

2004

East Tennessee Technology Park Annual Illness and Injury Surveillance Report



East Tennessee Technology Park 2004 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 - 2004

Figure 1. The Work Force by Gender and Age

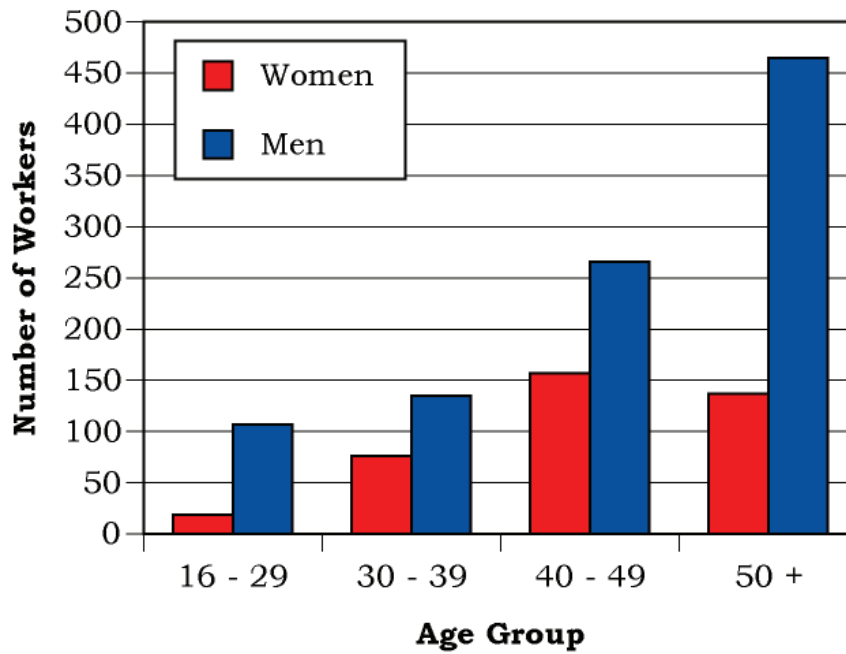


Figure 2. The Work Force by Gender and Job Category

Job Category	Women	Men
Professional	139 36%	546 56%
Administrative Support	198 51%	80 8%
Technical Support	6 1%	9 1%
Service	42 11%	172 18%
Security and Fire	2 <1%	43 5%
Crafts	2 <1%	101 10%
Line Operators	0 0%	22 2%
Total	389 100%	973 100%

Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

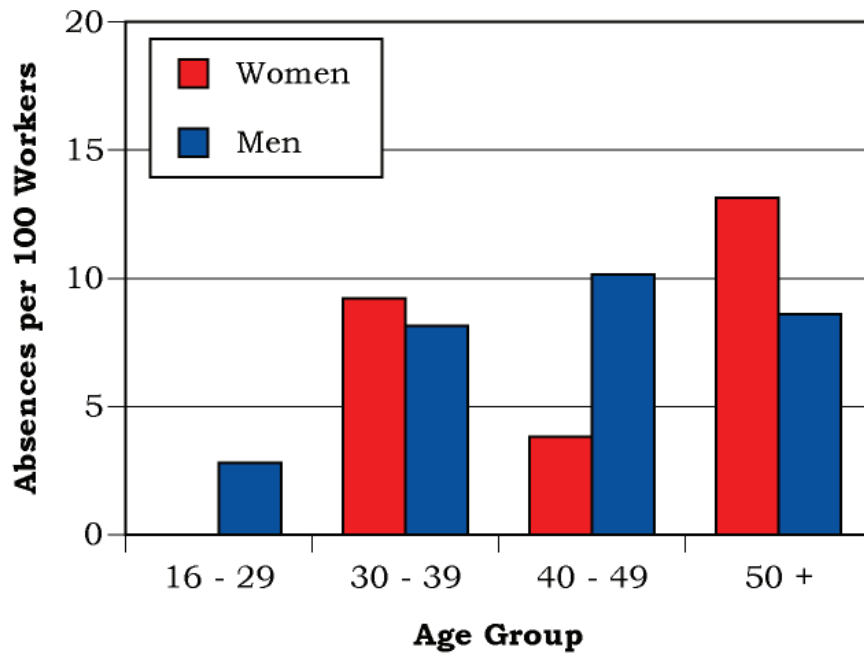


Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women	16-29	0	0	0
	30-39	7	175	25
	40-49	6	284	47
	50+	18	1,406	78
	Total	31	1,865	60
Men	16-29	3	67	22
	30-39	11	266	24
	40-49	27	1,034	38
	50+	40	2,276	57
	Total	81	3,643	45

Figure 5. Absence Rate by Job Category and Gender

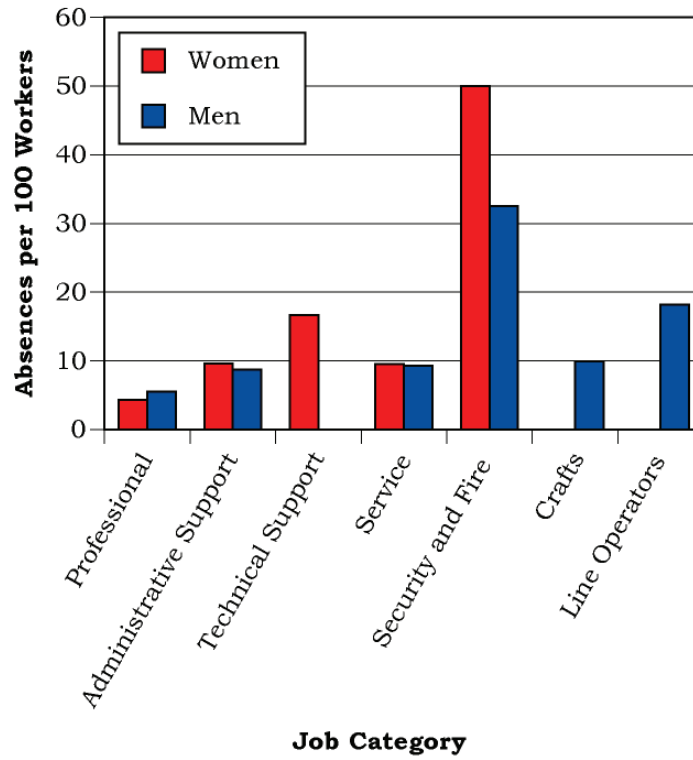
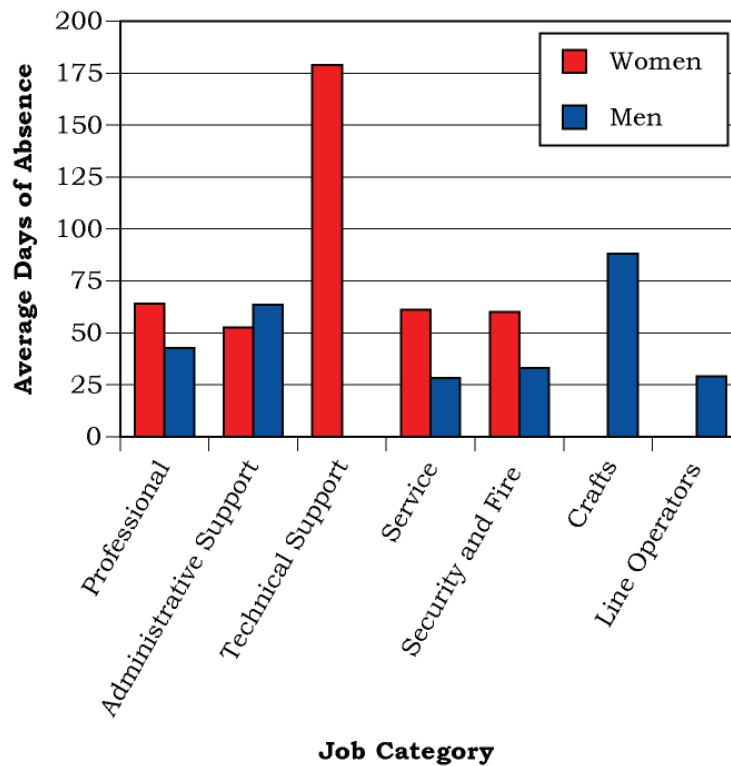


