

2010

East Tennessee Technology Park Annual Illness and Injury Surveillance Report



East Tennessee Technology Park 2010 Illness and Injury Surveillance Report

Questions or comments about this report or the Illness and Injury Surveillance Program (IISP) may be directed to:

E-mail:

Dr. Cliff Strader at [**cliff.strader@hq.doe.gov**](mailto:cliff.strader@hq.doe.gov)
or Dr. Bonnie Richter at [**bonnie.richter@hq.doe.gov**](mailto:bonnie.richter@hq.doe.gov)

or direct letters to:

Mail Stop HS-13 / GTN Building
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington, DC 20585-0270

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/)



ACKNOWLEDGEMENT

LifeART images copyright 2000 Lippincott Williams & Wilkins. All rights reserved.

This document was produced under contract number DE-AC05-06OR23100 between the
U.S. Department of Energy and Oak Ridge Associated Universities.

East Tennessee Technology Park
2010 Illness and Injury Surveillance Report
At A Glance

NOTE: In previous years, the number of days absent or lost and the age of the work force were reported as averages. Beginning in 2010, they are being reported as medians. A median is the value in a population that half the values exceed and half fall short of it. The median is less affected than the average when the distribution contains a few very large or very small values and provides a more representative summary measure.

The 1,545 East Tennessee Technology Park (ETTP) employees included in illness and injury surveillance in 2010 represented a decrease of 6 percent from 2009. The overall distribution of job categories has been similar from 2006 to 2010 with the exception of Line Operators, which more than doubled, and Professional workers, which had a 25 percent decrease. The median age of workers in 2010 was 51 years for women and 49 years for men. Since 2006, the median age has increased for both men and women, but the increase has occurred more rapidly among women.

Women reported 46 absences, resulting in an absence rate of 12 absences per 100 workers (46/378). The 1,167 men reported 98 absences, yielding an absence rate of 8.4 per 100 workers (98/1,167). The overall absence rate increased 27 percent from 2006 to 2010. The median length of absence decreased for women and men from 2006 to 2010. The median length of absence for women was 27 days in 2006 and 22 days in 2010. Among men, the median length of absence decreased from 24 days in 2006 to 21 days in 2010.

Among the 136 diagnoses reported by men, musculoskeletal and digestive conditions and injuries accounted for 51 percent. Diagnoses reported by men increased 89 percent from 2009, with almost half of the increase due to these 3 diagnostic categories.

For women, 54 percent of the 65 diagnoses were due to musculoskeletal, respiratory, and genitourinary conditions. Diagnoses among women increased by 30 percent from 2009, mainly the result of an increase in genitourinary and musculoskeletal diagnoses.

Since 2006, the absence rate for women at ETTP has been at least 40 percent greater than the absence rate for men. Higher absence rates among women are common among the sites in the IISP program. Security and Fire workers had the highest absence rate among men in 2010 (13 absences per 100 workers). Among women, Crafts workers had the highest absence rate (33 absences per 100 workers).

No definite occupational sentinel health events (SHEOs) were identified in 2010. Of the 9 possible SHEOs, 5 diagnoses of carpal tunnel syndrome were reported by 5 workers, all 40 years of age or older. Three workers were in the Crafts occupational category and 1 each was in the Administrative Support and Professional categories.

Women reported 1 OSHA-recordable event, and men reported 8 OSHA-recordable events in 2010. These 9 events were spread over 7 different accident categories. Nine of the 11 diagnoses (82 percent) were for injuries. Only Service workers reported any OSHA events in 2010, which involved 49 lost or restricted days.

**The East Tennessee Technology Park
Work Force – 2010**

The Work Force by Gender and Age 1

The Work Force by Gender and Job
Category 1

Number and Length of Absences

Absence Rate by Gender and Age 2

Number of Days Absent by
Gender and Age 2

Absence Rate by Job Category
and Gender 3

Median Duration of Absence by
Job Category and Gender 3

Diagnostic Categories

Number of Diagnoses and Lost Calendar
Days by Diagnostic Category
(Categorized by ICD-9-CM) and Gender 4

Common Diagnoses Among Female
Workers in 2010 5

Common Diagnoses Among Male
Workers in 2010 6

Number of Most Frequently Reported
Diagnoses by Job Category and Gender 7

Rates of Disease Occurrence

Rates for All Illnesses and Injuries Combined
by Job Category, Gender, and Age 8

Rates for Selected Diagnostic Categories
by Job Category, Gender, and Age 8

Time Trends

Age-Adjusted Rates for All Diagnoses
Combined Among Women and Men from
2006 to 2010 10

Age-Adjusted Rates for Selected Diagnostic
Categories Among Women and Men from
2006 to 2010 11

Age-Adjusted Rates for All Diagnoses
Combined Among Women and Men by Job
Category from 2006 to 2010 12

**Sentinel Health Events for Occupations
(SHEOs)**

Characteristics of SHEOs by Gender 13

SHEO Diagnoses by Gender 13

**Occupational Safety and Health
Administration (OSHA)-Recordable Events**

OSHA-Recordable Events by Gender
and Age 14

OSHA-Recordable Events by Job
Category and Gender 14

**Diagnostic and Accident Categories for
OSHA-Recordable Events**

OSHA-Recordable Diagnoses by
Diagnostic Category and Gender 15

OSHA-Recordable Accidents by Type
and Gender 15

Rates of OSHA-Recordable Events

OSHA-Recordable Rates by Age and Job
Categories Among Women, All Diagnoses
Combined 16

OSHA-Recordable Rates by Age and Job
Categories Among Men, All Diagnoses
Combined 16

Time Trends for OSHA-Recordable Events

Age-Adjusted Rates for All OSHA-Recordable
Diagnoses Combined Among Women and Men
by Job Category from 2006 to 2010 17

Appendices

Appendices A-W 19

The East Tennessee Technology Park Work Force - 2010

Figure 1. The Work Force by Gender and Age

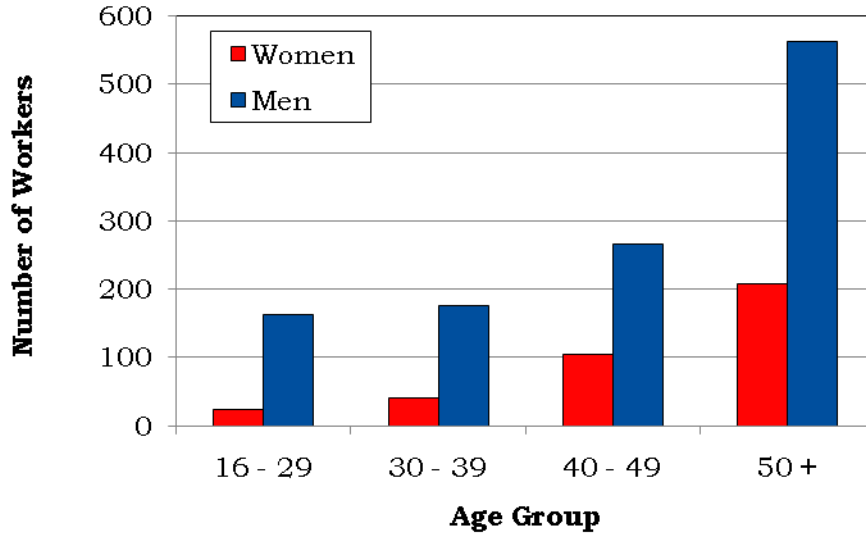


Figure 2. The Work Force by Gender and Job Category

Job Category	Women	Men
Professional	117 31%	389 33%
Administrative Support	123 32%	46 4%
Technical Support	9 2%	10 1%
Service	113 30%	340 29%
Security and Fire	3 1%	30 3%
Crafts	3 1%	184 16%
Line Operators	10 3%	168 14%
Total	378 100%	1,167 100%

Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

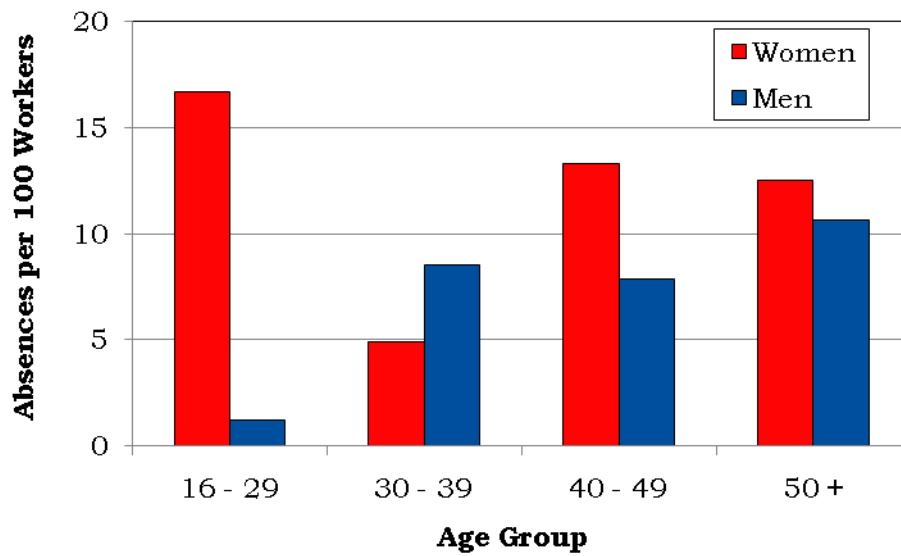


Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Median
Women*	16-29	4	37	9
	30-39	2	33	17
	40-49	14	673	46
	50+	26	1,206	23
	Total	46	1,949	22
Men	16-29	2	39	20
	30-39	15	438	21
	40-49	21	556	17
	50+	60	2,612	21
	Total	98	3,645	21

*Normal pregnancies were excluded from absences for women.

Figure 5. Absence Rate by Job Category and Gender

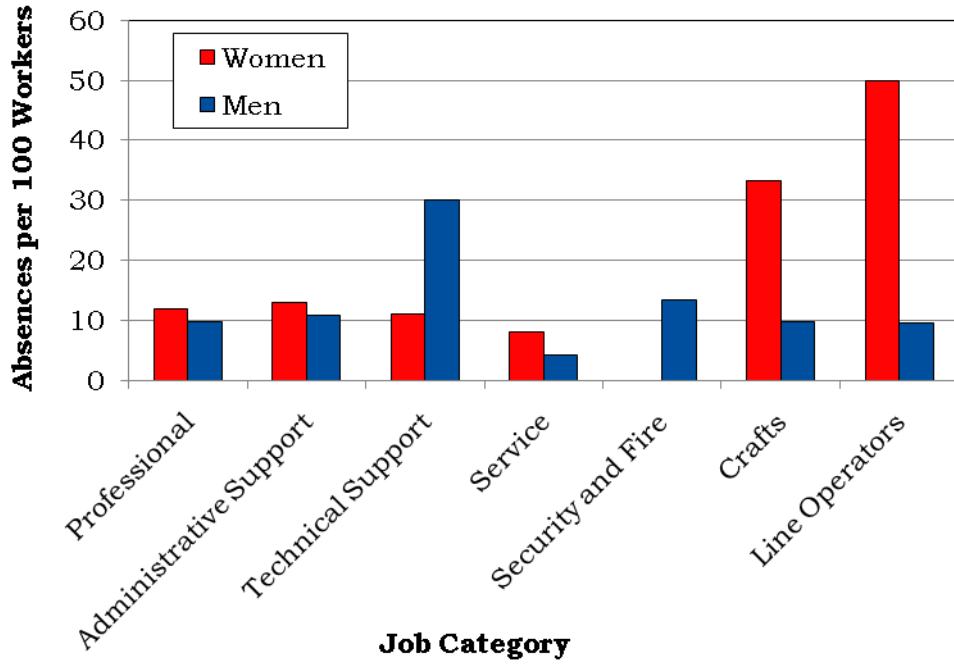
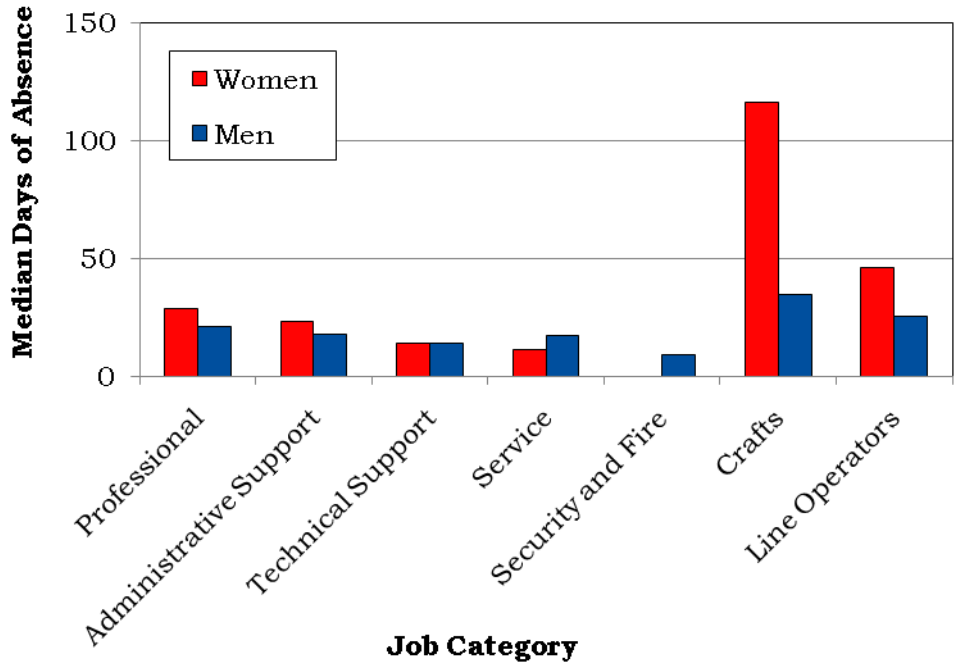


