

# 2008

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



## **East Tennessee Technology Park 2008 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 / 270CC  
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/)



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**East Tennessee Technology Park**  
**2008 Illness and Injury Surveillance Report**

**At A Glance**

A total of 1,539 East Tennessee Technology Park (ETTP) employees were included in illness and injury surveillance in 2008, a decrease of 21 percent from 2007. The 2008 work force is 59 percent larger than the 2003 work force, despite the decrease in workers from 2007 to 2008. During this time, there has been an increase in male Service and Crafts workers and Line Operators; women Service workers also increased.

The average age of workers in 2008 was 47 years for women and 46 years for men. Since 2003, the average age for men has decreased and for women has been relatively stable. The decrease in average age of men from 2003 to 2008 is the result of hiring workers less than 30 years of age. In 2003, the percentage of male workers less than 30 years of age was 3 percent; in 2008, 16 percent of men were in this age group. We did not see this shift in age among women, but we did see an increase in women aged 50 and older, which suggests that the female work force has been fairly stable and aging.

Women reported 32 absences, resulting in an absence rate of 8.5 absences per 100 workers (32/377). The 1,162 men reported 66 absences, yielding an absence rate of 5.7 per 100 workers (66/1,162). The overall absence rate declined one-third from 2005 to 2008. The types of conditions reported during this time have not changed among men; however, among women there has been a shift away from injuries and respiratory conditions and an increase in psychological and genitourinary disorders. The higher rate of absences among women compared with men has been generally seen among all DOE sites participating in the Illness and Injury Surveillance Program (IISP).

Security and Fire workers had the highest absence rate among men. Among women, the Technical Support workers had the highest absence rate in 2008.

Among the 90 diagnoses reported by men, musculoskeletal conditions and injuries accounted for 44 percent. Among women, 46 percent of the 48 diagnoses were for musculoskeletal conditions, genitourinary disorders, and psychological conditions.

No definite occupational sentinel health events (SHEOs) were identified in 2008. The 3 possible SHEOs were for carpal tunnel syndrome reported by 3 workers in the Service and Administrative Support job categories, all aged 40 years or older.

Women reported 5 OSHA-recordable events and men reported 27 OSHA-recordable events in 2008. Thirty-one of the 32 diagnoses were for injuries, mainly resulting from sprains and strains and open wounds. Seven OSHA-recordable events reported by men were the result of accidents. Three of the accidents were due to a cutting/piercing instrument/object with 1 each the result of being struck by an object or exposure to hot, corrosive, or caustic material/steam. No accidents were reported by women.

After declining to a minimum of 9.5 events per 1,000 workers in 2004, the rate of OSHA events more than doubled to 20.8 events per 1,000 workers in 2008. The overall trend among sites participating in IISP has been a decline in OSHA event rates, but this trend has not been seen at ETTP. The increased rate from 2004 through 2008 could reflect inexperience among newer workers in the work force and the type of work being performed.

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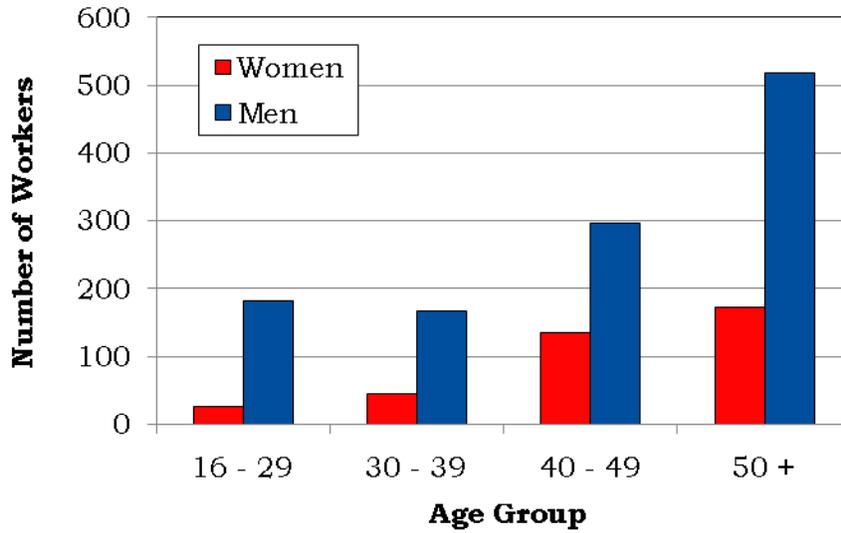
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**The East Tennessee Technology Park Work Force - 2008**