Figure 6. Average Duration of Absence by Job Category and Gender



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	41	0	0
Blood	0	0	0	0
Cancer	2	229	3	202
Digestive	1	8	6	87
Endocrine/Metabolic	1	37	4	159
Existing Birth Condition	0	0	0	0
Genitourinary	2	35	5	66
Heart/Circulatory	0	0	12	653
Infections/Parasites	2	22	2	74
Injury	6	517	17	677
Miscarriage	0	0	NA	NA
Musculoskeletal	7	462	21	1,369
Nervous System	4	238	7	271
Psychological	1	186	1	26
Respiratory	4	90	0	0
Skin	0	0	1	31
Unspecified Symptoms	0	0	3	28

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 2004

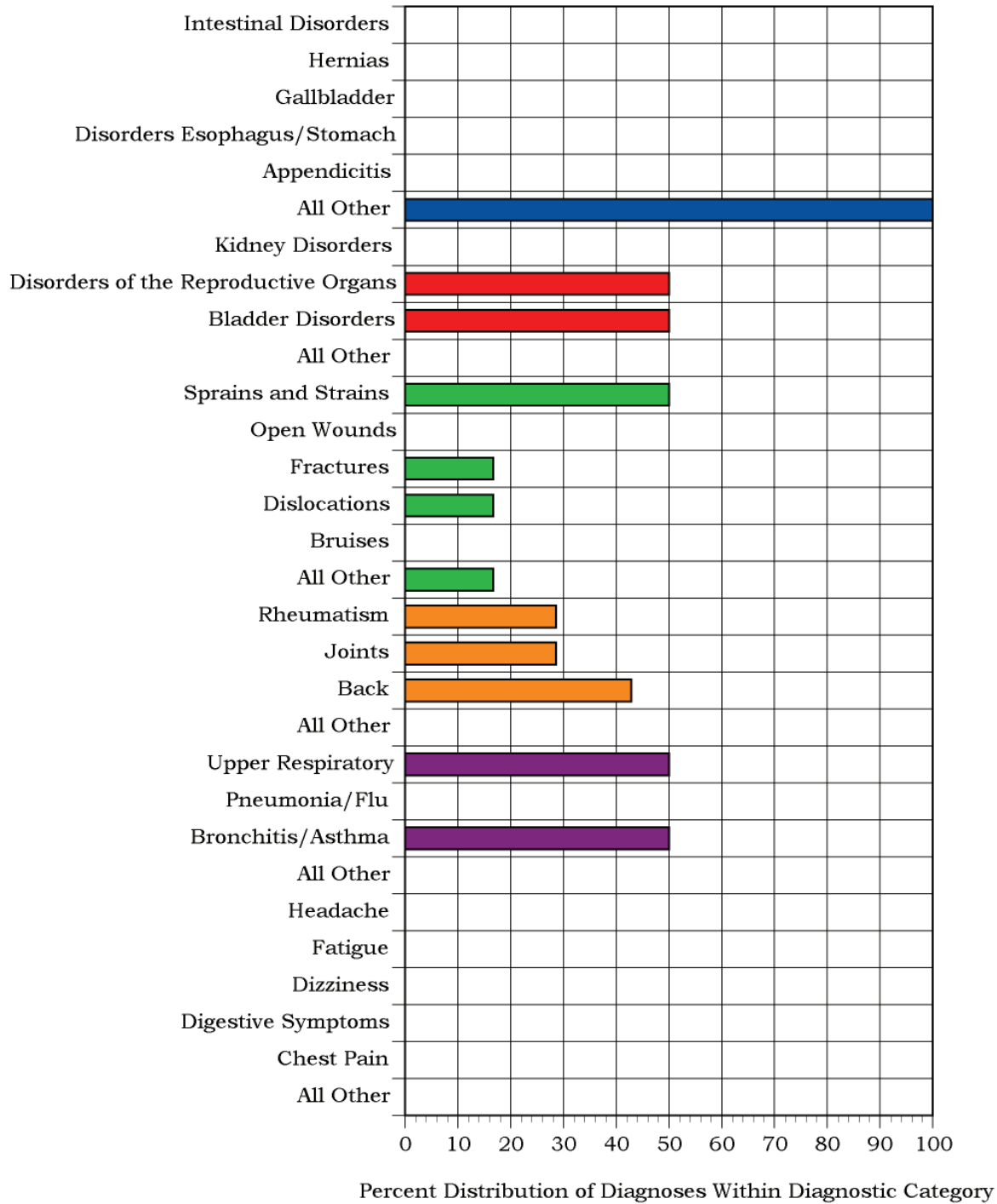


Figure 9. Common Diagnoses Among Male Workers in 2004

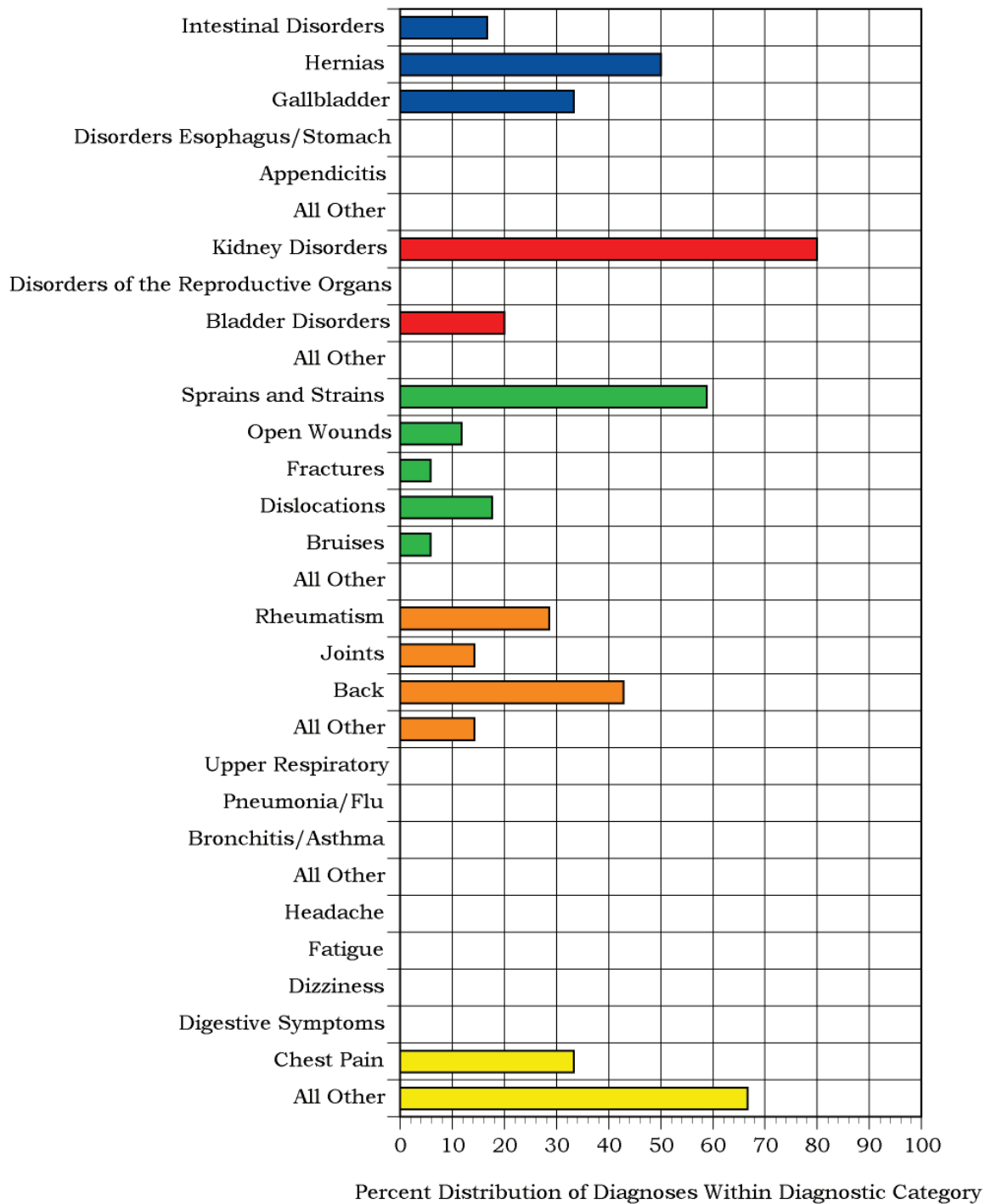


Figure 10. Number of Most Frequently Reported Diagnoses by Job Category and Gender

Job Category	Men		Women	
Professional	Musculoskeletal	9	Musculoskeletal	3
	Heart/Circulatory	7	Benign Growths	1
	Digestive	5	Cancer	1
			Injury	1
Administrative Support	Endocrine/Metabolic	2	Nervous System	4
	Musculoskeletal	2	Musculoskeletal	3
	Infections/Parasites	1	Respiratory	3
	Injury	1		
	Psychological	1		
Technical Support		0	Musculoskeletal	1
Service	Injury	5	Injury	3
	Musculoskeletal	5	Digestive	1
	Genitourinary	3		
Security and Fire	Injury	4	Respiratory	1
	Nervous System	3		
	Heart/Circulatory	2		
	Musculoskeletal	2		
Crafts	Heart/Circulatory	2		0
	Injury	2		
	Musculoskeletal	2		
Line Operators	Heart/Circulatory	1		0
	Infections/Parasites	1		
	Injury	1		
	Musculoskeletal	1		

Rates of Disease Occurrence

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

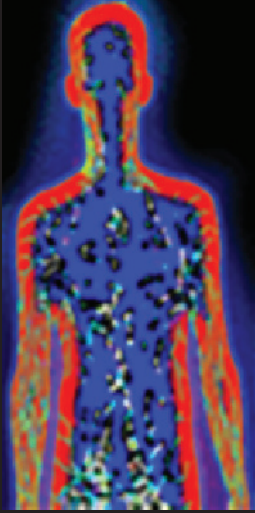