Figure 6. Median Duration of Absence by Job Category and Gender



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	22	0	0
Blood	0	0	0	0
Cancer	2	261	8	419
Digestive	5	146	16	454
Endocrine/Metabolic	3	46	4	48
Existing Birth Condition	0	0	0	0
Genitourinary	11	393	11	186
Heart/Circulatory	2	62	9	385
Infections/Parasites	3	15	1	8
Injury	3	151	24	1,006
Miscarriage	0	0	NA	NA
Musculoskeletal	16	836	29	897
Nervous System	5	55	8	353
Psychological	1	62	6	258
Respiratory	8	75	13	305
Skin	1	18	3	45
Unspecified Symptoms	4	105	4	63

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 2010

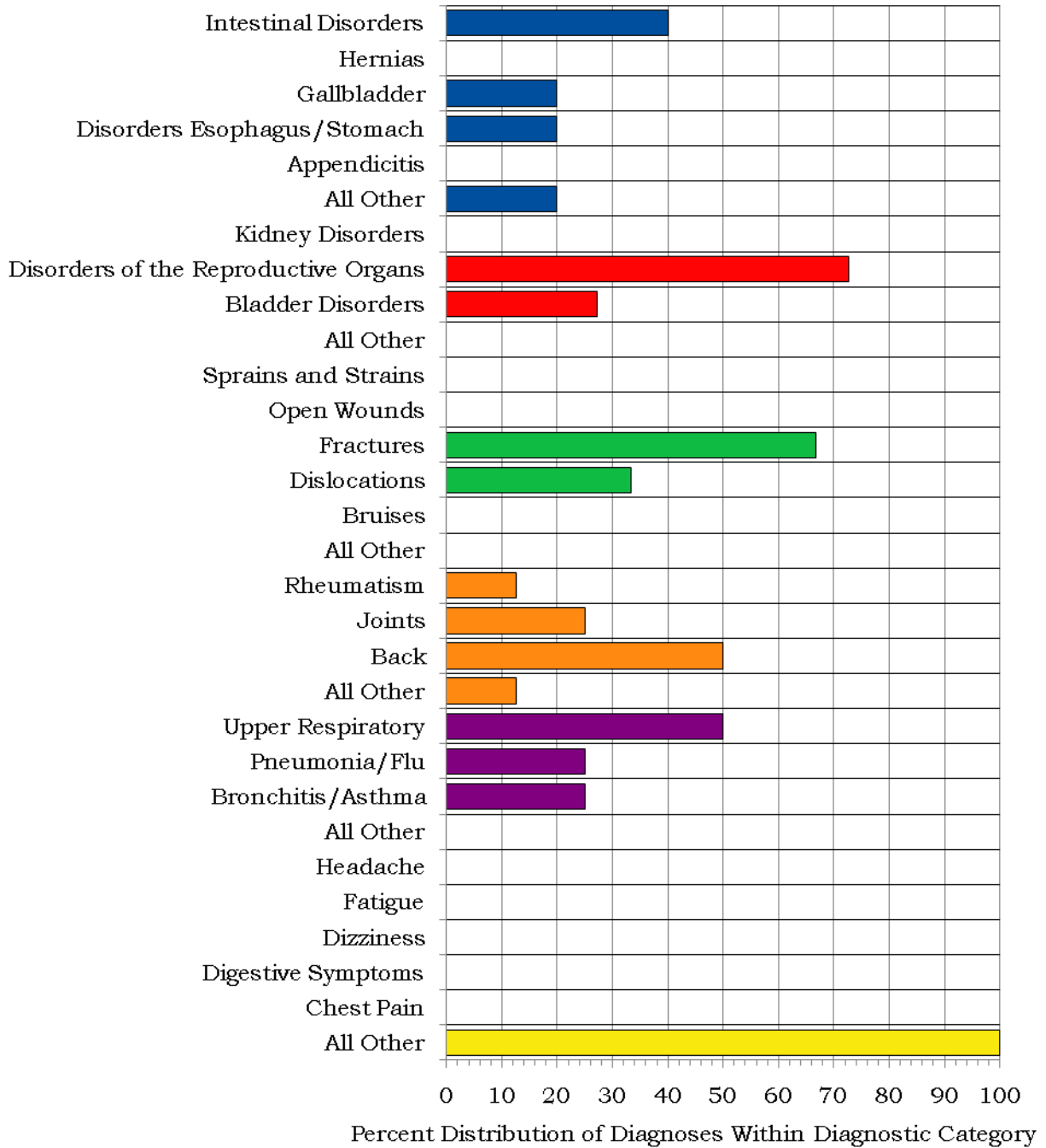
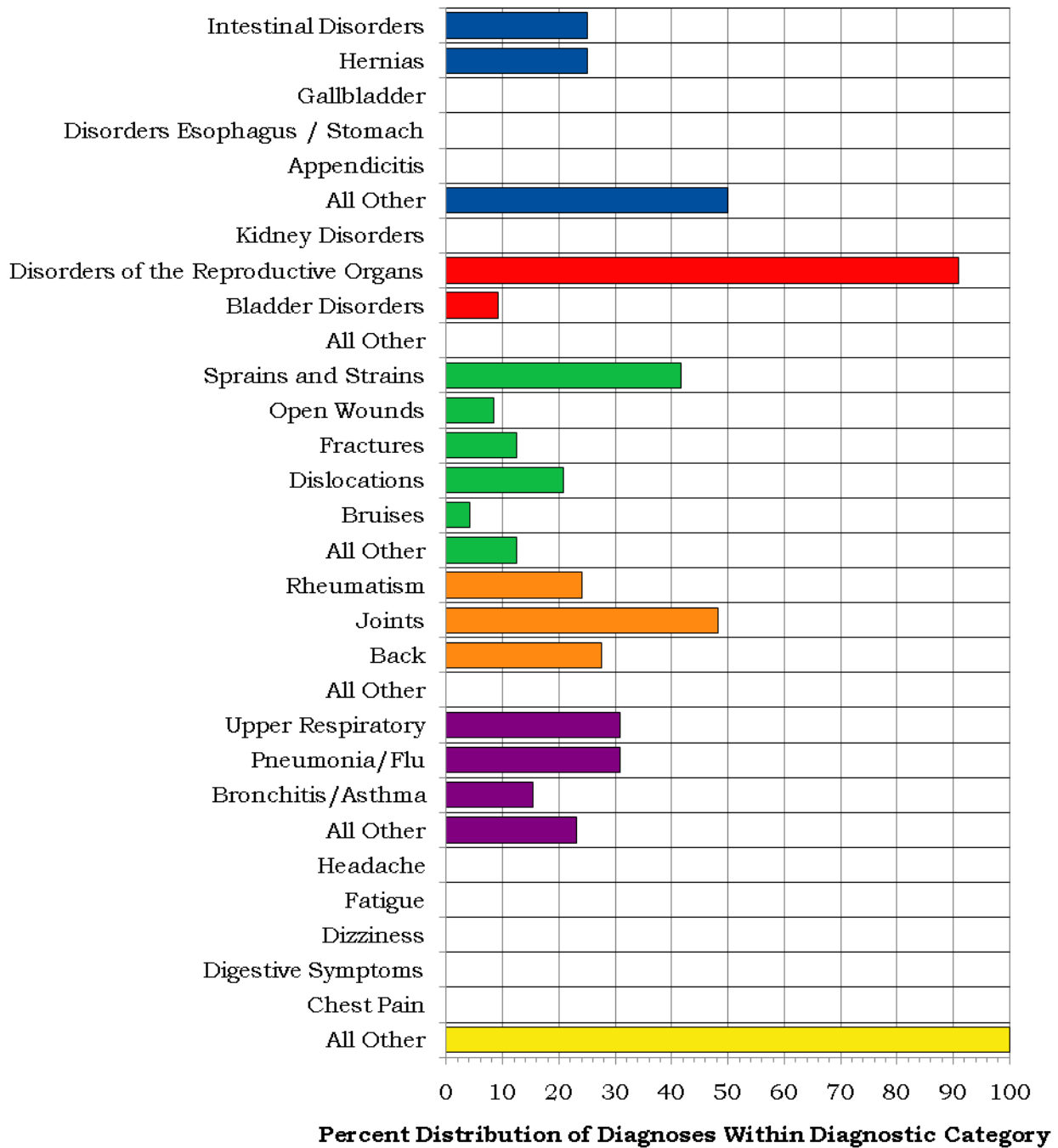


Figure 9. Common Diagnoses Among Male Workers in 2010



■ Digestive, 16 Diagnoses	■ Musculoskeletal, 29 Diagnoses
■ Genitourinary, 11 Diagnoses	■ Respiratory, 13 Diagnoses
■ Injury, 24 Diagnoses	■ Unspecified Symptoms, 4 Diagnoses

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

Job Category	Men		Women	
Professional	Injury	10	Musculoskeletal	8
	Musculoskeletal	10	Genitourinary	4
	Digestive	7	Digestive	2
			Endocrine/Metabolic	2
			Infections/Parasites	2
Administrative Support	Respiratory	2	Genitourinary	5
	Injury	1	Musculoskeletal	3
	Musculoskeletal	1	Nervous System	3
	Digestive	1		
	Nervous System	1		
Technical Support	Musculoskeletal	2	Injury	1
	Genitourinary	2		
Service	Injury	5	Respiratory	7
	Genitourinary	3	Musculoskeletal	2
	Unspecified Symptoms	3	Digestive	1
			Unspecified Symptoms	1
			Skin	1
Security and Fire	Respiratory	2		0
	Endocrine/Metabolic	2		
	Heart/Circulatory	1		
	Infections/Parasites	1		
Crafts	Musculoskeletal	10	Musculoskeletal	2
	Respiratory	5		
	Nervous System	5		
Line Operators	Musculoskeletal	6	Genitourinary	2
	Digestive	6	Unspecified Symptoms	2
	Injury	4	Musculoskeletal	1
			Nervous System	1
			Infections/Parasites	1
		Psychological	1	

Rates of Disease Occurrence

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

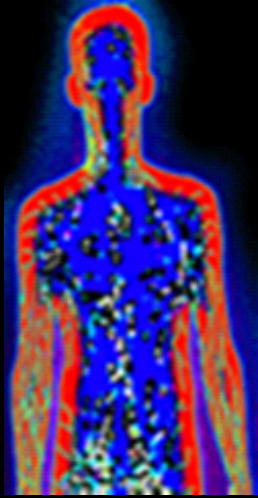
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	103	182
		50+	137	161
	Administrative Support	<50	38	244
		50+	250	141
	Technical Support	<50	200	0
		50+	600	167
	Service	<50	57	115
		50+	21	96
	Security and Fire	<50	63	0
		50+	357	0
	Crafts	<50	109	1,000
		50+	239	0
	Line Operators	<50	65	667
		50+	227	857

