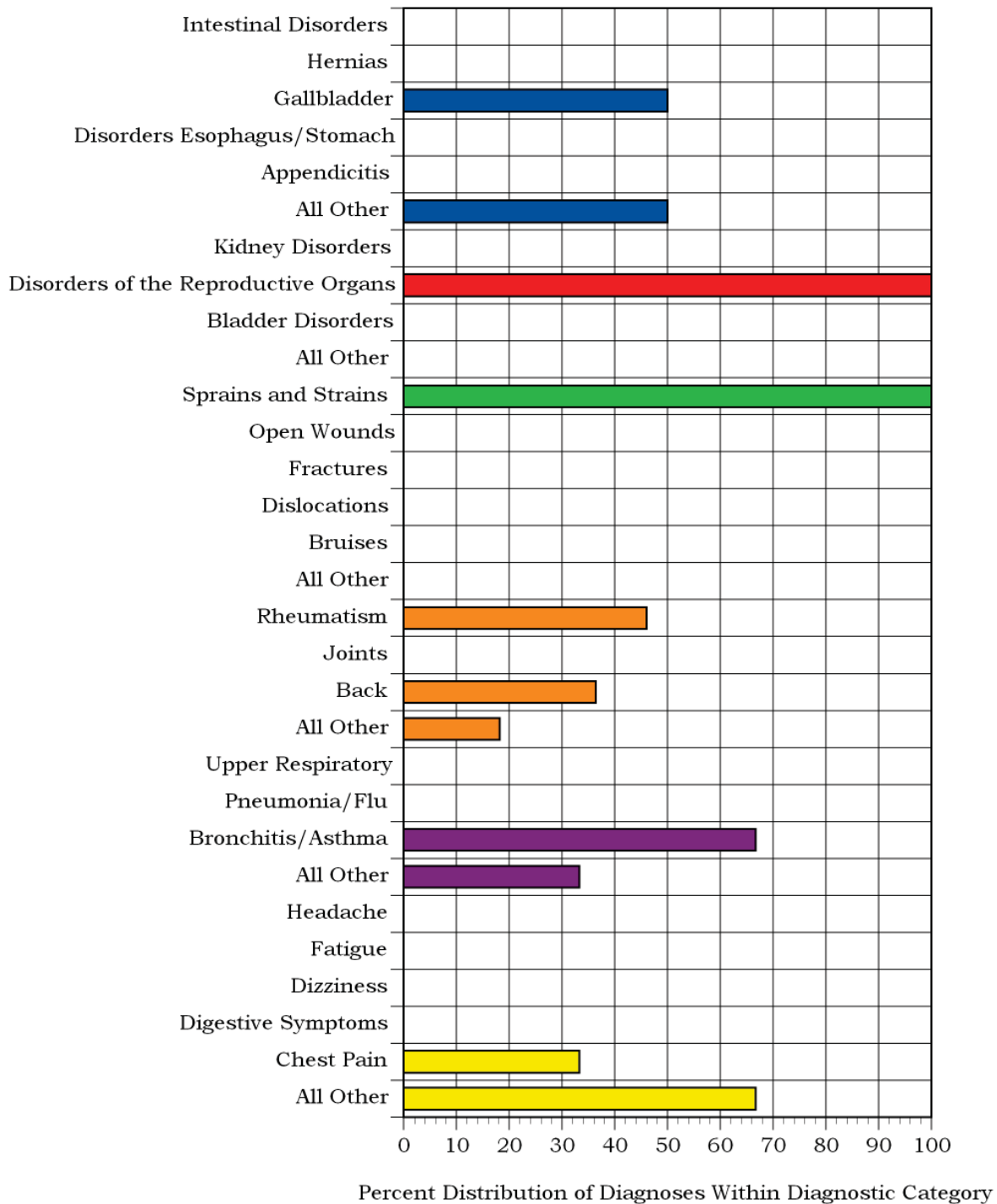


Figure 9. Common Diagnoses Among Male Workers in 2006

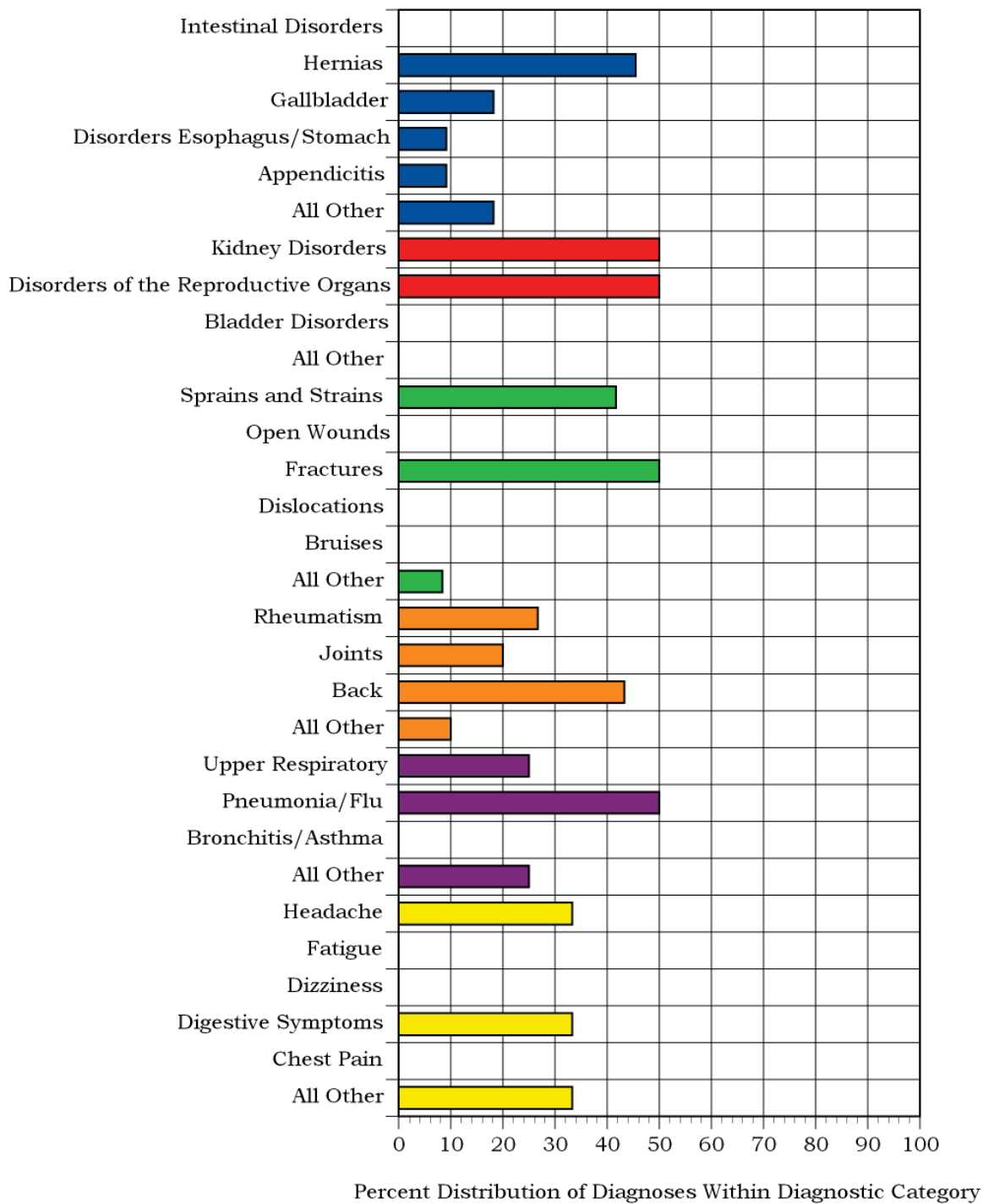


Figure 10. Number of Most Frequently Reported Diagnoses by Job Category and Gender

Job Category	Men		Women	
Professional	Heart/Circulatory	7	Psychological	5
	Musculoskeletal	6	Genitourinary	3
	Digestive	5	Musculoskeletal	3
Administrative Support	Musculoskeletal	2	Genitourinary	6
	Cancer	1	Heart/Circulatory	3
	Digestive	1	Digestive	2
	Genitourinary	1	Infections/Parasites	2
	Injury	1	Musculoskeletal	2
	Skin	1	Psychological	2
			Respiratory	2
Technical Support		0		0
Service	Musculoskeletal	7	Musculoskeletal	6
	Injury	4	Psychological	2
	Digestive	3	Respiratory	2
Security and Fire	Musculoskeletal	5		0
	Injury	2		
Crafts	Musculoskeletal	7		0
	Digestive	1		
	Heart/Circulatory	1		
	Injury	1		
	Respiratory	1		
	Skin	1		
Line Operators	Musculoskeletal	3		0
	Digestive	1		
	Heart/Circulatory	1		
	Injury	1		
	Respiratory	1		
	Unspecified Symptoms	1		