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	57	30
		50+	56	77
	Administrative Support	<50	53	67
		50+	119	141
	Technical Support	<50	0	0
		50+	0	250
	Service	<50	79	37
		50+	152	200
	Security and Fire	<50	343	1,000
		50+	250	0
	Crafts	<50	56	0
		50+	123	0
	Line Operators	<50	0	0
		50+	308	0

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

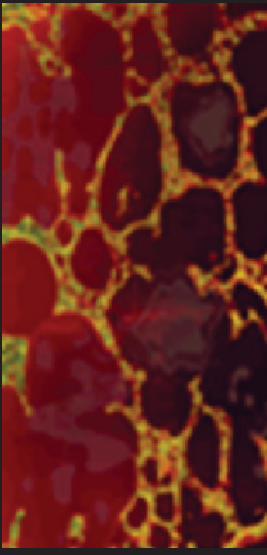
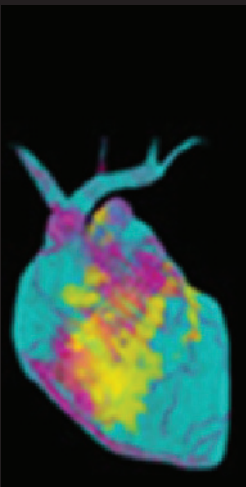
Cancer	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	7	26
	Administrative Support	<50	0	8
		50+	0	0
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	0	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	15	0
	Line Operators	<50	0	0
		50+	0	0

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	8	0
		50+	17	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	29	0
		50+	125	0
	Crafts	<50	28	0
		50+	15	0
	Line Operators	<50	0	0
		50+	77	0

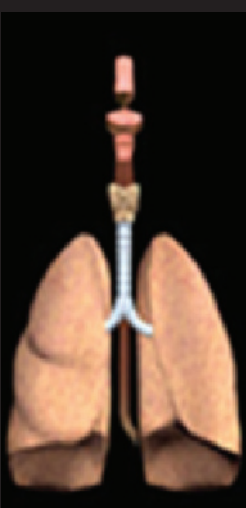

Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	0	0
	Administrative Support	<50	0	17
		50+	0	13
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	0	0
	Security and Fire	<50	0	1,000
		50+	0	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0

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	8	10
		50+	7	0
	Administrative Support	<50	26	0
		50+	0	26
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	14	0
		50+	91	200
	Security and Fire	<50	114	0
		50+	0	0
	Crafts	<50	28	0
		50+	15	0
	Line Operators	<50	0	0
		50+	77	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	2	1	85	16
Total	2	1	85	16

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 14. OSHA-Recordable Events by Gender and Age