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

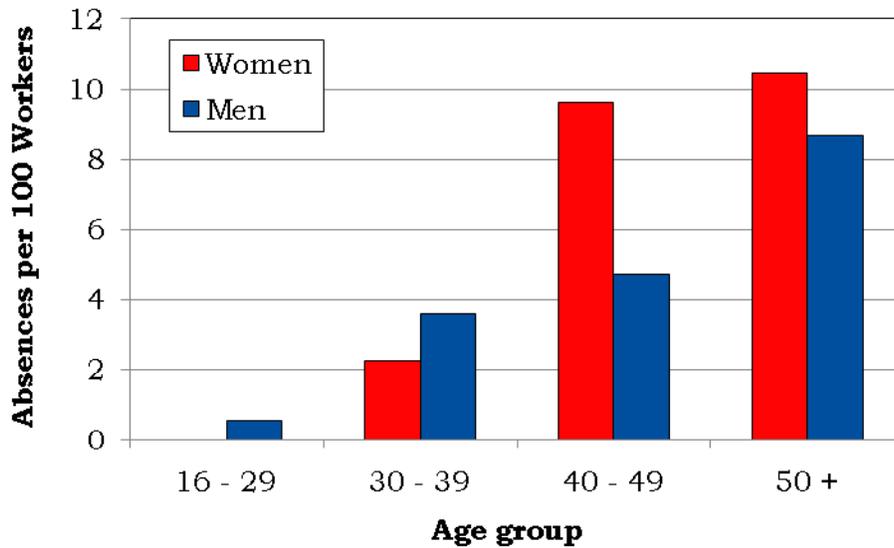


**Figure 2. The Work Force by Gender and Job Category**

Job Category	Women	Men
Professional	108 29%	389 33%
Administrative Support	114 30%	39 3%
Technical Support	7 2%	8 1%
Service	130 34%	367 32%
Security and Fire	2 1%	21 2%
Crafts	8 2%	217 19%
Line Operators	8 2%	121 10%
Total	377 100%	1,162 100%

**Number and Length of Absences**

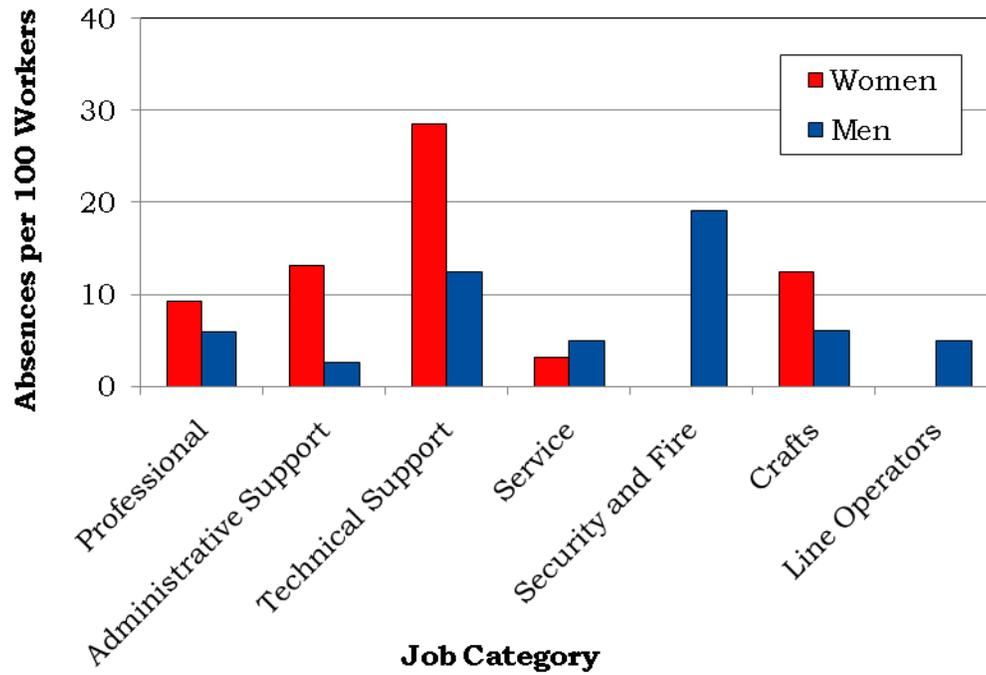
**Figure 3. Absence Rate by Gender and Age**



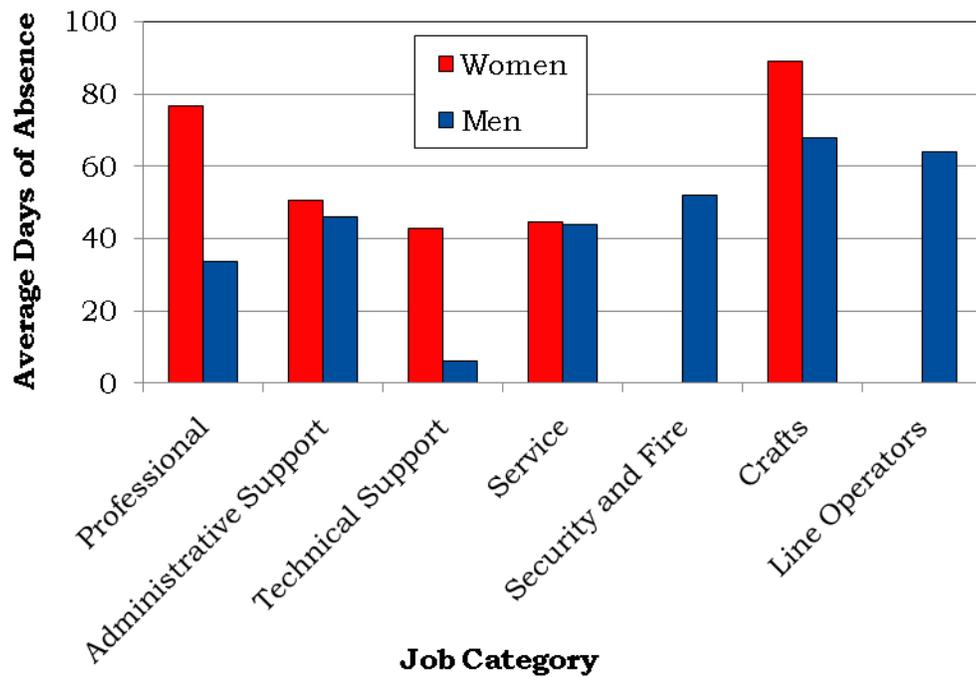
**Figure 4. Number of Days Absent by Gender and Age**