Rates of Disease Occurrence

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

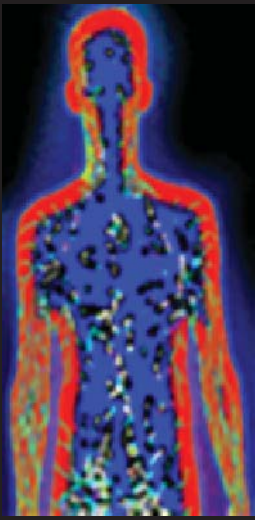
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	65	117
		50+	54	180
	Administrative Support	<50	108	133
		50+	73	116
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	31	88
		50+	129	189
	Security and Fire	<50	162	0
		50+	77	0
	Crafts	<50	26	0
		50+	110	0
	Line Operators	<50	102	0
		50+	100	0

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

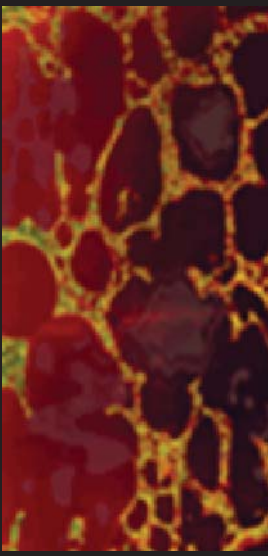
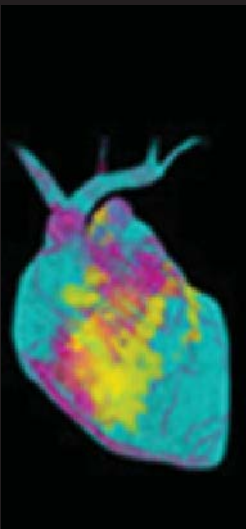
Cancer	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	12	0
	Administrative Support	<50	0	0
		50+	24	0
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	11
		50+	12	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0

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	14	0
		50+	12	0
	Administrative Support	<50	0	11
		50+	0	23
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	11
		50+	0	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	9	0
		50+	0	0
	Line Operators	<50	0	0
		50+	33	0



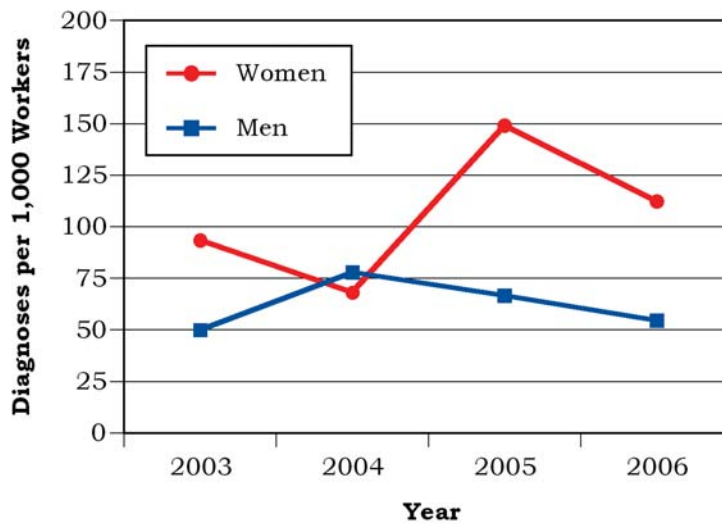
Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	13
		50+	3	0
	Administrative Support	<50	0	0
		50+	0	23
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	12	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	12	0
	Line Operators	<50	20	0
		50+	0	0

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	9	0
		50+	3	0
	Administrative Support	<50	27	0
		50+	0	0
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	7	11
		50+	24	0
	Security and Fire	<50	54	0
		50+	0	0
	Crafts	<50	0	0
		50+	12	0
Line Operators	<50	20	0	
	50+	0	0	

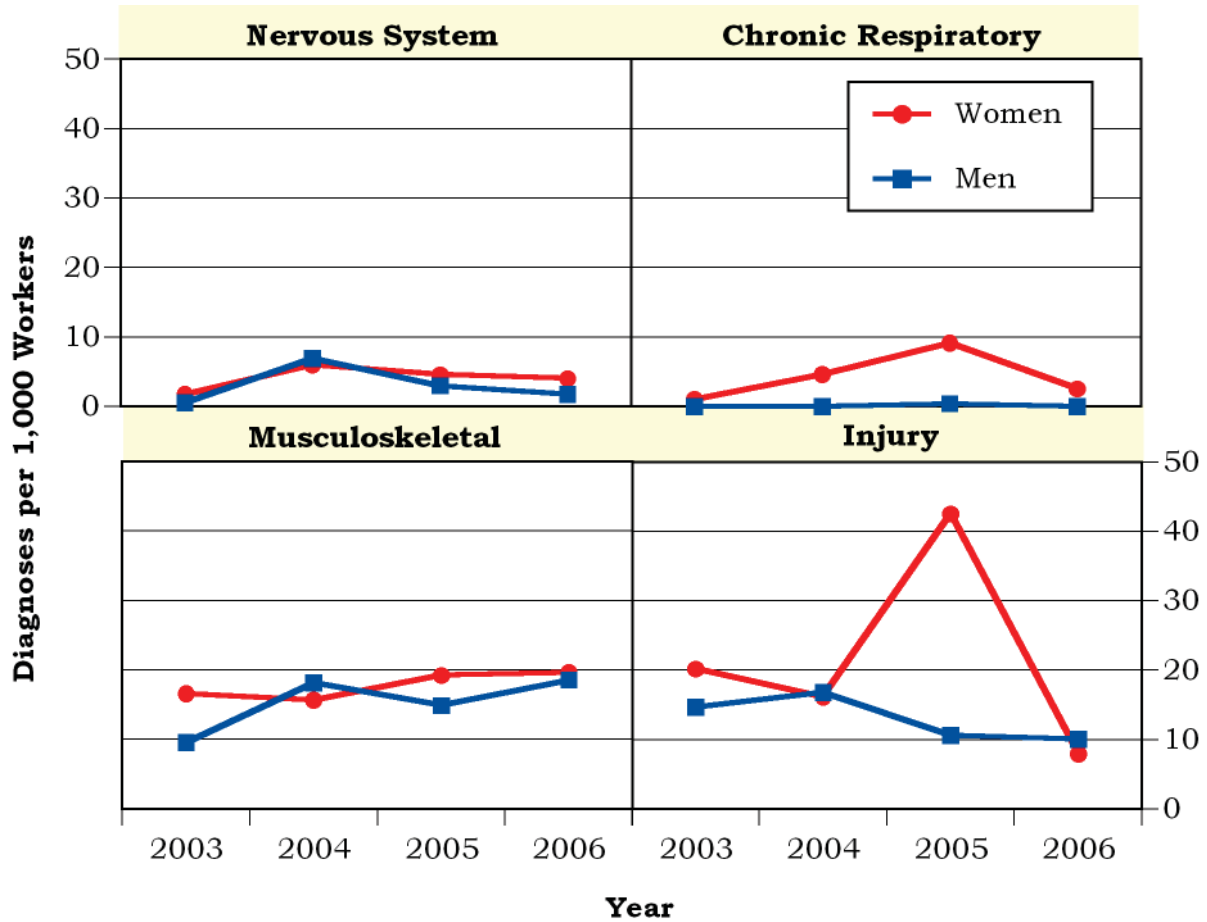
Time Trends

Figure 13. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men from 2003 to 2006*