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

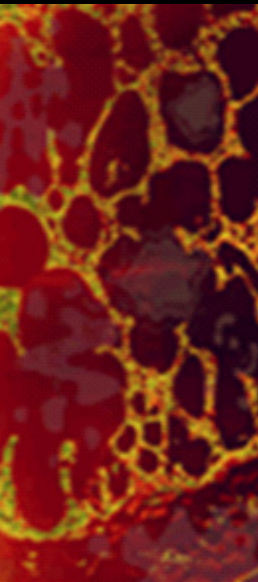
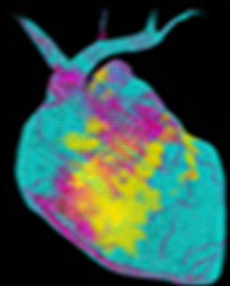
Cancer	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	16	0
		50+	11	0
	Administrative Support	<50	0	22
		50+	0	13
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	0	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	11	0
	Line Operators	<50	0	0
		50+	27	0

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+	19	0
	Administrative Support	<50	0	44
		50+	0	0
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	11	0
	Security and Fire	<50	0	0
		50+	71	0
	Crafts	<50	22	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0



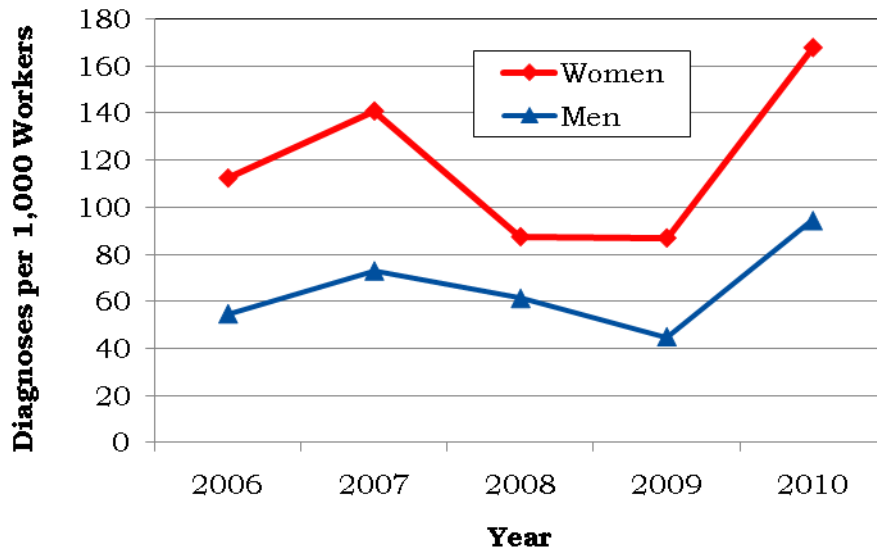
Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	4	0
	Administrative Support	<50	0	22
		50+	100	0
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	4	82
		50+	0	38
	Security and Fire	<50	63	0
		50+	71	0
	Crafts	<50	11	0
		50+	43	0
	Line Operators	<50	11	0
		50+	13	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	32	0
		50+	23	0
	Administrative Support	<50	0	22
		50+	50	13
	Technical Support	<50	0	0
		50+	0	167
	Service	<50	16	0
		50+	11	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	22	0
		50+	22	0
	Line Operators	<50	0	0
		50+	53	0

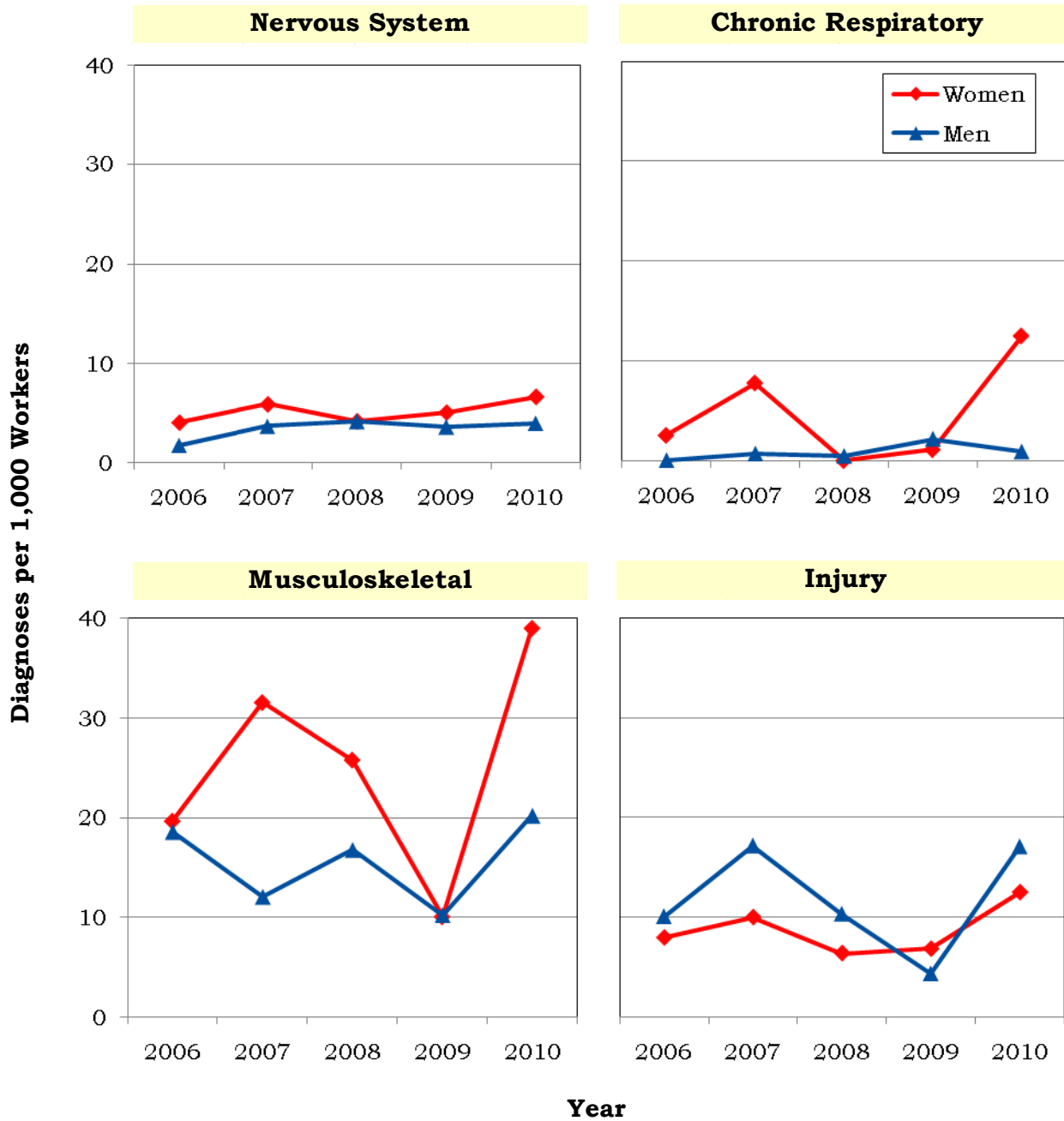
Time Trends

Figure 13. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men from 2006 to 2010*



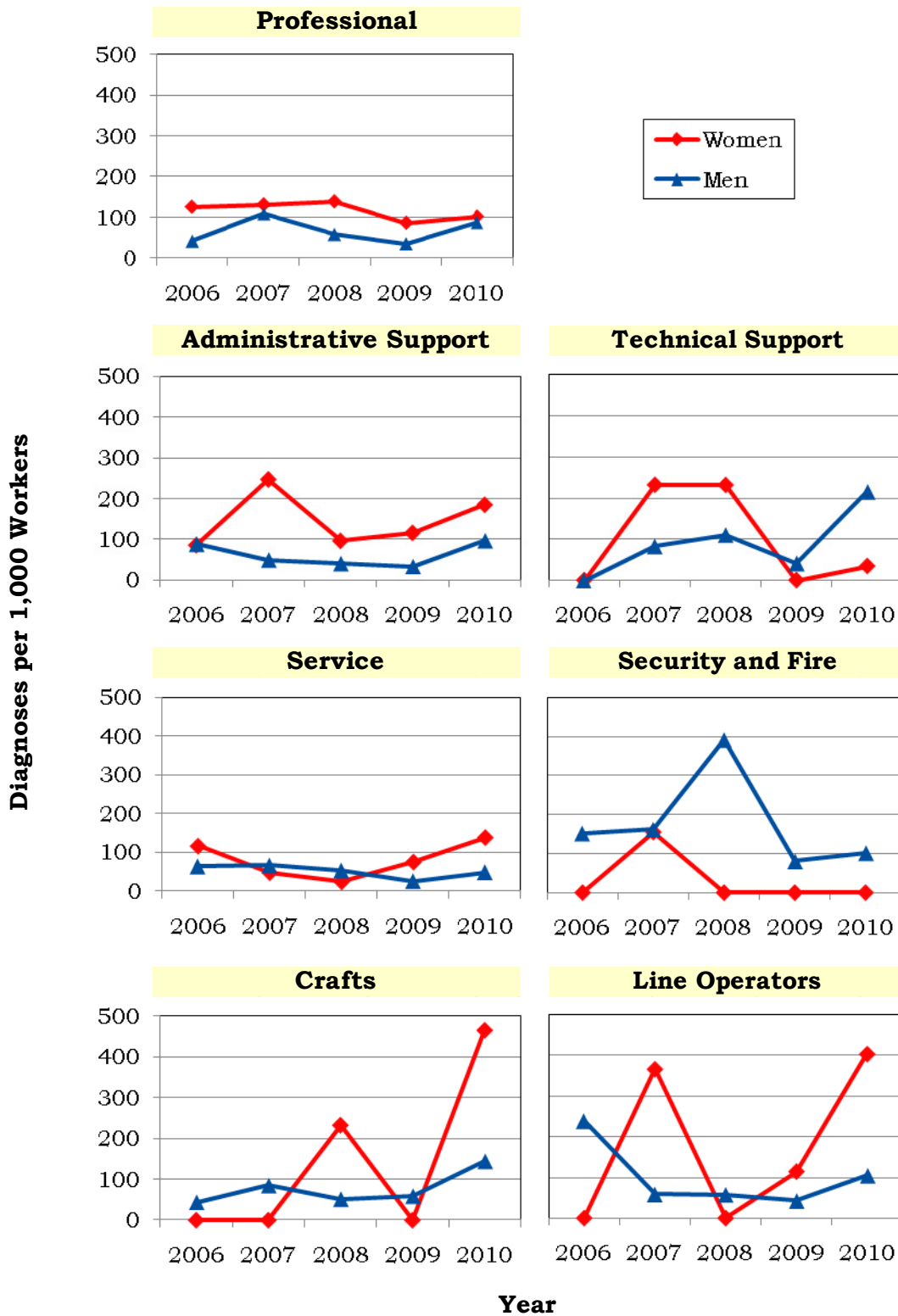
*Standardized to age distribution of 2000 U.S. population.

