

2003

East Tennessee Technology Park Annual Illness and Injury Surveillance Report



East Tennessee Technology Park 2003 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 - 2003

Figure 1. The Work Force by Gender and Age

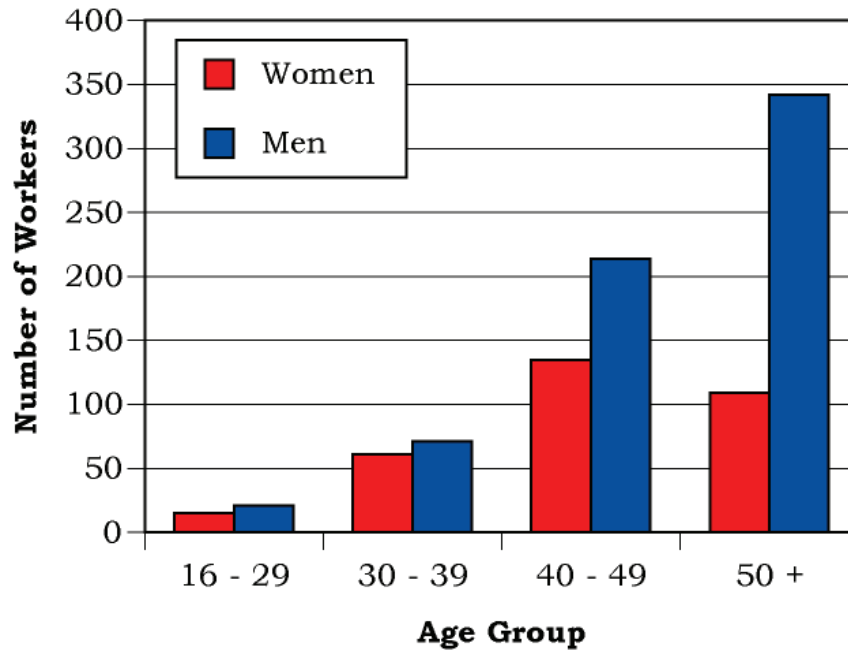


Figure 2. The Work Force by Gender and Job Category

Job Category	Women	Men
Professional	109 34%	407 63%
Administrative Support	188 59%	73 11%
Technical Support	4 1%	7 1%
Service	14 4%	41 6%
Security and Fire	3 1%	35 6%
Crafts	2 1%	76 12%
Line Operators	0 0%	9 1%
Total	320 100%	648 100%

Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

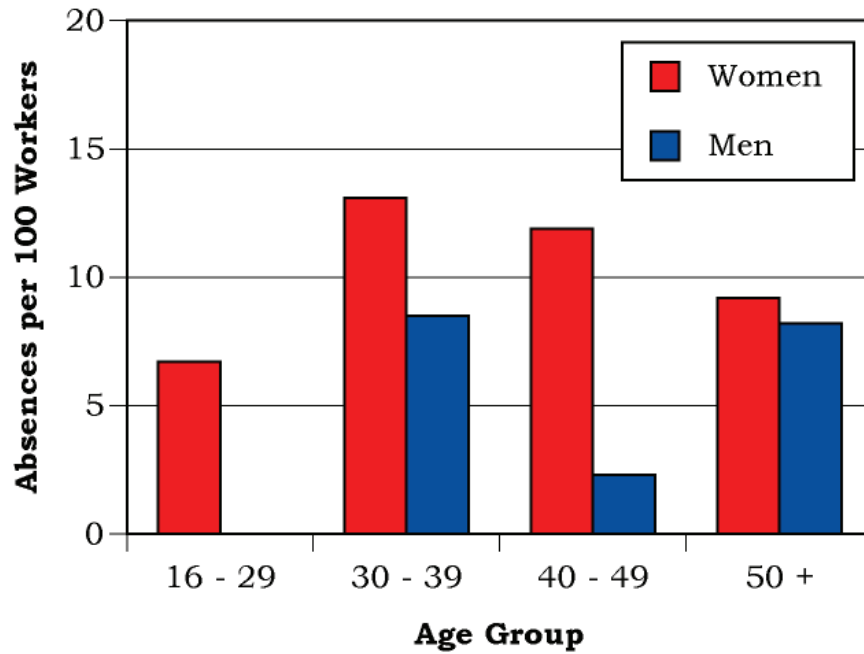


Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women	16-29	1	27	27
	30-39	8	115	14
	40-49	16	724	45
	50+	10	265	27
	Total	35	1,131	32
Men	16-29	0	0	0
	30-39	6	102	17
	40-49	5	213	43
	50+	28	1,144	41
	Total	39	1,459	37

Figure 5. Absence Rate by Job Category and Gender

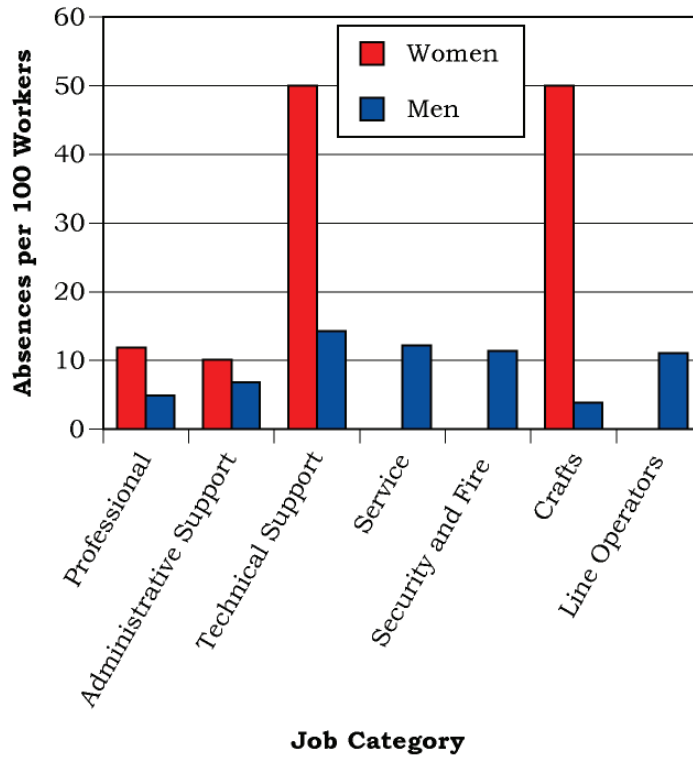
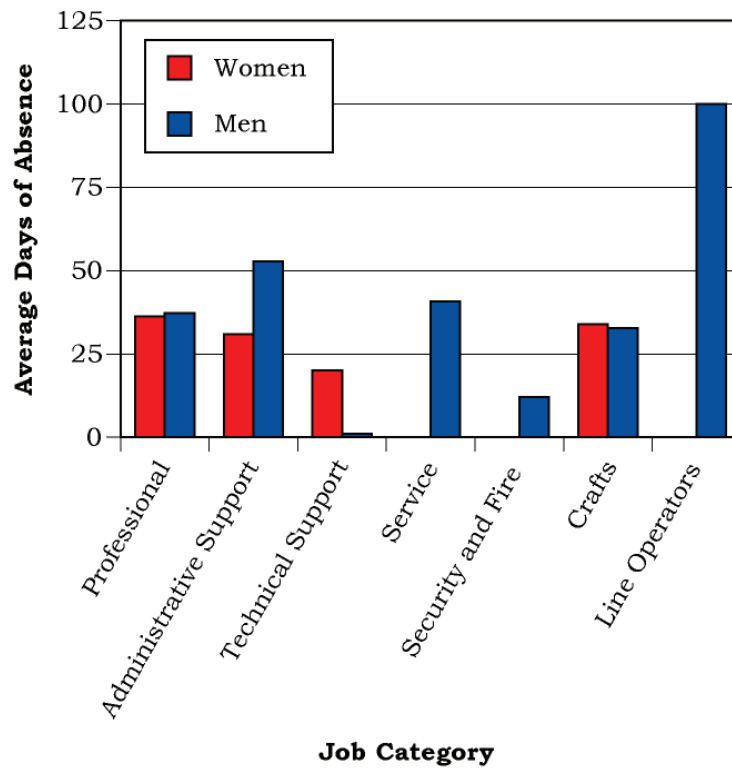