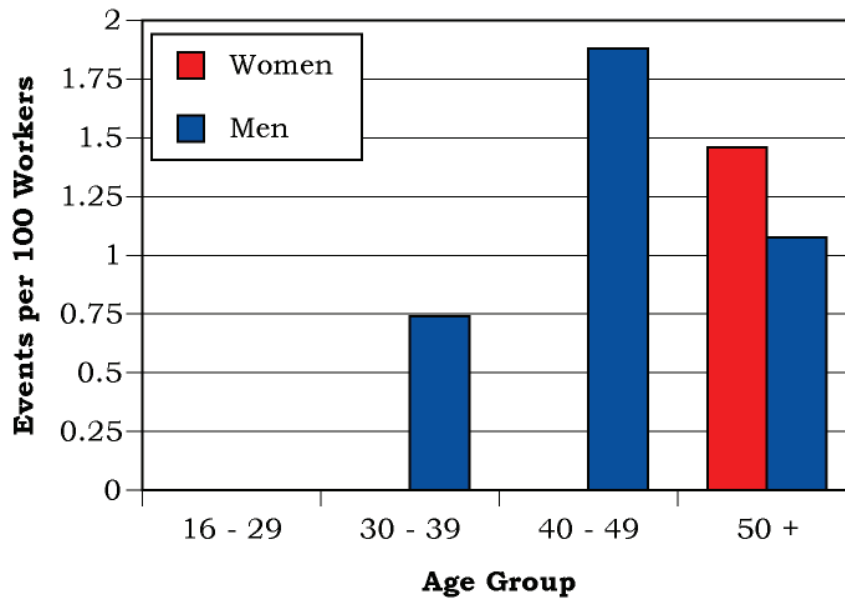
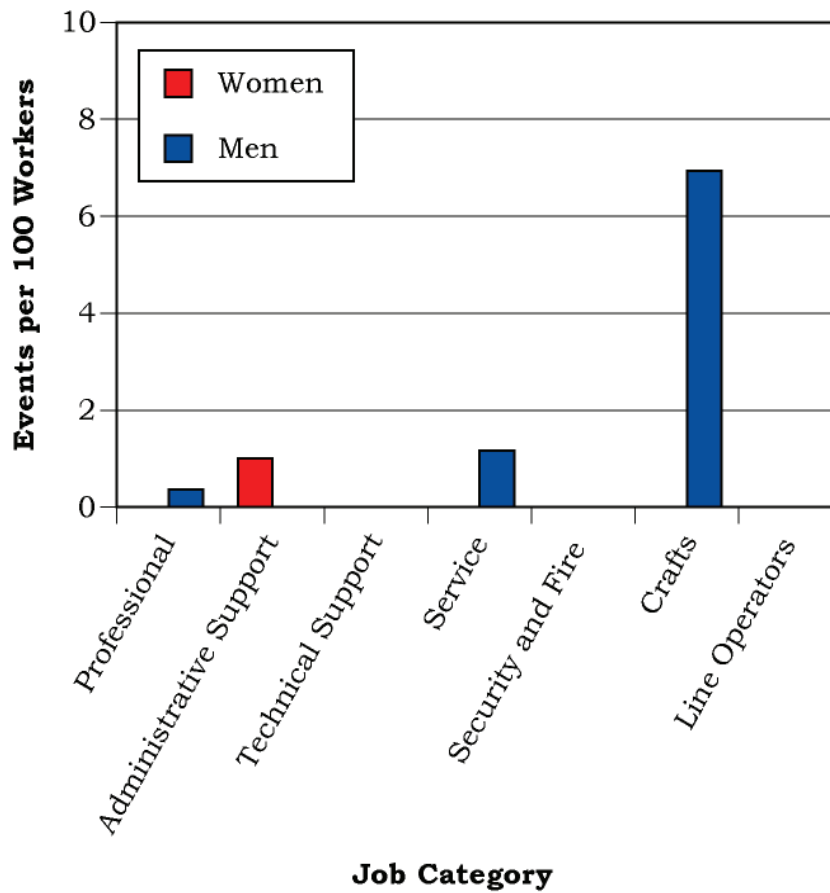


Figure 15. OSHA-Recordable Events by Job Category and Gender



Diagnostic and Accident Categories for OSHA-Recordable Events

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

Diagnostic Category	Gender	
	Women	Men
Infections/Parasites	0	1
Nervous System	1	1
Unspecified Symptoms	0	1
Injury	1	8
Fractures – Lower Limb	0	1
Back Sprains & Strains	0	2
Other Sprains & Strains	0	2
Unspecified Injuries	1	3

Figure 17. OSHA-Recordable Accidents by Type and Gender

Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Falls	1	0
Other Accidents	0	9
Struck by an Object	0	1
Overexertion/Strenuous Movements	0	7
Repetitive Trauma	0	1
Total	1	9

Rates of OSHA-Recordable Events

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

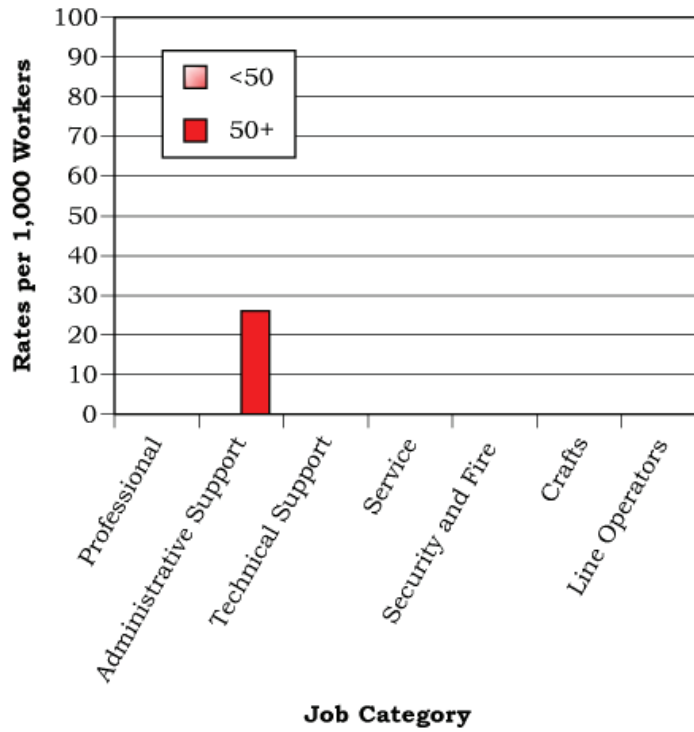
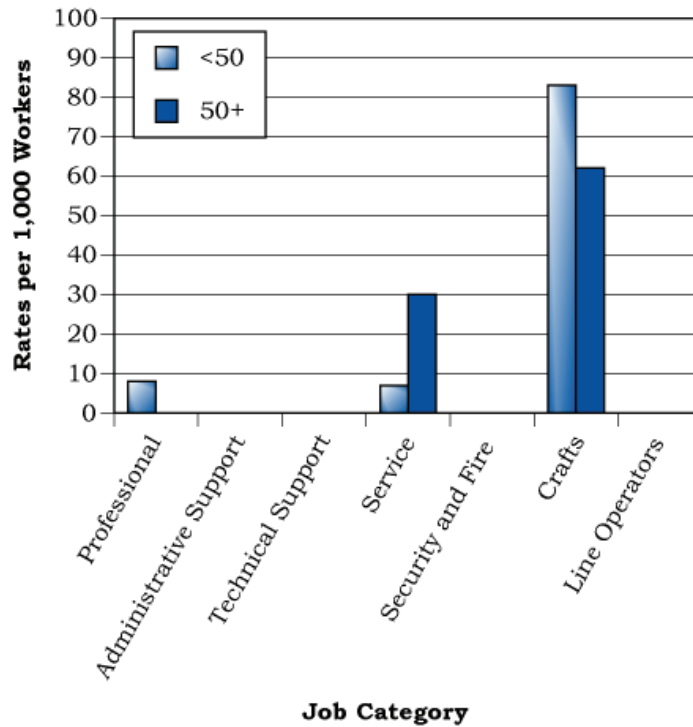


