

# 2009

## East Tennessee Technology Park Annual Illness and Injury Surveillance Report



## **East Tennessee Technology Park 2009 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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**East Tennessee Technology Park**  
**2009 Illness and Injury Surveillance Report**

**At A Glance**

The 1,646 East Tennessee Technology Park (ETTP) employees included in illness and injury surveillance in 2009 represented an increase of 7 percent from 2008. The 2009 work force was 70 percent larger than the 2003 work force, despite the decrease in workers from 2007 to 2008. Since 2003, there has been an overall increase in workers of all job categories except Administrative Support and Security and Fire workers for both men and women and female Crafts workers. The average age of workers in 2009 was 48 years for women and 46 years for men. Since 2003, the average age for men has decreased, but slightly increased for women.

Women reported 40 absences, resulting in an absence rate of 10 absences per 100 workers (40/399). The 1,247 men reported 61 absences, yielding an absence rate of 4.9 per 100 workers (61/1,247). The overall absence rate declined 15 percent from 2007 to 2009. From 2003 to 2009 women experienced a 58 percent increase in average length of absence while the average length of absence only increased 8 percent in men.

Among the 72 diagnoses reported by men, musculoskeletal and digestive conditions accounted for 42 percent; injuries have decreased by 38 percent since 2007. For women, 46 percent of the 50 diagnoses were for musculoskeletal conditions, respiratory conditions, and unspecified symptoms. This is the first time since 2005 that respiratory conditions have been one of the top 3 reported diagnoses groups among women; from 2006 to 2008 psychological conditions were reported more often than respiratory diagnoses. Musculoskeletal conditions have been among the top 3 diagnosis groups since 2003 for both men and women.

Technical Support workers had the highest absence rate among men (11 per 100 workers). Among women, Line Operators had the highest absence rate in 2009. Since 2003 women have had higher rates of absences compared with men in all years except 2004. This has been generally seen among all DOE sites participating in the Illness and Injury Surveillance Program (IISP).

No definite occupational sentinel health events (SHEOs) were identified in 2009. Of the 5 possible SHEOs, 3 diagnoses of carpal tunnel syndrome were reported by 2 workers in the Professional job category.

Women reported 6 OSHA-recordable events, and men reported 19 OSHA-recordable events in 2009. Twenty-two of the 27 diagnoses (81 percent) were for injuries, mainly resulting from sprains and strains and unspecified injuries. Service workers were the leading job category in OSHA-recordable events in 2009, and they accounted for all 628 days of lost or restricted time.

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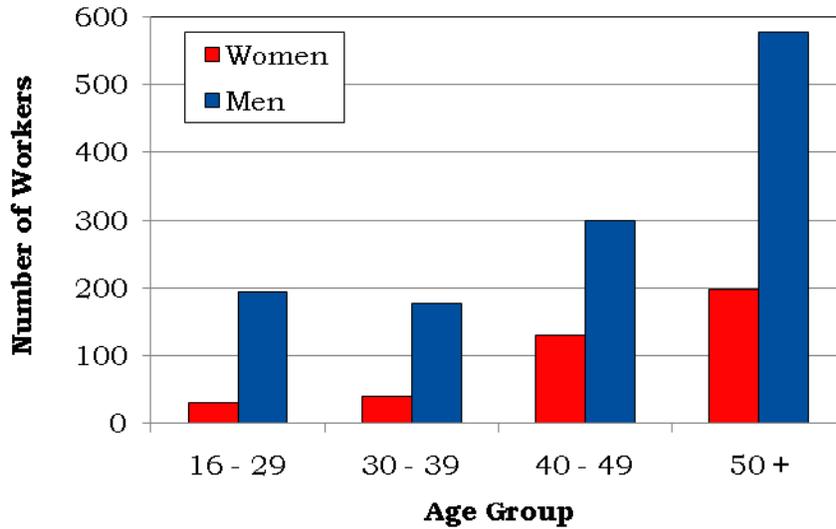
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**The East Tennessee Technology Park Work Force - 2009**

**Figure 1. The Work Force by Gender and Age**

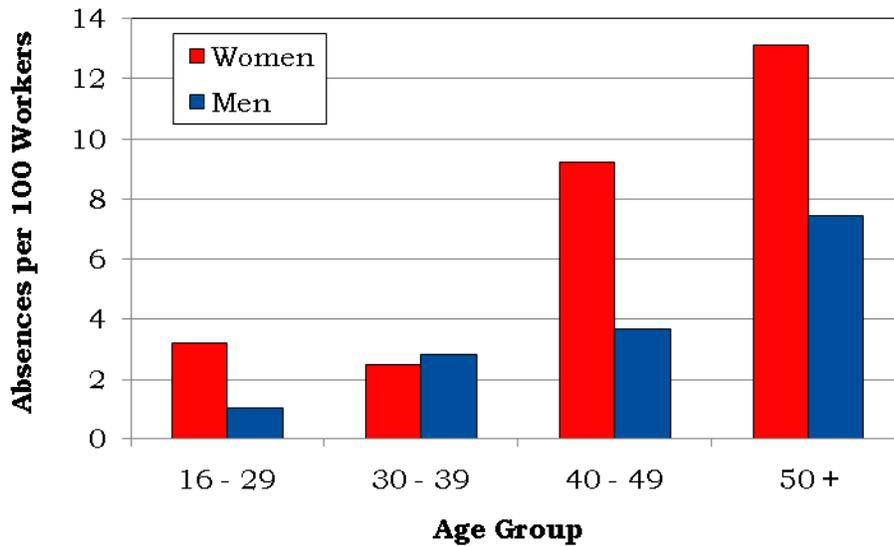


**Figure 2. The Work Force by Gender and Job Category**

Job Category	Women	Men
Professional	116 29%	424 34%
Administrative Support	132 33%	45 4%
Technical Support	9 2%	9 1%
Service	130 32%	379 30%
Security and Fire	2 1%	28 2%
Crafts	3 1%	206 17%
Line Operators	7 2%	156 12%
Total	399 100%	1,247 100%

**Number and Length of Absences**

**Figure 3. Absence Rate by Gender and Age**

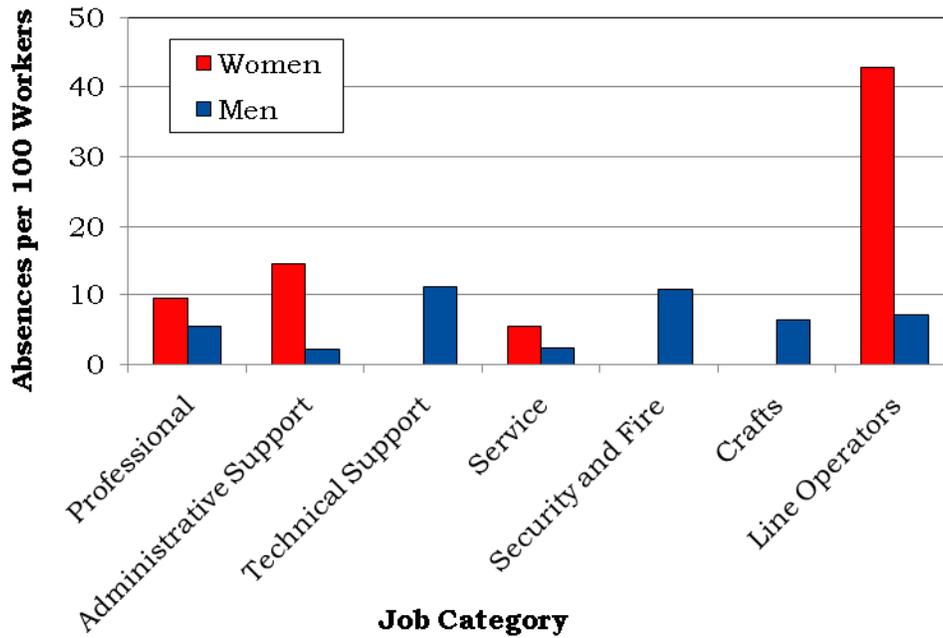


**Figure 4. Number of Days Absent by Gender and Age**

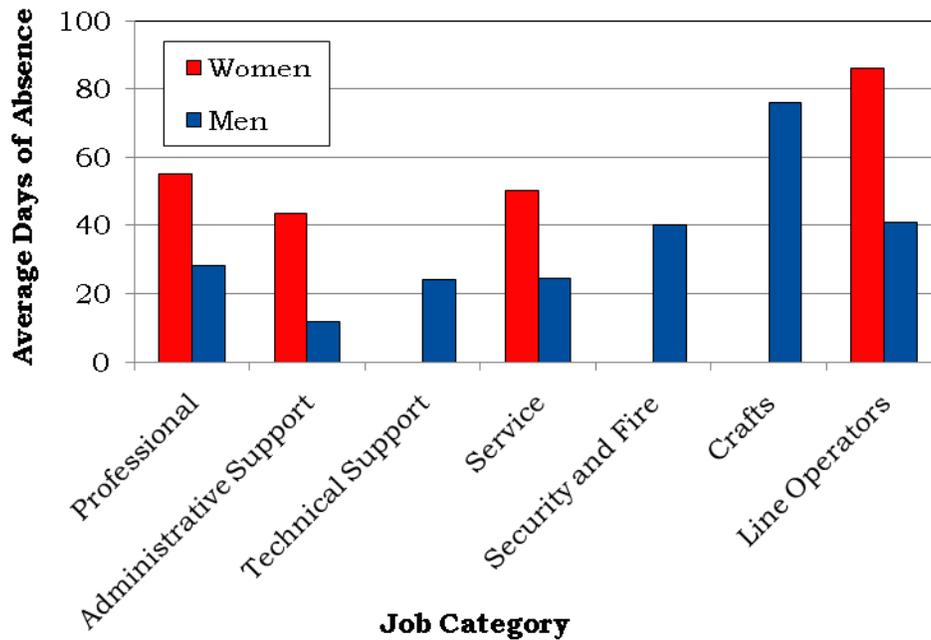
Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women*	16-29	1	15	15
	30-39	1	9	9
	40-49	12	295	25
	50+	26	1,725	66
	<b>Total</b>	<b>40</b>	<b>2,044</b>	<b>51</b>
Men	16-29	2	20	10
	30-39	5	58	12
	40-49	11	556	51
	50+	43	1,831	43
	<b>Total</b>	<b>61</b>	<b>2,465</b>	<b>40</b>

\*Normal pregnancies were excluded from absences for women.