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women	16-29	0	0	0
	30-39	1	136	136
	40-49	13	545	42
	50+	18	1,199	67
	<b>Total</b>	<b>32</b>	<b>1,880</b>	<b>59</b>
Men	16-29	1	31	31
	30-39	6	246	41
	40-49	14	664	47
	50+	45	2,150	48
	<b>Total</b>	<b>66</b>	<b>3,091</b>	<b>47</b>

**Figure 5. Absence Rate by Job Category and Gender**



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



**Diagnostic Categories**

**Figure 7. Number of Diagnoses and Lost Calendar Days by Diagnostic Category (Categorized by ICD-9-CM) and Gender**

Diagnostic Category	Women		Men	
	Number of Diagnoses	Number of Lost Calendar Days	Number of Diagnoses	Number of Lost Calendar Days
Benign Growths	1	13	0	0
Blood	0	0	0	0
Cancer	0	0	4	328
Digestive	4	98	10	72
Endocrine /Metabolic	3	391	1	17
Existing Birth Condition	0	0	2	71
Genitourinary	6	172	1	14
Heart/Circulatory	4	16	7	695
Infections/Parasites	0	0	1	23
Injury	4	163	16	575
Miscarriage	0	0	NA	NA
Musculoskeletal	11	1,072	24	1,168
Nervous System	3	85	5	268
Psychological	5	315	0	0
Respiratory	3	30	13	64
Skin	0	0	0	0
Unspecified Symptoms	4	60	6	409