Figure 19. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined



Appendices

East Tennessee Technology Park 2004

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	31	61	39	139	16	58	170	302	546	685
Administrative Support	5	34	81	78	198	5	6	27	42	80	278
Technical Support	0	1	1	4	6	0	2	5	2	9	15
Service	6	9	12	15	42	77	34	28	33	172	214
Security and Fire	0	1	0	1	2	2	22	11	8	43	45
Crafts	0	0	2	0	2	7	9	20	65	101	103
Line Operators	0	0	0	0	0	0	4	5	13	22	22
TOTAL	19	76	157	137	389	107	135	266	465	973	1,362

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

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	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	2	1	3	6	0	3	10	15	28	34
Administrative Support	3	5	11	19	0	0	2	4	6	25
Technical Support	0	0	1	1	0	0	0	0	0	1
Service	1	0	3	4	2	0	5	3	10	14
Security and Fire	1	0	0	1	0	7	4	1	12	13
Crafts	0	0	0	0	0	0	2	6	8	8
Line Operators	0	0	0	0	0	0	0	3	3	3
TOTAL	7	6	18	31	2	10	23	32	67	98

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

East Tennessee Technology Park 2004

Absence Data

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

Job Category	Women				Men					TOTAL
	Age Group			TOTAL	Age Group				TOTAL	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	2	1	3	6	0	4	10	16	30	36
Administrative Support	3	5	11	19	0	0	2	5	7	26
Technical Support	0	0	1	1	0	0	0	0	0	1
Service	1	0	3	4	3	0	8	5	16	20
Security and Fire	1	0	0	1	0	7	5	2	14	15
Crafts	0	0	0	0	0	0	2	8	10	10
Line Operators	0	0	0	0	0	0	0	4	4	4
TOTAL	7	6	18	31	3	11	27	40	81	112

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

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	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
< 15	4	1	2	7	1	6	12	12	31	38
15 - 28	0	2	3	5	1	2	7	7	17	22
29 - 42	2	1	1	4	1	1	1	4	7	11
43 - 56	0	0	2	2	0	0	1	5	6	8
57 - 91	1	0	4	5	0	2	3	3	8	13
92 - 182	0	2	4	6	0	0	2	8	10	16
183 +	0	0	2	2	0	0	1	1	2	4
TOTAL	7	6	18	31	3	11	27	40	81	112

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

East Tennessee Technology Park 2004

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	0	6	0	1	0	0	0	7
15 - 28	0	4	0	1	0	0	0	5
29 - 42	2	2	0	0	0	0	0	4
43 - 56	2	0	0	0	0	0	0	2
57 - 91	0	3	0	1	1	0	0	5
92 - 182	2	2	1	1	0	0	0	6
183 +	0	2	0	0	0	0	0	2
TOTAL	6	19	1	4	1	0	0	31

Men

# of Calendar Days	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
< 15	14	2	0	7	6	0	2	31
15 - 28	6	2	0	3	3	2	1	17
29 - 42	1	0	0	2	2	2	0	7
43 - 56	3	0	0	1	0	2	0	6
57 - 91	1	1	0	3	2	0	1	8
92 - 182	4	1	0	0	1	4	0	10
183 +	1	1	0	0	0	0	0	2
TOTAL	30	7	0	16	14	10	4	81

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

East Tennessee Technology Park 2004

Absence Data

Appendix G. 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	30 - 39	40 - 49			50 +
Diagnostic Category	ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	2	0	0	2	0	0	0	2	2	4
-Other Bacterial Dis	030-041	0	0	0	0	0	0	0	1	1	1
-Viral Dis with Exanthem	050-057	1	0	0	1	0	0	0	1	1	2
-Other Viral Dis & Chlamydiae	070-079	1	0	0	1	0	0	0	0	0	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	1	1	2	0	0	0	3	3	5
-Digestive & Peritoneal	150-159	0	0	0	0	0	0	0	2	2	2
-Breast	174-175	0	0	1	1	0	0	0	0	0	1
-Lymphatic & Hematopoietic	200-208	0	1	0	1	0	0	0	1	1	2
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	1	0	0	1	0	0	0	0	0	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	1	0	1	1	1	0	2	4	5
-Thyroid Gland Disorders	240-246	0	0	0	0	0	1	0	0	1	1
-Other Endocrine Gland Dis	250-259	0	1	0	1	0	0	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	1	0	0	2	3	3
MENTAL DISORDERS	290-319	0	0	1	1	0	0	1	0	1	2
-Non-Psychotic Disorders	300-302, 306-316	0	0	1	1	0	0	0	0	0	1
-Drug Dependence	304-305	0	0	0	0	0	0	1	0	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	2	2	4	0	1	4	2	7	11
-Other Disorders of Central NS	340-349	0	0	1	1	0	0	0	0	0	1
-Disorders of Peripheral NS	350-359	0	1	0	1	0	1	0	2	3	4
-Disorders of Eye	360-379	0	1	1	2	0	0	1	0	1	3
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	3	0	3	3
CIRCULATORY SYSTEM	390-459	0	0	0	0	0	0	4	8	12	12
-Hypertensive Dis	401-405	0	0	0	0	0	0	0	1	1	1
-Ischemic Heart Dis	410-414	0	0	0	0	0	0	2	2	4	4
-Other Heart Dis	420-429	0	0	0	0	0	0	1	3	4	4
-Cerebrovascular Dis	430-438	0	0	0	0	0	0	0	1	1	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	0	0	0	1	1	2	2
RESPIRATORY SYSTEM	460-519	2	1	1	4	0	0	0	0	0	4
-Other Dis Upper Respiratory Tract	470-478	1	1	0	2	0	0	0	0	0	2
-Chronic Obstructive Dis	490-496	1	0	1	2	0	0	0	0	0	2
DIGESTIVE SYSTEM	520-579	1	0	0	1	0	1	1	4	6	7
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	0	1	0	0	0	0	0	1

(Continued)