**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	0	0	0	0
Blood	0	0	0	0
Cancer	3	258	3	66
Digestive	3	39	10	147
Endocrine /Metabolic	1	19	2	31
Existing Birth Condition	0	0	0	0
Genitourinary	5	324	2	38
Heart/Circulatory	4	209	7	262
Infections/Parasites	1	3	1	179
Injury	4	393	6	432
Miscarriage	0	0	NA	NA
Musculoskeletal	7	570	20	1,150
Nervous System	3	184	6	252
Psychological	2	80	0	0
Respiratory	7	69	8	236
Skin	1	55	1	7
Unspecified Symptoms	9	386	6	220

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 2009**

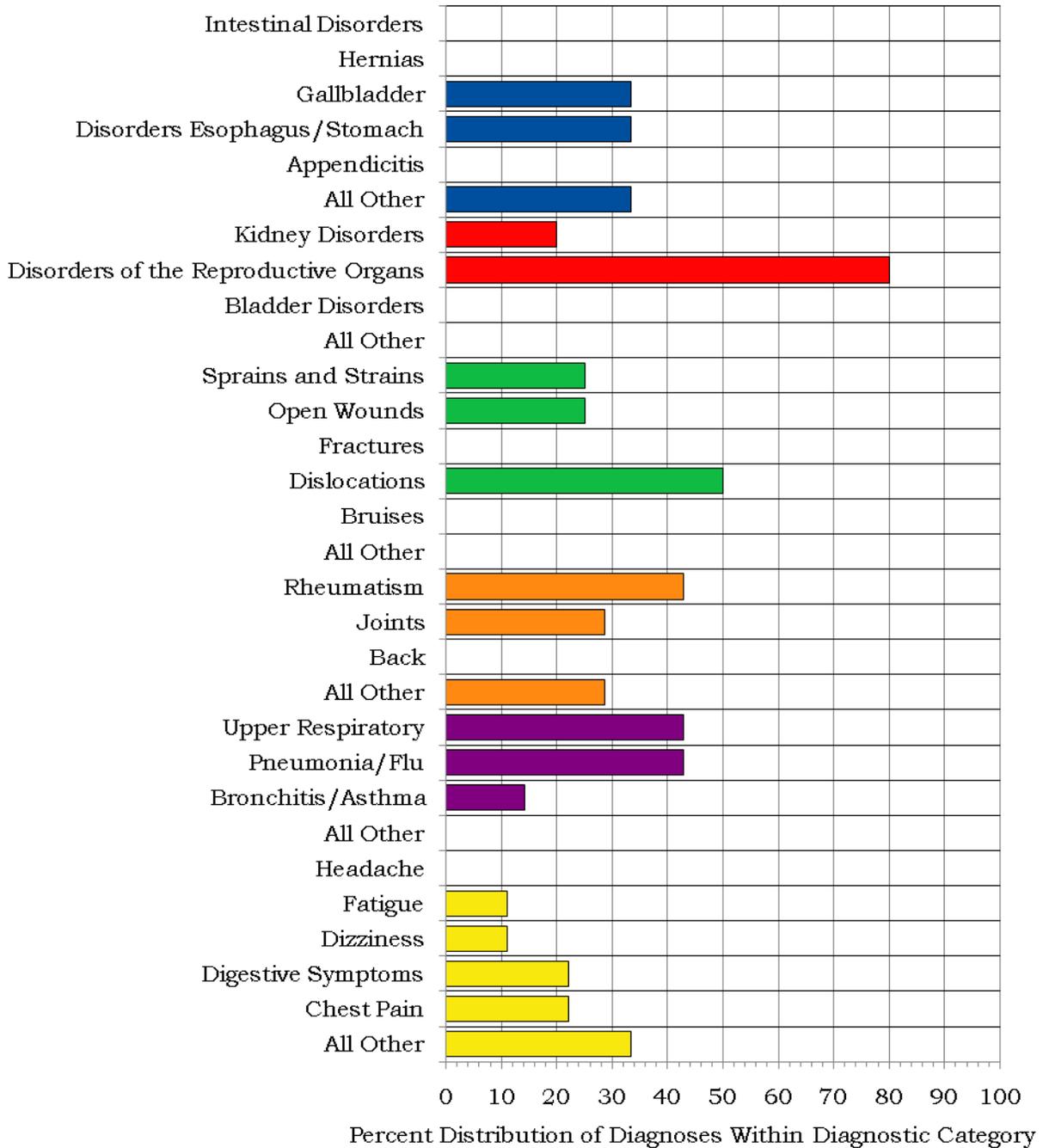
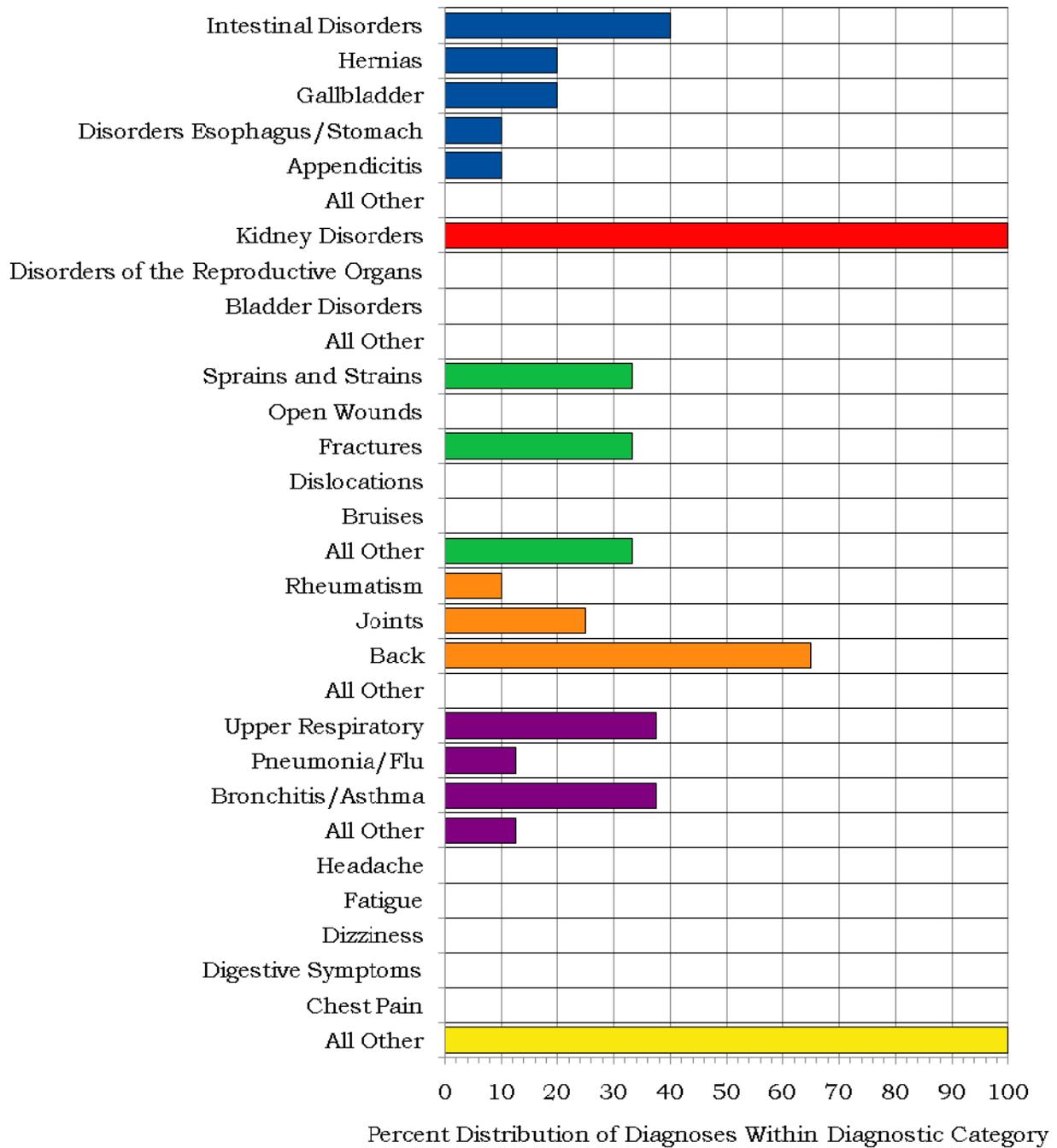


Figure 9. Common Diagnoses Among Male Workers in 2009

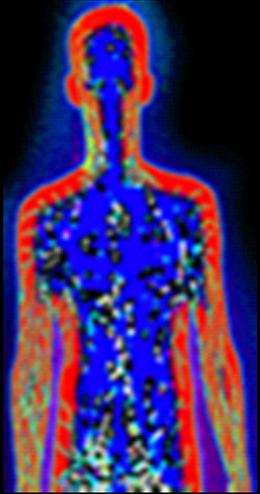


**Figure 10. Number of Most Frequently Reported Diagnoses by Job Category and Gender**

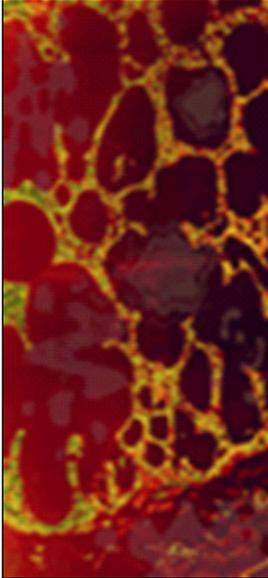
<b>Job Category</b>	<b>Men</b>		<b>Women</b>	
Professional	<b>Musculoskeletal</b>	<b>7</b>	<b>Unspecified Symptoms</b>	<b>3</b>
	<b>Digestive</b>	<b>5</b>	<b>Musculoskeletal</b>	<b>2</b>
	<b>Heart/Circulatory</b>	<b>5</b>	<b>Cancer</b>	<b>2</b>
			<b>Genitourinary</b>	<b>2</b>
Administrative Support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

Rates of Disease Occurrence

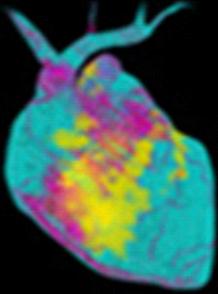
**Figure 11. Rates for All Illnesses and Injuries Combined by Job Category, Gender, and Age**

All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	33	53
		50+	88	203
	Administrative Support	<50	43	180
		50+	0	134
	Technical Support	<50	0	0
		50+	250	0
	Service	<50	25	23
		50+	19	205
	Security and Fire	<50	59	0
		50+	182	0
	Crafts	<50	44	0
		50+	140	0
	Line Operators	<50	24	0
		50+	125	667

**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+	4	34
	Administrative Support	<50	0	0
		50+	0	12
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	0	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	24	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	7	0
		50+	15	17
	Administrative Support	<50	0	20
		50+	0	24
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	4	0
		50+	0	0
	Security and Fire	<50	0	0
		50+	91	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0