Figure 6. Average Duration of Absence by Job Category and Gender



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	96	1	34
Blood	0	0	0	0
Cancer	0	0	3	266
Digestive	5	69	3	76
Endocrine/Metabolic	0	0	0	0
Existing Birth Condition	0	0	0	0
Genitourinary	3	137	2	23
Heart/Circulatory	1	24	3	98
Infections/Parasites	0	0	0	0
Injury	9	161	9	272
Miscarriage	2	28	NA	NA
Musculoskeletal	7	337	8	372
Nervous System	1	20	1	2
Psychological	2	197	1	147
Respiratory	3	52	4	41
Skin	0	0	0	0
Unspecified Symptoms	1	10	4	128

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 2003

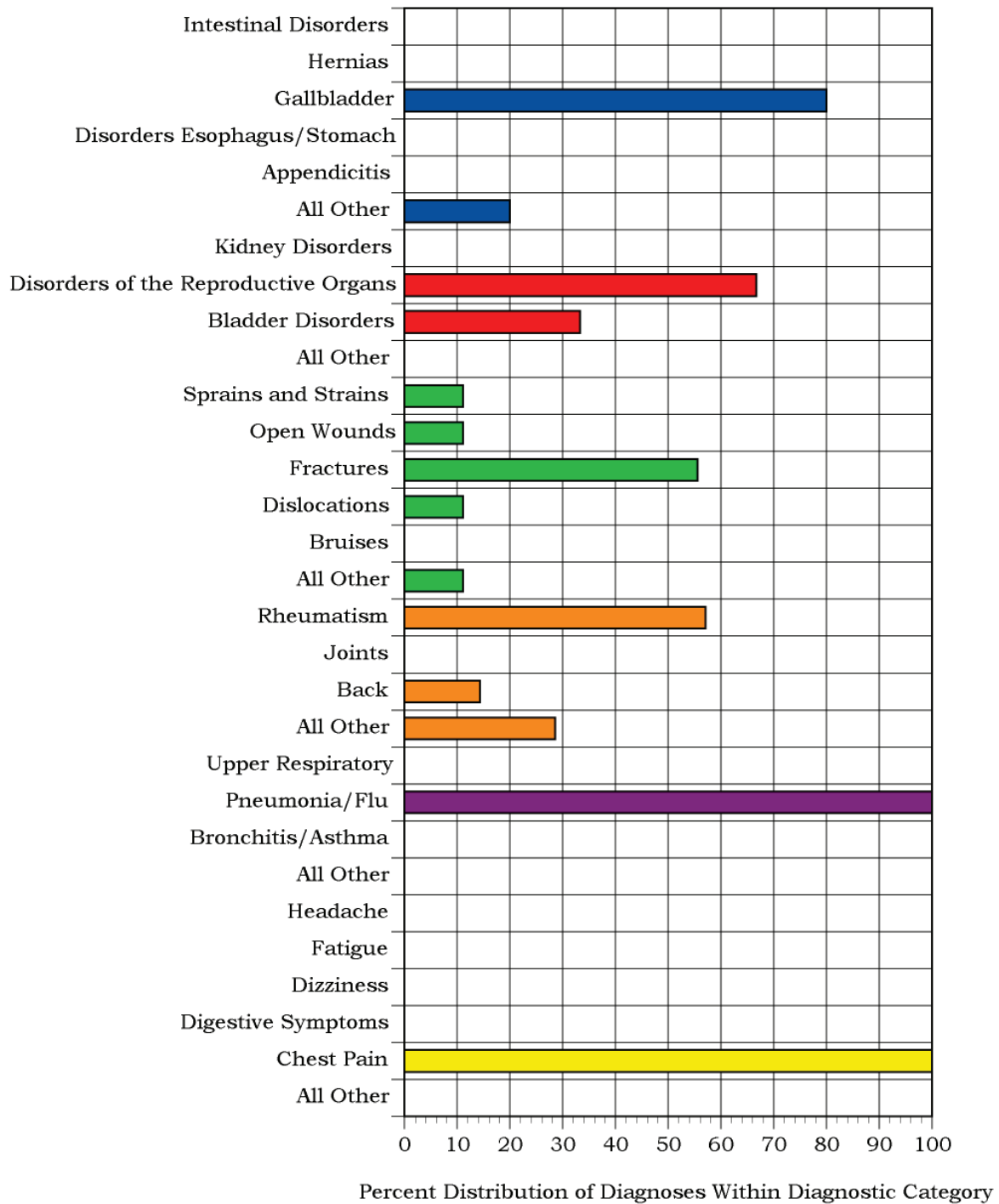
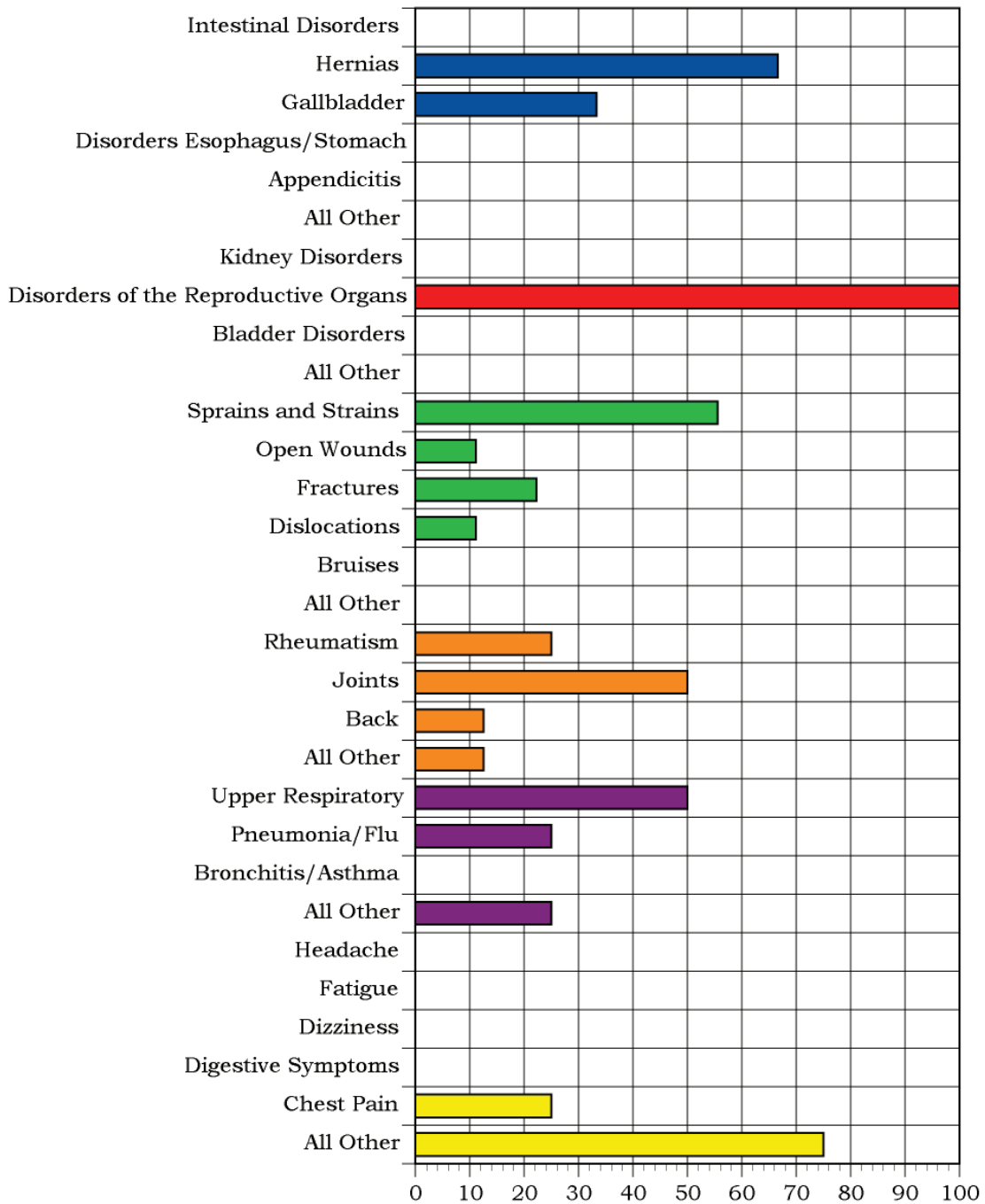