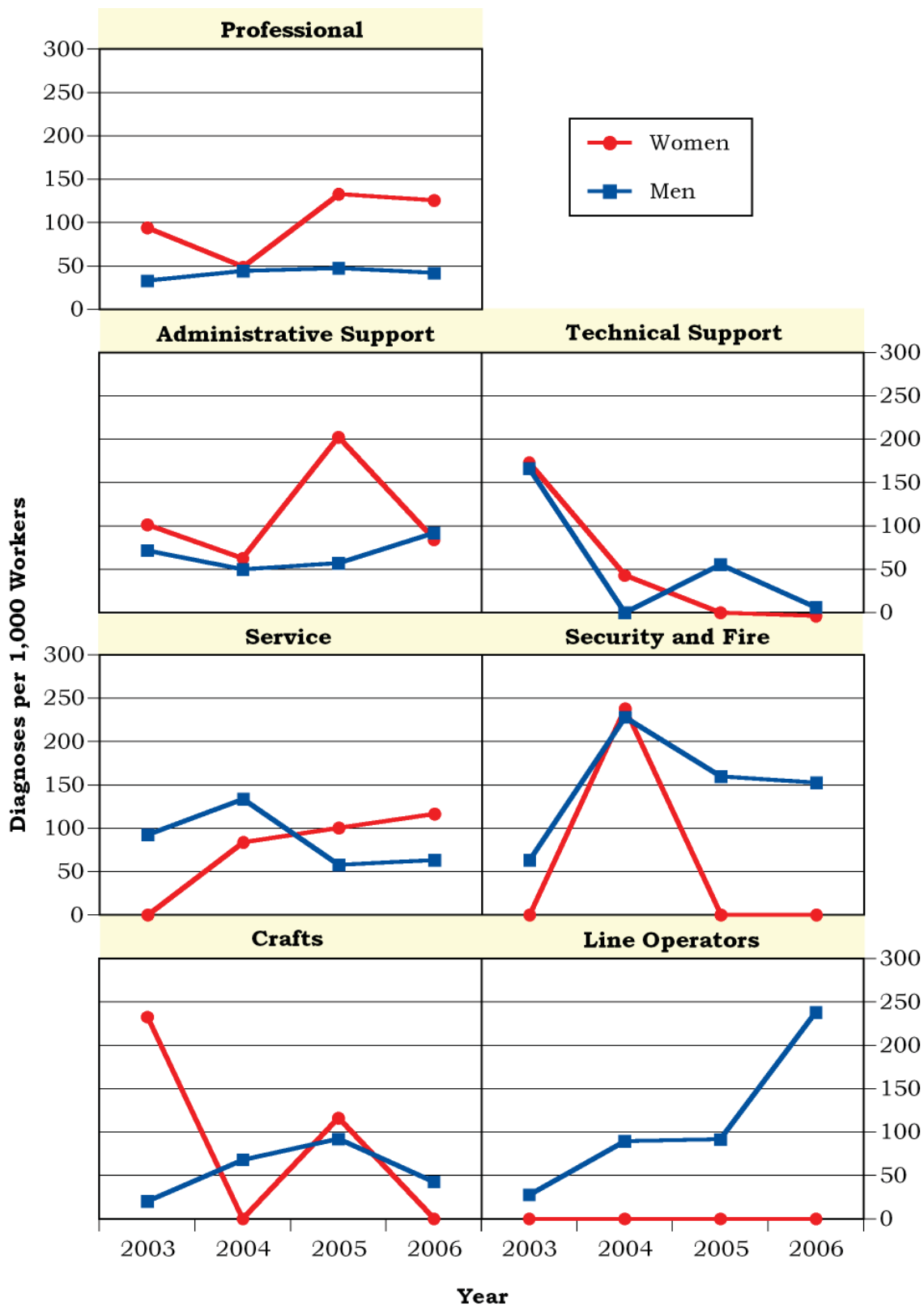
* Standardized to age distribution of 2000 U.S. population.

Figure 14. Age-Adjusted Rates for Selected Diagnostic Categories Among Women and Men from 2003 to 2006*



* 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 2006*



* 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	2	0	204	0
Total	2	0	204	0

Figure 17. SHEO Diagnoses by Gender

Diagnoses	Gender	
	Women	Men
Carpal Tunnel Syndrome	0	1
Pneumonconiosis (Berylliosis)	0	0
Musculoskeletal Conditions	0	0
Injuries	0	0
Other Conditions	0	1

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 18. OSHA-Recordable Events by Gender and Age

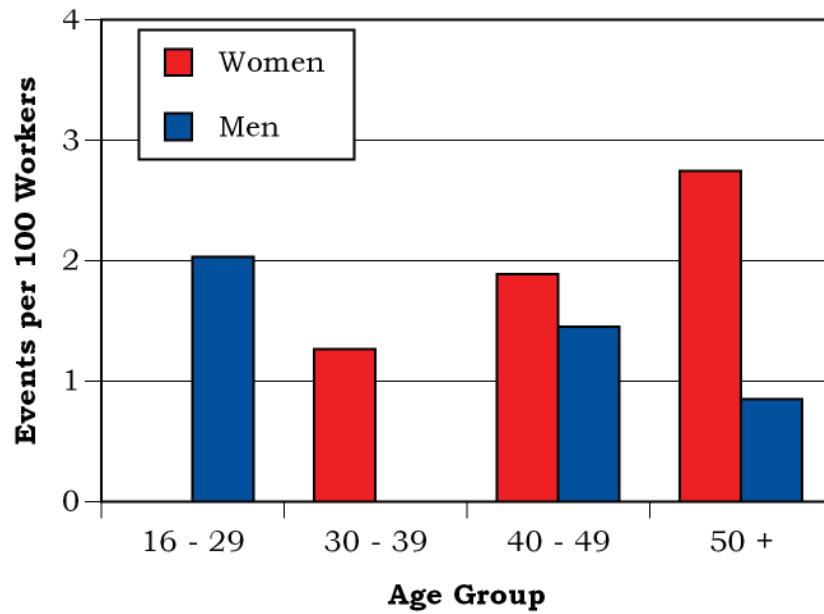
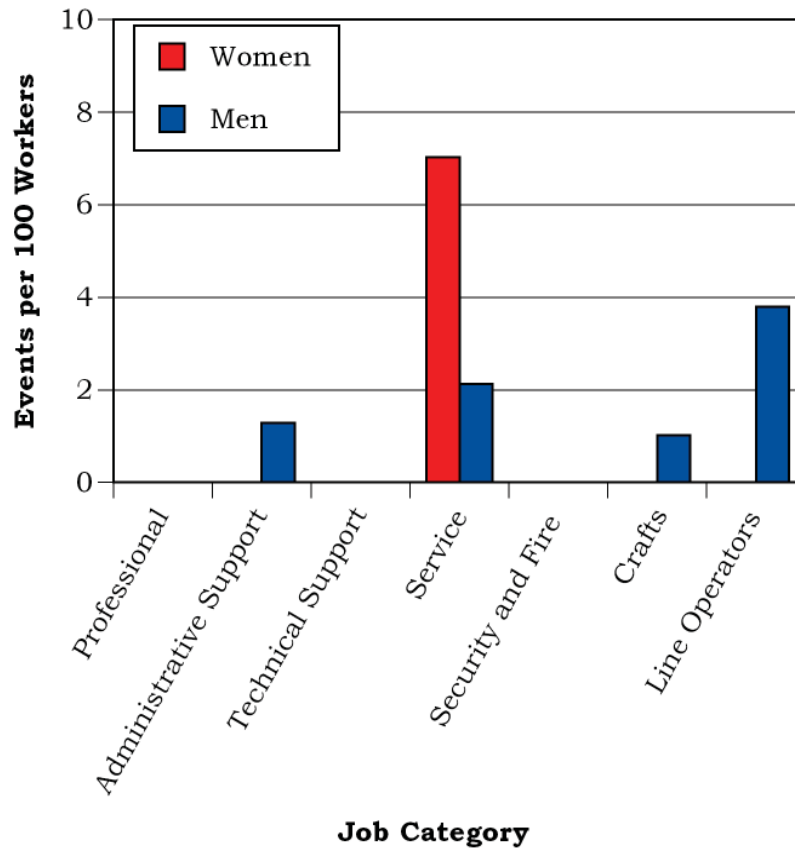


Figure 19. OSHA-Recordable Events by Job Category and Gender



Diagnostic and Accident Categories for OSHA-Recordable Events

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

Diagnostic Category	Gender	
	Women	Men
Musculoskeletal	4	2
Nervous System	1	0
Respiratory	0	2
Unspecified Symptoms	1	0
Injury	7	15
Fractures – Skull	0	1
Fractures – Upper Limb	0	2
Fractures – Lower Limb	0	1
Dislocations	1	0
Back Sprains & Strains	1	1
Other Sprains & Strains	1	0
Open Wounds – Upper Limb	0	3
Open Wounds – Lower Limb	0	1
Foreign Bodies Entering Orifice	1	2
Burns	0	1
Unspecified Injuries	3	3

Figure 21. OSHA-Recordable Accidents by Type and Gender

Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Motor Vehicle Traffic	0	1
Falls	2	2
Submersion/Suffocation/Foreign Bodies	1	2
Other Accidents	6	9
Struck by an Object	1	1
Machinery	0	1
Cutting/Piercing Instrument/Object	0	3
Hot, Corrosive, or Caustic Material/Steam	0	1
Overexertion/Strenuous Movements	5	3
Total	9	14