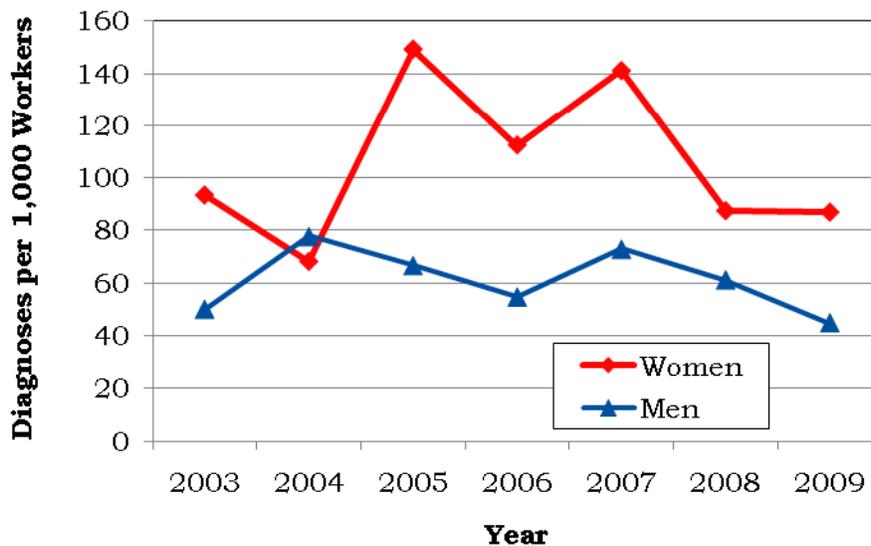
Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	7	0
		50+	11	0
	Administrative Support	<50	0	20
		50+	0	0
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	7	23
		50+	10	91
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	14	0

**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	0	0
		50+	0	17
	Administrative Support	<50	0	20
		50+	0	12
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	0	23
	Security and Fire	<50	59	0
		50+	0	0
	Crafts	<50	9	0
		50+	32	0
	Line Operators	<50	0	0
		50+	14	0

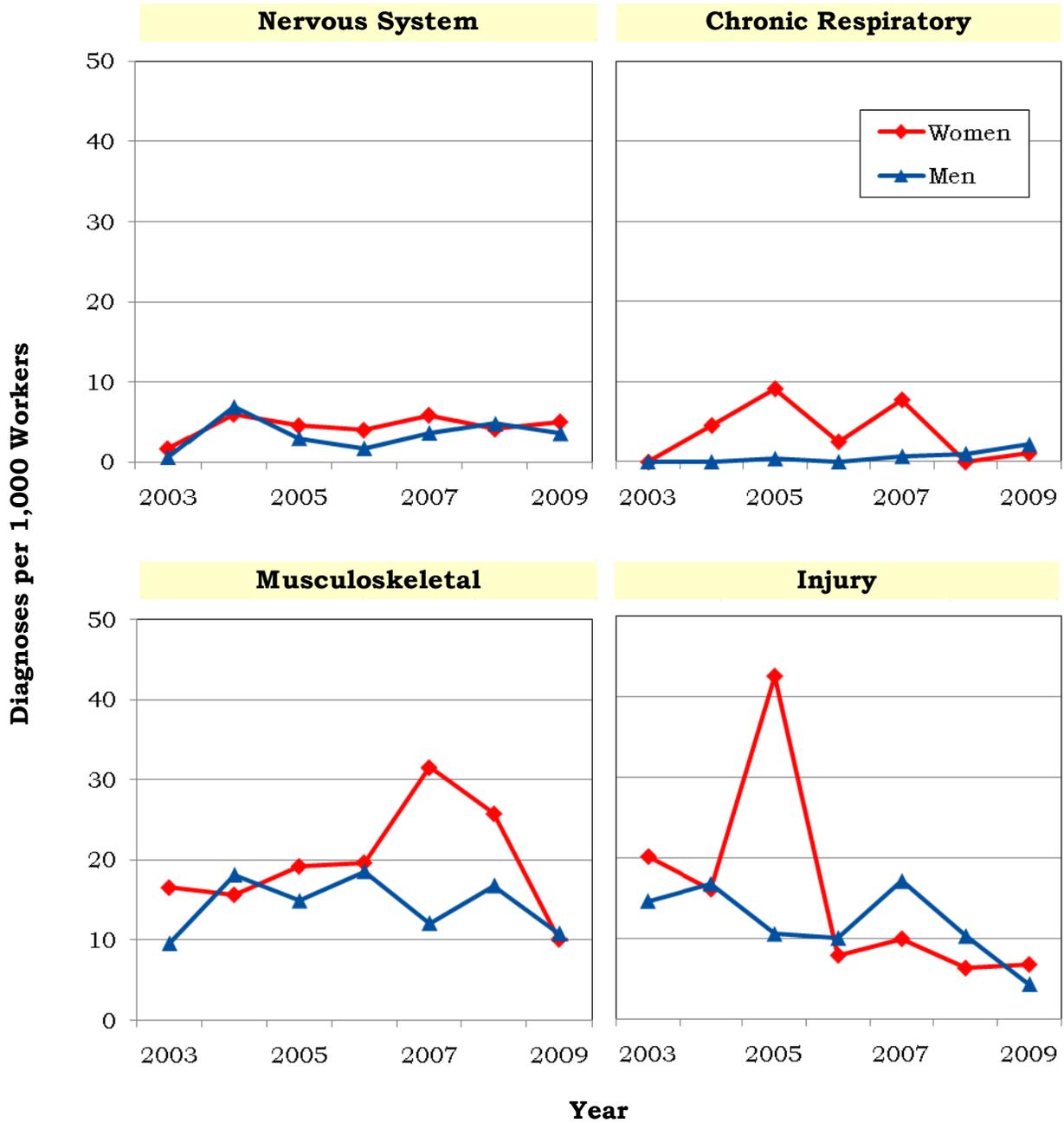
**Time Trends**

**Figure 13. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men from 2003 to 2009\***



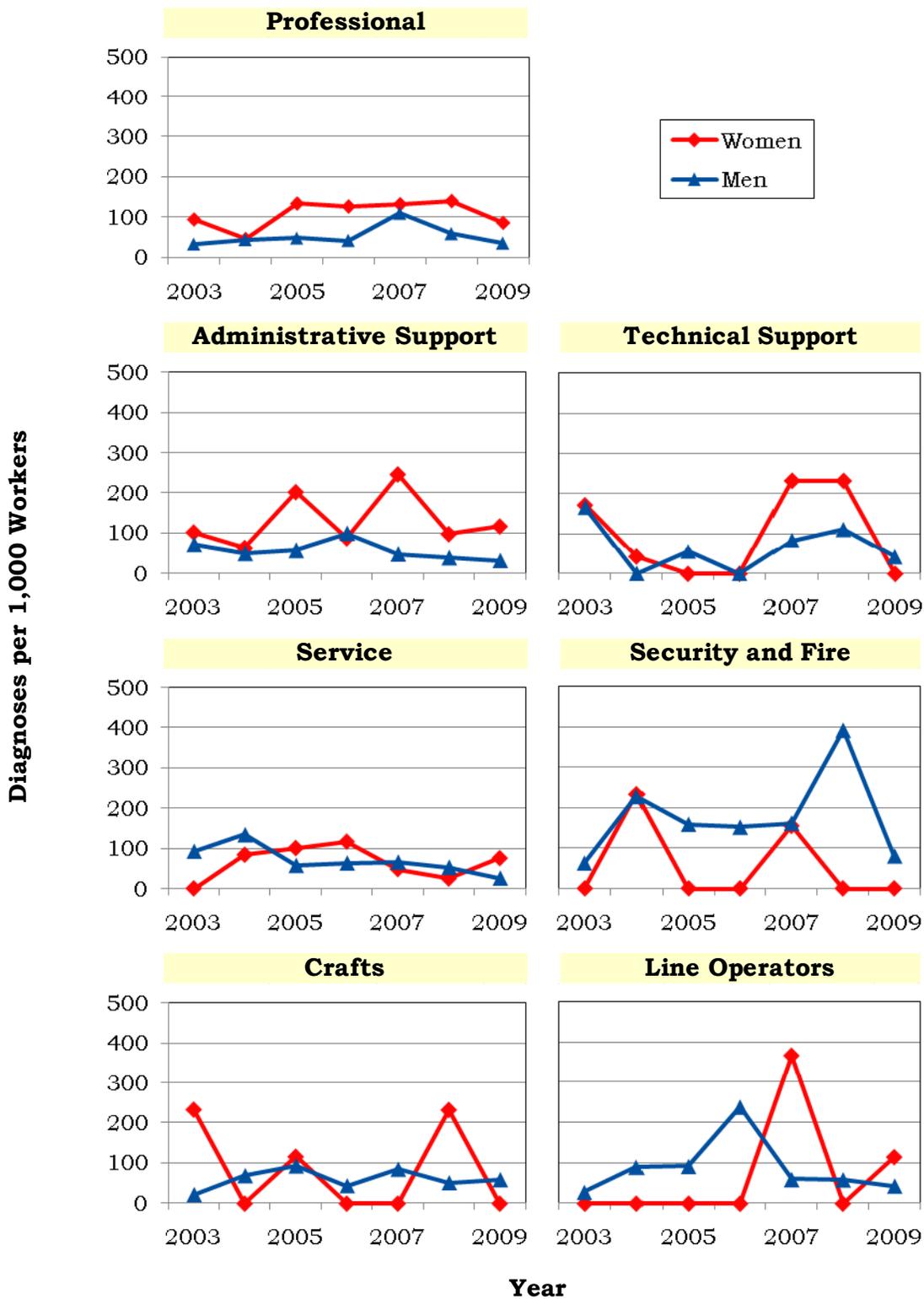
\*Standardized to age distribution of 2000 U.S. population.