Figure 9. Common Diagnoses Among Male Workers in 2003



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	Injury	5	Injury	3
	Cancer	3	Musculoskeletal	3
	Heart/Circulatory	2	Respiratory	2
	Musculoskeletal	2		
	Respiratory	2		
	Unspecified Symptoms	2		
Administrative Support	Musculoskeletal	2	Injury	5
	Digestive	1	Digestive	4
	Psychological	1	Musculoskeletal	3
	Respiratory	1		
Technical Support	Unspecified Symptoms	1	Injury	1
			Musculoskeletal	1
Service	Musculoskeletal	2		0
	Digestive	1		
	Respiratory	1		
	Unspecified Symptoms	1		
Security and Fire	Injury	2		0
	Genitourinary	1		
	Heart/Circulatory	1		
Crafts	Injury	2	Genitourinary	1
	Musculoskeletal	1		
Line Operators	Musculoskeletal	1		0

Rates of Disease Occurrence

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

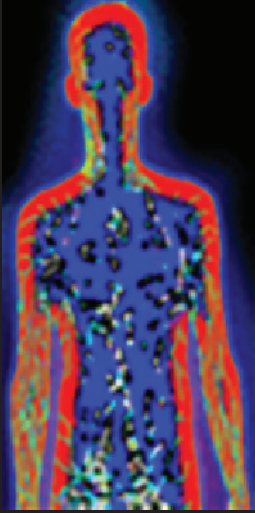
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	15	90
		50+	80	194
	Administrative Support	<50	54	137
		50+	83	31
	Technical Support	<50	0	0
		50+	1,000	1,000
	Service	<50	118	0
		50+	125	0
	Security and Fire	<50	143	0
		50+	0	0
	Crafts	<50	0	500
		50+	56	0
	Line Operators	<50	0	0
		50+	143	0

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

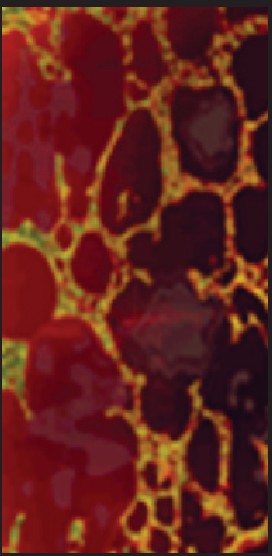
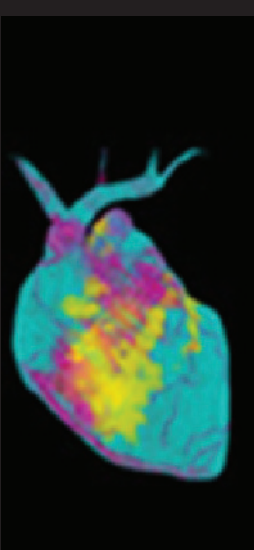
Cancer	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	14	0
	Administrative Support	<50	0	0
		50+	0	0
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	0	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0

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

Heart/Circulatory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	9	32
	Administrative Support	<50	0	0
		50+	0	0
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	0	0
	Security and Fire	<50	36	0
		50+	0	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0

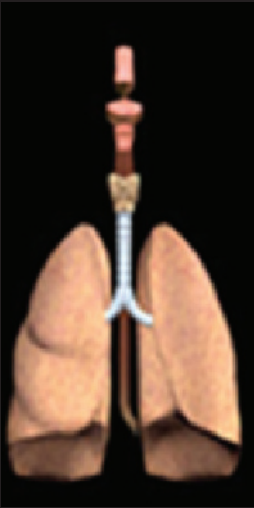

Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	5	13
		50+	5	32
	Administrative Support	<50	0	8
		50+	28	0
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	59	0
		50+	0	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0

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

Injury	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	5	13
		50+	19	65
	Administrative Support	<50	0	40
		50+	0	0
	Technical Support	<50	0	0
		50+	0	500
	Service	<50	0	0
		50+	0	0
	Security and Fire	<50	71	0
		50+	0	0
	Crafts	<50	0	0
		50+	37	0
	Line Operators	<50	0	0
		50+	0	0

Sentinel Health Events for Occupations (SHEOs)

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

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

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

Figure 13. Characteristics of SHEOs by Gender

	Total Number of SHEO Diagnoses		Total Number of Days Absent	
	Men	Women	Men	Women
Definite	0	0	0	0
Possible	1	1	7	20
Total	1	1	7	20

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 14. OSHA-Recordable Events by Gender and Age