Rates of OSHA-Recordable Events

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

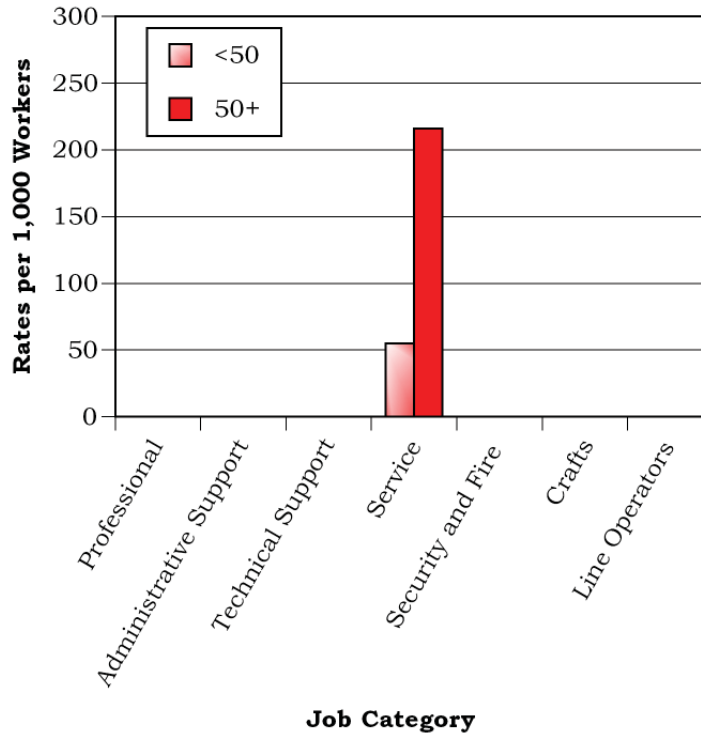
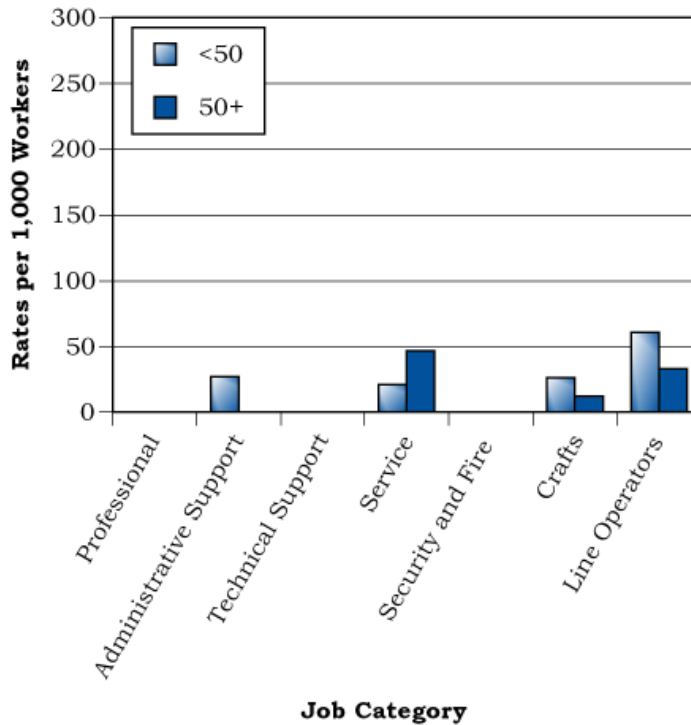
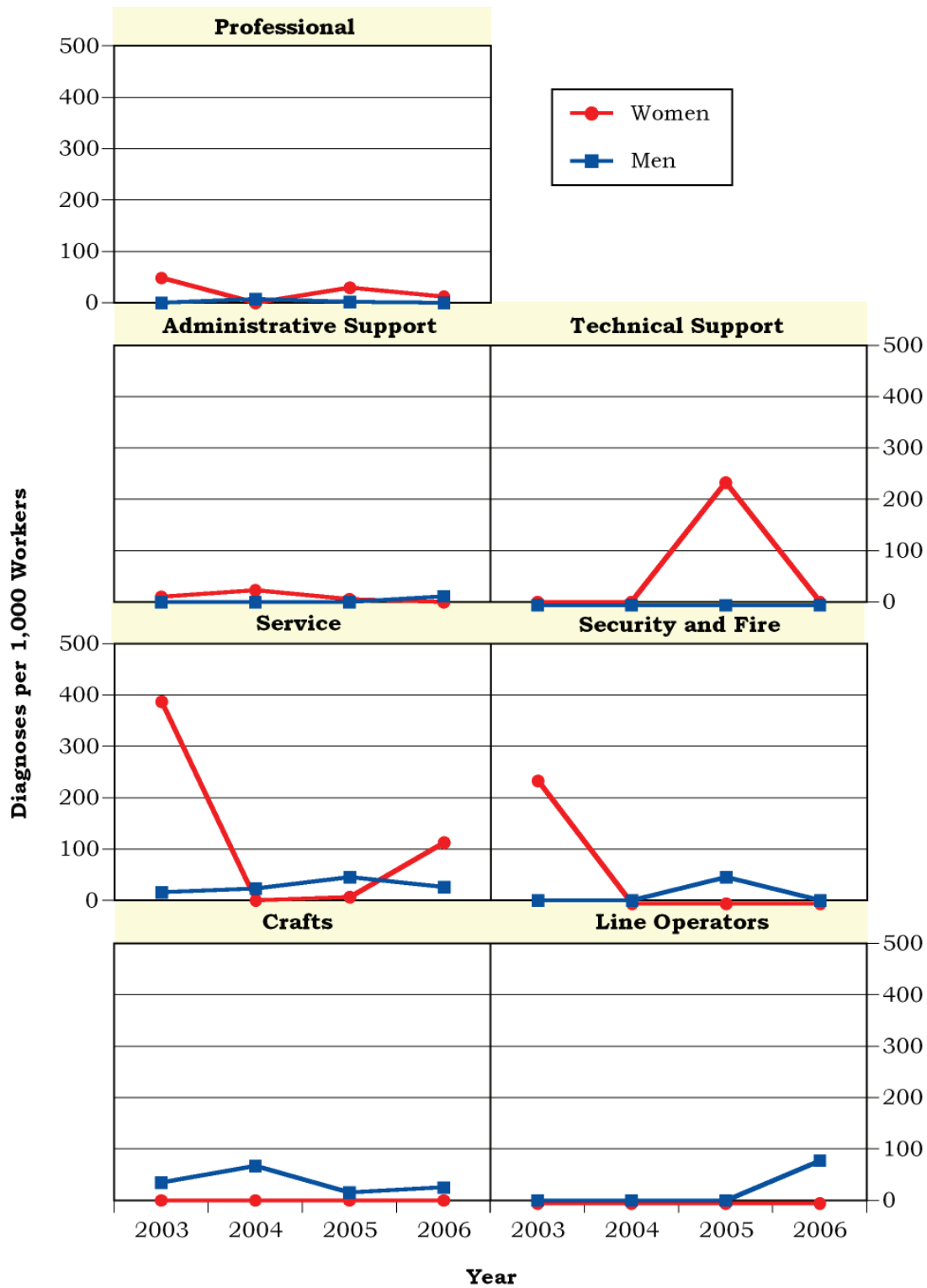


Figure 23. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined



Time Trends for OSHA-Recordable Events

Figure 24. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined Among Women and Men by Job Category from 2003 to 2006*



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

Appendices

East Tennessee Technology Park 2006

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	3	25	49	50	127	11	41	163	332	547	674
Administrative Support	6	22	62	86	176	8	9	20	41	78	254
Technical Support	0	1	2	5	8	2	2	4	4	12	20
Service	20	28	43	37	128	130	87	75	85	377	505
Security and Fire	0	1	0	0	1	6	19	12	13	50	51
Crafts	2	1	2	2	7	35	35	45	82	197	204
Line Operators	0	1	1	2	4	5	19	25	30	79	83
TOTAL	31	79	159	182	451	197	212	344	587	1,340	1,791

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
2006	6.87	17.52	35.25	40.35	14.70	15.82	25.67	43.81

East Tennessee Technology Park 2006

Absence Data

Appendix C. Total Number of Workers Who Reported at Least One Absence by Gender, Age, and Job Category*

Job Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	0	2	6	5	13	0	1	11	16	28	41
Administrative Support	0	2	8	8	18	1	0	3	3	7	25
Service	1	1	4	6	12	2	2	3	10	17	29
Security and Fire	0	0	0	0	0	1	0	4	1	6	6
Crafts	0	0	0	0	0	1	0	2	9	12	12
Line Operators	0	0	0	0	0	1	0	1	3	5	5
TOTAL	1	5	18	19	43	6	3	24	42	75	118

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

Appendix D. Total Number of Absences by Gender, Age, and Job Category*

Job Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	0	2	6	6	14	0	1	12	18	31	45
Administrative Support	0	3	9	10	22	1	0	3	3	7	29
Service	1	1	5	6	13	2	3	3	11	19	32
Security and Fire	0	0	0	0	0	1	0	5	1	7	7
Crafts	0	0	0	0	0	1	0	2	9	12	12
Line Operators	0	0	0	0	0	2	0	1	3	6	6
TOTAL	1	6	20	22	49	7	4	26	45	82	131