**Figure 14. Age-Adjusted Rates for Selected Diagnostic Categories Among Women and Men from 2003 to 2009\***



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

**Figure 15. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men by Job Category from 2003 to 2009\***



\*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
<b>Definite</b>	0	0	0	0
<b>Possible</b>	4	1	69	82
<b>Total</b>	4	1	69	82

**Figure 17. SHEO Diagnoses by Gender**

Diagnoses	Gender	
	Women	Men
<b>Carpal Tunnel Syndrome</b>	1	2
<b>Other Conditions</b>	0	2

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 18. OSHA-Recordable Events by Gender and Age

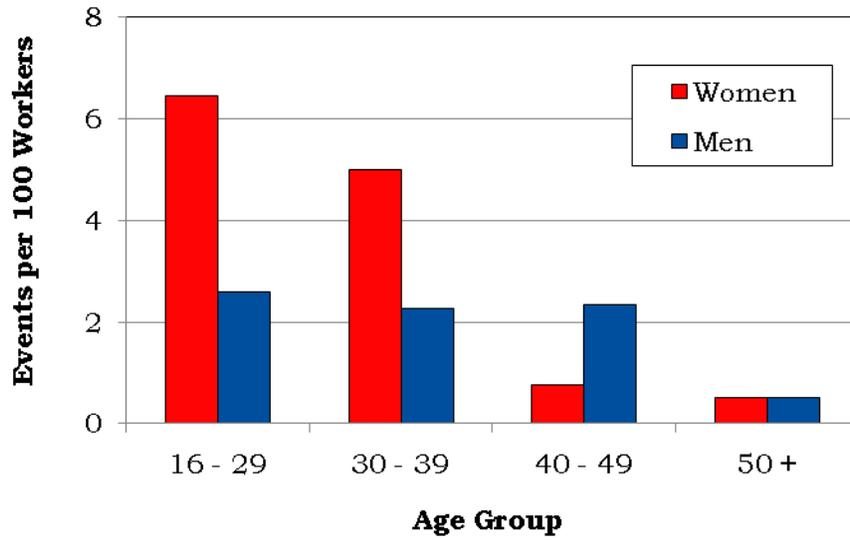
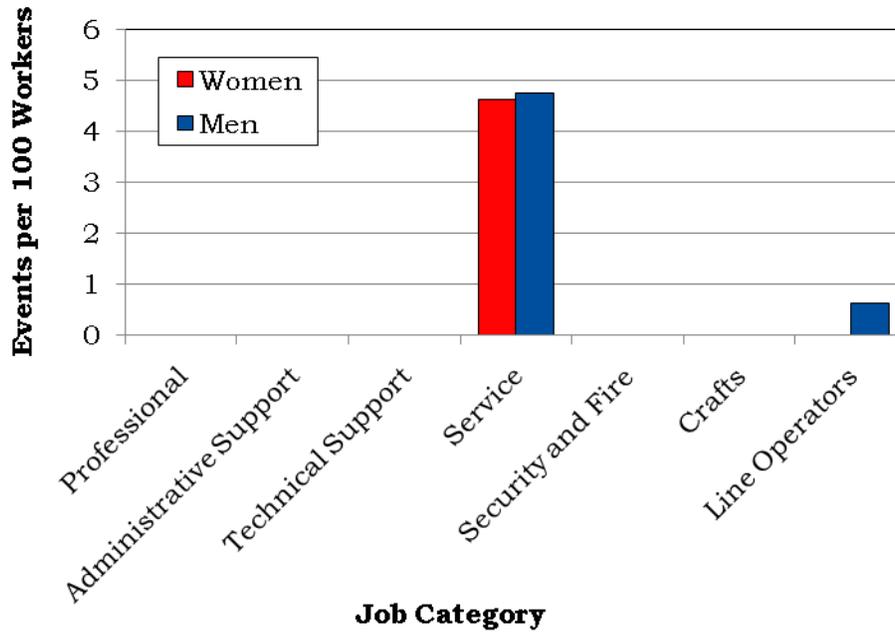


Figure 19. OSHA-Recordable Events by Job Category and Gender



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

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

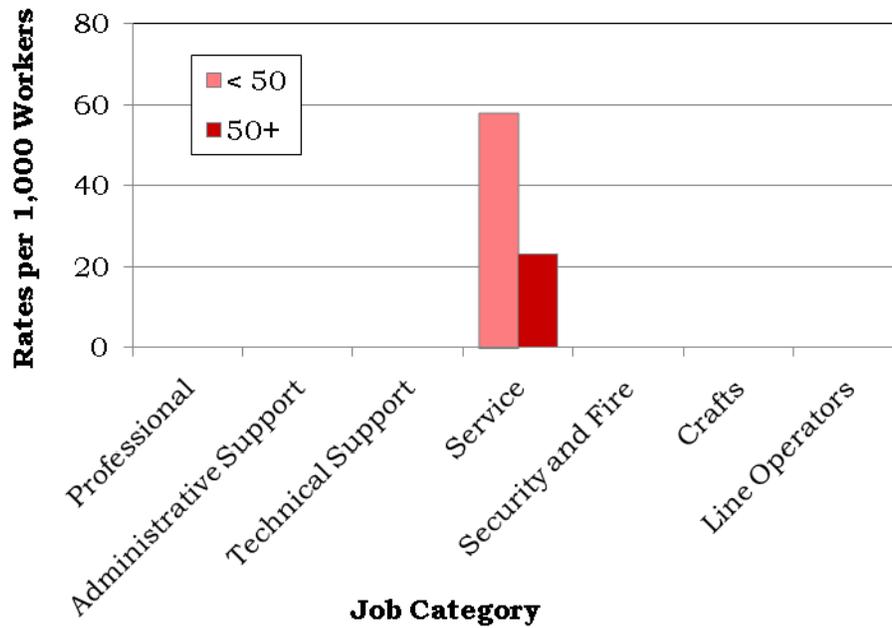
Diagnostic Category	Gender	
	Women	Men
Musculoskeletal	0	1
Skin	1	1
Unspecified Symptoms	0	2
Injury	5	17
Back Sprains & Strains	0	3
Other Sprains & Strains	2	4
Open Wounds - Head, Neck, Trunk	1	2
Open Wounds - Lower Limb	0	1
Bruises	0	1
Foreign Bodies Entering Orifice	0	1
Unspecified Injuries	1	3
Adverse Reactions to Non-Medical Substances	1	2

**Figure 21. OSHA-Recordable Accidents by Type and Gender**

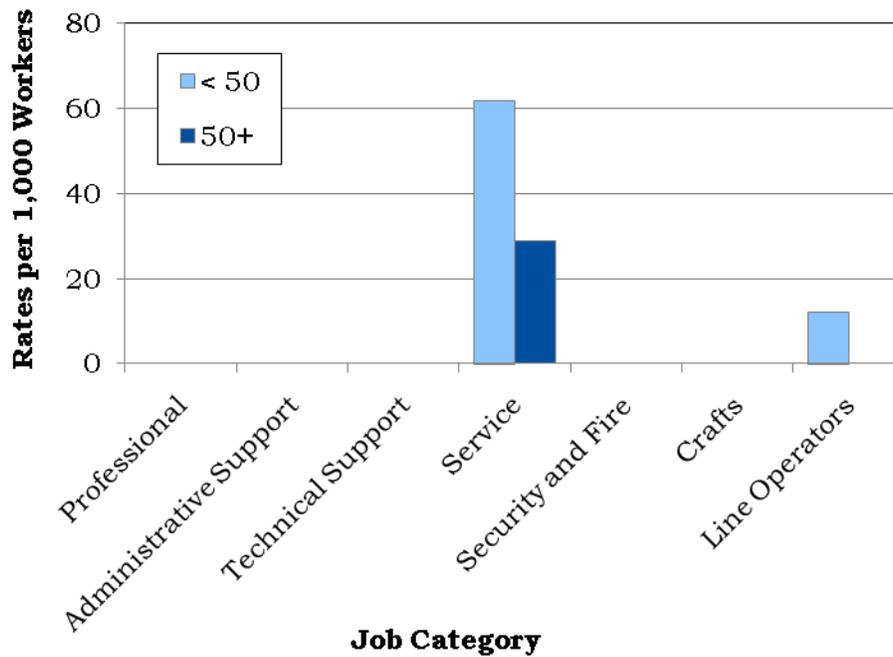
Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Motor Vehicle Traffic	0	1
Motor Vehicle Nontraffic	1	0
Falls	1	2
Natural/Environmental Factors	1	2
Submersion/Suffocation/Foreign Bodies	0	1
Other Accidents	2	11
Struck by an Object	2	5
Overexertion/Strenuous Movements	0	6
Total	5	17

Rates of OSHA-Recordable Events

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

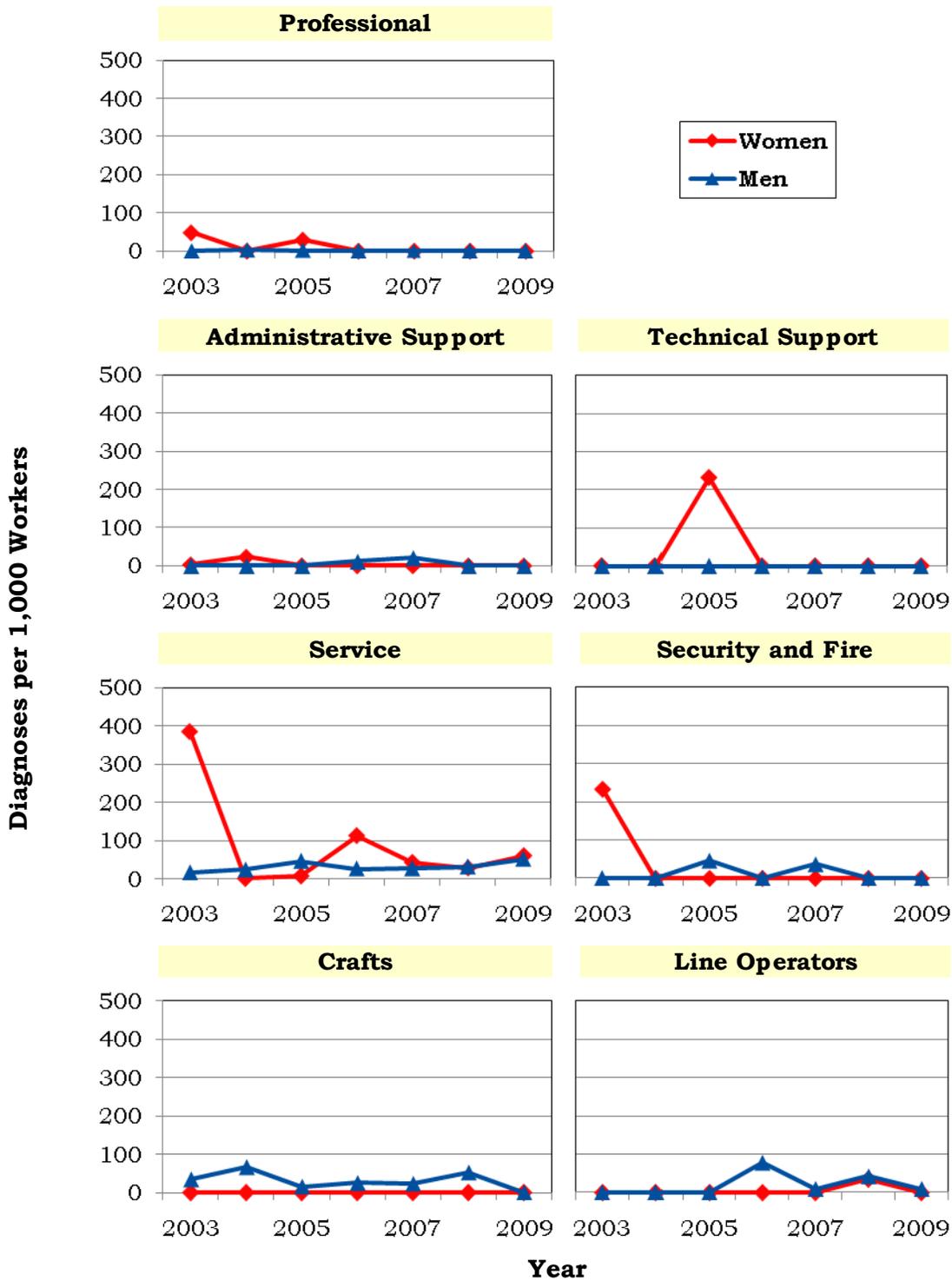


**Figure 23. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined**



Time Trends for OSHA-Recordable Events

Figure 24. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined Among Women and Men by Job Category from 2003 to 2009\*