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 2008**

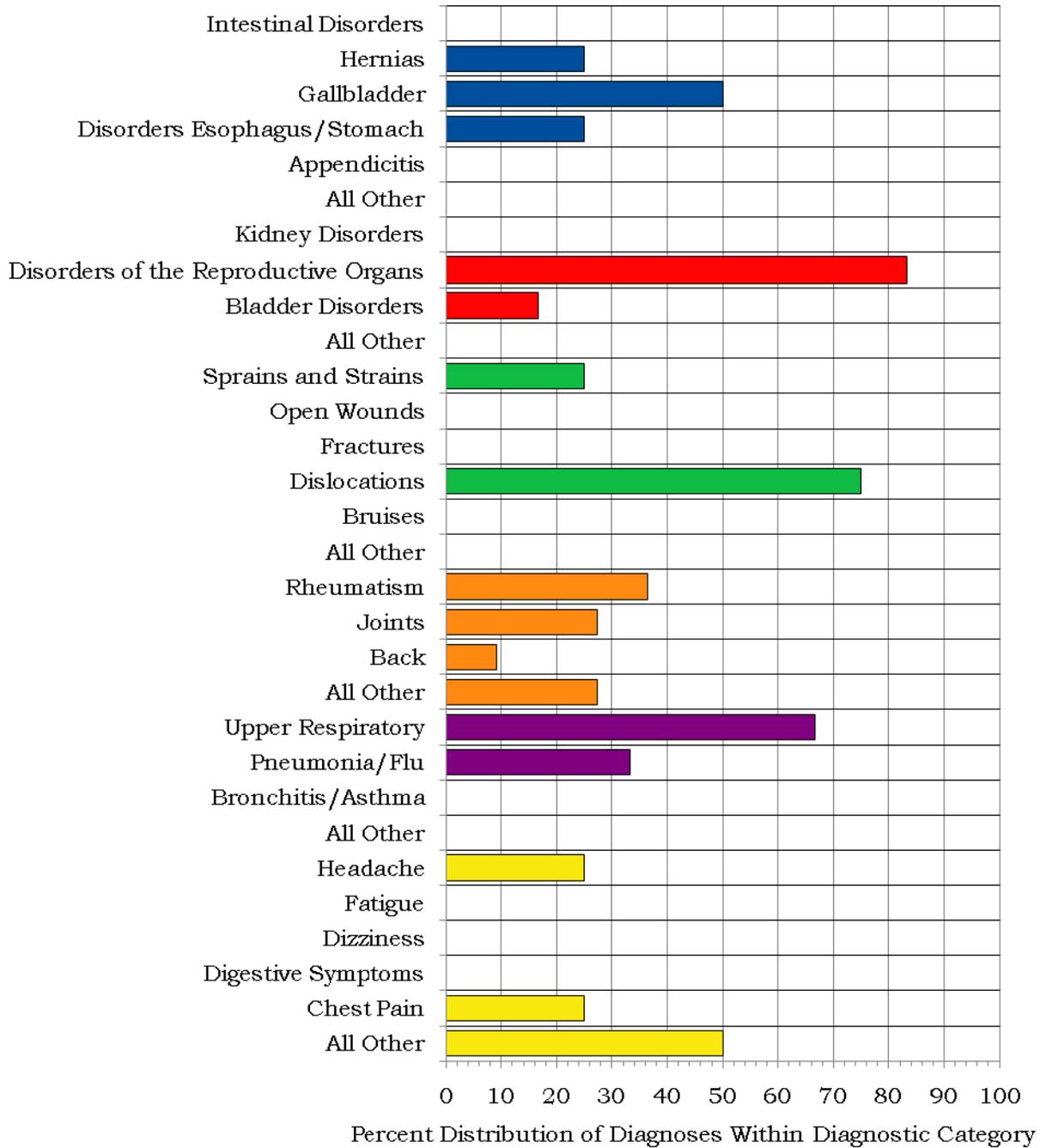
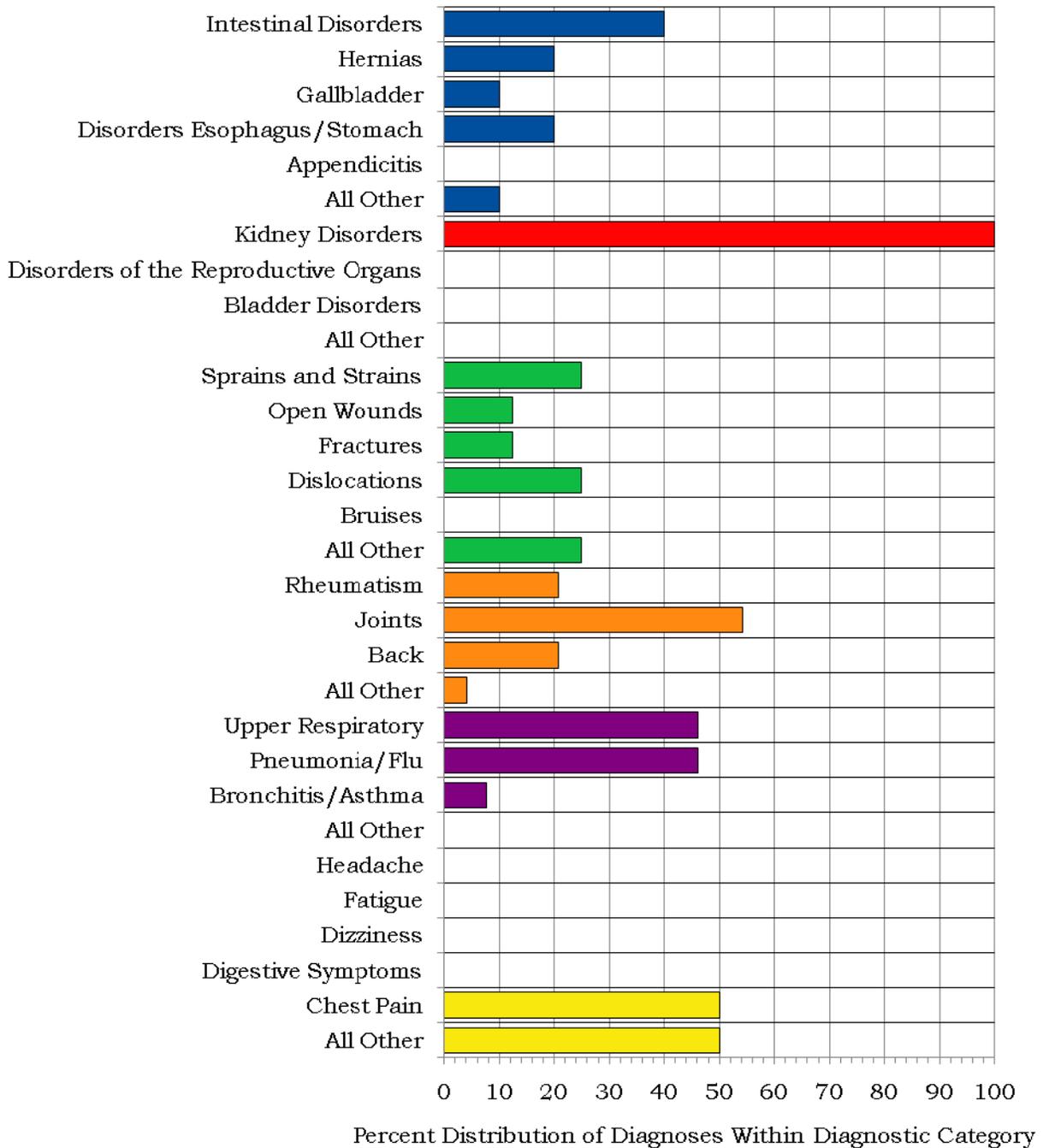


Figure 9. Common Diagnoses Among Male Workers in 2008



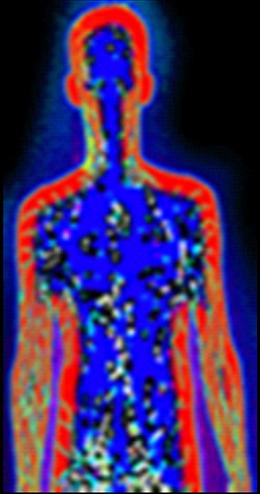
■ Digestive, 10 Diagnoses	■ Musculoskeletal, 24 Diagnoses
■ Genitourinary, 1 Diagnosis	■ Respiratory, 13 Diagnoses
■ Injury, 16 Diagnoses	■ Unspecified Symptoms, 6 Diagnoses