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

East Tennessee Technology Park 2006

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	1	2	6	8	17	3	1	8	10	22	39
15 - 28	0	1	4	6	11	3	1	8	11	23	34
29 - 42	0	0	3	4	7	0	0	4	5	9	16
43 - 56	0	3	4	2	9	0	0	2	3	5	14
57 - 91	0	0	1	0	1	0	2	2	3	7	8
92 - 182	0	0	1	2	3	1	0	2	11	14	17
183 +	0	0	1	0	1	0	0	0	2	2	3
TOTAL	1	6	20	22	49	7	4	26	45	82	131

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

East Tennessee Technology Park 2006

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	Service	Security and Fire	Crafts	Line Operators	
< 15	3	9	5	0	0	0	17
15 - 28	4	5	2	0	0	0	11
29 - 42	2	3	2	0	0	0	7
43 - 56	3	5	1	0	0	0	9
57 - 91	0	0	1	0	0	0	1
92 - 182	1	0	2	0	0	0	3
183 +	1	0	0	0	0	0	1
TOTAL	14	22	13	0	0	0	49

Men

# of Calendar Days	Job Category						TOTAL
	Professional	Administrative Support	Service	Security and Fire	Crafts	Line Operators	
< 15	8	1	7	2	2	2	22
15 - 28	9	3	6	1	3	1	23
29 - 42	3	1	1	2	1	1	9
43 - 56	3	1	0	1	0	0	5
57 - 91	2	1	1	0	2	1	7
92 - 182	4	0	4	1	4	1	14
183 +	2	0	0	0	0	0	2
TOTAL	31	7	19	7	12	6	82

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

East Tennessee Technology Park 2006

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	1	0	1	2
-Polio & Other Viral CNS Dis	045-049	0	0	0	0	0
-Viral Dis with Exanthem	050-057	0	1	0	0	1
-Other Viral Dis & Chlamydiae	070-079	0	0	0	1	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	1	0	1
-Digestive & Peritoneal	150-159	0	0	0	0	0
-Respiratory & Intrathoracic	160-165	0	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	1	0	1
-Genitourinary	179-189	0	0	0	0	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	2	1	3
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	1	1
-Thyroid Gland Disorders	240-246	0	0	0	1	1
MENTAL DISORDERS	290-319	0	3	4	2	9
-Psychoses	290-299	0	2	3	0	5
-Non-Psychotic Disorders	300-302, 306-316	0	1	1	2	4
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	0	1	2
-Disorders of Peripheral NS	350-359	0	0	0	0	0
-Disorders of Eye	360-379	0	1	0	1	2
CIRCULATORY SYSTEM	390-459	0	0	2	2	4
-Chronic Rheumatic Heart Dis	393-398	0	0	0	0	0
-Hypertensive Dis	401-405	0	0	0	0	0
-Ischemic Heart Dis	410-414	0	0	0	0	0
-Dis of Pulmonary Circulation	415-417	0	0	0	0	0
-Other Heart Dis	420-429	0	0	1	1	2
-Cerebrovascular Dis	430-438	0	0	1	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	1	1
RESPIRATORY SYSTEM	460-519	0	0	1	2	3
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0
-Pneumonia & Influenza	480-487	0	0	0	0	0
-Chronic Obstructive Dis	490-496	0	0	1	1	2
-Other Respiratory Dis	510-519	0	0	0	1	1
DIGESTIVE SYSTEM	520-579	0	0	2	0	2
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	0	0
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0
-Appendicitis	540-543	0	0	0	0	0
-Hernia	550-553	0	0	0	0	0
-Other Digestive Dis	570-579	0	0	2	0	2

(Continued)

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

East Tennessee Technology Park 2006

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	1	1	0	0	2	4	
-Polio & Other Viral CNS Dis	045-049	0	1	0	0	1	1	
-Viral Dis with Exanthem	050-057	0	0	0	0	0	1	
-Other Viral Dis & Chlamydiae	070-079	1	0	0	0	1	2	
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	6	6	7	
-Digestive & Peritoneal	150-159	0	0	0	1	1	1	
-Respiratory & Intrathoracic	160-165	0	0	0	1	1	1	
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0	1	
-Genitourinary	179-189	0	0	0	4	4	4	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	1	0	0	1	4	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	0	0	1	
-Thyroid Gland Disorders	240-246	0	0	0	0	0	1	
MENTAL DISORDERS	290-319	0	0	1	0	1	10	
-Psychoses	290-299	0	0	0	0	0	5	
-Non-Psychotic Disorders	300-302, 306-316	0	0	1	0	1	5	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	2	1	3	5	
-Disorders of Peripheral NS	350-359	0	0	1	0	1	1	
-Disorders of Eye	360-379	0	0	1	1	2	4	
CIRCULATORY SYSTEM	390-459	0	2	2	5	9	13	
-Chronic Rheumatic Heart Dis	393-398	0	0	1	0	1	1	
-Hypertensive Dis	401-405	0	0	0	1	1	1	
-Ischemic Heart Dis	410-414	0	0	1	1	2	2	
-Dis of Pulmonary Circulation	415-417	0	0	0	1	1	1	
-Other Heart Dis	420-429	0	1	0	2	3	5	
-Cerebrovascular Dis	430-438	0	1	0	0	1	2	
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	0	0	1	
RESPIRATORY SYSTEM	460-519	0	0	1	3	4	7	
-Other Dis Upper Respiratory Tract	470-478	0	0	1	0	1	1	
-Pneumonia & Influenza	480-487	0	0	0	2	2	2	
-Chronic Obstructive Dis	490-496	0	0	0	0	0	2	
-Other Respiratory Dis	510-519	0	0	0	1	1	2	
DIGESTIVE SYSTEM	520-579	0	0	4	7	11	13	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	1	1	1	
-Esophagus, Stomach, Duodenum	530-537	0	0	0	1	1	1	
-Appendicitis	540-543	0	0	1	0	1	1	
-Hernia	550-553	0	0	3	2	5	5	
-Other Digestive Dis	570-579	0	0	0	3	3	5	

(Continued)

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

East Tennessee Technology Park 2006

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	0	5	5	10
-Other Urinary Dis	590-599	0	0	0	0	0
-Male Genital Organ Dis	600-608	0	0	0	0	0
-Breast Disorders	610-611	0	0	1	1	2
-Other Female Disorders	617-629	0	0	4	4	8
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	3	3
-Infections	680-686	0	0	0	2	2
-Other	700-709	0	0	0	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	1	4	6	11
-Arthropathies	710-719	0	0	0	0	0
-Dorsopathies	720-724	0	0	1	3	4
-Rheumatism, Excluding Back	725-729	0	1	2	2	5
-Other Dis & Acquired Deformities	730-739	0	0	1	1	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	1	2	3
-Symptoms	780-789	0	0	1	2	3
INJURY & POISONING	800-999	1	0	0	0	1
-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	0	0
-Sprains & Strains - Back	846-847	1	0	0	0	1
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0
-Complications of Surgical/Medical Care	996-999	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 2006

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						
GENTOURINARY SYSTEM	580-629	0	0	1	1	2	12
-Other Urinary Dis	590-599	0	0	0	1	1	1
-Male Genital Organ Dis	600-608	0	0	1	0	1	1
-Breast Disorders	610-611	0	0	0	0	0	2
-Other Female Disorders	617-629	0	0	0	0	0	8
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	1	1	2	5
-Infections	680-686	0	0	1	1	2	4
-Other	700-709	0	0	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	4	0	11	15	30	41
-Arthropathies	710-719	0	0	1	5	6	6
-Dorsopathies	720-724	1	0	7	5	13	17
-Rheumatism, Excluding Back	725-729	2	0	3	3	8	13
-Other Dis & Acquired Deformities	730-739	1	0	0	2	3	5
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	0	0	2	3	6
-Symptoms	780-789	1	0	0	2	3	6
INJURY & POISONING	800-999	3	1	4	4	12	13
-Fracture - Neck, Trunk	805-809	0	0	0	1	1	1
-Fracture - Upper Limb	810-819	0	0	1	1	2	2
-Fracture - Lower Limb	820-829	0	1	0	2	3	3
-Sprains & Strains - Back	846-847	2	0	0	0	2	3
-Sprains & Strains - Other	840-845, 848	1	0	2	0	3	3
-Complications of Surgical/Medical Care	996-999	0	0	1	0	1	1

	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category											
Total	1	6	22	26	55	9	5	27	45	86	141

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

East Tennessee Technology Park 2006

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	8	0	13	21
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	4	0	4
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	64	19	83
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	154	154
MENTAL DISORDERS	290-319	0	124	237	182	543
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	12	0	7	19
CIRCULATORY SYSTEM	390-459	0	0	189	59	248
RESPIRATORY SYSTEM	460-519	0	0	8	22	30
DIGESTIVE SYSTEM	520-579	0	0	30	0	30
GENTOURINARY SYSTEM	580-629	0	0	148	128	276
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	53	53
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	55	201	338	594
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	37	191	228
INJURY & POISONING	800-999	12	0	0	0	12