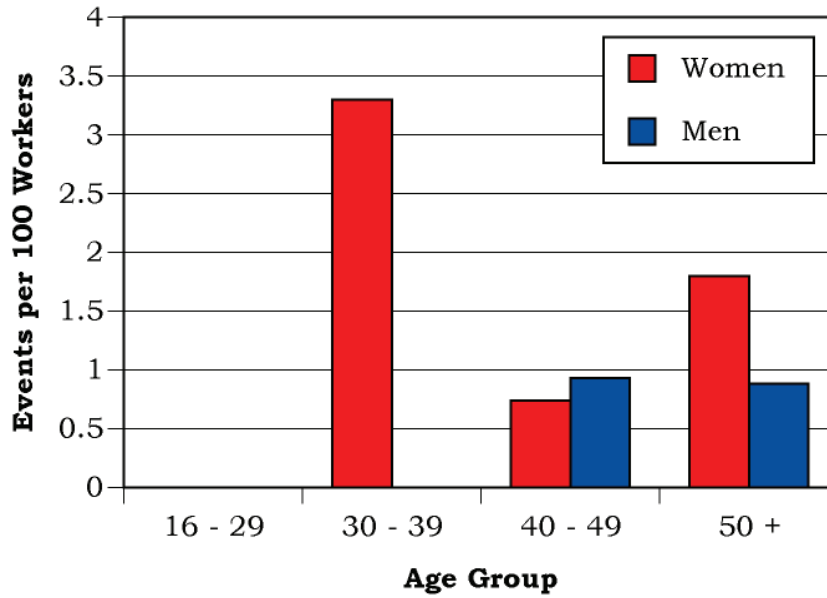
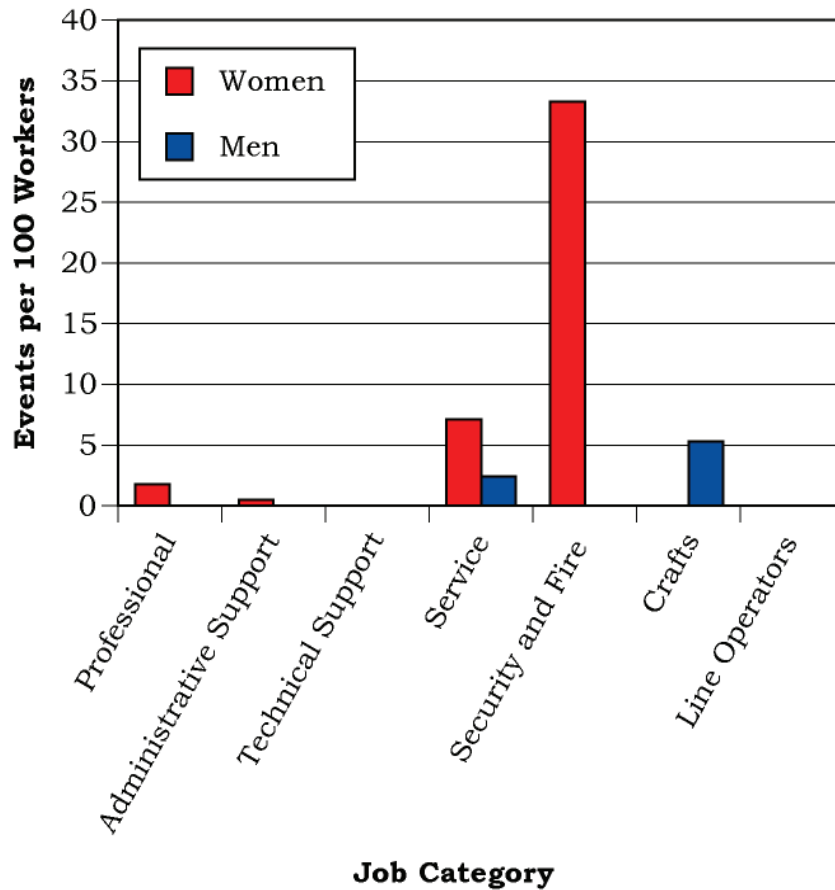


Figure 15. OSHA-Recordable Events by Job Category and Gender



Diagnostic and Accident Categories for OSHA-Recordable Events

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

Diagnostic Category	Gender	
	Women	Men
Musculoskeletal	5	0
Nervous System	0	1
Unspecified Symptoms	0	1
Injury	6	4
Fractures – Neck, Trunk	1	0
Fractures – Upper Limb	2	0
Back Sprains & Strains	0	1
Other Sprains & Strains	0	1
Open Wounds – Upper Limb	2	1
Bruises	1	0
Unspecified Injuries	0	1

Figure 17. OSHA-Recordable Accidents by Type and Gender

Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Motor Vehicle Traffic	1	0
Falls	2	0
Other Accidents	2	5
Cutting/Piercing Instrument/Object	1	1
Overexertion/Strenuous Movements	1	3
Repetitive Trauma	0	1
Total	5	5

Rates of OSHA-Recordable Events

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

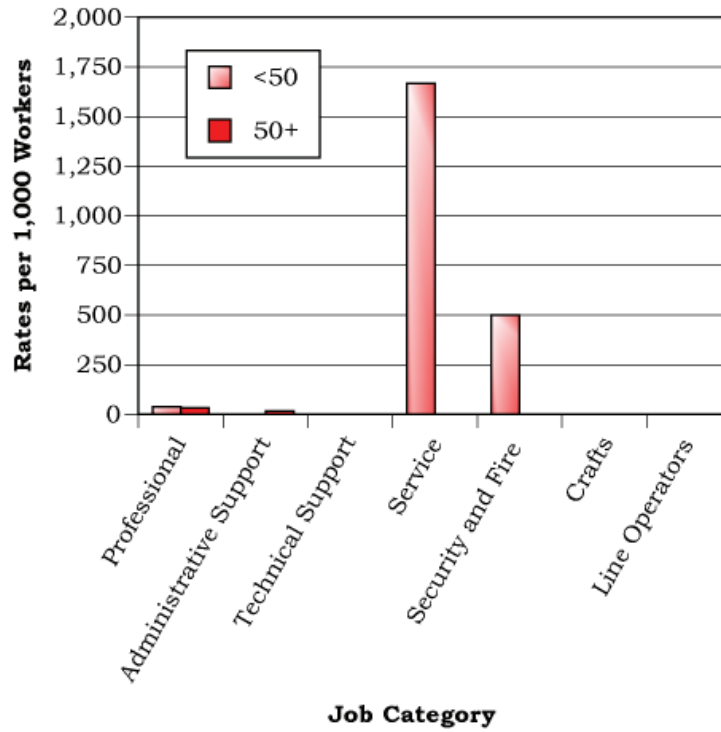
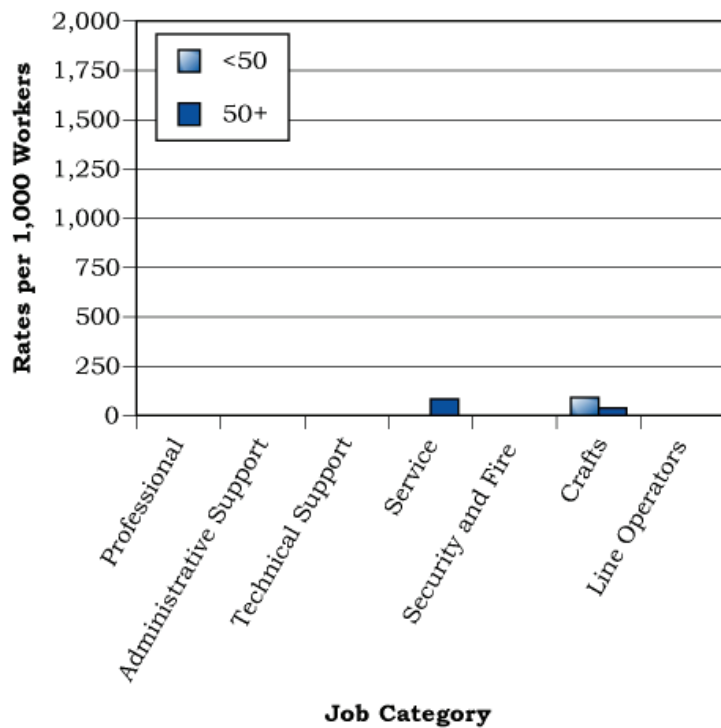