Figure 14. Age-Adjusted Rates for Selected Diagnostic Categories Among Women and Men from 2006 to 2010*



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

Figure 15. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men by Job Category from 2006 to 2010*



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

Sentinel Health Events for Occupations (SHEOs)

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

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

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

Figure 16. Characteristics of SHEOs by Gender

	Total Number of SHEO Diagnoses		Total Number of Days Absent	
	Men	Women	Men	Women
Definite	0	0	0	0
Possible	8	1	578	24
Total	8	1	578	24

Figure 17. SHEO Diagnoses by Gender

Diagnoses	Gender	
	Women	Men
Carpal Tunnel Syndrome	1	4
Other Conditions	0	4

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 18. OSHA-Recordable Events by Gender and Age

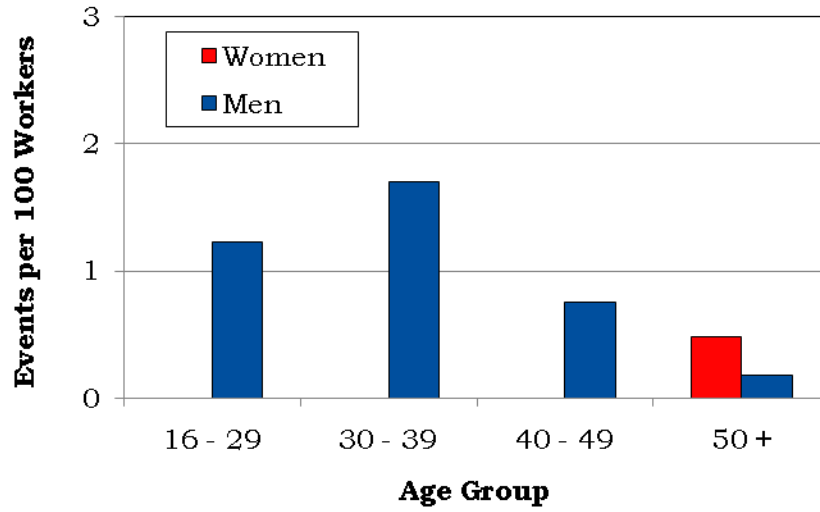
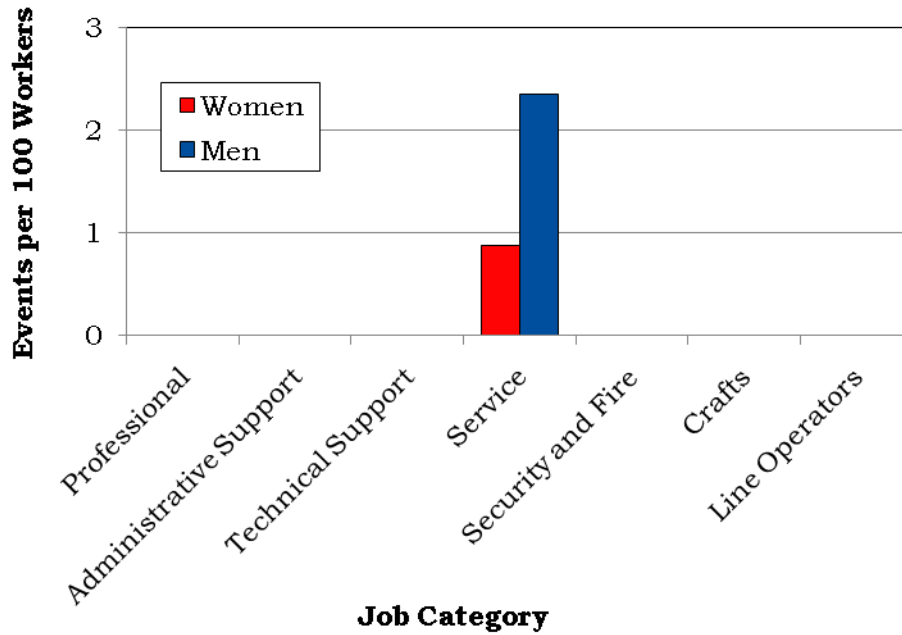


Figure 19. OSHA-Recordable Events by Job Category and Gender



Diagnostic and Accident Categories for OSHA-Recordable Events

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

Diagnostic Category	Gender	
	Women	Men
Musculoskeletal	0	1
Nervous System	0	1
Injury	1	8
Back Sprains & Strains	0	1
Other Sprains & Strains	0	2
Open Wounds - Head, Neck, Trunk	0	1
Open Wounds - Upper Limb	0	1
Superficial Injuries	0	1
Bruises	0	1
Foreign Bodies Entering Orifice	0	1
Adverse Reactions to Non-Medical Substances	1	0

Figure 21. OSHA-Recordable Accidents by Type and Gender

Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Falls	0	2
Natural/Environmental Factors	1	0
Submersion/Suffocation/Foreign Bodies	0	2
Other Accidents	0	4
Struck by an Object	0	1
Caught Between Objects	0	1
Overexertion/Strenuous Movements	0	2
Total	1	8

Rates of OSHA-Recordable Events

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

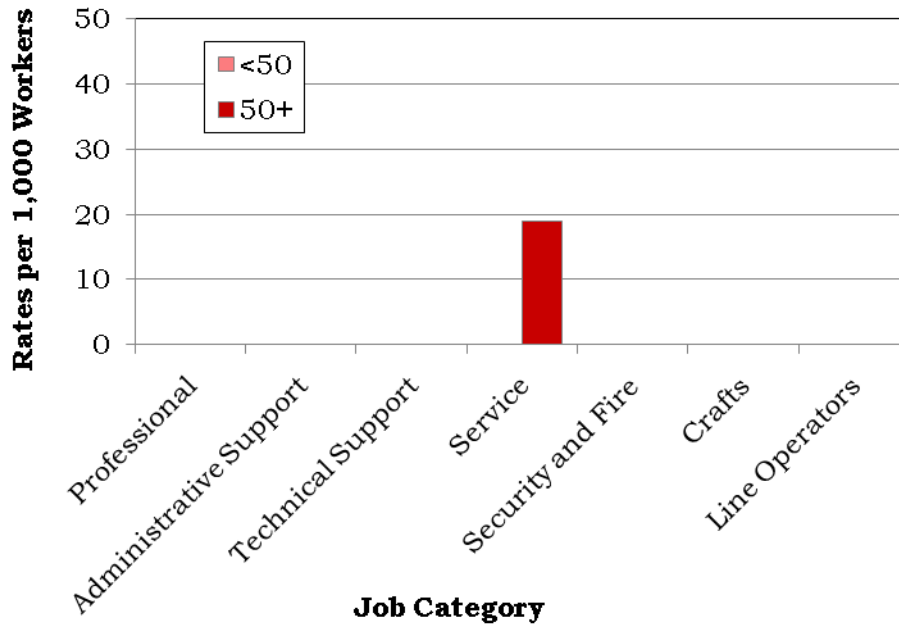
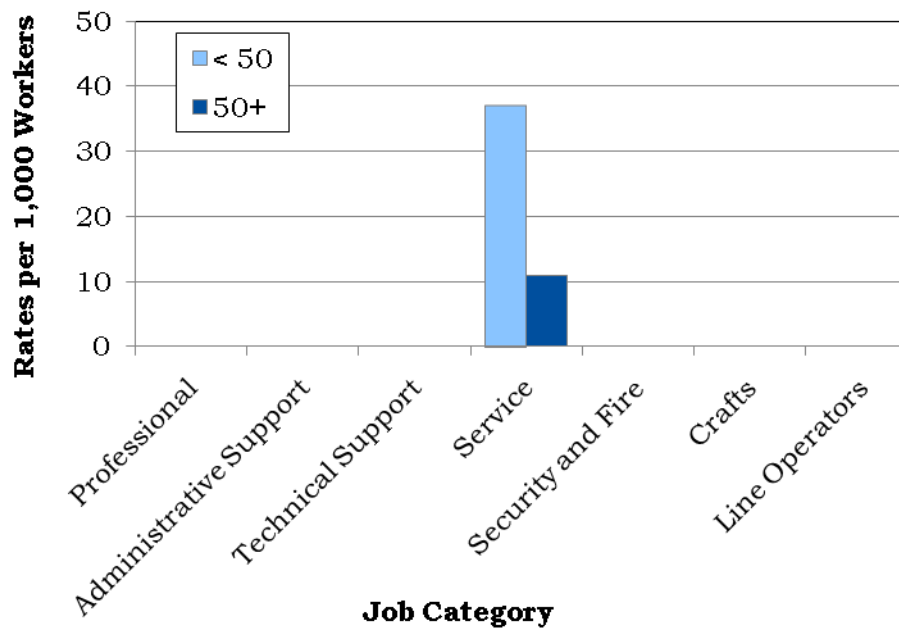
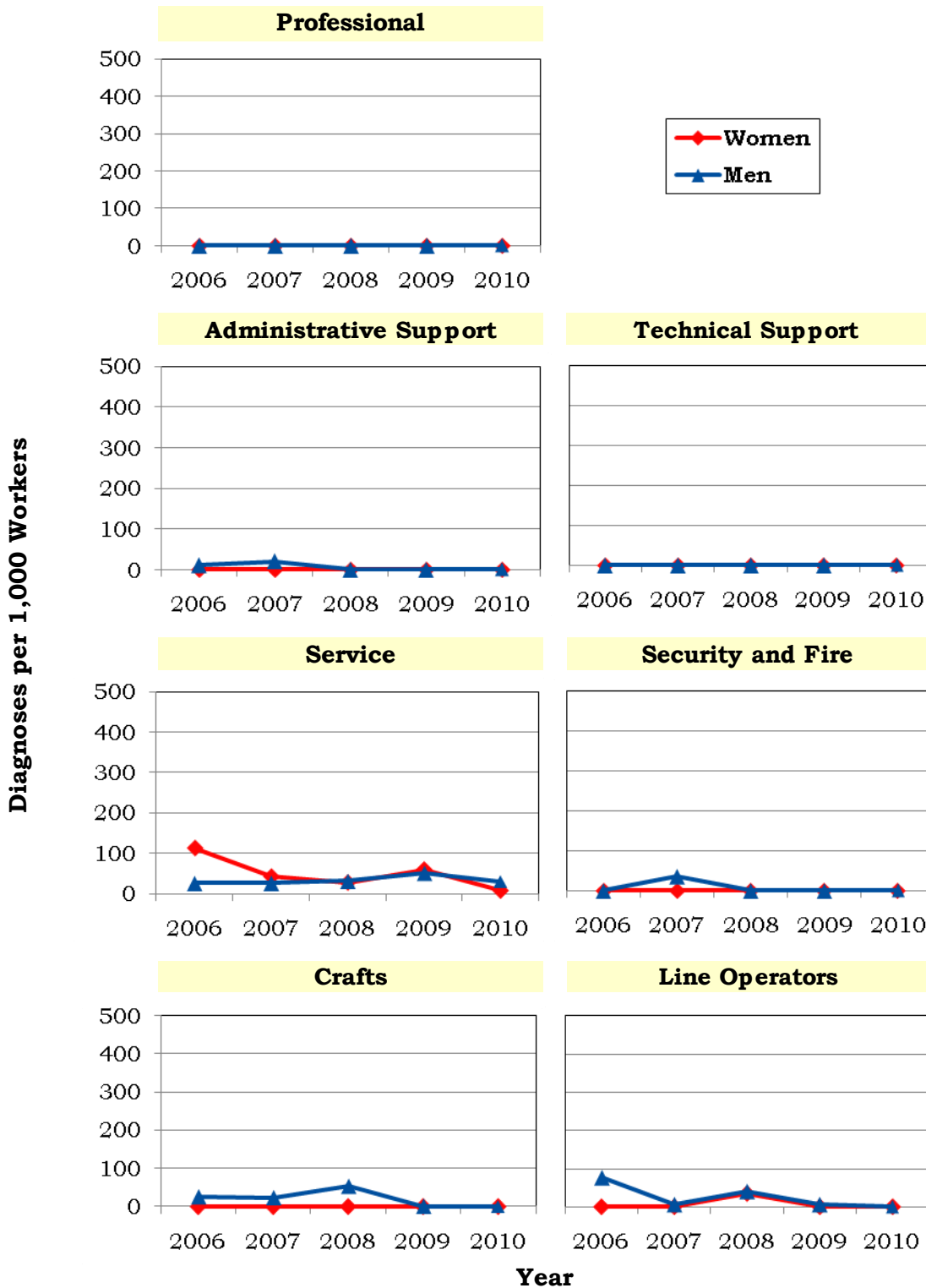


Figure 23. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined



Time Trends for OSHA-Recordable Events

Figure 24. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined Among Women and Men by Job Category from 2006 to 2010*



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

Appendices

East Tennessee Technology Park 2010
Absence Data

Appendix A. Work Force by Gender, Age, and Job Category

Job Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	5	7	43	62	117	17	22	87	263	389	506
Administrative Support	5	14	26	78	123	7	10	9	20	46	169
Technical Support	0	1	2	6	9	1	2	2	5	10	19
Service	13	18	30	52	113	88	77	81	94	340	453
Security and Fire	0	0	1	2	3	4	5	7	14	30	33
Crafts	1	0	1	1	3	19	24	49	92	184	187
Line Operators	0	1	2	7	10	26	36	31	75	168	178
TOTAL	24	41	105	208	378	162	176	266	563	1,167	1,545