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	10	17	0	0	27	48
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	734	734	738
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	4	0	0	4	87
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	0	0	154
MENTAL DISORDERS	290-319	0	0	2	0	2	545
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	94	30	124	143
CIRCULATORY SYSTEM	390-459	0	83	212	223	518	766
RESPIRATORY SYSTEM	460-519	0	0	12	38	50	80
DIGESTIVE SYSTEM	520-579	0	0	58	208	266	296
GENTOURINARY SYSTEM	580-629	0	0	20	55	75	351
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	5	10	15	68
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	169	0	480	1,072	1,721	2,315
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	13	0	0	25	38	266
INJURY & POISONING	800-999	42	81	63	243	429	441

*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 2006

Absence Data

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

		Women			
		Job Category			TOTAL
		Professional	Administrative Support	Service	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	2	0	2
-Viral Dis with Exanthem	050-057	0	1	0	1
-Other Viral Dis & Chlamydiae	070-079	0	1	0	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	1	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	1	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	2	1	0	3
ENDOCRINE/METABOLIC/IMMUNITY	240-279	1	0	0	1
-Thyroid Gland Disorders	240-246	1	0	0	1
MENTAL DISORDERS	290-319	5	2	2	9
-Psychoses	290-299	3	1	1	5
-Non-Psychotic Disorders	300-302, 306-316	2	1	1	4
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	1	2
-Disorders of Eye	360-379	0	1	1	2
CIRCULATORY SYSTEM	390-459	0	3	1	4
-Other Heart Dis	420-429	0	2	0	2
-Cerebrovascular Dis	430-438	0	0	1	1
-Dis of Veins, Lymphatics, Other	451-459	0	1	0	1
RESPIRATORY SYSTEM	460-519	1	2	0	3
-Chronic Obstructive Dis	490-496	1	1	0	2
-Other Respiratory Dis	510-519	0	1	0	1
DIGESTIVE SYSTEM	520-579	0	2	0	2
-Other Digestive Dis	570-579	0	2	0	2
GENTOURINARY SYSTEM	580-629	3	6	1	10
-Breast Disorders	610-611	1	0	1	2
-Other Female Disorders	617-629	2	6	0	8
SKIN & SUBCUTANEOUS TISSUE	680-709	1	0	2	3
-Infections	680-686	0	0	2	2
-Other	700-709	1	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	3	2	6	11
-Dorsopathies	720-724	1	0	3	4
-Rheumatism, Excluding Back	725-729	2	1	2	5
-Other Dis & Acquired Deformities	730-739	0	1	1	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	2	1	0	3
-Symptoms	780-789	2	1	0	3
INJURY & POISONING	800-999	0	0	1	1
-Sprains & Strains - Back	846-847	0	0	1	1

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

East Tennessee Technology Park 2006

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	Service	
Total	18	22	15	55

Diagnostic Category		Men							
		Job Category						TOTAL	
		Professional	Administrative Support	Service	Security and Fire	Crafts	Line Operators		
		ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)		001-139	0	0	2	0	0	0	2
-Polio & Other Viral CNS Dis		045-049	0	0	1	0	0	0	1
-Other Viral Dis & Chlamydiae		070-079	0	0	1	0	0	0	1
MALIGNANT NEOPLASMS		140-208, 230-234	4	1	1	0	0	0	6
-Digestive & Peritoneal		150-159	1	0	0	0	0	0	1
-Respiratory & Intrathoracic		160-165	1	0	0	0	0	0	1
-Genitourinary		179-189	2	1	1	0	0	0	4
BENIGN & UNCERTAIN NEOPLASMS		210-229, 235-239	0	0	1	0	0	0	1
MENTAL DISORDERS		290-319	1	0	0	0	0	0	1
-Non-Psychotic Disorders		300-302, 306-316	1	0	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS		320-389	2	0	1	0	0	0	3
-Disorders of Peripheral NS		350-359	1	0	0	0	0	0	1
-Disorders of Eye		360-379	1	0	1	0	0	0	2
CIRCULATORY SYSTEM		390-459	7	0	0	0	1	1	9
-Chronic Rheumatic Heart Dis		393-398	0	0	0	0	1	0	1
-Hypertensive Dis		401-405	1	0	0	0	0	0	1
-Ischemic Heart Dis		410-414	2	0	0	0	0	0	2
-Dis of Pulmonary Circulation		415-417	1	0	0	0	0	0	1
-Other Heart Dis		420-429	2	0	0	0	0	1	3
-Cerebrovascular Dis		430-438	1	0	0	0	0	0	1
RESPIRATORY SYSTEM		460-519	1	0	1	0	1	1	4
-Other Dis Upper Respiratory Tract		470-478	0	0	0	0	0	1	1
-Pneumonia & Influenza		480-487	1	0	1	0	0	0	2
-Other Respiratory Dis		510-519	0	0	0	0	1	0	1

(Continued)

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

East Tennessee Technology Park 2006

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	Service	Security and Fire	Crafts	Line Operators	
ICD-9-CM Code								
DIGESTIVE SYSTEM	520-579	5	1	3	0	1	1	11
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	0	0	0	1
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0	1	1
-Appendicitis	540-543	1	0	0	0	0	0	1
-Hernia	550-553	2	1	1	0	1	0	5
-Other Digestive Dis	570-579	2	0	1	0	0	0	3
GENITOURINARY SYSTEM	580-629	1	1	0	0	0	0	2
-Other Urinary Dis	590-599	0	1	0	0	0	0	1
-Male Genital Organ Dis	600-608	1	0	0	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	1	0	0	1	0	2
-Infections	680-686	0	1	0	0	1	0	2
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	6	2	7	5	7	3	30
-Arthropathies	710-719	2	1	1	0	2	0	6
-Dorsopathies	720-724	1	0	6	3	3	0	13
-Rheumatism, Excluding Back	725-729	3	0	0	2	1	2	8
-Other Dis & Acquired Deformities	730-739	0	1	0	0	1	1	3
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	2	0	0	0	0	1	3
-Symptoms	780-789	2	0	0	0	0	1	3
INJURY & POISONING	800-999	3	1	4	2	1	1	12
-Fracture - Neck, Trunk	805-809	0	0	1	0	0	0	1
-Fracture - Upper Limb	810-819	1	0	0	0	1	0	2
-Fracture - Lower Limb	820-829	1	0	2	0	0	0	3
-Sprains & Strains - Back	846-847	0	0	0	1	0	1	2
-Sprains & Strains - Other	840-845, 848	0	1	1	1	0	0	3
-Complications of Surgical/Medical Care	996-999	1	0	0	0	0	0	1

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

East Tennessee Technology Park 2006

Absence Data

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

	Men						
	Job Category						TOTAL
	Professional	Administrative Support	Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category							
Total	32	7	20	7	12	8	86

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

East Tennessee Technology Park 2006

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	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	21	0	21
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	4	4
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	56	27	0	83
ENDOCRINE/METABOLIC/IMMUNITY	240-279	154	0	0	154
MENTAL DISORDERS	290-319	436	72	35	543
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	7	12	19
CIRCULATORY SYSTEM	390-459	0	69	179	248
RESPIRATORY SYSTEM	460-519	8	22	0	30
DIGESTIVE SYSTEM	520-579	0	30	0	30
GENTOURINARY SYSTEM	580-629	83	180	13	276
SKIN & SUBCUTANEOUS TISSUE	680-709	13	0	40	53
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	131	90	373	594
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	191	37	0	228
INJURY & POISONING	800-999	0	0	12	12

		Men						TOTAL
		Job Category						
		Professional	Administrative Support	Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	27	0	0	0	27
MALIGNANT NEOPLASMS	140-208, 230-234	605	34	95	0	0	0	734
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	4	0	0	0	4
MENTAL DISORDERS	290-319	2	0	0	0	0	0	2
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	94	0	30	0	0	0	124
CIRCULATORY SYSTEM	390-459	306	0	0	0	179	33	518
RESPIRATORY SYSTEM	460-519	10	0	9	0	19	12	50
DIGESTIVE SYSTEM	520-579	91	18	54	0	84	19	266
GENTOURINARY SYSTEM	580-629	20	55	0	0	0	0	75
SKIN & SUBCUTANEOUS TISSUE	680-709	0	5	0	0	10	0	15
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	259	85	427	223	542	185	1,721

(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	Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code							
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	25	0	0	0	0	13	38
INJURY & POISONING	800-999	86	23	198	27	82	13	429