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

**Appendices**

# East Tennessee Technology Park 2009

## Absence Data

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

Job Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	3	7	47	59	116	21	21	110	272	424	540
Administrative Support	9	11	30	82	132	8	9	6	22	45	177
Technical Support	0	1	3	5	9	1	2	2	4	9	18
Service	18	21	47	44	130	108	81	87	103	379	509
Security and Fire	0	0	1	1	2	4	5	8	11	28	30
Crafts	1	0	1	1	3	29	28	56	93	206	209
Line Operators	0	0	1	6	7	23	31	30	72	156	163
<b>TOTAL</b>	31	40	130	198	399	194	177	299	577	1,247	1,646

### 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

## East Tennessee Technology Park 2009

### 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	7	10	0	0	4	17	21	31
Administrative Support	0	1	6	10	17	1	0	0	0	1	18
Technical Support	0	0	0	0	0	0	0	0	1	1	1
Service	1	0	1	4	6	1	3	2	2	8	14
Security and Fire	0	0	0	0	0	0	1	0	1	2	2
Crafts	0	0	0	0	0	0	0	3	8	11	11
Line Operators	0	0	0	3	3	0	0	1	8	9	12
<b>TOTAL</b>	1	1	10	24	36	2	4	10	37	53	89

\*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	3	8	11	0	0	4	19	23	34
Administrative Support	0	1	8	10	19	1	0	0	0	1	20
Technical Support	0	0	0	0	0	0	0	0	1	1	1
Service	1	0	1	5	7	1	4	2	2	9	16
Security and Fire	0	0	0	0	0	0	1	0	2	3	3
Crafts	0	0	0	0	0	0	0	3	10	13	13
Line Operators	0	0	0	3	3	0	0	2	9	11	14
<b>TOTAL</b>	1	1	12	26	40	2	5	11	43	61	101

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

# East Tennessee Technology Park 2009

## 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	0	1	7	5	13	2	4	2	17	25	38
15 - 28	1	0	2	8	11	0	1	2	10	13	24
29 - 42	0	0	1	1	2	0	0	2	3	5	7
43 - 56	0	0	1	1	2	0	0	3	3	6	8
57 - 91	0	0	0	4	4	0	0	0	4	4	8
92 - 182	0	0	1	7	8	0	0	2	6	8	16
<b>TOTAL</b>	1	1	12	26	40	2	5	11	43	61	101

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

# East Tennessee Technology Park 2009

## 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	2	10	0	1	0	0	0	13
15 - 28	4	3	0	4	0	0	0	11
29 - 42	1	0	0	0	0	0	1	2
43 - 56	0	2	0	0	0	0	0	2
57 - 91	2	0	0	1	0	0	1	4
92 - 182	2	4	0	1	0	0	1	8
<b>TOTAL</b>	11	19	0	7	0	0	3	40

#### Men

Number of Calendar Days	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
< 15	12	1	0	6	2	1	3	25
15 - 28	5	0	1	1	0	3	3	13
29 - 42	2	0	0	0	0	1	2	5
43 - 56	2	0	0	1	0	3	0	6
57 - 91	0	0	0	1	0	1	2	4
92 - 182	2	0	0	0	1	4	1	8
<b>TOTAL</b>	23	1	1	9	3	13	11	61

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

# East Tennessee Technology Park 2009

## 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					
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	0	0	1	1
-Other Viral Dis & Chlamydiae	070-079	0	0	0	1	1
-Mycoses	110-118	0	0	0	0	0
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 209.0-209.3, 230-234</b>	0	0	0	3	3
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0
-Breast	174-175	0	0	0	3	3
-Genitourinary	179-189	0	0	0	0	0
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	0	0	1	1
-Other Endocrine Gland Dis	249-259	0	0	0	0	0
-Other Metabolic & Immunity Disorders	270-279	0	0	0	1	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	0	0	2	2
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	2	2
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	0	0	3	3
-Disorders of Peripheral NS	350-359	0	0	0	2	2
-Disorders of Eye	360-379	0	0	0	1	1
-Diseases of Ear & Mastoid	380-389	0	0	0	0	0
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	0	0	1	3	4
-Hypertensive Dis	401-405	0	0	0	0	0
-Ischemic Heart Dis	410-414	0	0	0	0	0
-Other Heart Dis	420-429	0	0	0	2	2
-Cerebrovascular Dis	430-438	0	0	0	1	1
-Dis of Arteries & Capillaries	440-449	0	0	0	0	0
-Dis of Veins, Lymphatics, Other	451-459	0	0	1	0	1
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	1	0	2	4	7
-Acute Respiratory Infections	460-466	0	0	0	1	1
-Other Dis Upper Respiratory Tract	470-478	1	0	0	1	2
-Pneumonia & Influenza	480-488	0	0	2	1	3
-Chronic Obstructive Dis	490-496	0	0	0	1	1
-Other Respiratory Dis	510-519	0	0	0	0	0
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	0	2	1	3
-Esophagus, Stomach, Duodenum	530-538	0	0	1	0	1
-Appendicitis	540-543	0	0	0	0	0
-Hernias	550-553	0	0	0	0	0
-Other Intestinal Dis	560-569	0	0	0	0	0
-Other Digestive Dis	570-579	0	0	1	1	2

(Continued)

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

# East Tennessee Technology Park 2009

## 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						
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	0	0	1	1	2
-Other Viral Dis & Chlamydiae	070-079	0	0	0	0	0	1
-Mycoses	110-118	0	0	0	1	1	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 209.0-209.3, 230-234</b>	0	0	2	1	3	6
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	1	1	1
-Breast	174-175	0	0	0	0	0	3
-Genitourinary	179-189	0	0	2	0	2	2
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	0	0	2	2	3
-Other Endocrine Gland Dis	249-259	0	0	0	2	2	2
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	0	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	0	0	0	0	2
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	0	0	2
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	0	2	4	6	9
-Disorders of Peripheral NS	350-359	0	0	0	2	2	4
-Disorders of Eye	360-379	0	0	0	2	2	3
-Diseases of Ear & Mastoid	380-389	0	0	2	0	2	2
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	0	0	2	5	7	11
-Hypertensive Dis	401-405	0	0	0	1	1	1
-Ischemic Heart Dis	410-414	0	0	0	1	1	1
-Other Heart Dis	420-429	0	0	1	2	3	5
-Cerebrovascular Dis	430-438	0	0	0	0	0	1
-Dis of Arteries & Capillaries	440-449	0	0	0	1	1	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	1	0	1	2
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	1	1	1	5	8	15
-Acute Respiratory Infections	460-466	1	0	0	1	2	3
-Other Dis Upper Respiratory Tract	470-478	0	0	1	0	1	3
-Pneumonia & Influenza	480-488	0	0	0	1	1	4
-Chronic Obstructive Dis	490-496	0	1	0	2	3	4
-Other Respiratory Dis	510-519	0	0	0	1	1	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	1	2	1	6	10	13
-Esophagus, Stomach, Duodenum	530-538	0	0	0	1	1	2
-Appendicitis	540-543	0	0	0	1	1	1
-Hernias	550-553	0	1	0	1	2	2
-Other Intestinal Dis	560-569	0	0	1	3	4	4
-Other Digestive Dis	570-579	1	1	0	0	2	4

(Continued)

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

# East Tennessee Technology Park 2009

## 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					
<b>GENTOURINARY SYSTEM</b>	<b>580-629</b>	0	1	2	2	5
-Other Urinary Dis	590-599	0	0	0	1	1
-Breast Disorders	610-612	0	0	0	1	1
-Other Female Disorders	617-629	0	1	2	0	3
<b>SKIN AND SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	0	1	0	1
-Other	700-709	0	0	1	0	1
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	0	0	1	6	7
-Arthropathies	710-719	0	0	0	2	2
-Dorsopathies	720-724	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	1	2	3
-Other Dis & Acquired Deformities	730-739	0	0	0	2	2
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	0	0	2	7	9
-Symptoms	780-789	0	0	2	7	9
-Non-Specific Abnormal Findings	790-796	0	0	0	0	0
-Ill-Defined & Unknown Causes	797-799	0	0	0	0	0
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	0	0	1	3	4
-Fracture - Lower Limb	820-829	0	0	0	0	0
-Dislocation	830-839	0	0	1	1	2
-Sprains & Strains - Back	846-847	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	1	1
-Intracranial Injury	850-854	0	0	0	0	0
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1	1
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V89</b>	0	0	0	1	1
-Specific Procedures/Aftercare	V50-V59	0	0	0	1	1
-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 2009

## 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						
<b>GENTOURINARY SYSTEM</b>	<b>580-629</b>	0	0	1	1	2	7
-Other Urinary Dis	590-599	0	0	1	1	2	3
-Breast Disorders	610-612	0	0	0	0	0	1
-Other Female Disorders	617-629	0	0	0	0	0	3
<b>SKIN AND SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	0	0	1	1	2
-Other	700-709	0	0	0	1	1	2
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	0	0	4	16	20	27
-Arthropathies	710-719	0	0	0	5	5	7
-Dorsopathies	720-724	0	0	4	9	13	13
-Rheumatism, Excluding Back	725-729	0	0	0	2	2	5
-Other Dis & Acquired Deformities	730-739	0	0	0	0	0	2
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	0	1	0	5	6	15
-Symptoms	780-789	0	1	0	3	4	13
-Non-Specific Abnormal Findings	790-796	0	0	0	1	1	1
-Ill-Defined & Unknown Causes	797-799	0	0	0	1	1	1
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	0	1	1	4	6	10
-Fracture - Lower Limb	820-829	0	0	0	2	2	2
-Dislocation	830-839	0	0	0	0	0	2
-Sprains & Strains - Back	846-847	0	1	0	0	1	1
-Sprains & Strains - Other	840-845, 848	0	0	1	0	1	2
-Intracranial Injury	850-854	0	0	0	1	1	1
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	1	1	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	1
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V89</b>	0	0	0	3	3	4
-Specific Procedures/Aftercare	V50-V59	0	0	0	0	0	1
-Examination & Investigation	V70-V82	0	0	0	3	3	3