Appendix B. Age Distribution of the Work Force by Gender

Year	Women				Men			
	Percent Distribution by Age Group				Percent Distribution by Age Group			
	16 - 29	30 - 39	40 - 49	50 +	16 - 29	30 - 39	40 - 49	50 +
1999	5.50	27.02	43.53	23.95	2.10	15.08	39.76	43.06
2000	3.29	23.04	45.57	28.10	1.16	13.53	38.27	47.04
2001	3.19	22.36	43.13	31.31	1.39	11.44	33.69	53.48
2002	4.09	20.75	42.14	33.02	3.97	11.15	30.69	54.20
2003	4.69	19.06	42.19	34.06	3.24	10.96	33.02	52.78
2004	4.88	19.54	40.36	35.22	11.00	13.87	27.34	47.79
2005	6.62	17.89	41.18	34.31	13.95	14.30	27.13	44.62
2006	6.87	17.52	35.25	40.35	14.70	15.82	25.67	43.81
2007	7.36	16.67	35.50	40.48	15.34	15.95	24.73	43.99
2008	6.90	11.67	35.81	45.62	15.58	14.29	25.56	44.58
2009	7.77	10.03	32.58	49.62	15.56	14.19	23.98	46.27
2010	6.35	10.85	27.78	55.03	13.88	15.08	22.79	48.24

East Tennessee Technology Park 2010

Absence Data

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

Job Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	0	0	3	9	12	0	1	8	23	32	44
Administrative Support	1	1	6	8	16	0	0	1	4	5	21
Technical Support	0	0	0	1	1	0	0	1	2	3	4
Service	3	1	1	3	8	1	5	2	2	10	18
Security and Fire	0	0	0	0	0	0	0	1	1	2	2
Crafts	0	0	1	0	1	0	2	2	11	15	16
Line Operators	0	0	2	3	5	0	2	1	9	12	17
TOTAL	4	2	13	24	43	1	10	16	52	79	122

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

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

Job Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	0	0	4	10	14	0	2	10	26	38	52
Administrative Support	1	1	6	8	16	0	0	1	4	5	21
Technical Support	0	0	0	1	1	0	0	1	2	3	4
Service	3	1	1	4	9	2	7	3	2	14	23
Security and Fire	0	0	0	0	0	0	0	1	3	4	4
Crafts	0	0	1	0	1	0	3	3	12	18	19
Line Operators	0	0	2	3	5	0	3	2	11	16	21
TOTAL	4	2	14	26	46	2	15	21	60	98	144

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

East Tennessee Technology Park 2010

Absence Data

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

Number of Calendar Days	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
< 15	4	0	3	9	16	1	5	9	21	36	52
15 - 28	0	2	3	6	11	1	4	6	14	25	36
29 - 42	0	0	0	2	2	0	2	0	5	7	9
43 - 56	0	0	3	4	7	0	2	3	5	10	17
57 - 91	0	0	3	0	3	0	2	3	8	13	16
92 - 182	0	0	2	5	7	0	0	0	7	7	14
TOTAL	4	2	14	26	46	2	15	21	60	98	144

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

East Tennessee Technology Park 2010

Absence Data

Appendix F. Distribution of the Number of Calendar Days Missed per Absence by Gender and Job Category*

Women

Number of Calendar Days	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
< 15	4	4	1	6	0	0	1	16
15 - 28	3	5	0	2	0	0	1	11
29 - 42	2	0	0	0	0	0	0	2
43 - 56	3	3	0	0	0	0	1	7
57 - 91	1	1	0	0	0	0	1	3
92 - 182	1	3	0	1	0	1	1	7
TOTAL	14	16	1	9	0	1	5	46

Men

Number of Calendar Days	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
< 15	12	2	2	7	3	6	4	36
15 - 28	11	3	1	3	1	2	4	25
29 - 42	2	0	0	1	0	2	2	7
43 - 56	6	0	0	1	0	3	0	10
57 - 91	4	0	0	2	0	3	4	13
92 - 182	3	0	0	0	0	2	2	7
TOTAL	38	5	3	14	4	18	16	98

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

East Tennessee Technology Park 2010

Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	2	1	3
-Other Bacterial Dis	030-041	0	0	2	0	2
-Other Viral Dis & Chlamydiae	070-079	0	0	0	1	1
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	1	1	2
-Respiratory & Intrathoracic	160-165	0	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0
-Breast	174-175	0	0	1	1	2
-Genitourinary	179-189	0	0	0	0	0
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	1	0	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	1	0	2	3
-Thyroid Gland Disorders	240-246	0	1	0	2	3
-Other Endocrine Gland Dis	249-259	0	0	0	0	0
MENTAL DISORDERS	290-319	0	0	1	0	1
-Non-Psychotic Disorders	300-302, 306-316	0	0	1	0	1
-Alcohol Dependence	303	0	0	0	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	5	5
-Disorders of Peripheral NS	350-359	0	0	0	1	1
-Disorders of Eye	360-379	0	0	0	4	4
-Diseases of Ear & Mastoid	380-389	0	0	0	0	0
CIRCULATORY SYSTEM	390-459	0	0	2	0	2
-Hypertensive Dis	401-405	0	0	0	0	0
-Ischemic Heart Dis	410-414	0	0	1	0	1
-Other Heart Dis	420-429	0	0	1	0	1
-Cerebrovascular Dis	430-438	0	0	0	0	0
-Dis of Arteries & Capillaries	440-449	0	0	0	0	0
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	0	0
RESPIRATORY SYSTEM	460-519	4	0	2	2	8
-Acute Respiratory Infections	460-466	2	0	0	1	3
-Other Dis Upper Respiratory Tract	470-478	1	0	0	0	1
-Pneumonia & Influenza	480-488	0	0	1	1	2
-Chronic Obstructive Dis	490-496	1	0	1	0	2
-Other Respiratory Dis	510-519	0	0	0	0	0
DIGESTIVE SYSTEM	520-579	0	0	0	5	5
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	1	1
-Esophagus, Stomach, Duodenum	530-538	0	0	0	1	1

(Continued)

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

East Tennessee Technology Park 2010

Absence Data

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

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	1	1	4
-Other Bacterial Dis	030-041	0	0	0	0	0	2
-Other Viral Dis & Chlamydiae	070-079	0	0	0	1	1	2
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	2	6	8	10
-Respiratory & Intrathoracic	160-165	0	0	0	1	1	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	2	2	2
-Breast	174-175	0	0	0	0	0	2
-Genitourinary	179-189	0	0	2	3	5	5
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	0	0	0	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	1	3	4	7
-Thyroid Gland Disorders	240-246	0	0	0	1	1	4
-Other Endocrine Gland Dis	249-259	0	0	1	2	3	3
MENTAL DISORDERS	290-319	0	1	0	5	6	7
-Non-Psychotic Disorders	300-302, 306-316	0	1	0	4	5	6
-Alcohol Dependence	303	0	0	0	1	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	1	7	8	13
-Disorders of Peripheral NS	350-359	0	0	1	5	6	7
-Disorders of Eye	360-379	0	0	0	1	1	5
-Diseases of Ear & Mastoid	380-389	0	0	0	1	1	1
CIRCULATORY SYSTEM	390-459	0	1	1	7	9	11
-Hypertensive Dis	401-405	0	0	1	1	2	2
-Ischemic Heart Dis	410-414	0	0	0	1	1	2
-Other Heart Dis	420-429	0	0	0	1	1	2
-Cerebrovascular Dis	430-438	0	1	0	1	2	2
-Dis of Arteries & Capillaries	440-449	0	0	0	1	1	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	2	2	2
RESPIRATORY SYSTEM	460-519	0	2	2	9	13	21
-Acute Respiratory Infections	460-466	0	0	2	2	4	7
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	1
-Pneumonia & Influenza	480-488	0	1	0	3	4	6
-Chronic Obstructive Dis	490-496	0	0	0	2	2	4
-Other Respiratory Dis	510-519	0	1	0	2	3	3
DIGESTIVE SYSTEM	520-579	0	3	4	9	16	21
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	2	2	4	5
-Esophagus, Stomach, Duodenum	530-538	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 2010

Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
-Hernias	550-553	0	0	0	0	0
-Enteritis, Colitis	555-558	0	0	0	0	0
-Other Intestinal Dis	560-569	0	0	0	2	2
-Other Digestive Dis	570-579	0	0	0	1	1
GENTOURINARY SYSTEM	580-629	0	0	4	7	11
-Other Urinary Dis	590-599	0	0	1	2	3
-Male Genital Organ Dis	600-608	0	0	0	0	0
-Breast Disorders	610-612	0	0	1	0	1
-Other Female Disorders	617-629	0	0	2	5	7
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	1	0	0	1
-Infections	680-686	0	1	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	0	10	5	16
-Arthropathies	710-719	0	0	2	2	4
-Dorsopathies	720-724	0	0	5	3	8
-Rheumatism, Excluding Back	725-729	1	0	1	0	2
-Other Dis & Acquired Deformities	730-739	0	0	2	0	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	1	3	4
-Symptoms	780-789	0	0	1	3	4
-Non-Specific Abnormal Findings	790-796	0	0	0	0	0
INJURY & POISONING	800-999	1	0	0	2	3
-Fracture - Upper Limb	810-819	0	0	0	1	1
-Fracture - Lower Limb	820-829	0	0	0	1	1
-Dislocation	830-839	1	0	0	0	1
-Sprains & Strains - Back	846-847	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	0
-Complications of Surgical/Medical Care	996-999	0	0	0	0	0
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	0	0	0	2	2
-Health Services Reproduction/Development	V20-V29	0	0	0	0	0
-Specific Procedures/Aftercare	V50-V59	0	0	0	2	2
-Examination & Investigation	V70-V82	0	0	0	0	0

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

East Tennessee Technology Park 2010

Absence Data

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

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
-Hernias	550-553	0	1	1	2	4	4
-Enteritis, Colitis	555-558	0	0	0	2	2	2
-Other Intestinal Dis	560-569	0	0	1	1	2	4
-Other Digestive Dis	570-579	0	2	0	2	4	5
GENITOURINARY SYSTEM	580-629	0	3	0	8	11	22
-Other Urinary Dis	590-599	0	0	0	1	1	4
-Male Genital Organ Dis	600-608	0	3	0	7	10	10
-Breast Disorders	610-612	0	0	0	0	0	1
-Other Female Disorders	617-629	0	0	0	0	0	7
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	2	0	1	3	4
-Infections	680-686	0	2	0	1	3	4
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	5	5	19	29	45
-Arthropathies	710-719	0	3	4	7	14	18
-Dorsopathies	720-724	0	2	1	5	8	16
-Rheumatism, Excluding Back	725-729	0	0	0	7	7	9
-Other Dis & Acquired Deformities	730-739	0	0	0	0	0	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	2	1	1	4	8
-Symptoms	780-789	0	2	0	1	3	7
-Non-Specific Abnormal Findings	790-796	0	0	1	0	1	1
INJURY & POISONING	800-999	2	1	7	14	24	27
-Fracture - Upper Limb	810-819	0	0	1	0	1	2
-Fracture - Lower Limb	820-829	0	0	1	1	2	3
-Dislocation	830-839	0	0	2	3	5	6
-Sprains & Strains - Back	846-847	0	0	0	1	1	1
-Sprains & Strains - Other	840-845, 848	0	0	3	6	9	9
-Open Wound - Upper Limb	880-887	2	0	0	0	2	2
-Contusion	920-924	0	0	0	1	1	1
-Complications & Unspecified Injuries	958-959	0	1	0	1	2	2
-Complications of Surgical/Medical Care	996-999	0	0	0	1	1	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	1	1	2	0	4	6
-Health Services Reproduction/Development	V20-V29	1	1	0	0	2	2
-Specific Procedures/Aftercare	V50-V59	0	0	0	0	0	2
-Examination & Investigation	V70-V82	0	0	2	0	2	2

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

East Tennessee Technology Park 2010

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 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category											
Total	6	2	24	35	67	3	21	26	90	140	207