*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 2006

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	2	2.4	0.6	9.8
Cancer	140-208, 230-234	6	3.0	1.3	7.2
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0
-Digestive Organs	150-159	1	0.8	0.1	5.6
-Respiratory System	160-165	1	0.4	0.1	2.6
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	4	1.9	0.7	5.4
-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	1.1	0.2	8.0
Endocrine/Metabolic	240-279	0	0	0	0
-Other Endocrine Glands	250-259	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	1	0.7	0.1	4.8
-Non-Psychotic Conditions	300-302, 306-316	1	0.7	0.1	4.8
Nervous System	320-389	3	1.7	0.5	5.5
-Disorders of Peripheral NS	350-359	1	0.7	0.1	4.8
Heart/Circulatory	390-459	9	5.4	2.6	11.3
-Hypertensive Disease	401-405	1	0.4	0.1	2.6
-Ischemic Heart Disease	410-414	2	1.0	0.2	4.4
Respiratory	460-519	4	1.8	0.6	4.9
-Chronic Obstructive Diseases	490-496	0	0	0	0
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	11	5.2	2.8	9.7
-Hernias	550-553	5	2.7	1.1	6.8
Genitourinary	580-629	2	1.5	0.4	5.9
-Nephritis, Nephrosis	580-589	0	0	0	0
Miscarriage**	630-677	0	0	0	0
Skin	680-709	2	1.0	0.2	4.4
Musculoskeletal	710-739	30	18.6	12.4	27.7
-Arthropathies	710-719	6	2.5	1.1	5.7
-Dorsopathies	720-724	13	8.3	4.6	14.8
-Rheumatism, Excluding Back	725-729	8	5.8	2.6	12.5
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 2006

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	2.1	0.5	8.0
Injury	800-999	12	10.1	5.5	18.5
-Fractures - Skull, Neck, Trunk	800-809	1	0.4	0.1	2.6
-Fractures - Upper Limb	810-819	2	1.0	0.2	4.4
-Fractures - Lower Limb	820-829	3	2.7	0.9	8.5
-Dislocations	830-839	0	0	0	0
-Back Sprains & Strains	846-847	2	2.6	0.7	10.6
-Other Sprains & Strains	840-845, 848	3	2.7	0.8	8.8
-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	0	0	0	0
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		86	54.6	43.2	69.2

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	2	4.0	0.9	18.5
Cancer	140-208, 230-234	1	1.5	0.2	10.4
-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	1.5	0.2	10.4
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-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	3	4.0	1.3	12.5
Endocrine/Metabolic	240-279	1	1.1	0.2	7.6
-Other Endocrine Glands	250-259	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	9	16.8	8.3	34.1
-Non-Psychotic Conditions	300-302, 306-316	4	6.5	2.2	19.3
Nervous System	320-389	2	4.0	0.9	18.5

*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 2006

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	4	5.1	1.9	13.6
-Hypertensive Disease	401-405	0	0	0	0
-Ischemic Heart Disease	410-414	0	0	0	0
Respiratory	460-519	3	3.6	1.1	11.3
-Chronic Obstructive Diseases	490-496	2	2.5	0.6	10.3
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	2	2.9	0.7	11.7
-Hernias	550-553	0	0	0	0
Genitourinary	580-629	10	21.6	9.8	47.6
-Nephritis, Nephrosis	580-589	0	0	0	0
Miscarriage**	630-677	0	0	0	0
Skin	680-709	3	12.2	3.4	43.6
Musculoskeletal	710-739	11	19.7	9.5	40.8
-Arthropathies	710-719	0	0	0	0
-Dorsopathies	720-724	4	4.7	1.7	12.6
-Rheumatism, Excluding Back	725-729	5	12.5	4.4	35.7
Congenital Anomalies	740-759	0	0	0	0
Unspecified Symptoms	780-799	3	8.1	2.0	33.3
Injury	800-999	1	8.0	1.1	56.5
-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
-Back Sprains & Strains	846-847	1	8.0	1.1	56.5
-Other Sprains & Strains	840-845, 848	0	0	0	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	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		55	112.4	80.4	157.2

*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 2006

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	4	3.0	1.0	8.6
Cancer	140-208, 230-234	7	3.0	1.3	6.8
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0
-Digestive Organs	150-159	1	0.7	0.1	5.1
-Respiratory System	160-165	1	0.3	0.0	1.9
-Bone, Connective Tissue, Skin	170-173, 176	1	0.5	0.1	3.3
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	4	1.5	0.5	4.6
-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	4	2.0	0.7	5.7
Endocrine/Metabolic	240-279	1	0.3	0.0	1.9
-Other Endocrine Glands	250-259	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	10	5.3	2.7	10.2
-Non-Psychotic Conditions	300-302, 306-316	5	2.3	0.9	5.9
Nervous System	320-389	5	2.3	0.9	5.9
-Disorders of Peripheral NS	350-359	1	0.5	0.1	3.3
Heart/Circulatory	390-459	13	5.4	3.0	9.8
-Hypertensive Disease	401-405	1	0.3	0.0	1.9
-Ischemic Heart Disease	410-414	2	0.7	0.2	3.1
Respiratory	460-519	7	2.3	1.1	4.9
-Chronic Obstructive Diseases	490-496	2	0.7	0.2	3.1
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	13	4.7	2.7	8.2
-Hernias	550-553	5	1.9	0.8	4.8
Genitourinary	580-629	12	5.8	3.2	10.5
-Nephritis, Nephrosis	580-589	0	0	0	0
Miscarriage**	630-677	0	0	0	0
Skin	680-709	5	2.5	1.0	6.3
Musculoskeletal	710-739	41	18.8	13.3	26.7
-Arthropathies	710-719	6	1.8	0.8	4.2
-Dorsopathies	720-724	17	7.4	4.4	12.6
-Rheumatism, Excluding Back	725-729	13	7.2	3.9	13.2
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 2006

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	6	3.1	1.2	7.9
Injury	800-999	13	9.1	5.0	16.5
-Fractures - Skull, Neck, Trunk	800-809	1	0.3	0.0	1.9
-Fractures - Upper Limb	810-819	2	0.7	0.2	3.1
-Fractures - Lower Limb	820-829	3	2.3	0.7	7.0
-Dislocations	830-839	0	0	0	0
-Back Sprains & Strains	846-847	3	3.3	1.1	10.3
-Other Sprains & Strains	840-845, 848	3	2.0	0.6	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	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		141	67.4	56.0	81.2

*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 2006
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	
	30 - 39	40 - 49	50 +		16 - 29	40 - 49	50 +		
Administrative Support	0	0	0	0	0	1	0	1	1
Service	1	3	4	8	2	3	2	7	15
Crafts	0	0	0	0	1	0	1	2	2
Line Operators	0	0	0	0	1	1	1	3	3
TOTAL	1	3	4	8	4	5	4	13	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	84	96	4	84	96
30 - 39	1	0	0	0	0	0	1	0	0
40 - 49	3	5	180	5	0	0	8	5	180
50 +	5	11	14	5	69	14	10	80	28
TOTAL	9	16	194	14	153	110	23	169	304

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
Administrative Support	0	0	0	1	0	0	1	0	0
Service	9	16	194	8	0	14	17	16	208
Crafts	0	0	0	2	84	96	2	84	96
Line Operators	0	0	0	3	69	0	3	69	0
Total	9	16	194	14	153	110	23	169	304

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

East Tennessee Technology Park 2006

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	40 - 49	50 +		16 - 29	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code									
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	0	1	0	0	0	0	1
-Disorders of Peripheral NS	350-359	0	1	0	1	0	0	0	0	1
RESPIRATORY SYSTEM	460-519	0	0	0	0	1	0	1	2	2
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	1	1	1
-Other Respiratory Dis	510-519	0	0	0	0	1	0	0	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	1	3	4	0	1	1	2	6
-Arthropathies	710-719	0	0	2	2	0	1	1	2	4
-Rheumatism, Excluding Back	725-729	0	1	1	2	0	0	0	0	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	1	1	0	0	0	0	1
-Symptoms	780-789	0	0	1	1	0	0	0	0	1
INJURY & POISONING	800-999	1	2	4	7	5	6	4	15	22
-Fracture - Skull	800-804	0	0	0	0	0	0	1	1	1
-Fracture - Upper Limb	810-819	0	0	0	0	1	1	0	2	2
-Fracture - Lower Limb	820-829	0	0	0	0	1	0	0	1	1
-Dislocation	830-839	0	0	1	1	0	0	0	0	1
-Sprains & Strains - Back	846-847	0	1	0	1	0	1	0	1	2
-Sprains & Strains - Other	840-845, 848	1	0	0	1	0	0	0	0	1
-Open Wound - Upper Limb	880-887	0	0	0	0	2	1	0	3	3
-Open Wound - Lower Limb	890-897	0	0	0	0	1	0	0	1	1
-Foreign Body Entering Orifice	930-939	0	0	1	1	0	1	1	2	3
-Burns	940-949	0	0	0	0	0	1	0	1	1
-Complications & Unspecified Injuries	958-959	0	1	2	3	0	1	2	3	6

Diagnostic Category	Women				Men				TOTAL
	Age Group			TOTAL	Age Group			TOTAL	
	30 - 39	40 - 49	50 +		16 - 29	40 - 49	50 +		
Total	1	4	8	13	6	7	6	19	32