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

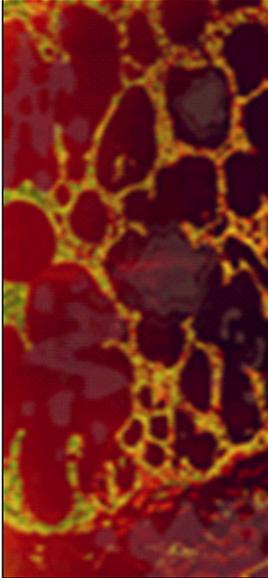
<b>Job Category</b>	<b>Men</b>		<b>Women</b>	
Professional	Musculoskeletal	12	Musculoskeletal	5
	Injury	7	Genitourinary	2
	Respiratory	5	Unspecified Symptoms	2
	Digestive	5	Digestive	2
			Endocrine/Metabolic	2
Administrative Support	Existing Birth Condition	1	Musculoskeletal	3
			Genitourinary	3
			Psychological	3
			Heart/Circulatory	3
			Nervous System	3
Technical Support	Musculoskeletal	2	Musculoskeletal	2
			Injury	2
Service	Musculoskeletal	5	Genitourinary	1
	Injury	4	Unspecified Symptoms	1
	Nervous System	3	Psychological	1
			Respiratory	1
			Heart/Circulatory	1
Security and Fire	Respiratory	4		0
	Digestive	2		
	Cancer	1		
Crafts	Musculoskeletal	4	Musculoskeletal	1
	Injury	2		
	Heart/Circulatory	2		
	Unspecified Symptoms	2		
Line Operators	Injury	3		0
	Respiratory	2		
	Digestive	2		

Rates of Disease Occurrence

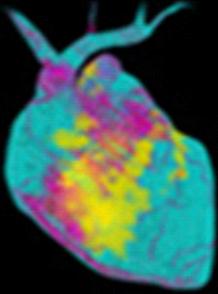
**Figure 11. Rates for All Illnesses and Injuries Combined by Job Category, Gender, and Age**

All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	72	140
		50+	100	157
	Administrative Support	<50	50	23
		50+	0	300
	Technical Support	<50	0	800
		50+	667	0
	Service	<50	26	56
		50+	121	0
	Security and Fire	<50	636	0
		50+	0	0
	Crafts	<50	22	167
		50+	145	0
	Line Operators	<50	29	0
		50+	170	0

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

Cancer	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	4	0
	Administrative Support	<50	0	0
		50+	0	0
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	10	0
	Security and Fire	<50	91	0
		50+	0	0
	Crafts	<50	0	0
		50+	12	0
	Line Operators	<50	0	0
		50+	0	0

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

Heart/Circulatory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	8	0
	Administrative Support	<50	0	0
		50+	0	43
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	11
		50+	20	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	24	0
	Line Operators	<50	0	0
		50+	19	0

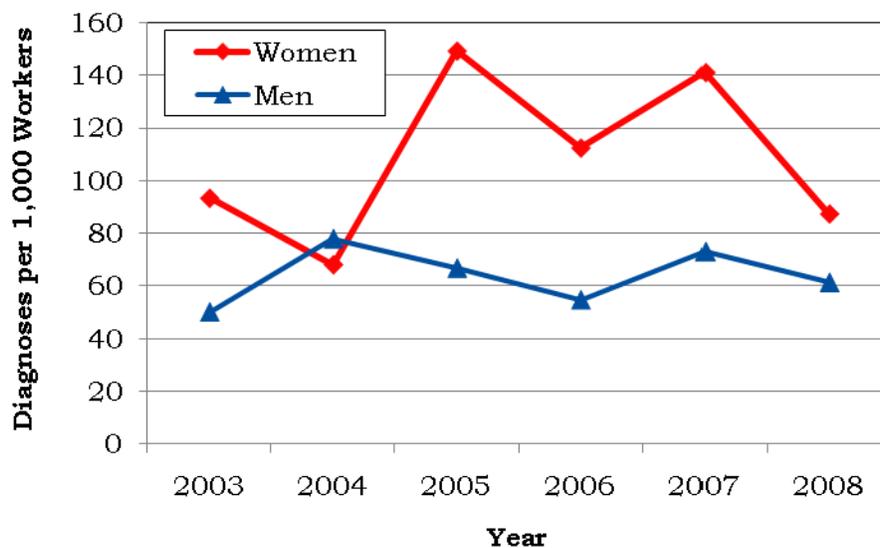
Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	18
		50+	20	0
	Administrative Support	<50	0	0
		50+	0	14
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	11
		50+	10	0
	Security and Fire	<50	364	0
		50+	0	0
	Crafts	<50	0	0
		50+	12	0
	Line Operators	<50	29	0
		50+	0	0

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

Injury	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	22	18
		50+	16	0
	Administrative Support	<50	0	0
		50+	0	14
	Technical Support	<50	0	400
		50+	0	0
	Service	<50	7	0
		50+	20	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	7	0
		50+	12	0
	Line Operators	<50	0	0
		50+	57	0