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

East Tennessee Technology Park 2010

Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	7	8	15
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	83	178	261
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	22	0	22
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	15	0	31	46
MENTAL DISORDERS	290-319	0	0	62	0	62
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	55	55
CIRCULATORY SYSTEM	390-459	0	0	62	0	62
RESPIRATORY SYSTEM	460-519	26	0	18	31	75
DIGESTIVE SYSTEM	520-579	0	0	0	146	146
GENITOURINARY SYSTEM	580-629	0	0	119	274	393
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	18	0	0	18
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	8	0	373	455	836
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	46	59	105
INJURY & POISONING	800-999	11	0	0	140	151

*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 2010

Absence Data

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

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	8	8	23
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	59	360	419	680
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	0	0	0	22
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	11	37	48	94
MENTAL DISORDERS	290-319	0	21	0	237	258	320
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	59	294	353	408
CIRCULATORY SYSTEM	390-459	0	21	9	355	385	447
RESPIRATORY SYSTEM	460-519	0	13	17	275	305	380
DIGESTIVE SYSTEM	520-579	0	158	23	273	454	600
GENITOURINARY SYSTEM	580-629	0	45	0	141	186	579
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	34	0	11	45	63
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	115	196	586	897	1,733
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	30	2	31	63	168
INJURY & POISONING	800-999	39	40	243	684	1,006	1,157

*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 2010

Absence Data

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

		Women		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	2	0	0
-Other Bacterial Dis	030-041	2	0	0
-Other Viral Dis & Chlamydiae	070-079	0	0	0
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	2	0
-Breast	174-175	0	2	0
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	1	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	2	1	0
-Thyroid Gland Disorders	240-246	2	1	0
MENTAL DISORDERS	290-319	0	0	0
-Non-Psychotic Disorders	300-302, 306-316	0	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	3	0
-Disorders of Peripheral NS	350-359	0	1	0
-Disorders of Eye	360-379	1	2	0
CIRCULATORY SYSTEM	390-459	0	2	0
-Ischemic Heart Dis	410-414	0	1	0
-Other Heart Dis	420-429	0	1	0
RESPIRATORY SYSTEM	460-519	0	1	0
-Acute Respiratory Infections	460-466	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	0	0
-Pneumonia & Influenza	480-488	0	1	0
-Chronic Obstructive Dis	490-496	0	0	0
DIGESTIVE SYSTEM	520-579	2	2	0
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0
-Esophagus, Stomach, Duodenum	530-538	0	1	0
-Other Intestinal Dis	560-569	1	1	0
-Other Digestive Dis	570-579	1	0	0
GENITOURINARY SYSTEM	580-629	4	5	0
-Other Urinary Dis	590-599	3	0	0
-Breast Disorders	610-612	0	1	0
-Other Female Disorders	617-629	1	4	0
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0
-Infections	680-686	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	8	3	0

(Continued)

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

East Tennessee Technology Park 2010

Absence Data

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

		Women			
		Job Category			TOTAL
		Service	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	1	3
-Other Bacterial Dis	030-041	0	0	0	2
-Other Viral Dis & Chlamydiae	070-079	0	0	1	1
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	0	2
-Breast	174-175	0	0	0	2
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	0	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	3
-Thyroid Gland Disorders	240-246	0	0	0	3
MENTAL DISORDERS	290-319	0	0	1	1
-Non-Psychotic Disorders	300-302, 306-316	0	0	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	1	5
-Disorders of Peripheral NS	350-359	0	0	0	1
-Disorders of Eye	360-379	0	0	1	4
CIRCULATORY SYSTEM	390-459	0	0	0	2
-Ischemic Heart Dis	410-414	0	0	0	1
-Other Heart Dis	420-429	0	0	0	1
RESPIRATORY SYSTEM	460-519	7	0	0	8
-Acute Respiratory Infections	460-466	3	0	0	3
-Other Dis Upper Respiratory Tract	470-478	1	0	0	1
-Pneumonia & Influenza	480-488	1	0	0	2
-Chronic Obstructive Dis	490-496	2	0	0	2
DIGESTIVE SYSTEM	520-579	1	0	0	5
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	0	1
-Esophagus, Stomach, Duodenum	530-538	0	0	0	1
-Other Intestinal Dis	560-569	0	0	0	2
-Other Digestive Dis	570-579	0	0	0	1
GENITOURINARY SYSTEM	580-629	0	0	2	11
-Other Urinary Dis	590-599	0	0	0	3
-Breast Disorders	610-612	0	0	0	1
-Other Female Disorders	617-629	0	0	2	7
SKIN AND SUBCUTANEOUS TISSUE	680-709	1	0	0	1
-Infections	680-686	1	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	2	2	1	16

(Continued)

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

East Tennessee Technology Park 2010

Absence Data

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

		Women		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
-Arthropathies	710-719	1	1	0
-Dorsopathies	720-724	5	2	0
-Rheumatism, Excluding Back	725-729	0	0	0
-Other Dis & Acquired Deformities	730-739	2	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799			
-Symptoms	780-789	1	0	0
INJURY & POISONING	800-999			
-Fracture - Upper Limb	810-819	0	1	0
-Fracture - Lower Limb	820-829	0	0	1
-Dislocation	830-839	0	1	0
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89			
-Specific Procedures/Aftercare	V50-V59	1	1	0

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

East Tennessee Technology Park 2010

Absence Data

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

		Women			
		Job Category			TOTAL
		Service	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code				
-Arthropathies	710-719	0	1	1	4
-Dorsopathies	720-724	1	0	0	8
-Rheumatism, Excluding Back	725-729	1	1	0	2
-Other Dis & Acquired Deformities	730-739	0	0	0	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	0	2	4
-Symptoms	780-789	1	0	2	4
INJURY & POISONING	800-999	0	0	0	3
-Fracture - Upper Limb	810-819	0	0	0	1
-Fracture - Lower Limb	820-829	0	0	0	1
-Dislocation	830-839	0	0	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	0	0	0	2
-Specific Procedures/Aftercare	V50-V59	0	0	0	2

	Women						TOTAL
	Job Category						
	Professional	Administrative Support	Technical Support	Service	Crafts	Line Operators	
Diagnostic Category							
Total	21	23	1	12	2	8	67

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

East Tennessee Technology Park 2010

Absence Data

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

		Men			
		Job Category			
		Professional	Administrative Support	Technical Support	Service
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	0
-Other Viral Dis & Chlamydiae	070-079	0	0	0	0
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	5	0	0	0
-Respiratory & Intrathoracic	160-165	1	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0
-Genitourinary	179-189	4	0	0	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	2	0	0	0
-Thyroid Gland Disorders	240-246	1	0	0	0
-Other Endocrine Gland Dis	249-259	1	0	0	0
MENTAL DISORDERS	290-319	3	0	0	0
-Non-Psychotic Disorders	300-302, 306-316	2	0	0	0
-Alcohol Dependence	303	1	0	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	2	1	0	0
-Disorders of Peripheral NS	350-359	1	0	0	0
-Disorders of Eye	360-379	1	0	0	0
-Diseases of Ear & Mastoid	380-389	0	1	0	0
CIRCULATORY SYSTEM	390-459	5	0	0	1
-Hypertensive Dis	401-405	0	0	0	0
-Ischemic Heart Dis	410-414	1	0	0	0
-Other Heart Dis	420-429	1	0	0	0
-Cerebrovascular Dis	430-438	0	0	0	1
-Dis of Arteries & Capillaries	440-449	1	0	0	0
-Dis of Veins, Lymphatics, Other	451-459	2	0	0	0
RESPIRATORY SYSTEM	460-519	1	2	0	1
-Acute Respiratory Infections	460-466	0	0	0	0
-Pneumonia & Influenza	480-488	1	1	0	0
-Chronic Obstructive Dis	490-496	0	0	0	0
-Other Respiratory Dis	510-519	0	1	0	1
DIGESTIVE SYSTEM	520-579	7	1	0	1
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	0
-Hernias	550-553	1	1	0	1
-Enteritis, Colitis	555-558	1	0	0	0
-Other Intestinal Dis	560-569	1	0	0	0
-Other Digestive Dis	570-579	4	0	0	0
GENTOURINARY SYSTEM	580-629	2	0	2	3

(Continued)

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

East Tennessee Technology Park 2010

Absence Data

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

		Men			
		Job Category			TOTAL
		Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	0	0	1
-Other Viral Dis & Chlamydiae	070-079	1	0	0	1
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	1	2	8
-Respiratory & Intrathoracic	160-165	0	0	0	1
-Bone, Connective Tissue, Skin	170-173, 176	0	1	1	2
-Genitourinary	179-189	0	0	1	5
ENDOCRINE/METABOLIC/IMMUNITY	240-279	2	0	0	4
-Thyroid Gland Disorders	240-246	0	0	0	1
-Other Endocrine Gland Dis	249-259	2	0	0	3
MENTAL DISORDERS	290-319	0	0	3	6
-Non-Psychotic Disorders	300-302, 306-316	0	0	3	5
-Alcohol Dependence	303	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	5	0	8
-Disorders of Peripheral NS	350-359	0	5	0	6
-Disorders of Eye	360-379	0	0	0	1
-Diseases of Ear & Mastoid	380-389	0	0	0	1
CIRCULATORY SYSTEM	390-459	1	2	0	9
-Hypertensive Dis	401-405	1	1	0	2
-Ischemic Heart Dis	410-414	0	0	0	1
-Other Heart Dis	420-429	0	0	0	1
-Cerebrovascular Dis	430-438	0	1	0	2
-Dis of Arteries & Capillaries	440-449	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	2
RESPIRATORY SYSTEM	460-519	2	5	2	13
-Acute Respiratory Infections	460-466	1	3	0	4
-Pneumonia & Influenza	480-488	0	1	1	4
-Chronic Obstructive Dis	490-496	1	1	0	2
-Other Respiratory Dis	510-519	0	0	1	3
DIGESTIVE SYSTEM	520-579	0	1	6	16
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	4	4
-Hernias	550-553	0	0	1	4
-Enteritis, Colitis	555-558	0	1	0	2
-Other Intestinal Dis	560-569	0	0	1	2
-Other Digestive Dis	570-579	0	0	0	4
GENTOURINARY SYSTEM	580-629	0	4	0	11

(Continued)

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

East Tennessee Technology Park 2010

Absence Data

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

		Men			
		Job Category			
		Professional	Administrative Support	Technical Support	Service
Diagnostic Category	ICD-9-CM Code				
-Other Urinary Dis	590-599	1	0	0	0
-Male Genital Organ Dis	600-608	1	0	2	3
SKIN AND SUBCUTANEOUS TISSUE	680-709	1	0	0	2
-Infections	680-686	1	0	0	2
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	10	1	2	0
-Arthropathies	710-719	5	1	2	0
-Dorsopathies	720-724	2	0	0	0
-Rheumatism, Excluding Back	725-729	3	0	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	0	0	3
-Symptoms	780-789	1	0	0	2
-Non-Specific Abnormal Findings	790-796	0	0	0	1
INJURY & POISONING	800-999	10	1	0	5
-Fracture - Upper Limb	810-819	0	0	0	0
-Fracture - Lower Limb	820-829	2	0	0	0
-Dislocation	830-839	3	0	0	2
-Sprains & Strains - Back	846-847	0	0	0	0
-Sprains & Strains - Other	840-845, 848	4	1	0	1
-Open Wound - Upper Limb	880-887	0	0	0	2
-Contusion	920-924	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0
-Complications of Surgical/Medical Care	996-999	1	0	0	0
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	1	0	0	2
-Health Services Reproduction/Development	V20-V29	0	0	0	1
-Examination & Investigation	V70-V82	1	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 2010

Absence Data

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

		Men			
		Job Category			TOTAL
		Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code				
-Other Urinary Dis	590-599	0	0	0	1
-Male Genital Organ Dis	600-608	0	4	0	10
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0	3
-Infections	680-686	0	0	0	3
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	10	6	29
-Arthropathies	710-719	0	3	3	14
-Dorsopathies	720-724	0	6	0	8
-Rheumatism, Excluding Back	725-729	0	1	3	7
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	4
-Symptoms	780-789	0	0	0	3
-Non-Specific Abnormal Findings	790-796	0	0	0	1
INJURY & POISONING	800-999	0	4	4	24
-Fracture - Upper Limb	810-819	0	1	0	1
-Fracture - Lower Limb	820-829	0	0	0	2
-Dislocation	830-839	0	0	0	5
-Sprains & Strains - Back	846-847	0	1	0	1
-Sprains & Strains - Other	840-845, 848	0	1	2	9
-Open Wound - Upper Limb	880-887	0	0	0	2
-Contusion	920-924	0	0	1	1
-Complications & Unspecified Injuries	958-959	0	1	1	2
-Complications of Surgical/Medical Care	996-999	0	0	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	0	0	1	4
-Health Services Reproduction/Development	V20-V29	0	0	1	2
-Examination & Investigation	V70-V82	0	0	0	2