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

East Tennessee Technology Park 2006

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		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	0	0	0	0
-Arthropathies	710-719	0	0	0	0	0	14
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	14
-Symptoms	780-789	0	0	0	0	0	0
-Dislocation	830-839	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	5	0	0	0
-Sprains & Strains - Other	840-845, 848	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	180	11	14

		Men					
		Age Group					
		16 - 29		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	14
-Other Respiratory Dis	510-519	84	96	0	0	0	0
-Arthropathies	710-719	0	0	0	0	0	0
-Fracture - Skull	800-804	0	0	0	0	0	14
-Fracture - Upper Limb	810-819	84	96	0	0	0	0
-Fracture - Lower Limb	820-829	84	96	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0
-Burns	940-949	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	69	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 2006
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	40 - 49	50 +		16 - 29	40 - 49	50 +		
Type of Accident	E Codes									
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0	1	1	1
Falls	E880-E888	0	1	1	2	1	1	0	2	4
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	1	1	0	1	1	2	3
Other Accidents	E916-E928	1	2	3	6	3	3	3	9	15

*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		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Falls	E880-E888	0	0	0	180	0	14
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	5	0	11	0

		Men					
		Age Group					
		16 - 29		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Motor Vehicle Traffic	E810-E819	0	0	0	0	69	0
Falls	E880-E888	84	96	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	0	0	0	14

*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 2006

OSHA Data

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

		Women	
		Job Category	TOTAL
		Service	
Diagnostic Category	ICD-9-CM Code		
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	1
-Disorders of Peripheral NS	350-359	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	4	4
-Arthropathies	710-719	2	2
-Rheumatism, Excluding Back	725-729	2	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	1
-Symptoms	780-789	1	1
INJURY & POISONING	800-999	7	7
-Dislocation	830-839	1	1
-Sprains & Strains - Back	846-847	1	1
-Sprains & Strains - Other	840-845, 848	1	1
-Foreign Body Entering Orifice	930-939	1	1
-Complications & Unspecified Injuries	958-959	3	3

	Women	
	Job Category	TOTAL
	Service	
Diagnostic Category		
Total	13	13

		Men				
		Job Category				TOTAL
		Administrative Support	Service	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code					
RESPIRATORY SYSTEM	460-519	0	1	1	0	2
-Other Dis Upper Respiratory Tract	470-478	0	1	0	0	1
-Other Respiratory Dis	510-519	0	0	1	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	2	0	0	2
-Arthropathies	710-719	0	2	0	0	2
INJURY & POISONING	800-999	1	7	3	4	15
-Fracture - Skull	800-804	0	1	0	0	1
-Fracture - Upper Limb	810-819	0	0	1	1	2
-Fracture - Lower Limb	820-829	0	0	1	0	1

(Continued)

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

East Tennessee Technology Park 2006

OSHA Data

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

		Men				
		Job Category				TOTAL
		Administrative Support	Service	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code					
-Sprains & Strains - Back	846-847	0	1	0	0	1
-Open Wound - Upper Limb	880-887	0	1	0	2	3
-Open Wound - Lower Limb	890-897	0	1	0	0	1
-Foreign Body Entering Orifice	930-939	1	1	0	0	2
-Burns	940-949	0	1	0	0	1
-Complications & Unspecified Injuries	958-959	0	1	1	1	3

	Men				
	Job Category				TOTAL
	Administrative Support	Service	Crafts	Line Operators	
Diagnostic Category					
Total	1	10	4	4	19

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

East Tennessee Technology Park 2006

OSHA Data

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

		Women	
		Job Category	
		Service	
		Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes		
-Disorders of Peripheral NS	350-359	0	0
-Arthropathies	710-719	0	14
-Rheumatism, Excluding Back	725-729	0	14
-Symptoms	780-789	0	0
-Dislocation	830-839	0	0
-Sprains & Strains - Back	846-847	5	0
-Sprains & Strains - Other	840-845, 848	0	0
-Foreign Body Entering Orifice	930-939	0	0
-Complications & Unspecified Injuries	958-959	11	194

		Men							
		Job Category							
		Administrative Support		Service		Crafts		Line Operators	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Other Dis Upper Respiratory Tract	470-478	0	0	0	14	0	0	0	0
-Other Respiratory Dis	510-519	0	0	0	0	84	96	0	0
-Arthropathies	710-719	0	0	0	0	0	0	0	0
-Fracture - Skull	800-804	0	0	0	14	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	84	96	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	84	96	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0
-Burns	940-949	0	0	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0	69	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
		Service	
Type of Accident	E CODES		
Falls	E880-E888	2	2
Submersion/Suffocation/Foreign Bodies	E910-E915	1	1
Other Accidents	E916-E928	6	6

		Men				
		Job Category				TOTAL
		Administrative Support	Service	Crafts	Line Operators	
Type of Accident	E CODES					
Motor Vehicle Traffic	E810-E819	0	0	0	1	1
Falls	E880-E888	0	1	1	0	2
Submersion/Suffocation/Foreign Bodies	E910-E915	1	1	0	0	2
Other Accidents	E916-E928	0	6	1	2	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	
		Service	
		Days Restricted	Days Lost
Type of Accident	E Codes		
Falls	E880-E888	0	194
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0
Other Accidents	E916-E928	16	0

		Men							
		Job Category							
		Administrative Support		Service		Crafts		Line Operators	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0	69	0
Falls	E880-E888	0	0	0	0	84	96	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	0	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	2	1.7	0.3	8.3
-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	2	1.0	0.2	4.4
-Arthropathies	710-719	2	1.0	0.2	4.4
-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	15	12.1	6.9	21.2
-Fractures - Skull, Neck, Trunk	800-809	1	0.4	0.1	2.6
-Fractures - Upper Limb	810-819	2	2.0	0.5	8.6
-Fractures - Lower Limb	820-829	1	1.3	0.2	9.4
-Dislocations	830-839	0	0	0	0
-Back Sprains & Strains	846-847	1	0.7	0.1	4.8
-Other Sprains & Strains	840-845, 848	0	0	0	0
-Open Wounds - Head, Neck, Trunk	870-879	0	0	0	0
-Open Wounds - Upper Limb	880-887	3	3.3	1.0	10.7
-Open Wounds - Lower Limb	890-897	1	1.3	0.2	9.4
-Superficial Injuries	910-919	0	0	0	0
-Bruises	920-924	0	0	0	0
-Foreign Bodies Entering Orifice	930-939	2	1.0	0.2	4.4
-Burns	940-949	1	0.7	0.1	4.8

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

East Tennessee Technology Park 2006

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	1.4	0.4	4.6
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		19	14.8	9.0	24.5

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	1	1.5	0.2	10.4
-Disorders of Peripheral NS	350-359	1	1.5	0.2	10.4
-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	4	18.1	6.3	51.9
-Arthropathies	710-719	2	11.1	2.8	44.4
-Dorsopathies	720-724	0	0	0	0
-Rheumatism, Excluding Back	725-729	2	7.0	1.4	34.9
Unspecified Symptoms	780-799	1	1.1	0.2	7.6
Injury	800-999	7	19.1	7.8	47.0
-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	1	5.5	0.8	39.4

*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	1	1.5	0.2	10.4
-Other Sprains & Strains	840-845, 848	1	2.9	0.4	20.9
-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	1	1.1	0.2	7.6
-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	3	8.1	2.0	33.3
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		13	39.7	20.7	76.3

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	1	0.5	0.1	3.3
-Disorders of Peripheral NS	350-359	1	0.5	0.1	3.3
-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	2	1.4	0.3	7.0
-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	3.4	1.5	7.8

*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	4	2.2	0.8	6.2
-Dorsopathies	720-724	0	0	0	0
-Rheumatism, Excluding Back	725-729	2	1.2	0.3	4.9
Unspecified Symptoms	780-799	1	0.3	0.0	1.9
Injury	800-999	22	13.1	8.2	21.1
-Fractures - Skull, Neck, Trunk	800-809	1	0.3	0.0	1.9
-Fractures - Upper Limb	810-819	2	1.6	0.4	7.0
-Fractures - Lower Limb	820-829	1	1.1	0.2	7.9
-Dislocations	830-839	1	0.7	0.1	5.1
-Back Sprains & Strains	846-847	2	0.9	0.2	3.7
-Other Sprains & Strains	840-845, 848	1	0.8	0.1	5.7
-Open Wounds - Head, Neck, Trunk	870-879	0	0	0	0
-Open Wounds - Upper Limb	880-887	3	2.7	0.8	8.9
-Open Wounds - Lower Limb	890-897	1	1.1	0.2	7.9
-Superficial Injuries	910-919	0	0	0	0
-Bruises	920-924	0	0	0	0
-Foreign Bodies Entering Orifice	930-939	3	1.0	0.3	3.3
-Burns	940-949	1	0.5	0.1	3.3
-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	6	2.5	1.0	5.8
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		32	18.6	12.6	27.5

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