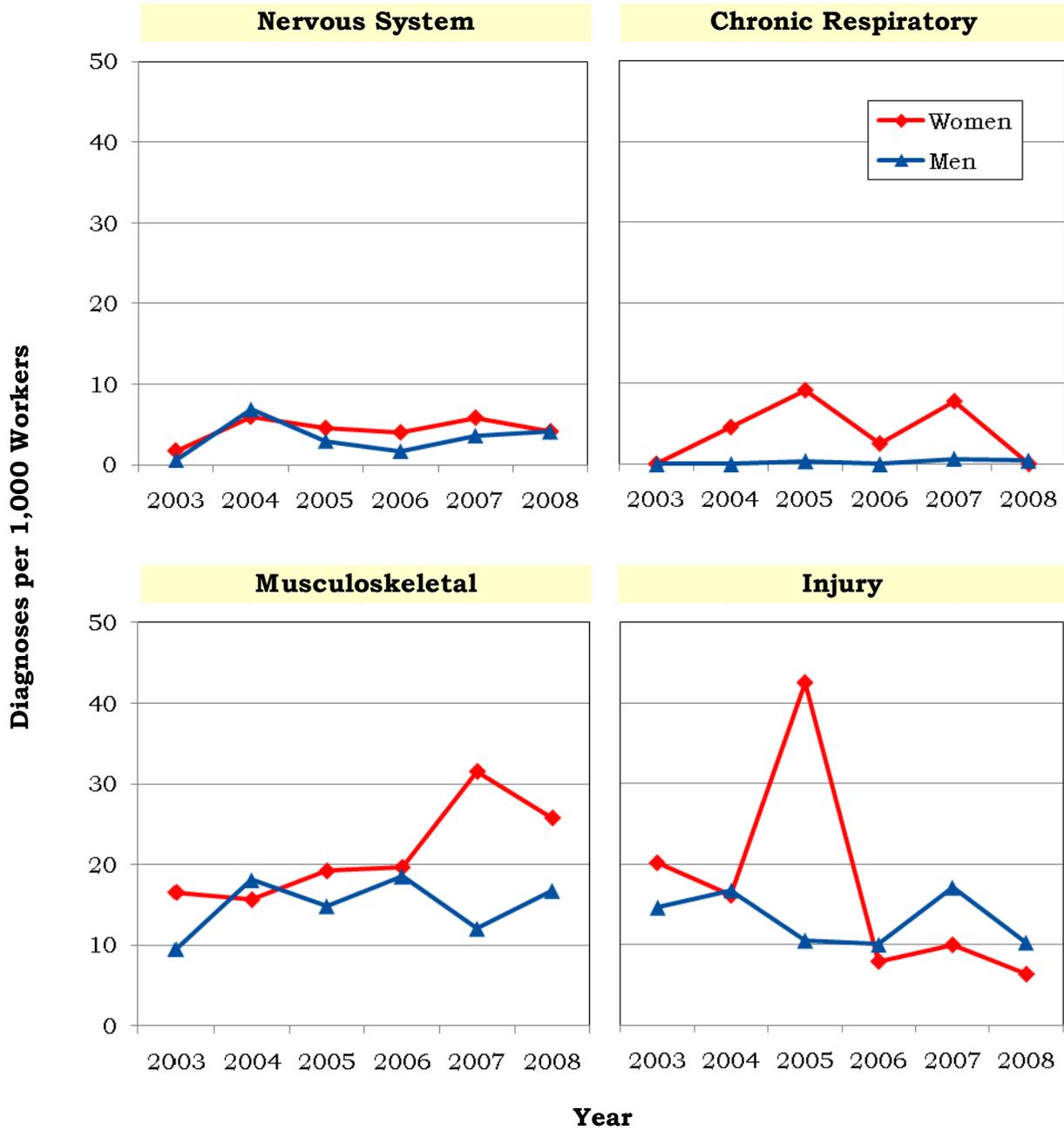
**Time Trends**

**Figure 13. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men from 2003 to 2008\***



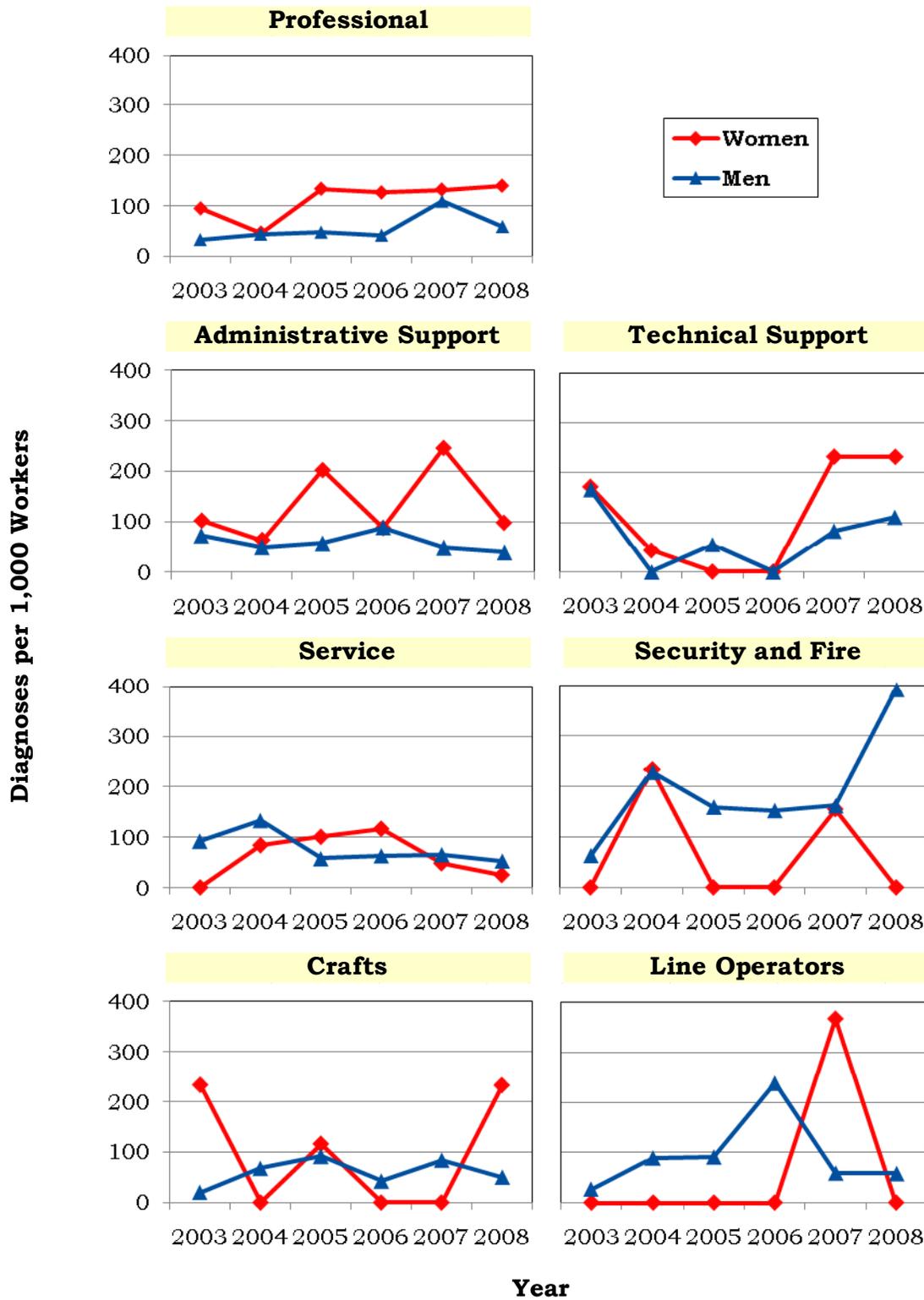
\*Standardized to age distribution of 2000 U.S. population.

**Figure 14. Age-Adjusted Rates for Selected Diagnostic Categories Among Women and Men from 2003 to 2008\***



\*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 2008\***