Diagnostic Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
<b>Total</b>	1	1	12	37	51	2	5	14	54	75	126

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

## East Tennessee Technology Park 2009

### Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	3	3
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	0	258	258
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	19	19
MENTAL DISORDERS	290-319	0	0	0	80	80
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	184	184
CIRCULATORY SYSTEM	390-459	0	0	6	203	209
RESPIRATORY SYSTEM	460-519	15	0	17	37	69
DIGESTIVE SYSTEM	520-579	0	0	22	17	39
GENTOURINARY SYSTEM	580-629	0	9	52	263	324
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	55	0	55
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	0	16	554	570
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	118	268	386
INJURY & POISONING	800-999	0	0	9	384	393

		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	179	179	182
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	48	18	66	324
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	31	31	50
MENTAL DISORDERS	290-319	0	0	0	0	0	80
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	44	208	252	436
CIRCULATORY SYSTEM	390-459	0	0	67	195	262	471
RESPIRATORY SYSTEM	460-519	8	11	13	204	236	305
DIGESTIVE SYSTEM	520-579	12	28	18	89	147	186
GENTOURINARY SYSTEM	580-629	0	0	14	24	38	362
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0	7	7	62
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	0	239	911	1,150	1,720
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	10	0	210	220	606
INJURY & POISONING	800-999	0	9	131	292	432	825

\*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 2009

## Absence Data

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

		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Service	Line Operators	
Diagnostic Category	ICD-9-CM Code					
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	1	0	0	1
-Other Viral Dis & Chlamydiae	070-079	0	1	0	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 209.0-209.3, 230-234</b>	2	1	0	0	3
-Breast	174-175	2	1	0	0	3
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	1	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	1	0	0	0	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	0	0	2	2
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	2	2
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	2	0	1	0	3
-Disorders of Peripheral NS	350-359	1	0	1	0	2
-Disorders of Eye	360-379	1	0	0	0	1
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	1	3	0	0	4
-Other Heart Dis	420-429	1	1	0	0	2
-Cerebrovascular Dis	430-438	0	1	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	1	0	0	1
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	0	1	6	0	7
-Acute Respiratory Infections	460-466	0	0	1	0	1
-Other Dis Upper Respiratory Tract	470-478	0	0	2	0	2
-Pneumonia & Influenza	480-488	0	1	2	0	3
-Chronic Obstructive Dis	490-496	0	0	1	0	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	1	2	0	0	3
-Esophagus, Stomach, Duodenum	530-538	1	0	0	0	1
-Other Digestive Dis	570-579	0	2	0	0	2
<b>GENTOURINARY SYSTEM</b>	<b>580-629</b>	2	3	0	0	5
-Other Urinary Dis	590-599	0	1	0	0	1
-Breast Disorders	610-612	1	0	0	0	1
-Other Female Disorders	617-629	1	2	0	0	3
<b>SKIN AND SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	1	0	0	1
-Other	700-709	0	1	0	0	1
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	2	2	1	2	7
-Arthropathies	710-719	0	0	1	1	2
-Rheumatism, Excluding Back	725-729	1	1	0	1	3
-Other Dis & Acquired Deformities	730-739	1	1	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 2009

## Absence Data

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

		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Service	Line Operators	
Diagnostic Category	ICD-9-CM Code					
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	3	4	2	0	9
-Symptoms	780-789	3	4	2	0	9
INJURY & POISONING	800-999	1	2	1	0	4
-Dislocation	830-839	0	2	0	0	2
-Sprains & Strains - Other	840-845, 848	0	0	1	0	1
-Open Wound - Head, Neck, Trunk	870-879	1	0	0	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	1	0	0	0	1
-Specific Procedures/Aftercare	V50-V59	1	0	0	0	1

	Women				
	Job Category				TOTAL
	Professional	Administrative Support	Service	Line Operators	
Diagnostic Category					
Total	16	20	11	4	51

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

# East Tennessee Technology Park 2009

## 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				
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	1	0	0	0
-Mycoses	110-118	1	0	0	0
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 209.0-209.3, 230-234</b>	1	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	1	0	0	0
-Genitourinary	179-189	0	0	0	0
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	0	0	0
-Other Endocrine Gland Dis	249-259	0	0	0	0
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	3	0	0	0
-Disorders of Peripheral NS	350-359	2	0	0	0
-Disorders of Eye	360-379	1	0	0	0
-Diseases of Ear & Mastoid	380-389	0	0	0	0
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	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	2	0	0	1
-Dis of Arteries & Capillaries	440-449	1	0	0	0
-Dis of Veins, Lymphatics, Other	451-459	1	0	0	0
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	4	0	0	3
-Acute Respiratory Infections	460-466	0	0	0	1
-Other Dis Upper Respiratory Tract	470-478	1	0	0	0
-Pneumonia & Influenza	480-488	1	0	0	0
-Chronic Obstructive Dis	490-496	1	0	0	2
-Other Respiratory Dis	510-519	1	0	0	0
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	5	1	0	2
-Esophagus, Stomach, Duodenum	530-538	1	0	0	0
-Appendicitis	540-543	0	0	0	0
-Hernias	550-553	0	0	0	1
-Other Intestinal Dis	560-569	4	0	0	0
-Other Digestive Dis	570-579	0	1	0	1
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	0	0	1	1
-Other Urinary Dis	590-599	0	0	1	1
<b>SKIN AND SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	0	0	0
-Other	700-709	0	0	0	0
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	7	0	0	1

(Continued)

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

# East Tennessee Technology Park 2009

## 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				
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	0	0	1
-Mycoses	110-118	0	0	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 209.0-209.3, 230-234</b>	0	0	2	3
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	1
-Genitourinary	179-189	0	0	2	2
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	1	1	0	2
-Other Endocrine Gland Dis	249-259	1	1	0	2
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	3	0	6
-Disorders of Peripheral NS	350-359	0	0	0	2
-Disorders of Eye	360-379	0	1	0	2
-Diseases of Ear & Mastoid	380-389	0	2	0	2
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	1	0	0	7
-Hypertensive Dis	401-405	1	0	0	1
-Ischemic Heart Dis	410-414	0	0	0	1
-Other Heart Dis	420-429	0	0	0	3
-Dis of Arteries & Capillaries	440-449	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	1
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	0	0	1	8
-Acute Respiratory Infections	460-466	0	0	1	2
-Other Dis Upper Respiratory Tract	470-478	0	0	0	1
-Pneumonia & Influenza	480-488	0	0	0	1
-Chronic Obstructive Dis	490-496	0	0	0	3
-Other Respiratory Dis	510-519	0	0	0	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	2	0	10
-Esophagus, Stomach, Duodenum	530-538	0	0	0	1
-Appendicitis	540-543	0	1	0	1
-Hernias	550-553	0	1	0	2
-Other Intestinal Dis	560-569	0	0	0	4
-Other Digestive Dis	570-579	0	0	0	2
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	0	0	0	2
-Other Urinary Dis	590-599	0	0	0	2
<b>SKIN AND SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	1	0	1
-Other	700-709	0	1	0	1
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	0	5	7	20

(Continued)

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

## East Tennessee Technology Park 2009

### 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				
-Arthropathies	710-719	1	0	0	1
-Dorsopathies	720-724	5	0	0	0
-Rheumatism, Excluding Back	725-729	1	0	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	3	0	0	1
-Symptoms	780-789	2	0	0	1
-Non-Specific Abnormal Findings	790-796	0	0	0	0
-Ill-Defined & Unknown Causes	797-799	1	0	0	0
INJURY & POISONING	800-999	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0
-Intracranial Injury	850-854	0	0	0	0
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	0
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	1	0	0	2
-Examination & Investigation	V70-V82	1	0	0	2

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

# East Tennessee Technology Park 2009

## 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				
-Arthropathies	710-719	0	0	3	5
-Dorsopathies	720-724	0	5	3	13
-Rheumatism, Excluding Back	725-729	0	0	1	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	2	0	6
-Symptoms	780-789	0	1	0	4
-Non-Specific Abnormal Findings	790-796	0	1	0	1
-Ill-Defined & Unknown Causes	797-799	0	0	0	1
INJURY & POISONING	800-999	1	4	1	6
-Fracture - Lower Limb	820-829	0	1	1	2
-Sprains & Strains - Back	846-847	1	0	0	1
-Sprains & Strains - Other	840-845, 848	0	1	0	1
-Intracranial Injury	850-854	0	1	0	1
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	1	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V89	0	0	0	3
-Examination & Investigation	V70-V82	0	0	0	3

	Men							
	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category								
Total	30	1	1	11	3	18	11	75

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

## East Tennessee Technology Park 2009

### Absence Data

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

		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Service	Line Operators	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	3	0	0	3
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	94	164	0	0	258
ENDOCRINE/METABOLIC/IMMUNITY	240-279	19	0	0	0	19
MENTAL DISORDERS	290-319	0	0	0	80	80
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	93	0	91	0	184
CIRCULATORY SYSTEM	390-459	20	189	0	0	209
RESPIRATORY SYSTEM	460-519	0	3	66	0	69
DIGESTIVE SYSTEM	520-579	16	23	0	0	39
GENITOURINARY SYSTEM	580-629	125	199	0	0	324
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	55	0	0	55
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	142	70	179	179	570
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	103	268	15	0	386
INJURY & POISONING	800-999	179	35	179	0	393

\*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 2009

### 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	179	0	0	0
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	18	0	0	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	33	0	0	0
CIRCULATORY SYSTEM	390-459	109	0	0	49
RESPIRATORY SYSTEM	460-519	201	0	0	30
DIGESTIVE SYSTEM	520-579	48	12	0	28
GENITOURINARY SYSTEM	580-629	0	0	24	14
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	431	0	0	89
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	188	0	0	10
INJURY & POISONING	800-999	0	0	0	0

		Men			
		Job Category			TOTAL
		Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	179
MALIGNANT NEOPLASMS	140-208, 209.0-209.3, 230-234	0	0	48	66
ENDOCRINE/METABOLIC/IMMUNITY	240-279	7	24	0	31
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	219	0	252
CIRCULATORY SYSTEM	390-459	104	0	0	262
RESPIRATORY SYSTEM	460-519	0	0	5	236
DIGESTIVE SYSTEM	520-579	0	59	0	147
GENITOURINARY SYSTEM	580-629	0	0	0	38
SKIN AND SUBCUTANEOUS TISSUE	680-709	0	7	0	7
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	245	385	1,150
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	22	0	220
INJURY & POISONING	800-999	9	412	11	432