Figure 19. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined



Appendices

East Tennessee Technology Park 2003

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	8	22	48	31	109	12	41	141	213	407	516
Administrative Support	7	36	81	64	188	5	5	27	36	73	261
Technical Support	0	1	1	2	4	0	2	4	1	7	11
Service	0	0	3	11	14	2	4	11	24	41	55
Security and Fire	0	1	1	1	3	1	15	12	7	35	38
Crafts	0	1	1	0	2	1	4	17	54	76	78
Line Operators	0	0	0	0	0	0	0	2	7	9	9
TOTAL	15	61	135	109	320	21	71	214	342	648	968

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

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Absence Data

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

Job Category	Women					Men				TOTAL
	Age Group				TOTAL	Age Group			TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Professional	0	2	4	5	11	1	2	16	19	30
Administrative Support	1	4	11	2	18	1	1	3	5	23
Technical Support	0	0	0	2	2	0	0	1	1	3
Service	0	0	0	0	0	0	2	3	5	5
Security and Fire	0	0	0	0	0	3	0	0	3	3
Crafts	0	1	0	0	1	0	0	3	3	4
Line Operators	0	0	0	0	0	0	0	1	1	1
TOTAL	1	7	15	9	32	5	5	27	37	69

*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 +		30 - 39	40 - 49	50 +		
Professional	0	3	4	6	13	1	2	17	20	33
Administrative Support	1	4	12	2	19	1	1	3	5	24
Technical Support	0	0	0	2	2	0	0	1	1	3
Service	0	0	0	0	0	0	2	3	5	5
Security and Fire	0	0	0	0	0	4	0	0	4	4
Crafts	0	1	0	0	1	0	0	3	3	4
Line Operators	0	0	0	0	0	0	0	1	1	1
TOTAL	1	8	16	10	35	6	5	28	39	74

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

East Tennessee Technology Park 2003

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 +		30 - 39	40 - 49	50 +		
< 15	0	5	7	3	15	4	2	6	12	27
15 - 28	1	1	2	4	8	1	1	5	7	15
29 - 42	0	2	1	2	5	1	1	8	10	15
43 - 56	0	0	3	0	3	0	0	3	3	6
57 - 91	0	0	1	0	1	0	0	4	4	5
92 - 182	0	0	0	1	1	0	1	2	3	4
183 +	0	0	2	0	2	0	0	0	0	2
TOTAL	1	8	16	10	35	6	5	28	39	74

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

East Tennessee Technology Park 2003

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	5	9	1	0	0	0	0	15
15 - 28	4	4	0	0	0	0	0	8
29 - 42	2	1	1	0	0	1	0	5
43 - 56	0	3	0	0	0	0	0	3
57 - 91	0	1	0	0	0	0	0	1
92 - 182	1	0	0	0	0	0	0	1
183 +	1	1	0	0	0	0	0	2
TOTAL	13	19	2	0	0	1	0	35

Men

# of Calendar Days	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
< 15	5	1	1	1	3	1	0	12
15 - 28	4	1	0	0	1	1	0	7
29 - 42	6	2	0	2	0	0	0	10
43 - 56	2	0	0	1	0	0	0	3
57 - 91	2	0	0	1	0	1	0	4
92 - 182	1	1	0	0	0	0	1	3
183 +	0	0	0	0	0	0	0	0
TOTAL	20	5	1	5	4	3	1	39

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

East Tennessee Technology Park 2003

Absence Data

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

		Women					Men				TOTAL
		Age Group				TOTAL	Age Group			TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	0	0	0	3	3	3
-Digestive & Peritoneal	150-159	0	0	0	0	0	0	0	1	1	1
-Genitourinary	179-189	0	0	0	0	0	0	0	2	2	2
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	1	1	0	0	1	1	2
MENTAL DISORDERS	290-319	0	1	1	0	2	0	1	0	1	3
-Psychoses	290-299	0	0	1	0	1	0	1	0	1	2
-Non-Psychotic Disorders	300-302, 306-316	0	1	0	0	1	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	1	0	1	0	0	1	1	2
-Disorders of Peripheral NS	350-359	0	0	1	0	1	0	0	0	0	1
-Disorders of Eye	360-379	0	0	0	0	0	0	0	1	1	1
CIRCULATORY SYSTEM	390-459	0	0	0	1	1	1	0	2	3	4
-Other Heart Dis	420-429	0	0	0	0	0	0	0	2	2	2
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	1	1	1	0	0	1	2
RESPIRATORY SYSTEM	460-519	0	0	2	1	3	1	1	2	4	7
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	1	0	1	2	2
-Pneumonia & Influenza	480-487	0	0	2	1	3	0	1	0	1	4
-Other Respiratory Dis	510-519	0	0	0	0	0	0	0	1	1	1
DIGESTIVE SYSTEM	520-579	0	1	2	2	5	0	0	3	3	8
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	1	1	0	0	0	0	1
-Hernia	550-553	0	0	0	0	0	0	0	2	2	2
-Other Digestive Dis	570-579	0	1	2	1	4	0	0	1	1	5
GENTOURINARY SYSTEM	580-629	0	1	2	0	3	1	1	0	2	5
-Other Urinary Dis	590-599	0	0	1	0	1	0	0	0	0	1
-Male Genital Organ Dis	600-608	0	0	0	0	0	1	0	0	1	1
-Breast Disorders	610-611	0	0	0	0	0	0	1	0	1	1
-Other Female Disorders	617-629	0	1	1	0	2	0	0	0	0	2
PREGNANCY & CHILDBIRTH	630-677	1	1	0	0	2	0	0	0	0	2
-Ectopic & Molar Pregnancy	630-633	1	0	0	0	1	0	0	0	0	1
-Pregnancy with Abortive Outcome	634-639	0	1	0	0	1	0	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	2	3	2	7	1	1	6	8	15
-Arthropathies	710-719	0	0	0	0	0	0	1	3	4	4
-Dorsopathies	720-724	0	0	0	1	1	0	0	1	1	2

(Continued)

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

East Tennessee Technology Park 2003

Absence Data

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

		Women					Men				TOTAL
		Age Group				TOTAL	Age Group			TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
-Rheumatism, Excluding Back	725-729	0	1	2	1	4	0	0	2	2	6
-Other Dis & Acquired Deformities	730-739	0	1	1	0	2	1	0	0	1	3
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	1	0	1	0	0	4	4	5
-Symptoms	780-789	0	0	1	0	1	0	0	4	4	5
INJURY & POISONING	800-999	0	2	4	3	9	2	1	6	9	18
-Fracture - Upper Limb	810-819	0	1	1	1	3	0	0	0	0	3
-Fracture - Lower Limb	820-829	0	1	1	0	2	0	0	2	2	4
-Dislocation	830-839	0	0	0	1	1	1	0	0	1	2
-Sprains & Strains - Back	846-847	0	0	0	0	0	1	0	0	1	1
-Sprains & Strains - Other	840-845, 848	0	0	1	0	1	0	0	4	4	5
-Intracranial Injury	850-854	0	0	1	0	1	0	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1	1	0	1	0	1	2