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

East Tennessee Technology Park 2004

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Appendix G. 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	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
-Hernia	550-553	0	0	0	0	0	0	0	3	3	3
-Other Intestinal Dis	560-569	0	0	0	0	0	1	0	0	1	1
-Other Digestive Dis	570-579	0	0	0	0	0	0	1	1	2	2
GENTOURINARY SYSTEM	580-629	0	0	2	2	0	1	3	1	5	7
-Other Urinary Dis	590-599	0	0	1	1	0	1	3	1	5	6
-Other Female Disorders	617-629	0	0	1	1	0	0	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	0	1	0	0	1	1
-Infections	680-686	0	0	0	0	0	1	0	0	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	0	6	7	0	2	7	12	21	28
-Arthropathies	710-719	0	0	2	2	0	0	1	2	3	5
-Dorsopathies	720-724	1	0	2	3	0	0	5	4	9	12
-Rheumatism, Excluding Back	725-729	0	0	2	2	0	0	1	5	6	8
-Other Dis & Acquired Deformities	730-739	0	0	0	0	0	2	0	1	3	3
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	0	1	1	1	0	3	3
-Symptoms	780-789	0	0	0	0	1	1	1	0	3	3
INJURY & POISONING	800-999	0	1	5	6	1	3	6	7	17	23
-Fracture - Lower Limb	820-829	0	0	1	1	0	0	0	1	1	2
-Dislocation	830-839	0	1	0	1	0	0	1	2	3	4
-Sprains & Strains - Back	846-847	0	0	0	0	0	2	2	1	5	5
-Sprains & Strains - Other	840-845, 848	0	0	3	3	1	0	1	3	5	8
-Open Wound - Upper Limb	880-887	0	0	0	0	0	1	0	0	1	1
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	1	0	1	1
-Late Effects of Accident	905-909	0	0	1	1	0	0	0	0	0	1
-Contusion	920-924	0	0	0	0	0	0	1	0	1	1

Diagnostic Category	Women				Men					TOTAL
	Age Group			TOTAL	Age Group				TOTAL	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Total	7	6	18	31	3	11	27	41	82	113

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

East Tennessee Technology Park 2004

Absence Data

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

		Women				TOTAL
		Age Group			TOTAL	
		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	22	0	0	22	
MALIGNANT NEOPLASMS	140-208, 230-234	0	109	120	229	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	41	0	0	41	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	37	0	37	
MENTAL DISORDERS	290-319	0	0	186	186	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	26	212	238	
CIRCULATORY SYSTEM	390-459	0	0	0	0	
RESPIRATORY SYSTEM	460-519	70	15	5	90	
DIGESTIVE SYSTEM	520-579	8	0	0	8	
GENTOURINARY SYSTEM	580-629	0	0	35	35	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	34	0	428	462	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	0	
INJURY & POISONING	800-999	0	97	420	517	

		Men				TOTAL	TOTAL
		Age Group					
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	74	74	96
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	202	202	431
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	0	0	41
ENDOCRINE/METABOLIC/IMMUNITY	240-279	41	83	0	35	159	196
MENTAL DISORDERS	290-319	0	0	26	0	26	212
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	63	166	42	271	509
CIRCULATORY SYSTEM	390-459	0	0	200	453	653	653
RESPIRATORY SYSTEM	460-519	0	0	0	0	0	90
DIGESTIVE SYSTEM	520-579	0	11	12	64	87	95
GENTOURINARY SYSTEM	580-629	0	3	37	26	66	101
SKIN & SUBCUTANEOUS TISSUE	680-709	0	31	0	0	31	31
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	28	463	878	1,369	1,831
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	10	12	6	0	28	28
INJURY & POISONING	800-999	16	35	124	502	677	1,194

*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 2004

Absence Data

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

Diagnostic Category		Women					
		Job Category					TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	
ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	2	0	0	0	2
-Viral Dis with Exanthem	050-057	0	1	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	0	1	0	0	0	1
MALIGNANT NEOPLASMS	140-208, 230-234	1	1	0	0	0	2
-Breast	174-175	1	0	0	0	0	1
-Lymphatic & Hematopoietic	200-208	0	1	0	0	0	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	1	0	0	0	0	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	1	0	0	0	1
-Other Endocrine Gland Dis	250-259	0	1	0	0	0	1
MENTAL DISORDERS	290-319	0	1	0	0	0	1
-Non-Psychotic Disorders	300-302, 306-316	0	1	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	4	0	0	0	4
-Other Disorders of Central NS	340-349	0	1	0	0	0	1
-Disorders of Peripheral NS	350-359	0	1	0	0	0	1
-Disorders of Eye	360-379	0	2	0	0	0	2
RESPIRATORY SYSTEM	460-519	0	3	0	0	1	4
-Other Dis Upper Respiratory Tract	470-478	0	2	0	0	0	2
-Chronic Obstructive Dis	490-496	0	1	0	0	1	2
DIGESTIVE SYSTEM	520-579	0	0	0	1	0	1
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	1	0	1
GENITOURINARY SYSTEM	580-629	0	2	0	0	0	2
-Other Urinary Dis	590-599	0	1	0	0	0	1
-Other Female Disorders	617-629	0	1	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	3	3	1	0	0	7
-Arthropathies	710-719	0	1	1	0	0	2
-Dorsopathies	720-724	3	0	0	0	0	3
-Rheumatism, Excluding Back	725-729	0	2	0	0	0	2
INJURY & POISONING	800-999	1	2	0	3	0	6
-Fracture - Lower Limb	820-829	0	1	0	0	0	1
-Dislocation	830-839	1	0	0	0	0	1
-Sprains & Strains - Other	840-845, 848	0	1	0	2	0	3
-Late Effects of Accident	905-909	0	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 2004

Absence Data

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

Diagnostic Category	Women					
	Job Category					TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	
Total	6	19	1	4	1	31

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	1	0	0	0	1	2
-Other Bacterial Dis		030-041	0	0	0	0	0	1	1
-Viral Dis with Exanthem		050-057	0	1	0	0	0	0	1
MALIGNANT NEOPLASMS		140-208, 230-234	2	0	0	0	1	0	3
-Digestive & Peritoneal		150-159	1	0	0	0	1	0	2
-Lymphatic & Hematopoietic		200-208	1	0	0	0	0	0	1
ENDOCRINE/METABOLIC/IMMUNITY		240-279	0	2	1	1	0	0	4
-Thyroid Gland Disorders		240-246	0	0	0	1	0	0	1
-Other Metabolic & Immunity Disorders		270-279	0	2	1	0	0	0	3
MENTAL DISORDERS		290-319	0	1	0	0	0	0	1
-Drug Dependence		304-305	0	1	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS		320-389	2	0	1	3	1	0	7
-Disorders of Peripheral NS		350-359	1	0	0	1	1	0	3
-Disorders of Eye		360-379	0	0	0	1	0	0	1
-Dis of Ear & Mastoid		380-389	1	0	1	1	0	0	3
CIRCULATORY SYSTEM		390-459	7	0	0	2	2	1	12
-Hypertensive Dis		401-405	0	0	0	0	0	1	1
-Ischemic Heart Dis		410-414	1	0	0	2	1	0	4
-Other Heart Dis		420-429	3	0	0	0	1	0	4
-Cerebrovascular Dis		430-438	1	0	0	0	0	0	1
-Dis of Veins, Lymphatics, Other		451-459	2	0	0	0	0	0	2
DIGESTIVE SYSTEM		520-579	5	0	0	0	1	0	6
-Hernia		550-553	2	0	0	0	1	0	3
-Other Intestinal Dis		560-569	1	0	0	0	0	0	1
-Other Digestive Dis		570-579	2	0	0	0	0	0	2

(Continued)