	Men							TOTAL
	Job Category							
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category								
Total	50	6	4	18	6	32	24	140

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

East Tennessee Technology Park 2010

Absence Data

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

		Women		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	7	0	0
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	261	0
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	22	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	31	15	0
MENTAL DISORDERS	290-319	0	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	3	36	0
CIRCULATORY SYSTEM	390-459	0	62	0
RESPIRATORY SYSTEM	460-519	0	7	0
DIGESTIVE SYSTEM	520-579	29	114	0
GENTOURINARY SYSTEM	580-629	122	225	0
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	353	76	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	46	0	0
INJURY & POISONING	800-999	0	137	14

*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 2010

Absence Data

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

		Women			
		Job Category			TOTAL
		Service	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	8	15
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	0	261
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	0	0	0	22
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	46
MENTAL DISORDERS	290-319	0	0	62	62
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	16	55
CIRCULATORY SYSTEM	390-459	0	0	0	62
RESPIRATORY SYSTEM	460-519	68	0	0	75
DIGESTIVE SYSTEM	520-579	3	0	0	146
GENTOURINARY SYSTEM	580-629	0	0	46	393
SKIN AND SUBCUTANEOUS TISSUE	680-709	18	0	0	18
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	187	116	104	836
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	13	0	46	105
INJURY & POISONING	800-999	0	0	0	151

*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 2010

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	Service
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	0
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	315	0	0	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	22	0	0	0
MENTAL DISORDERS	290-319	77	0	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	30	13	0	0
CIRCULATORY SYSTEM	390-459	289	0	0	56
RESPIRATORY SYSTEM	460-519	35	18	0	7
DIGESTIVE SYSTEM	520-579	342	24	0	33
GENITOURINARY SYSTEM	580-629	49	0	11	45
SKIN AND SUBCUTANEOUS TISSUE	680-709	11	0	0	34
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	299	28	31	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	31	0	0	32
INJURY & POISONING	800-999	388	13	0	203

*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 2010

Absence Data

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

		Men			
		Job Category			TOTAL
		Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	8	0	0	8
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	7	97	419
ENDOCRINE/METABOLIC/IMMUNITY	240-279	26	0	0	48
MENTAL DISORDERS	290-319	0	0	181	258
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	310	0	353
CIRCULATORY SYSTEM	390-459	10	30	0	385
RESPIRATORY SYSTEM	460-519	18	42	185	305
DIGESTIVE SYSTEM	520-579	0	13	42	454
GENITOURINARY SYSTEM	580-629	0	81	0	186
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0	45
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	319	220	897
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	63
INJURY & POISONING	800-999	0	219	183	1,006

*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 2010

Absence Data

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

Part 1. Men

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	0.4	0.1	3.1
-Other Viral Dis & Chlamydiae	070-079	1	0.4	0.1	3.1
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	8	5.0	2.4	10.2
-Respiratory & Intrathoracic	160-165	1	0.6	0.1	4.0
-Bone, Connective Tissue, Skin	170-173, 176	2	1.1	0.3	4.5
-Genitourinary	179-189	5	3.3	1.3	8.2
ENDOCRINE/METABOLIC/IMMUNITY	240-279	4	2.2	0.8	6.2
-Thyroid Gland Disorders	240-246	1	0.4	0.1	3.1
-Other Endocrine Gland Dis	249-259	3	1.8	0.5	5.8
MENTAL DISORDERS	290-319	6	3.6	1.4	8.9
-Non-Psychotic Disorders	300-302, 306-316	5	3.1	1.1	8.6
-Alcohol Dependence	303	1	0.4	0.1	3.1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	8	4.0	1.9	8.1
-Disorders of Peripheral NS	350-359	6	3.1	1.3	7.1
-Disorders of Eye	360-379	1	0.4	0.1	3.1
-Diseases of Ear & Mastoid	380-389	1	0.4	0.1	3.1
CIRCULATORY SYSTEM	390-459	9	5.7	2.8	11.6
-Hypertensive Dis	401-405	2	1.3	0.3	5.6
-Ischemic Heart Dis	410-414	1	0.4	0.1	3.1
-Other Heart Dis	420-429	1	0.6	0.1	4.0
-Cerebrovascular Dis	430-438	2	1.9	0.4	8.6
-Dis of Arteries & Capillaries	440-449	1	0.6	0.1	4.0
-Dis of Veins, Lymphatics, Other	451-459	2	0.9	0.2	3.5
RESPIRATORY SYSTEM	460-519	13	8.8	4.8	16.0
-Acute Respiratory Infections	460-466	4	2.6	0.9	7.3
-Pneumonia & Influenza	480-488	4	2.8	0.9	8.5
-Chronic Obstructive Dis	490-496	2	0.9	0.2	3.5
-Other Respiratory Dis	510-519	3	2.5	0.7	8.6
DIGESTIVE SYSTEM	520-579	16	12.0	7.0	20.5
-Oral Cavity, Saliva Glands, Jaw	520-529	4	2.6	0.9	7.3
-Hernias	550-553	4	3.3	1.2	9.6
-Enteritis, Colitis	555-558	2	1.1	0.3	4.5
-Other Intestinal Dis	560-569	2	1.3	0.3	5.6
-Other Digestive Dis	570-579	4	3.6	1.2	10.8

(Continued)

*Only those diagnostic categories with at least one occurrence appear in this table.

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

East Tennessee Technology Park 2010

Absence Data

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

Part 1. Men

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
GENITOURINARY SYSTEM	580-629	11	8.3	4.3	16.0
-Other Urinary Dis	590-599	1	0.6	0.1	4.0
-Male Genital Organ Dis	600-608	10	7.7	3.9	15.4
SKIN AND SUBCUTANEOUS TISSUE	680-709	3	3.3	1.0	10.8
-Infections	680-686	3	3.3	1.0	10.8
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	29	20.2	13.5	30.3
-Arthropathies	710-719	14	11.1	6.3	19.6
-Dorsopathies	720-724	8	5.8	2.6	12.7
-Rheumatism, Excluding Back	725-729	7	3.3	1.6	7.0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	4	4.1	1.5	11.6
-Symptoms	780-789	3	3.3	1.0	10.8
-Non-Specific Abnormal Findings	790-796	1	0.9	0.1	6.2
INJURY & POISONING	800-999	24	17.1	10.9	26.7
-Fracture - Upper Limb	810-819	1	0.9	0.1	6.2
-Fracture - Lower Limb	820-829	2	1.3	0.3	5.6
-Dislocation	830-839	5	3.1	1.2	7.7
-Sprains & Strains - Back	846-847	1	0.4	0.1	3.1
-Sprains & Strains - Other	840-845, 848	9	5.5	2.8	10.9
-Open Wound - Head, Neck, Trunk	870-879	2	3.2	0.8	12.8
-Contusion	920-924	1	0.4	0.1	3.1
-Complications & Unspecified Injuries	958-959	2	1.8	0.4	8.5
-Complications of Surgical/Medical Care	996-999	1	0.4	0.1	3.1
Total		136	94.5	78.4	113.9

*Only those diagnostic categories with at least one occurrence appear in this table.

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

East Tennessee Technology Park 2010

Absence Data

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

Part 2. Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	3	5.5	1.7	17.9
-Other Bacterial Dis	030-041	2	4.4	1.1	17.7
-Other Viral Dis & Chlamydiae	070-079	1	1.1	0.2	8.0
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	2	3.3	0.8	14.3
-Breast	174-175	2	3.3	0.8	14.3
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	1	2.2	0.3	15.7
ENDOCRINE/METABOLIC/IMMUNITY	240-279	3	8.9	2.3	34.6
-Thyroid Gland Disorders	240-246	3	8.9	2.3	34.6
MENTAL DISORDERS	290-319	1	2.2	0.3	15.7
-Non-Psychotic Disorders	300-302, 306-316	1	2.2	0.3	15.7
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	5	6.6	2.6	16.5
-Disorders of Peripheral NS	350-359	1	1.1	0.2	8.0
-Disorders of Eye	360-379	4	5.5	2.0	15.3
CIRCULATORY SYSTEM	390-459	2	4.4	1.1	17.7
-Ischemic Heart Dis	410-414	1	2.2	0.3	15.7
-Other Heart Dis	420-429	1	2.2	0.3	15.7
RESPIRATORY SYSTEM	460-519	8	47.8	20.3	112.3
-Acute Respiratory Infections	460-466	3	21.7	5.8	81.0
-Other Dis Upper Respiratory Tract	470-478	1	10.3	1.4	72.9
-Pneumonia & Influenza	480-488	2	3.3	0.8	14.3
-Chronic Obstructive Dis	490-496	2	12.5	2.4	65.0
DIGESTIVE SYSTEM	520-579	5	5.6	2.3	13.5
-Oral Cavity, Saliva Glands, Jaw	520-529	1	1.1	0.2	8.0
-Esophagus, Stomach, Duodenum	530-538	1	1.1	0.2	8.0
-Other Intestinal Dis	560-569	2	2.2	0.6	9.0
-Other Digestive Dis	570-579	1	1.1	0.2	8.0
GENTOURINARY SYSTEM	580-629	11	18.7	10.1	34.7
-Other Urinary Dis	590-599	3	4.5	1.3	14.8
-Breast Disorders	610-612	1	2.2	0.3	15.7
-Other Female Disorders	617-629	7	12.0	5.6	26.1
SKIN AND SUBCUTANEOUS TISSUE	680-709	1	5.7	0.8	40.3
-Infections	680-686	1	5.7	0.8	40.3
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	16	39.0	20.5	74.2

(Continued)

*Only those diagnostic categories with at least one occurrence appear in this table.

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

East Tennessee Technology Park 2010

Absence Data

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

Part 2. Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
-Arthropathies	710-719	4	7.7	2.8	21.0
-Dorsopathies	720-724	8	14.4	7.0	29.7
-Rheumatism, Excluding Back	725-729	2	12.5	2.4	65.0
-Other Dis & Acquired Deformities	730-739	2	4.4	1.1	17.7
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	4	5.6	2.0	15.7
-Symptoms	780-789	4	5.6	2.0	15.7
INJURY & POISONING	800-999	3	12.5	2.5	63.7
-Fracture - Upper Limb	810-819	1	1.1	0.2	8.0
-Fracture - Lower Limb	820-829	1	1.1	0.2	8.0
-Dislocation	830-839	1	10.3	1.4	72.9
Total		65	168.1	119.1	237.3

*Only those diagnostic categories with at least one occurrence appear in this table.