Diagnostic Category	Women					Men				TOTAL
	Age Group				TOTAL	Age Group			TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Total	1	8	16	10	35	6	5	28	39	74

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

East Tennessee Technology Park 2003

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					
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	96	96
MENTAL DISORDERS	290-319	0	11	186	0	197
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	20	0	20
CIRCULATORY SYSTEM	390-459	0	0	0	24	24
RESPIRATORY SYSTEM	460-519	0	0	36	16	52
DIGESTIVE SYSTEM	520-579	0	19	23	27	69
GENTOURINARY SYSTEM	580-629	0	34	103	0	137
PREGNANCY & CHILDBIRTH	630-677	27	1	0	0	28
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	33	241	63	337
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	10	0	10
INJURY & POISONING	800-999	0	17	105	39	161

		Men				TOTAL
		Age Group			TOTAL	
		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code					
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	266	266	266
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	34	34	130
MENTAL DISORDERS	290-319	0	147	0	147	344
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	2	2	22
CIRCULATORY SYSTEM	390-459	24	0	74	98	122
RESPIRATORY SYSTEM	460-519	14	8	19	41	93
DIGESTIVE SYSTEM	520-579	0	0	76	76	145
GENTOURINARY SYSTEM	580-629	7	16	0	23	160
PREGNANCY & CHILDBIRTH	630-677	0	0	0	0	28
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	40	33	299	372	709
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	128	128	138
INJURY & POISONING	800-999	17	9	246	272	433

*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 2003

Absence Data

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

		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Technical Support	Crafts	
Diagnostic Category	ICD-9-CM Code					
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	1	0	0	0	1
MENTAL DISORDERS	290-319	1	1	0	0	2
-Psychoses	290-299	1	0	0	0	1
-Non-Psychotic Disorders	300-302, 306-316	0	1	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	0	0	1
-Disorders of Peripheral NS	350-359	0	1	0	0	1
CIRCULATORY SYSTEM	390-459	1	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	1	0	0	0	1
RESPIRATORY SYSTEM	460-519	2	1	0	0	3
-Pneumonia & Influenza	480-487	2	1	0	0	3
DIGESTIVE SYSTEM	520-579	1	4	0	0	5
-Oral Cavity, Saliva Glands, Jaw	520-529	0	1	0	0	1
-Other Digestive Dis	570-579	1	3	0	0	4
GENTOURINARY SYSTEM	580-629	0	2	0	1	3
-Other Urinary Dis	590-599	0	1	0	0	1
-Other Female Disorders	617-629	0	1	0	1	2
PREGNANCY & CHILDBIRTH	630-677	1	1	0	0	2
-Ectopic & Molar Pregnancy	630-633	0	1	0	0	1
-Pregnancy with Abortive Outcome	634-639	1	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	3	3	1	0	7
-Dorsopathies	720-724	1	0	0	0	1
-Rheumatism, Excluding Back	725-729	1	2	1	0	4
-Other Dis & Acquired Deformities	730-739	1	1	0	0	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	1	0	0	1
-Symptoms	780-789	0	1	0	0	1
INJURY & POISONING	800-999	3	5	1	0	9
-Fracture - Upper Limb	810-819	1	2	0	0	3
-Fracture - Lower Limb	820-829	0	2	0	0	2
-Dislocation	830-839	1	0	0	0	1
-Sprains & Strains - Other	840-845, 848	0	1	0	0	1
-Intracranial Injury	850-854	1	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	1	0	1

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

East Tennessee Technology Park 2003

Absence Data

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

	Women				
	Job Category				TOTAL
	Professional	Administrative Support	Technical Support	Crafts	
Diagnostic Category					
Total	13	19	2	1	35

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

East Tennessee Technology Park 2003

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			
MALIGNANT NEOPLASMS	140-208, 230-234	3	0	0
-Digestive & Peritoneal	150-159	1	0	0
-Genitourinary	179-189	2	0	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	1	0	0
MENTAL DISORDERS	290-319	0	1	0
-Psychoses	290-299	0	1	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0	0
-Disorders of Eye	360-379	1	0	0
CIRCULATORY SYSTEM	390-459	2	0	0
-Other Heart Dis	420-429	2	0	0
-Dis of Veins, Lymphatics, Other	451-459	0	0	0
RESPIRATORY SYSTEM	460-519	2	1	0
-Other Dis Upper Respiratory Tract	470-478	1	1	0
-Pneumonia & Influenza	480-487	0	0	0
-Other Respiratory Dis	510-519	1	0	0
DIGESTIVE SYSTEM	520-579	1	1	0
-Hernia	550-553	0	1	0
-Other Digestive Dis	570-579	1	0	0
GENITOURINARY SYSTEM	580-629	1	0	0
-Male Genital Organ Dis	600-608	0	0	0
-Breast Disorders	610-611	1	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	2	2	0
-Arthropathies	710-719	1	0	0
-Dorsopathies	720-724	0	1	0
-Rheumatism, Excluding Back	725-729	1	0	0
-Other Dis & Acquired Deformities	730-739	0	1	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	2	0	1
-Symptoms	780-789	2	0	1
INJURY & POISONING	800-999	5	0	0
-Fracture - Lower Limb	820-829	1	0	0
-Dislocation	830-839	0	0	0
-Sprains & Strains - Back	846-847	0	0	0
-Sprains & Strains - Other	840-845, 848	3	0	0
-Open Wound - Head, Neck, Trunk	870-879	1	0	0

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

East Tennessee Technology Park 2003

Absence Data

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

		Men				
		Job Category				TOTAL
		Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code					
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	3
-Digestive & Peritoneal	150-159	0	0	0	0	1
-Genitourinary	179-189	0	0	0	0	2
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	0	1
MENTAL DISORDERS	290-319	0	0	0	0	1
-Psychoses	290-299	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	0	1
-Disorders of Eye	360-379	0	0	0	0	1
CIRCULATORY SYSTEM	390-459	0	1	0	0	3
-Other Heart Dis	420-429	0	0	0	0	2
-Dis of Veins, Lymphatics, Other	451-459	0	1	0	0	1
RESPIRATORY SYSTEM	460-519	1	0	0	0	4
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	2
-Pneumonia & Influenza	480-487	1	0	0	0	1
-Other Respiratory Dis	510-519	0	0	0	0	1
DIGESTIVE SYSTEM	520-579	1	0	0	0	3
-Hernia	550-553	1	0	0	0	2
-Other Digestive Dis	570-579	0	0	0	0	1
GENITOURINARY SYSTEM	580-629	0	1	0	0	2
-Male Genital Organ Dis	600-608	0	1	0	0	1
-Breast Disorders	610-611	0	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	2	0	1	1	8
-Arthropathies	710-719	2	0	0	1	4
-Dorsopathies	720-724	0	0	0	0	1
-Rheumatism, Excluding Back	725-729	0	0	1	0	2
-Other Dis & Acquired Deformities	730-739	0	0	0	0	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	0	0	0	4
-Symptoms	780-789	1	0	0	0	4
INJURY & POISONING	800-999	0	2	2	0	9
-Fracture - Lower Limb	820-829	0	0	1	0	2
-Dislocation	830-839	0	1	0	0	1
-Sprains & Strains - Back	846-847	0	1	0	0	1
-Sprains & Strains - Other	840-845, 848	0	0	1	0	4
-Open Wound - Head, Neck, Trunk	870-879	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 2003