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

East Tennessee Technology Park 2004

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								
GENTOURINARY SYSTEM	580-629	1	0	3	0	1	0	5
-Other Urinary Dis	590-599	1	0	3	0	1	0	5
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	1	0	0	1
-Infections	680-686	0	0	0	1	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	9	2	5	2	2	1	21
-Arthropathies	710-719	0	0	0	1	1	1	3
-Dorsopathies	720-724	3	2	3	1	0	0	9
-Rheumatism, Excluding Back	725-729	3	0	2	0	1	0	6
-Other Dis & Acquired Deformities	730-739	3	0	0	0	0	0	3
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	0	1	1	0	0	3
-Symptoms	780-789	1	0	1	1	0	0	3
INJURY & POISONING	800-999	4	1	5	4	2	1	17
-Fracture - Lower Limb	820-829	0	0	0	0	0	1	1
-Dislocation	830-839	2	0	0	0	1	0	3
-Sprains & Strains - Back	846-847	1	1	1	2	0	0	5
-Sprains & Strains - Other	840-845, 848	0	0	4	1	0	0	5
-Open Wound - Upper Limb	880-887	0	0	0	1	0	0	1
-Open Wound - Lower Limb	890-897	0	0	0	0	1	0	1
-Contusion	920-924	1	0	0	0	0	0	1

Diagnostic Category	Men						
	Job Category						TOTAL
	Professional	Administrative Support	Service	Security and Fire	Crafts	Line Operators	
Total	31	7	16	14	10	4	82

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

East Tennessee Technology Park 2004

Absence Data

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

Diagnostic Category		Women					
		Job Category					TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	
	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	22	0	0	0	22
MALIGNANT NEOPLASMS	140-208, 230-234	120	109	0	0	0	229
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	41	0	0	0	0	41
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	37	0	0	0	37
MENTAL DISORDERS	290-319	0	186	0	0	0	186
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	238	0	0	0	238
RESPIRATORY SYSTEM	460-519	0	30	0	0	60	90
DIGESTIVE SYSTEM	520-579	0	0	0	8	0	8
GENTOURINARY SYSTEM	580-629	0	35	0	0	0	35
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	127	156	179	0	0	462
INJURY & POISONING	800-999	97	184	0	236	0	517

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	60	0	0	0	14	74
MALIGNANT NEOPLASMS	140-208, 230-234	154	0	0	0	48	0	202
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	35	41	83	0	0	159
MENTAL DISORDERS	290-319	0	26	0	0	0	0	26
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	33	0	8	210	20	0	271
CIRCULATORY SYSTEM	390-459	293	0	0	44	303	13	653
DIGESTIVE SYSTEM	520-579	56	0	0	0	31	0	87
GENTOURINARY SYSTEM	580-629	3	0	37	0	26	0	66
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	31	0	0	31
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	506	312	242	29	218	62	1,369

(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.

East Tennessee Technology Park 2004

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	6	0	10	12	0	0	28
INJURY & POISONING	800-999	233	11	116	55	235	27	677

*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 2004

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	2	2.7	0.7	10.7
Malignant Neoplasms	140-208, 230-234	3	2.2	0.6	8.2
-Digestive Organs	150-159	2	0.9	0.2	3.5
-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	1	1.3	0.2	9.5
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	4	5.0	1.5	16.2
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	1	0.9	0.1	6.2
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	1	0.9	0.1	6.2
Nervous System & Sense Organs	320-389	7	7.0	3.2	15.5
Circulatory System	390-459	12	8.8	4.7	16.4
-Hypertension	401	1	0.4	0.1	3.1
-Acute Myocardial Infarction	410	2	1.3	0.3	5.6
-Ischemic Disease, not M.I.	411-414, 429.2	2	2.2	0.5	9.1
-Cerebrovascular Disease	430-438	1	0.4	0.1	3.1
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	6	4.4	1.7	11.4
-Hernias	550-553	3	1.3	0.4	4.1
-Gallbladder Disease	574-575	2	1.3	0.3	5.6
Genitourinary System	580-629	5	5.7	2.3	14.2
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	1	1.7	0.2	12.4
Musculoskeletal System	710-739	21	18.5	11.5	29.7
-Dorsopathies	720-724	9	7.0	3.5	14.0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	3	5.0	1.5	16.6
Injury & Poisoning	800-999	17	16.8	9.7	29.1
-Fractures, All Sites	800-829	1	0.4	0.1	3.1

*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 2004

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	3	1.8	0.5	5.8
-Sprains & Strains	840-848	10	11.1	5.5	22.7
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	2	2.6	0.6	11.3
-Other Injuries	900-999	1	0.9	0.1	6.2
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		82	78.6	61.5	100.6

Part 2. Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	2	6.2	1.5	24.8
Malignant Neoplasms	140-208, 230-234	2	3.0	0.7	11.8
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	1	1.5	0.2	10.5
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	1	1.5	0.2	10.5
Benign Neoplasms & Other	210-229, 235-239	1	3.1	0.4	22.0
Endocrine & Metabolic Diseases	240-279	1	1.5	0.2	10.5
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	1	1.5	0.2	10.5
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	4	5.9	2.2	15.8
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	4	9.2	3.2	25.9
-Upper Respiratory	460-465, 470-478	2	4.6	1.1	19.9

*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 2004

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	0	0	0	0
-Chronic Respiratory Conditions	490-496	2	4.6	1.1	19.9
Digestive System	520-579	1	3.1	0.4	22.0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	2	3.0	0.7	11.9
-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	7	15.3	6.6	35.7
-Dorsopathies	720-724	3	9.4	2.7	32.3
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	15.6	6.1	39.6
-Fractures, All Sites	800-829	1	1.5	0.2	10.5
-Dislocations	830-839	1	1.5	0.2	10.5
-Sprains & Strains	840-848	3	11.1	3.3	38.0
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	0	0	0	0
-Other Injuries	900-999	1	1.5	0.2	10.5
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		31	67.2	45.3	99.7

*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 2004

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	4	4.3	1.6	11.5
Malignant Neoplasms	140-208, 230-234	5	2.6	1.0	7.0
-Digestive Organs	150-159	2	0.7	0.2	2.7
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	1	0.3	0.0	2.4
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	2	1.6	0.4	6.8
Benign Neoplasms & Other	210-229, 235-239	1	1.1	0.2	7.9
Endocrine & Metabolic Diseases	240-279	5	4.4	1.5	12.9
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	2	0.9	0.2	3.7
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	1	0.5	0.1	3.9
Nervous System & Sense Organs	320-389	11	6.5	3.4	12.3
Circulatory System	390-459	12	6.3	3.4	11.8
-Hypertension	401	1	0.3	0.0	2.4
-Acute Myocardial Infarction	410	2	0.9	0.2	3.7
-Ischemic Disease, not M.I.	411-414, 429.2	2	1.6	0.4	6.8
-Cerebrovascular Disease	430-438	1	0.3	0.0	2.4
Respiratory System	460-519	4	3.1	1.1	9.1
-Upper Respiratory	460-465, 470-478	2	1.7	0.4	7.2
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	2	1.5	0.3	7.0
Digestive System	520-579	7	4.1	1.8	9.7
-Hernias	550-553	3	1.0	0.3	3.2
-Gallbladder Disease	574-575	2	0.9	0.2	3.7
Genitourinary System	580-629	7	4.5	2.0	10.1
-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	1	1.1	0.2	7.9
Musculoskeletal System	710-739	28	16.8	11.1	25.5
-Dorsopathies	720-724	12	7.3	3.9	13.6
Congenital Anomalies	740-759	0	0	0	0