\*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>	2	1	50	19
<b>Total</b>	2	1	50	19

**Figure 17. SHEO Diagnoses by Gender**

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

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 18. OSHA-Recordable Events by Gender and Age

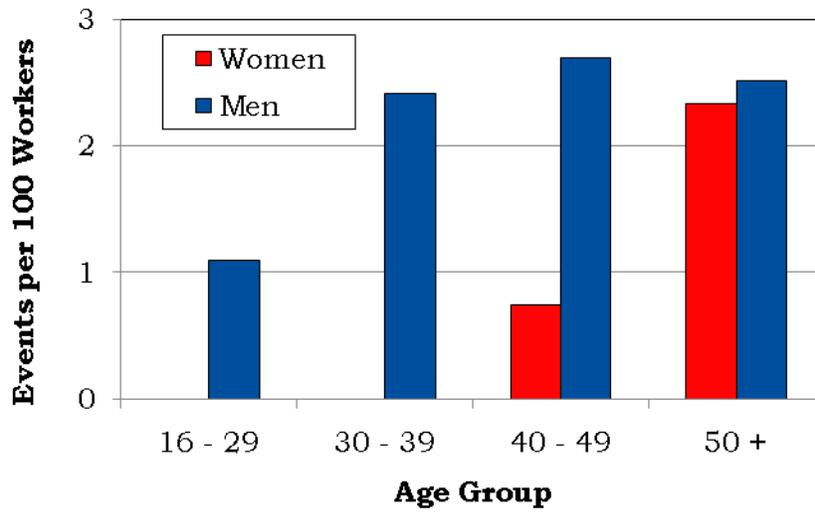
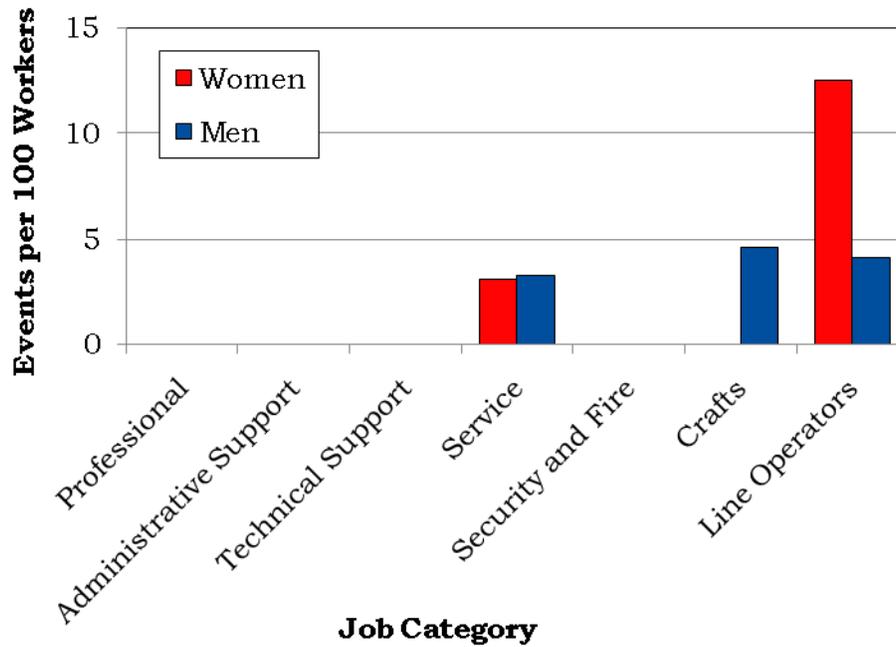