Absence Data

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

	Men							
	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category								
Total	20	5	1	5	4	3	1	39

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

East Tennessee Technology Park 2003

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	Technical Support	Crafts	
Diagnostic Category	ICD-9-CM Code					
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	96	0	0	0	96
MENTAL DISORDERS	290-319	186	11	0	0	197
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	20	0	0	20
CIRCULATORY SYSTEM	390-459	24	0	0	0	24
RESPIRATORY SYSTEM	460-519	44	8	0	0	52
DIGESTIVE SYSTEM	520-579	10	59	0	0	69
GENTOURINARY SYSTEM	580-629	0	103	0	34	137
PREGNANCY & CHILDBIRTH	630-677	1	27	0	0	28
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	65	241	31	0	337
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	10	0	0	10
INJURY & POISONING	800-999	44	108	9	0	161

*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 2003

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			
MALIGNANT NEOPLASMS	140-208, 230-234	266	0	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	34	0	0
MENTAL DISORDERS	290-319	0	147	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	2	0	0
CIRCULATORY SYSTEM	390-459	74	0	0
RESPIRATORY SYSTEM	460-519	20	13	0
DIGESTIVE SYSTEM	520-579	21	23	0
GENITOURINARY SYSTEM	580-629	16	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	92	81	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	39	0	1
INJURY & POISONING	800-999	180	0	0

		Men				
		Job Category				TOTAL
		Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code					
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	266
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	0	34
MENTAL DISORDERS	290-319	0	0	0	0	147
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	0	2
CIRCULATORY SYSTEM	390-459	0	24	0	0	98
RESPIRATORY SYSTEM	460-519	8	0	0	0	41
DIGESTIVE SYSTEM	520-579	32	0	0	0	76
GENITOURINARY SYSTEM	580-629	0	7	0	0	23
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	76	0	23	100	372
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	88	0	0	0	128
INJURY & POISONING	800-999	0	17	75	0	272

*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 2003

Absence Data

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

Part 1. Men

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	3	5.5	1.6	19.3
-Digestive Organs	150-159	1	0.6	0.1	4.0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	2	4.9	1.2	19.7
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	1	0.6	0.1	4.0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	1	1.1	0.2	7.7
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	1	0.6	0.1	4.0
Circulatory System	390-459	3	4.5	1.0	20.0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	4	5.5	1.6	19.7
-Upper Respiratory	460-465, 470-478	2	3.9	0.7	21.2
-Pneumonia/Bronchitis	466, 480-487	1	1.1	0.2	7.7
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	3	1.7	0.6	5.3
-Hernias	550-553	2	1.1	0.3	4.6
-Gallbladder Disease	574-575	1	0.6	0.1	4.0
Genitourinary System	580-629	2	4.4	0.9	20.8
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	8	9.7	3.9	23.9
-Dorsopathies	720-724	1	0.6	0.1	4.0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	4	2.3	0.9	6.1
Injury & Poisoning	800-999	9	14.9	6.7	33.0
-Fractures, All Sites	800-829	2	1.1	0.3	4.6

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

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

East Tennessee Technology Park 2003

Absence Data

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
-Dislocations	830-839	1	3.3	0.5	23.5
-Sprains & Strains	840-848	5	9.4	3.4	26.0
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	1.1	0.2	7.7
-Other Injuries	900-999	0	0	0	0
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		39	50.7	33.8	76.0

Part 2. Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	1	1.9	0.3	13.2
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	2	5.6	1.3	24.6
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	1	1.7	0.2	12.2
Circulatory System	390-459	1	1.9	0.3	13.2
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	3	5.3	1.7	16.4
-Upper Respiratory	460-465, 470-478	0	0	0	0

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

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

East Tennessee Technology Park 2003

Absence Data

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
-Pneumonia/Bronchitis	466, 480-487	3	5.3	1.7	16.4
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	5	11.0	4.3	28.1
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	4	9.1	3.2	26.3
Genitourinary System	580-629	3	7.3	2.1	24.8
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	1	1.7	0.2	12.2
Pregnancy & Childbirth**	630-639	2	20.7	4.0	106.6
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	7	16.6	7.5	36.8
-Dorsopathies	720-724	1	1.9	0.3	13.2
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	1	1.7	0.2	12.2
Injury & Poisoning	800-999	9	20.2	10.0	40.6
-Fractures, All Sites	800-829	5	13.0	5.1	33.4
-Dislocations	830-839	1	1.9	0.3	13.2
-Sprains & Strains	840-848	1	1.7	0.2	12.2
-Intracranial Injuries	850-854	1	1.7	0.2	12.2
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	1.9	0.3	13.2
-Other Injuries	900-999	0	0	0	0
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		35	93.8	59.2	148.6

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

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

East Tennessee Technology Park 2003

Absence Data

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

Part 3. Men and Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	3	4.0	1.1	13.8
-Digestive Organs	150-159	1	0.4	0.1	3.1
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	2	3.5	0.9	14.1
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	2	0.9	0.2	3.5
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	3	3.1	0.9	11.1
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	2	1.1	0.3	4.5
Circulatory System	390-459	4	3.1	0.9	10.5
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	7	5.1	2.1	12.1
-Upper Respiratory	460-465, 470-478	2	2.2	0.4	11.2
-Pneumonia/Bronchitis	466, 480-487	4	2.4	0.9	6.5
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	8	5.3	2.3	12.1
-Hernias	550-553	2	0.9	0.2	3.5
-Gallbladder Disease	574-575	5	4.0	1.4	11.2
Genitourinary System	580-629	5	5.6	2.1	14.8
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	1	0.7	0.1	4.7
Pregnancy & Childbirth**	630-639	2	8.8	1.8	44.3
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	15	12.8	7.0	23.5
-Dorsopathies	720-724	2	0.9	0.2	3.5
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 2003

Absence Data

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	5	2.4	1.0	5.9
Injury & Poisoning	800-999	18	17.0	9.9	29.4
-Fractures, All Sites	800-829	7	6.2	2.6	15.0
-Dislocations	830-839	2	2.2	0.4	11.2
-Sprains & Strains	840-848	6	6.8	2.7	17.1
-Intracranial Injuries	850-854	1	0.7	0.1	4.7
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	2	1.1	0.3	4.5
-Other Injuries	900-999	0	0	0	0
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		74	69.1	50.3	94.9

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

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

East Tennessee Technology Park 2003
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 +		40 - 49	50 +		
Professional	1	0	1	2	0	0	0	2
Administrative Support	0	0	1	1	0	0	0	1
Service	0	1	0	1	0	1	1	2
Security and Fire	1	0	0	1	0	0	0	1
Crafts	0	0	0	0	2	2	4	4
TOTAL	2	1	2	5	2	3	5	10

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

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

Age Group	Women			Men			TOTAL		
	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost
30 - 39	2	0	28	0	0	0	2	0	28
40 - 49	1	0	0	2	28	0	3	28	0
50 +	2	86	18	3	0	0	5	86	18
TOTAL	5	86	46	5	28	0	10	114	46

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	2	86	46	0	0	0	2	86	46
Administrative Support	1	0	0	0	0	0	1	0	0
Service	1	0	0	1	0	0	2	0	0
Security and Fire	1	0	0	0	0	0	1	0	0
Crafts	0	0	0	4	28	0	4	28	0
Total	5	86	46	5	28	0	10	114	46