\*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 2009

## 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				
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	1	0.6	0.1	4.4
-Mycoses	110-118	1	0.6	0.1	4.4
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 209.0-209.3, 230-234</b>	3	2.2	0.7	6.7
-Bone, Connective Tissue, Skin	170-173, 176	1	0.6	0.1	4.4
-Genitourinary	179-189	2	1.5	0.4	6.2
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	2	0.8	0.2	3.3
-Other Endocrine Gland Dis	249-259	2	0.8	0.2	3.3
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	6	3.6	1.6	8.2
-Disorders of Peripheral NS	350-359	2	0.8	0.2	3.3
-Disorders of Eye	360-379	2	1.2	0.3	4.9
-Diseases of Ear & Mastoid	380-389	2	1.5	0.4	6.2
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	7	3.8	1.8	8.2
-Hypertensive Dis	401-405	1	0.4	0.1	2.9
-Ischemic Heart Dis	410-414	1	0.4	0.1	2.9
-Other Heart Dis	420-429	3	1.6	0.5	5.2
-Dis of Arteries & Capillaries	440-449	1	0.6	0.1	4.4
-Dis of Veins, Lymphatics, Other	451-459	1	0.8	0.1	5.5
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	8	5.7	2.6	12.5
-Acute Respiratory Infections	460-466	2	1.7	0.4	8.4
-Other Dis Upper Respiratory Tract	470-478	1	0.8	0.1	5.5
-Pneumonia & Influenza	480-488	1	0.4	0.1	2.9
-Chronic Obstructive Dis	490-496	3	2.2	0.6	8.1
-Other Respiratory Dis	510-519	1	0.6	0.1	4.4
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	10	7.9	4.0	15.7
-Esophagus, Stomach, Duodenum	530-538	1	0.4	0.1	2.9
-Appendicitis	540-543	1	0.6	0.1	4.4
-Hernias	550-553	2	1.8	0.4	8.4
-Other Intestinal Dis	560-569	4	2.4	0.9	6.6
-Other Digestive Dis	570-579	2	2.7	0.7	10.7
<b>GENTOURINARY SYSTEM</b>	<b>580-629</b>	2	1.2	0.3	5.0
-Other Urinary Dis	590-599	2	1.2	0.3	5.0
<b>SKIN AND SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	1	0.4	0.1	2.9
-Other	700-709	1	0.4	0.1	2.9

(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 2009

### 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				
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	20	10.2	6.5	16.2
-Arthropathies	710-719	5	2.5	1.0	6.0
-Dorsopathies	720-724	13	6.8	3.8	12.0
-Rheumatism, Excluding Back	725-729	2	1.0	0.2	4.2
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	6	4.0	1.7	9.7
-Symptoms	780-789	4	3.0	1.0	8.8
-Non-Specific Abnormal Findings	790-796	1	0.6	0.1	4.4
-Ill-Defined & Unknown Causes	797-799	1	0.4	0.1	2.9
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	6	4.4	1.8	10.4
-Fracture - Lower Limb	820-829	2	1.0	0.2	4.2
-Sprains & Strains - Back	846-847	1	1.3	0.2	9.5
-Sprains & Strains - Other	840-845, 848	1	0.8	0.1	5.5
-Intracranial Injury	850-854	1	0.6	0.1	4.4
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	1	0.6	0.1	4.4
<b>Total</b>		72	44.8	34.8	57.7

\*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 2009

## 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				
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	1	1.1	0.2	7.8
-Other Viral Dis & Chlamydiae	070-079	1	1.1	0.2	7.8
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 209.0-209.3, 230-234</b>	3	6.8	2.0	22.6
-Breast	174-175	3	6.8	2.0	22.6
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	1	1.1	0.2	7.8
-Other Metabolic & Immunity Disorders	270-279	1	1.1	0.2	7.8
<b>MENTAL DISORDERS</b>	<b>290-319</b>	2	2.2	0.5	8.8
-Non-Psychotic Disorders	300-302, 306-316	2	2.2	0.5	8.8
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	3	5.0	1.4	17.8
-Disorders of Peripheral NS	350-359	2	2.2	0.5	8.8
-Disorders of Eye	360-379	1	2.8	0.4	20.2
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	4	5.1	1.9	13.9
-Other Heart Dis	420-429	2	2.2	0.5	8.8
-Cerebrovascular Dis	430-438	1	1.1	0.2	7.8
-Dis of Veins, Lymphatics, Other	451-459	1	1.8	0.3	12.7
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	7	15.9	5.5	46.1
-Acute Respiratory Infections	460-466	1	1.1	0.2	7.8
-Other Dis Upper Respiratory Tract	470-478	2	9.0	1.6	51.5
-Pneumonia & Influenza	480-488	3	4.7	1.5	14.8
-Chronic Obstructive Dis	490-496	1	1.1	0.2	7.8
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	3	4.7	1.5	14.8
-Esophagus, Stomach, Duodenum	530-538	1	1.8	0.3	12.7
-Other Digestive Dis	570-579	2	2.9	0.7	12.0
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	5	13.3	4.7	37.5
-Other Urinary Dis	590-599	1	1.1	0.2	7.8
-Breast Disorders	610-612	1	2.8	0.4	20.2
-Other Female Disorders	617-629	3	9.4	2.5	35.3
<b>SKIN AND SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	1	1.8	0.3	12.7
-Other	700-709	1	1.8	0.3	12.7
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	7	10.1	4.5	22.6
-Arthropathies	710-719	2	3.9	0.9	17.9
-Rheumatism, Excluding Back	725-729	3	4.0	1.2	12.8
-Other Dis & Acquired Deformities	730-739	2	2.2	0.5	8.8

(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 2009

### 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				
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	9	13.0	6.4	26.2
-Symptoms	780-789	9	13.0	6.4	26.2
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	4	6.8	2.4	19.7
-Dislocation	830-839	2	2.9	0.7	12.0
-Sprains & Strains - Other	840-845, 848	1	2.8	0.4	20.2
-Open Wound - Head, Neck, Trunk	870-879	1	1.1	0.2	7.8
<b>Total</b>		50	86.9	61.8	122.0

\*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 2009

## 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				
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	2	0.8	0.2	3.5
-Other Viral Dis & Chlamydiae	070-079	1	0.3	0.0	2.1
-Mycoses	110-118	1	0.5	0.1	3.7
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 209.0-209.3, 230-234</b>	6	3.0	1.3	6.7
-Bone, Connective Tissue, Skin	170-173, 176	1	0.5	0.1	3.7
-Breast	174-175	3	1.3	0.4	4.3
-Genitourinary	179-189	2	1.1	0.3	4.3
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	3	0.9	0.3	2.8
-Other Endocrine Gland Dis	249-259	2	0.6	0.1	2.4
-Other Metabolic & Immunity Disorders	270-279	1	0.3	0.0	2.1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	2	0.6	0.1	2.4
-Non-Psychotic Disorders	300-302, 306-316	2	0.6	0.1	2.4
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	9	3.9	2.0	7.6
-Disorders of Peripheral NS	350-359	4	1.2	0.5	3.2
-Disorders of Eye	360-379	3	1.6	0.5	4.9
-Diseases of Ear & Mastoid	380-389	2	1.1	0.3	4.3
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	11	4.2	2.3	7.9
-Hypertensive Dis	401-405	1	0.3	0.0	2.1
-Ischemic Heart Dis	410-414	1	0.3	0.0	2.1
-Other Heart Dis	420-429	5	1.7	0.7	4.3
-Cerebrovascular Dis	430-438	1	0.3	0.0	2.1
-Dis of Arteries & Capillaries	440-449	1	0.5	0.1	3.7
-Dis of Veins, Lymphatics, Other	451-459	2	1.1	0.3	4.3
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	15	7.9	4.4	14.2
-Acute Respiratory Infections	460-466	3	1.7	0.4	6.8
-Other Dis Upper Respiratory Tract	470-478	3	2.0	0.5	7.1
-Pneumonia & Influenza	480-488	4	1.7	0.6	4.7
-Chronic Obstructive Dis	490-496	4	2.0	0.6	6.5
-Other Respiratory Dis	510-519	1	0.5	0.1	3.7
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	13	7.7	4.2	14.1
-Esophagus, Stomach, Duodenum	530-538	2	0.8	0.2	3.5
-Appendicitis	540-543	1	0.5	0.1	3.7
-Hernias	550-553	2	1.4	0.3	6.8
-Other Intestinal Dis	560-569	4	1.9	0.7	5.1

(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 2009

## 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				
-Other Digestive Dis	570-579	4	3.0	1.0	9.0
<b>GENTOURINARY SYSTEM</b>	<b>580-629</b>	7	3.8	1.7	8.6
-Other Urinary Dis	590-599	3	1.1	0.3	3.7
-Breast Disorders	610-612	1	0.5	0.1	3.7
-Other Female Disorders	617-629	3	2.2	0.7	7.2
<b>SKIN AND SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	2	0.8	0.2	3.5
-Other	700-709	2	0.8	0.2	3.5
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	27	10.2	6.9	15.1
-Arthropathies	710-719	7	2.8	1.3	6.0
-Dorsopathies	720-724	13	4.9	2.8	8.6
-Rheumatism, Excluding Back	725-729	5	2.0	0.8	4.9
-Other Dis & Acquired Deformities	730-739	2	0.6	0.1	2.4
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	15	6.7	3.8	11.6
-Symptoms	780-789	13	5.8	3.2	10.7
-Non-Specific Abnormal Findings	790-796	1	0.5	0.1	3.7
-Ill-Defined & Unknown Causes	797-799	1	0.3	0.0	2.1
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	10	5.2	2.6	10.1
-Fracture - Lower Limb	820-829	2	0.8	0.2	3.5
-Dislocation	830-839	2	0.8	0.2	3.5
-Sprains & Strains - Back	846-847	1	1.1	0.2	7.7
-Sprains & Strains - Other	840-845, 848	2	1.1	0.3	4.3
-Intracranial Injury	850-854	1	0.5	0.1	3.7
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	1	0.5	0.1	3.7
-Open Wound - Head, Neck, Trunk	870-879	1	0.3	0.0	2.1
<b>Total</b>		122	55.6	45.7	67.7

\*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 2009  
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	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Service	2	2	1	1	6	5	4	6	3	18	24
Line Operators	0	0	0	0	0	0	0	1	0	1	1
<b>TOTAL</b>	2	2	1	1	6	5	4	7	3	19	25

\*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	2	0	0	5	5	41	7	5	41
30 - 39	2	61	0	4	67	5	6	128	5
40 - 49	1	43	0	7	256	3	8	299	3
50 +	1	0	0	3	43	104	4	43	104
<b>TOTAL</b>	6	104	0	19	371	153	25	475	153

**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	6	104	0	18	371	153	24	475	153
Line Operators	0	0	0	1	0	0	1	0	0
<b>TOTAL</b>	6	104	0	19	371	153	25	475	153