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

East Tennessee Technology Park 2010

Absence Data

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

Part 3. Men and Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	4	1.9	0.7	5.3
-Other Bacterial Dis	030-041	2	1.2	0.3	5.0
-Other Viral Dis & Chlamydiae	070-079	2	0.6	0.2	2.6
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	10	4.8	2.5	9.1
-Respiratory & Intrathoracic	160-165	1	0.5	0.1	3.2
-Bone, Connective Tissue, Skin	170-173, 176	2	0.9	0.2	3.7
-Breast	174-175	2	0.9	0.2	4.0
-Genitourinary	179-189	5	2.5	1.0	6.1
BENIGN & UNCERTAIN NEOPLASMS	209.4-209.6, 210-229, 235-239	1	0.6	0.1	4.4
ENDOCRINE/METABOLIC/IMMUNITY	240-279	7	3.4	1.5	8.0
-Thyroid Gland Disorders	240-246	4	2.2	0.7	6.8
-Other Endocrine Gland Dis	249-259	3	1.3	0.4	4.2
MENTAL DISORDERS	290-319	7	3.3	1.4	7.8
-Non-Psychotic Disorders	300-302, 306-316	6	3.0	1.2	7.5
-Alcohol Dependence	303	1	0.3	0.0	2.3
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	13	4.6	2.6	8.0
-Disorders of Peripheral NS	350-359	7	2.5	1.2	5.5
-Disorders of Eye	360-379	5	1.7	0.7	4.2
-Diseases of Ear & Mastoid	380-389	1	0.3	0.0	2.3
CIRCULATORY SYSTEM	390-459	11	5.6	2.9	10.7
-Hypertensive Dis	401-405	2	0.9	0.2	4.0
-Ischemic Heart Dis	410-414	2	0.9	0.2	4.0
-Other Heart Dis	420-429	2	1.1	0.3	4.4
-Cerebrovascular Dis	430-438	2	1.5	0.3	6.9
-Dis of Arteries & Capillaries	440-449	1	0.5	0.1	3.2
-Dis of Veins, Lymphatics, Other	451-459	2	0.6	0.2	2.6
RESPIRATORY SYSTEM	460-519	21	14.0	8.5	23.1
-Acute Respiratory Infections	460-466	7	4.9	2.1	11.8
-Other Dis Upper Respiratory Tract	470-478	1	1.4	0.2	9.7
-Pneumonia & Influenza	480-488	6	3.1	1.3	7.7
-Chronic Obstructive Dis	490-496	4	2.6	0.8	8.4
-Other Respiratory Dis	510-519	3	2.0	0.6	6.9
DIGESTIVE SYSTEM	520-579	21	10.8	6.7	17.4

(Continued)

*Only those diagnostic categories with at least one occurrence appear in this table.

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

East Tennessee Technology Park 2010

Absence Data

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

Part 3. Men and Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
-Oral Cavity, Saliva Glands, Jaw	520-529	5	2.2	0.9	5.6
-Esophagus, Stomach, Duodenum	530-538	1	0.3	0.0	2.3
-Hernias	550-553	4	2.6	0.9	7.5
-Enteritis, Colitis	555-558	2	0.9	0.2	3.7
-Other Intestinal Dis	560-569	4	1.6	0.6	4.4
-Other Digestive Dis	570-579	5	3.1	1.1	8.7
GENITOURINARY SYSTEM	580-629	22	11.6	7.4	18.5
-Other Urinary Dis	590-599	4	1.7	0.6	4.8
-Male Genital Organ Dis	600-608	10	6.2	3.1	12.4
-Breast Disorders	610-612	1	0.6	0.1	4.4
-Other Female Disorders	617-629	7	3.1	1.4	6.7
SKIN AND SUBCUTANEOUS TISSUE	680-709	4	3.7	1.3	10.3
-Infections	680-686	4	3.7	1.3	10.3
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	45	24.8	17.9	34.3
-Arthropathies	710-719	18	10.6	6.4	17.5
-Dorsopathies	720-724	16	8.5	4.9	14.6
-Rheumatism, Excluding Back	725-729	9	4.5	2.1	9.8
-Other Dis & Acquired Deformities	730-739	2	1.2	0.3	5.0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	8	4.8	2.2	10.5
-Symptoms	780-789	7	4.2	1.8	9.8
-Non-Specific Abnormal Findings	790-796	1	0.6	0.1	4.4
INJURY & POISONING	800-999	27	14.9	9.6	23.2
-Fracture - Upper Limb	810-819	2	0.9	0.2	4.0
-Fracture - Lower Limb	820-829	3	1.3	0.4	4.2
-Dislocation	830-839	6	3.6	1.4	9.2
-Sprains & Strains - Back	846-847	1	0.3	0.0	2.3
-Sprains & Strains - Other	840-845, 848	9	4.1	2.1	8.0
-Open Wound - Head, Neck, Trunk	870-879	2	2.7	0.7	10.9
-Contusion	920-924	1	0.3	0.0	2.3
-Complications & Unspecified Injuries	958-959	2	1.4	0.3	6.8
-Complications of Surgical/Medical Care	996-999	1	0.3	0.0	2.3
Total		201	109.0	93.2	127.5

*Only those diagnostic categories with at least one occurrence appear in this table.

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

**East Tennessee Technology Park 2010
OSHA Data**

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

Job Category	Women		Men				TOTAL	TOTAL
	Age Group	TOTAL	Age Group					
			16 - 29	30 - 39	40 - 49	50 +		
Service	1	1	2	3	2	1	8	9
TOTAL	1	1	2	3	2	1	8	9

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

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

Age Group	Women			Men			TOTAL		
	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost
16 - 29	0	0	0	2	26	0	2	26	0
30 - 39	0	0	0	3	2	0	3	2	0
40 - 49	0	0	0	2	21	0	2	21	0
50 +	1	0	0	1	0	0	2	0	0
TOTAL	1	0	0	8	49	0	9	49	0

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
Service	1	0	0	8	49	0	9	49	0
TOTAL	1	0	0	8	49	0	9	49	0

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

East Tennessee Technology Park 2010

OSHA Data

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

		Women	
		Age Group	
		50 +	TOTAL
Diagnostic Category	ICD-9-CM code		
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0
-Disorders of Eye	360-379	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	0
-Dorsopathies	720-724	0	0
INJURY & POISONING	800-999	1	1
-Sprains & Strains - Back	846-847	0	0
-Sprains & Strains - Other	840-845, 848	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0
-Open Wound - Upper Limb	880-887	0	0
-Superficial Injury	910-919	0	0
-Contusion	920-924	0	0
-Foreign Body Entering Orifice	930-939	0	0
-Toxic Effects - Non-medicinal	980-989	1	1

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code						
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	1	0	1	1
-Disorders of Eye	360-379	0	0	1	0	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	0	1	0	1	1
-Dorsopathies	720-724	0	0	1	0	1	1
INJURY & POISONING	800-999	2	3	2	1	8	9
-Sprains & Strains - Back	846-847	0	0	1	0	1	1
-Sprains & Strains - Other	840-845, 848	1	1	0	0	2	2
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1	1	1
-Open Wound - Upper Limb	880-887	0	1	0	0	1	1
-Superficial Injury	910-919	0	1	0	0	1	1
-Contusion	920-924	1	0	0	0	1	1
-Foreign Body Entering Orifice	930-939	0	0	1	0	1	1
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	1

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

East Tennessee Technology Park 2010

OSHA Data

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

	Women		Men				TOTAL
	Age Group	TOTAL	Age Group				
	50 +		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category							
Total	1	1	2	3	4	1	10
							11

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

East Tennessee Technology Park 2010

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		
-Toxic Effects - Non-medicinal	980-989	0	0

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0
-Dorsopathies	720-724	0	0	0	0	21	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	21	0	0	0
-Sprains & Strains - Other	840-845, 848	26	0	0	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	2	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0

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

**East Tennessee Technology Park 2010
OSHA Data**

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

		Women		Men				TOTAL
		Age Group		Age Group				
		50 +	TOTAL	16 - 29	30 - 39	40 - 49	50 +	
Type of Accident	E Codes							
Falls	E880-E888	0	0	1	0	0	1	2
Natural/Environmental Factors	E900-E909	1	1	0	0	0	0	1
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	1	1	0	2
Other Accidents	E916-E928	0	0	1	2	1	0	4

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

**East Tennessee Technology Park 2010
OSHA Data**

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		
Natural/Environmental Factors	E900-E909	0	0

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Falls	E880-E888	26	0	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	2	0	0	0	0	0
Other Accidents	E916-E928	0	0	0	0	21	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 2010

OSHA Data

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

		Women	
		Job Category	TOTAL
		Service	
Diagnostic Category	ICD-9-CM Code		
INJURY & POISONING	800-999	1	1
-Toxic Effects - Non-medicinal	980-989	1	1

	Women	
	Job Category	TOTAL
	Service	
Diagnostic Category		
Total	1	1

		Men	
		Job Category	TOTAL
		Service	
Diagnostic Category	ICD-9-CM Code		
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	1
-Disorders of Eye	360-379	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	1
-Dorsopathies	720-724	1	1
INJURY & POISONING	800-999	8	8
-Sprains & Strains - Back	846-847	1	1
-Sprains & Strains - Other	840-845, 848	2	2
-Open Wound - Head, Neck, Trunk	870-879	1	1
-Open Wound - Upper Limb	880-887	1	1
-Superficial Injury	910-919	1	1
-Contusion	920-924	1	1
-Foreign Body Entering Orifice	930-939	1	1

	Men	
	Job Category	TOTAL
	Service	
Diagnostic Category		
Total	10	10

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

East Tennessee Technology Park 2010

OSHA Data

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

		Women	
		Job Category	
		Service	
		Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes		
-Toxic Effects - Non-medicinal	980-989	0	0

		Men	
		Job Category	
		Service	
		Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes		
-Disorders of Eye	360-379	0	0
-Dorsopathies	720-724	21	0
-Sprains & Strains - Back	846-847	21	0
-Sprains & Strains - Other	840-845, 848	26	0
-Open Wound - Head, Neck, Trunk	870-879	0	0
-Open Wound - Upper Limb	880-887	0	0
-Superficial Injury	910-919	2	0
-Contusion	920-924	0	0
-Foreign Body Entering Orifice	930-939	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 2010

OSHA Data

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

		Women	
		Job Category	TOTAL
		Service	
Type of Accident	E CODES		
Natural/Environmental Factors	E900-E909	1	1

		Men	
		Job Category	TOTAL
		Service	
Type of Accident	E CODES		
Falls	E880-E888	2	2
Submersion/Suffocation/Foreign Bodies	E910-E915	2	2
Other Accidents	E916-E928	4	4

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

East Tennessee Technology Park 2010

OSHA Data

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

		Women	
		Job Category	
		Service	
		Days Restricted	Days Lost
Type of Accident	E Codes		
Natural/Environmental Factors	E900-E909	0	0

		Men	
		Job Category	
		Service	
		Days Restricted	Days Lost
Type of Accident	E Codes		
Falls	E880-E888	26	0
Submersion/Suffocation/Foreign Bodies	E910-E915	2	0
Other Accidents	E916-E928	21	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 2010

OSHA Data

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

Part 1. Men

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0.9	0.1	6.2
-Disorders of Eye	360-379	1	0.9	0.1	6.2
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	0.9	0.1	6.2
-Dorsopathies	720-724	1	0.9	0.1	6.2
INJURY & POISONING	800-999	8	9.6	4.6	19.7
-Sprains & Strains - Back	846-847	1	0.9	0.1	6.2
-Sprains & Strains - Other	840-845, 848	2	3.0	0.7	11.9
-Open Wound - Head, Neck, Trunk	870-879	1	0.6	0.1	4.0
-Open Wound - Upper Limb	880-887	1	1.4	0.2	9.6
-Superficial Injury	910-919	1	1.4	0.2	9.6
-Contusion	920-924	1	1.6	0.2	11.4
-Foreign Body Entering Orifice	930-939	1	0.9	0.1	6.2
Total		10	11.3	5.9	21.6

*Only those diagnostic categories with at least one occurrence appear in this table.

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

East Tennessee Technology Park 2010

OSHA Data

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

Part 2. Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
INJURY & POISONING	800-999	1	2.1	0.3	15.0
-Toxic Effects - Non-medicinal	980-989	1	2.1	0.3	15.0
Total		1	2.1	0.3	15.0

*Only those diagnostic categories with at least one occurrence appear in this table.

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

East Tennessee Technology Park 2010

OSHA Data

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

Part 3. Men and Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0.6	0.1	4.4
-Disorders of Eye	360-379	1	0.6	0.1	4.4
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	0.6	0.1	4.4
-Dorsopathies	720-724	1	0.6	0.1	4.4
INJURY & POISONING	800-999	9	8.1	4.0	16.4
-Sprains & Strains - Back	846-847	1	0.6	0.1	4.4
-Sprains & Strains - Other	840-845, 848	2	2.4	0.6	9.9
-Open Wound - Head, Neck, Trunk	870-879	1	0.5	0.1	3.2
-Open Wound - Upper Limb	880-887	1	1.1	0.2	7.7
-Superficial Injury	910-919	1	1.1	0.2	7.7
-Contusion	920-924	1	1.4	0.2	9.7
-Foreign Body Entering Orifice	930-939	1	0.6	0.1	4.4
-Toxic Effects - Non-medicinal	980-989	1	0.5	0.1	3.2
Total		11	9.4	5.0	17.7

*Only those diagnostic categories with at least one occurrence appear in this table.

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