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

East Tennessee Technology Park 2003

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 +		40 - 49	50 +		
Diagnostic Category	ICD-9-CM code								
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	0	0	1	1	1
-Disorders of Peripheral NS	350-359	0	0	0	0	0	1	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	5	0	5	0	0	0	5
-Arthropathies	710-719	0	1	0	1	0	0	0	1
-Dorsopathies	720-724	0	1	0	1	0	0	0	1
-Rheumatism, Excluding Back	725-729	0	3	0	3	0	0	0	3
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	0	0	1	1	1
-Symptoms	780-789	0	0	0	0	0	1	1	1
INJURY & POISONING	800-999	4	0	2	6	2	2	4	10
-Fracture - Neck, Trunk	805-809	1	0	0	1	0	0	0	1
-Fracture - Upper Limb	810-819	0	0	2	2	0	0	0	2
-Sprains & Strains - Back	846-847	0	0	0	0	1	0	1	1
-Sprains & Strains - Other	840-845, 848	0	0	0	0	1	0	1	1
-Open Wound - Upper Limb	880-887	2	0	0	2	0	1	1	3
-Contusion	920-924	1	0	0	1	0	0	0	1
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	1	1	1

Diagnostic Category	Women				Men			TOTAL
	Age Group			TOTAL	Age Group		TOTAL	
	30 - 39	40 - 49	50 +		40 - 49	50 +		
Total	4	5	2	11	2	4	6	17

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

East Tennessee Technology Park 2003

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						
-Arthropathies	710-719	0	0	0	0	0	0
-Dorsopathies	720-724	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0
-Fracture - Neck, Trunk	805-809	0	28	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	86	18
-Open Wound - Upper Limb	880-887	0	28	0	0	0	0
-Contusion	920-924	0	28	0	0	0	0

		Men			
		Age Group			
		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes				
-Disorders of Peripheral NS	350-359	0	0	0	0
-Symptoms	780-789	0	0	0	0
-Sprains & Strains - Back	846-847	28	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0
-Complications & Unspecified Injuries	958-959	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 2003
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 +		40 - 49	50 +		
Type of Accident	E Codes								
Motor Vehicle Traffic	E810-E819	1	0	0	1	0	0	0	1
Falls	E880-E888	0	0	2	2	0	0	0	2
Other Accidents	E916-E928	1	1	0	2	2	3	5	7

*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						
Motor Vehicle Traffic	E810-E819	0	28	0	0	0	0
Falls	E880-E888	0	0	0	0	86	18
Other Accidents	E916-E928	0	0	0	0	0	0

		Men			
		Age Group			
		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes				
Other Accidents	E916-E928	28	0	0	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 2003

OSHA Data

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

Diagnostic Category		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Service	Security and Fire	
ICD-9-CM Code						
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	0	5	0	5
-Arthropathies	710-719	0	0	1	0	1
-Dorsopathies	720-724	0	0	1	0	1
-Rheumatism, Excluding Back	725-729	0	0	3	0	3
INJURY & POISONING	800-999	4	1	0	1	6
-Fracture - Neck, Trunk	805-809	1	0	0	0	1
-Fracture - Upper Limb	810-819	1	1	0	0	2
-Open Wound - Upper Limb	880-887	1	0	0	1	2
-Contusion	920-924	1	0	0	0	1

Diagnostic Category	Women				
	Job Category				TOTAL
	Professional	Administrative Support	Service	Security and Fire	
Total	4	1	5	1	11

Diagnostic Category		Men		
		Job Category		TOTAL
		Service	Crafts	
ICD-9-CM Code				
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0	1
-Disorders of Peripheral NS	350-359	1	0	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	0	1
-Symptoms	780-789	1	0	1
INJURY & POISONING	800-999	0	4	4
-Sprains & Strains - Back	846-847	0	1	1
-Sprains & Strains - Other	840-845, 848	0	1	1
-Open Wound - Upper Limb	880-887	0	1	1
-Complications & Unspecified Injuries	958-959	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 2003

OSHA Data

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

	Men		
	Job Category		TOTAL
	Service	Crafts	
Diagnostic Category			
Total	2	4	6

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

East Tennessee Technology Park 2003

OSHA Data

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

		Women							
		Job Category							
		Professional		Administrative Support		Service		Security and Fire	
		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	0	0	0	0
-Dorsopathies	720-724	0	0	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0
-Fracture - Neck, Trunk	805-809	0	28	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	86	18	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	28	0	0	0	0	0	0
-Contusion	920-924	0	28	0	0	0	0	0	0

		Men			
		Job Category			
		Service		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes				
-Disorders of Peripheral NS	350-359	0	0	0	0
-Symptoms	780-789	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	28	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0
-Complications & Unspecified Injuries	958-959	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.

East Tennessee Technology Park 2003

OSHA Data

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

		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Service	Security and Fire	
Type of Accident	E CODES					
Motor Vehicle Traffic	E810-E819	1	0	0	0	1
Falls	E880-E888	1	1	0	0	2
Other Accidents	E916-E928	0	0	1	1	2

		Men		
		Job Category		TOTAL
		Service	Crafts	
Type of Accident	E CODES			
Other Accidents	E916-E928	1	4	5

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

East Tennessee Technology Park 2003

OSHA Data

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

		Women							
		Job Category							
		Professional		Administrative Support		Service		Security and Fire	
		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	28	0	0	0	0	0	0
Falls	E880-E888	86	18	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	0	0	0	0	0	0

		Men			
		Job Category			
		Service		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes				
Other Accidents	E916-E928	0	0	28	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.

East Tennessee Technology Park 2003

OSHA Data

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

Part 1. Men

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	1	0.6	0.1	4.0
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	0	0	0	0
-Dorsopathies	720-724	0	0	0	0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	1	0.6	0.1	4.0
Injury & Poisoning	800-999	4	3.3	1.2	9.2
-Fractures, All Sites	800-829	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 2003

OSHA Data

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	2	2.2	0.5	8.7
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	0.6	0.1	4.0
-Other Injuries	900-999	1	0.6	0.1	4.0
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		6	4.4	1.9	10.3

Part 2. Women

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

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

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

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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
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	5	8.6	3.6	20.6
-Dorsopathies	720-724	1	1.7	0.2	12.2
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	0	0	0	0
Injury & Poisoning	800-999	6	23.4	10.1	54.3
-Fractures, All Sites	800-829	3	11.9	3.4	40.9
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	0	0	0	0
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	2	7.7	1.9	30.8
-Other Injuries	900-999	1	3.9	0.5	27.4
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		11	32.0	16.6	61.8

Part 3. Men and Women

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

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

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

East Tennessee Technology Park 2003

OSHA Data

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	1	0.4	0.1	3.1
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	5	3.3	1.4	8.0
-Dorsopathies	720-724	1	0.7	0.1	4.7
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	1	0.4	0.1	3.1
Injury & Poisoning	800-999	10	11.5	5.7	23.4
-Fractures, All Sites	800-829	3	4.0	1.1	13.9
-Dislocations	830-839	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 2003

OSHA Data

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
-Sprains & Strains	840-848	2	1.3	0.3	5.3
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	3	4.0	1.1	14.0
-Other Injuries	900-999	2	2.2	0.4	11.2
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		17	15.7	9.0	27.4

*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.