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

# East Tennessee Technology Park 2009

## OSHA Data

### Appendix O. 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					
SKIN AND SUBCUTANEOUS TISSUE	680-709	1	0	0	0	1
-Other Inflammatory Conditions	690-698	1	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	0	0
-Symptoms	780-789	0	0	0	0	0
-Ill-Defined & Unknown Causes	797-799	0	0	0	0	0
INJURY & POISONING	800-999	1	2	1	1	5
-Sprains & Strains - Back	846-847	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	1	1	2
-Open Wound - Head, Neck, Trunk	870-879	0	1	0	0	1
-Open Wound - Lower Limb	890-897	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	1	0	0	0	1
-Toxic Effects - Non-medicinal	980-989	0	1	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 2009

## OSHA Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM code							
SKIN AND SUBCUTANEOUS TISSUE	680-709	1	0	0	0	1	2	
-Other Inflammatory Conditions	690-698	1	0	0	0	1	2	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	1	0	0	1	1	
-Arthropathies	710-719	0	1	0	0	1	1	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	2	0	2	2	
-Symptoms	780-789	0	0	1	0	1	1	
-Ill-Defined & Unknown Causes	797-799	0	0	1	0	1	1	
INJURY & POISONING	800-999	4	4	6	3	17	22	
-Sprains & Strains - Back	846-847	2	0	1	0	3	3	
-Sprains & Strains - Other	840-845, 848	0	1	2	1	4	6	
-Open Wound - Head, Neck, Trunk	870-879	1	0	0	1	2	3	
-Open Wound - Lower Limb	890-897	0	1	0	0	1	1	
-Contusion	920-924	0	0	1	0	1	1	
-Foreign Body Entering Orifice	930-939	0	0	1	0	1	1	
-Complications & Unspecified Injuries	958-959	0	1	1	1	3	4	
-Toxic Effects - Non-medicinal	980-989	1	1	0	0	2	3	

	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	2	2	1	1	6	5	5	8	3	21	27

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

# East Tennessee Technology Park 2009

## OSHA Data

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost						
Diagnostic Category	ICD-9-CM Codes								
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	43	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	61	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0	0	0
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	0	0	0

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost						
Diagnostic Category	ICD-9-CM Codes								
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	63	5	0	0	0	0
-Symptoms	780-789	0	0	0	0	50	0	0	0
-Ill-Defined & Unknown Causes	797-799	0	0	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	5	41	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	63	5	121	0	43	104
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Open Wound - Lower Limb	890-897	0	0	4	0	0	0	0	0
-Contusion	920-924	0	0	0	0	37	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	98	3	0	0
-Toxic Effects - Non-medicinal	980-989	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 2009**  
**OSHA Data**

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Type of Accident	E Codes					
Motor Vehicle Traffic	E810-E819	0	0	0	0	0
Motor Vehicle Nontraffic	E820-E825	0	0	1	0	1
Falls	E880-E888	0	0	0	1	1
Natural/Environmental Factors	E900-E909	0	1	0	0	1
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0
Other Accidents	E916-E928	1	1	0	0	2

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Type of Accident	E Codes						
Motor Vehicle Traffic	E810-E819	0	0	1	0	1	1
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	1
Falls	E880-E888	1	0	0	1	2	3
Natural/Environmental Factors	E900-E909	1	1	0	0	2	3
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	1	0	1	1
Other Accidents	E916-E928	2	3	4	2	11	13

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

**East Tennessee Technology Park 2009**  
**OSHA Data**

**Appendix R. Number of Workdays Lost or with Restricted Activity in Each Accident Category by Gender and Age\***

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost						
Type of Accident	E Codes								
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	43	0	0	0
Falls	E880-E888	0	0	0	0	0	0	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	61	0	0	0	0	0

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost						
Type of Accident	E Codes								
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0	0	0
Falls	E880-E888	0	41	0	0	0	0	43	104
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	5	0	67	5	256	3	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 2009

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		
SKIN AND SUBCUTANEOUS TISSUE	680-709	1	1
-Other Inflammatory Conditions	690-698	1	1
INJURY & POISONING	800-999	5	5
-Sprains & Strains - Other	840-845, 848	2	2
-Open Wound - Head, Neck, Trunk	870-879	1	1
-Complications & Unspecified Injuries	958-959	1	1
-Toxic Effects - Non-medicinal	980-989	1	1

	Women	
	Job Category	TOTAL
	Service	
Diagnostic Category		
Total	6	6

		Men		
		Job Category		TOTAL
		Service	Line Operators	
Diagnostic Category	ICD-9-CM Code			
SKIN AND SUBCUTANEOUS TISSUE	680-709	1	0	1
-Other Inflammatory Conditions	690-698	1	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	0	1
-Arthropathies	710-719	1	0	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	2	0	2
-Symptoms	780-789	1	0	1
-Ill-Defined & Unknown Causes	797-799	1	0	1
INJURY & POISONING	800-999	16	1	17
-Sprains & Strains - Back	846-847	2	1	3

(Continued)

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

# East Tennessee Technology Park 2009

## OSHA Data

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

		Men		
		Job Category		TOTAL
		Service	Line Operators	
Diagnostic Category	ICD-9-CM Code			
-Sprains & Strains - Other	840-845, 848	4	0	4
-Open Wound - Head, Neck, Trunk	870-879	2	0	2
-Open Wound - Lower Limb	890-897	1	0	1
-Contusion	920-924	1	0	1
-Foreign Body Entering Orifice	930-939	1	0	1
-Complications & Unspecified Injuries	958-959	3	0	3
-Toxic Effects - Non-medicinal	980-989	2	0	2

	Men		
	Job Category		TOTAL
	Service	Line Operators	
Diagnostic Category			
Total	20	1	21

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

## East Tennessee Technology Park 2009

### 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		
-Other Inflammatory Conditions	690-698	0	0
-Sprains & Strains - Other	840-845, 848	43	0
-Open Wound - Head, Neck, Trunk	870-879	61	0
-Complications & Unspecified Injuries	958-959	0	0
-Toxic Effects - Non-medicinal	980-989	0	0

		Men			
		Job Category			
		Service		Line Operators	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes				
-Other Inflammatory Conditions	690-698	0	0	0	0
-Arthropathies	710-719	63	5	0	0
-Symptoms	780-789	50	0	0	0
-Ill-Defined & Unknown Causes	797-799	0	0	0	0
-Sprains & Strains - Back	846-847	5	41	0	0
-Sprains & Strains - Other	840-845, 848	227	109	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0
-Open Wound - Lower Limb	890-897	4	0	0	0
-Contusion	920-924	37	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0
-Complications & Unspecified Injuries	958-959	98	3	0	0
-Toxic Effects - Non-medicinal	980-989	0	0	0	0

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

## East Tennessee Technology Park 2009

### OSHA Data

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

		Women	
		Job Category	
		Service	TOTAL
Type of Accident	E CODES		
Motor Vehicle Nontraffic	E820-E825	1	1
Falls	E880-E888	1	1
Natural/Environmental Factors	E900-E909	1	1
Other Accidents	E916-E928	2	2

		Men		
		Job Category		TOTAL
		Service	Line Operators	
Type of Accident	E CODES			
Motor Vehicle Traffic	E810-E819	0	1	1
Falls	E880-E888	2	0	2
Natural/Environmental Factors	E900-E909	2	0	2
Submersion/Suffocation/Foreign Bodies	E910-E915	1	0	1
Other Accidents	E916-E928	11	0	11

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

## East Tennessee Technology Park 2009

### 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		
Motor Vehicle Nontraffic	E820-E825	43	0
Falls	E880-E888	0	0
Natural/Environmental Factors	E900-E909	0	0
Other Accidents	E916-E928	61	0

		Men			
		Job Category			
		Service		Line Operators	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes				
Motor Vehicle Traffic	E810-E819	0	0	0	0
Falls	E880-E888	43	145	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0
Other Accidents	E916-E928	328	8	0	0

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

# East Tennessee Technology Park 2009

## 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				
<b>SKIN AND SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	1	1.3	0.2	9.5
-Other Inflammatory Conditions	690-698	1	1.3	0.2	9.5
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	1	1.3	0.2	9.5
-Arthropathies	710-719	1	1.3	0.2	9.5
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	2	1.5	0.4	6.2
-Symptoms	780-789	1	0.8	0.1	5.5
-Ill-Defined & Unknown Causes	797-799	1	0.8	0.1	5.5
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	17	16.6	10.0	27.6
-Sprains & Strains - Back	846-847	3	3.5	1.1	11.0
-Sprains & Strains - Other	840-845, 848	4	3.3	1.1	9.5
-Open Wound - Head, Neck, Trunk	870-879	2	1.7	0.4	8.4
-Open Wound - Lower Limb	890-897	1	1.3	0.2	9.5
-Contusion	920-924	1	0.8	0.1	5.5
-Foreign Body Entering Orifice	930-939	1	0.8	0.1	5.5
-Toxic Effects - Non-medicinal	980-989	2	2.7	0.7	10.7
-Complications of Surgical/Medical Care	996-999	3	2.5	0.7	8.8
<b>Total</b>		21	20.8	13.2	32.8

\*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 2009

### 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				
SKIN AND SUBCUTANEOUS TISSUE	680-709	1	8.0	1.1	56.5
-Other Inflammatory Conditions	690-698	1	8.0	1.1	56.5
INJURY & POISONING	800-999	5	22.5	8.1	62.0
-Sprains & Strains - Other	840-845, 848	2	2.9	0.7	12.0
-Open Wound - Head, Neck, Trunk	870-879	1	5.8	0.8	41.3
-Toxic Effects - Non-medicinal	980-989	1	5.8	0.8	41.3
-Complications of Surgical/Medical Care	996-999	1	8.0	1.1	56.5
<b>Total</b>		6	30.4	12.3	75.4

\*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 2009

### 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				
<b>SKIN AND SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	2	2.3	0.6	9.0
-Other Inflammatory Conditions	690-698	2	2.3	0.6	9.0
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	1	1.1	0.2	7.7
-Arthropathies	710-719	1	1.1	0.2	7.7
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	2	1.1	0.3	4.3
-Symptoms	780-789	1	0.5	0.1	3.8
-Ill-Defined & Unknown Causes	797-799	1	0.5	0.1	3.8
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	22	17.1	10.9	27.0
-Sprains & Strains - Back	846-847	3	2.8	0.9	9.1
-Sprains & Strains - Other	840-845, 848	6	3.3	1.4	8.0
-Open Wound - Head, Neck, Trunk	870-879	3	2.5	0.7	8.7
-Open Wound - Lower Limb	890-897	1	1.1	0.2	7.7
-Contusion	920-924	1	0.5	0.1	3.8
-Foreign Body Entering Orifice	930-939	1	0.5	0.1	3.8
-Toxic Effects - Non-medicinal	980-989	3	3.3	1.1	10.2
-Complications of Surgical/Medical Care	996-999	4	3.0	1.0	9.0
<b>Total</b>		27	21.5	14.3	32.4

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

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