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

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

East Tennessee Technology Park 2004

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	3	3.7	1.0	13.0
Injury & Poisoning	800-999	23	15.4	9.5	24.9
-Fractures, All Sites	800-829	2	0.7	0.2	2.7
-Dislocations	830-839	4	1.8	0.6	4.9
-Sprains & Strains	840-848	13	10.4	5.5	19.5
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	2	1.7	0.4	7.2
-Other Injuries	900-999	2	0.9	0.2	3.7
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		113	74.8	60.5	92.6

*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 2004
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	
	50 +		30 - 39	40 - 49	50 +		
Professional	0	0	0	1	0	1	1
Administrative Support	1	1	0	0	0	0	1
Service	0	0	0	1	1	2	2
Crafts	0	0	1	2	3	6	6
TOTAL	1	1	1	4	4	9	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	0	0	0	1	5	0	1	5	0
40 - 49	0	0	0	5	0	223	5	0	223
50 +	2	10	0	5	88	147	7	98	147
TOTAL	2	10	0	11	93	370	13	103	370

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	0	0	0	2	0	0	2	0	0
Administrative Support	2	10	0	0	0	0	2	10	0
Service	0	0	0	2	0	17	2	0	17
Crafts	0	0	0	7	93	353	7	93	353
Total	2	10	0	11	93	370	13	103	370

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

East Tennessee Technology Park 2004

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 +		
Diagnostic Category	ICD-9-CM code	50 +	TOTAL	30 - 39	40 - 49	50 +	TOTAL	TOTAL
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	1	0	1	1
-Rickettsioses & Other Arthropod	080-088	0	0	0	1	0	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	1	0	0	1	1	2
-Disorders of Peripheral NS	350-359	1	1	0	0	1	1	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	1	0	1	1
-Symptoms	780-789	0	0	0	1	0	1	1
INJURY & POISONING	800-999	1	1	1	3	4	8	9
-Fracture - Lower Limb	820-829	0	0	0	1	0	1	1
-Sprains & Strains - Back	846-847	0	0	1	0	1	2	2
-Sprains & Strains - Other	840-845, 848	0	0	0	0	2	2	2
-Complications & Unspecified Injuries	958-959	1	1	0	2	1	3	4

Diagnostic Category	Women		Men				TOTAL
	Age Group	TOTAL	Age Group			TOTAL	
			30 - 39	40 - 49	50 +		
50 +	TOTAL	30 - 39	40 - 49	50 +	TOTAL	TOTAL	
Total	2	2	1	5	5	11	13

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

**East Tennessee Technology Park 2004
OSHA Data**

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

		Women	
		Age Group	
		50 +	
		Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes		
-Disorders of Peripheral NS	350-359	10	0
-Complications & Unspecified Injuries	958-959	0	0

		Men					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Rickettsioses & Other Arthropod	080-088	0	0	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	0	87
-Symptoms	780-789	0	0	0	31	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	5	0	0	0	88	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	192	0	60

*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 2004
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 +		
Type of Accident	E Codes	50 +	TOTAL	30 - 39	40 - 49	50 +	TOTAL	TOTAL
Falls	E880-E888	1	1	0	0	0	0	1
Other Accidents	E916-E928	0	0	1	3	5	9	9

*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	
		50 +	
		Days Restricted	Days Lost
Type of Accident	E Codes		
Falls	E880-E888	0	0

		Men					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
		Type of Accident	E Codes				
Other Accidents	E916-E928	5	0	0	223	88	147

*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 2004

OSHA Data

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

		Women	
		Job Category	TOTAL
		Administrative Support	
Diagnostic Category	ICD-9-CM Code		
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	1
-Disorders of Peripheral NS	350-359	1	1
INJURY & POISONING	800-999	1	1
-Complications & Unspecified Injuries	958-959	1	1

Diagnostic Category	Women	
	Job Category	TOTAL
	Administrative Support	
Total	2	2

		Men			
		Job Category			TOTAL
		Professional	Service	Crafts	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	0	0	1
-Rickettsioses & Other Arthropod	080-088	1	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	1	1
-Disorders of Peripheral NS	350-359	0	0	1	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	1	1
-Symptoms	780-789	0	0	1	1
INJURY & POISONING	800-999	1	2	5	8
-Fracture - Lower Limb	820-829	1	0	0	1
-Sprains & Strains - Back	846-847	0	0	2	2
-Sprains & Strains - Other	840-845, 848	0	1	1	2
-Complications & Unspecified Injuries	958-959	0	1	2	3

Diagnostic Category	Men			
	Job Category			TOTAL
	Professional	Service	Crafts	
Total	2	2	7	11

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

East Tennessee Technology Park 2004
OSHA Data

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

		Women	
		Job Category	
		Administrative Support	
		Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes		
-Disorders of Peripheral NS	350-359	10	0
-Complications & Unspecified Injuries	958-959	0	0

		Men					
		Job Category					
		Professional		Service		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Rickettsioses & Other Arthropod	080-088	0	0	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	0	87
-Symptoms	780-789	0	0	0	0	0	31
-Fracture - Lower Limb	820-829	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	93	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	17	0	235

*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.

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

		Women	
		Job Category	TOTAL
		Administrative Support	
Type of Accident	E CODES		
Falls	E880-E888	1	1

		Men		
		Job Category		TOTAL
		Service	Crafts	
Type of Accident	E CODES			
Other Accidents	E916-E928	2	7	9

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

East Tennessee Technology Park 2004

OSHA Data

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

		Women	
		Job Category	
		Administrative Support	
		Days Restricted	Days Lost
Type of Accident	E Codes		
Falls	E880-E888	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	17	93	353

*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 2004

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	1	0.9	0.1	6.2
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	0.4	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
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	0.9	0.1	6.2
Injury & Poisoning	800-999	8	7.9	3.7	16.8
-Fractures, All Sites	800-829	1	0.9	0.1	6.2

*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 2004

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	4	4.9	1.7	13.9
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	0	0	0	0
-Other Injuries	900-999	3	2.2	0.7	7.1
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	10.1	5.3	19.2

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 & 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	4.8	0.7	34.2
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.

East Tennessee Technology Park 2004

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	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	0	0	0	0
Injury & Poisoning	800-999	1	4.8	0.7	34.2
-Fractures, All Sites	800-829	0	0	0	0
-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	0	0	0	0
-Other Injuries	900-999	1	4.8	0.7	34.2
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		2	9.6	2.4	38.5

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	1	0.5	0.1	3.9
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 2004

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	2	1.4	0.3	6.6
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	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	0.5	0.1	3.9
Injury & Poisoning	800-999	9	6.6	3.2	13.4
-Fractures, All Sites	800-829	1	0.5	0.1	3.9
-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.

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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
-Sprains & Strains	840-848	4	3.5	1.3	10.0
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	0	0	0	0
-Other Injuries	900-999	4	2.5	0.9	7.2
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		13	9.1	5.0	16.4

*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.