Figure 19. OSHA-Recordable Events by Job Category and Gender



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

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

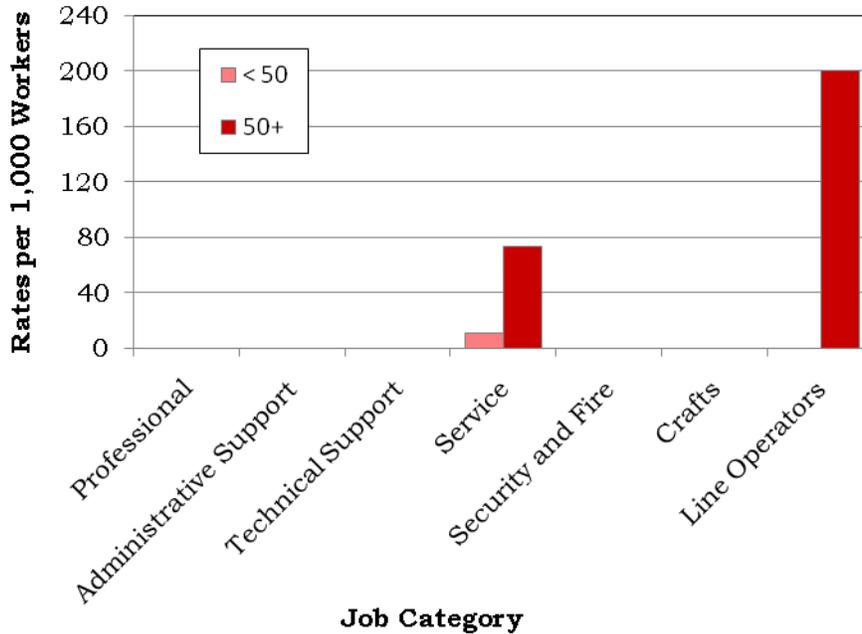
Diagnostic Category	Gender	
	Women	Men
Nervous System	0	1
Injury	5	26
Fractures - Lower Limb	0	1
Back Sprains & Strains	0	2
Other Sprains & Strains	3	9
Open Wounds - Head, Neck, Trunk	0	3
Open Wounds - Upper Limb	1	4
Open Wounds - Lower Limb	0	2
Superficial Injuries	0	3
Bruises	1	1
Burns	0	1

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

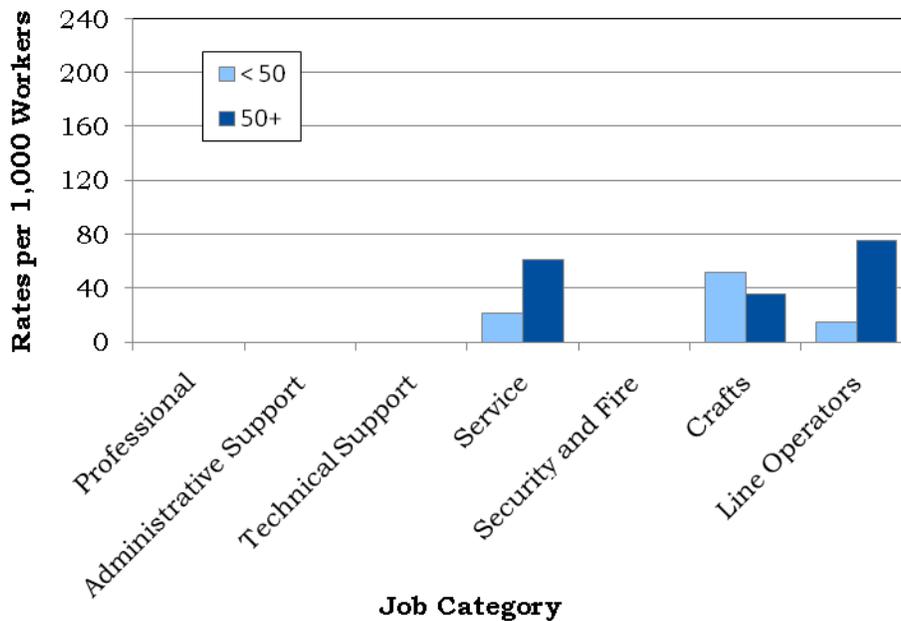
Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Natural/Environmental Factors	0	2
Other Accidents	0	5
Struck by an Object	0	1
Cutting/Piercing Instrument/Object	0	3
Hot, Corrosive, or Caustic Material/Steam	0	1
Total	0	7

**Rates of OSHA-Recordable Events**

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

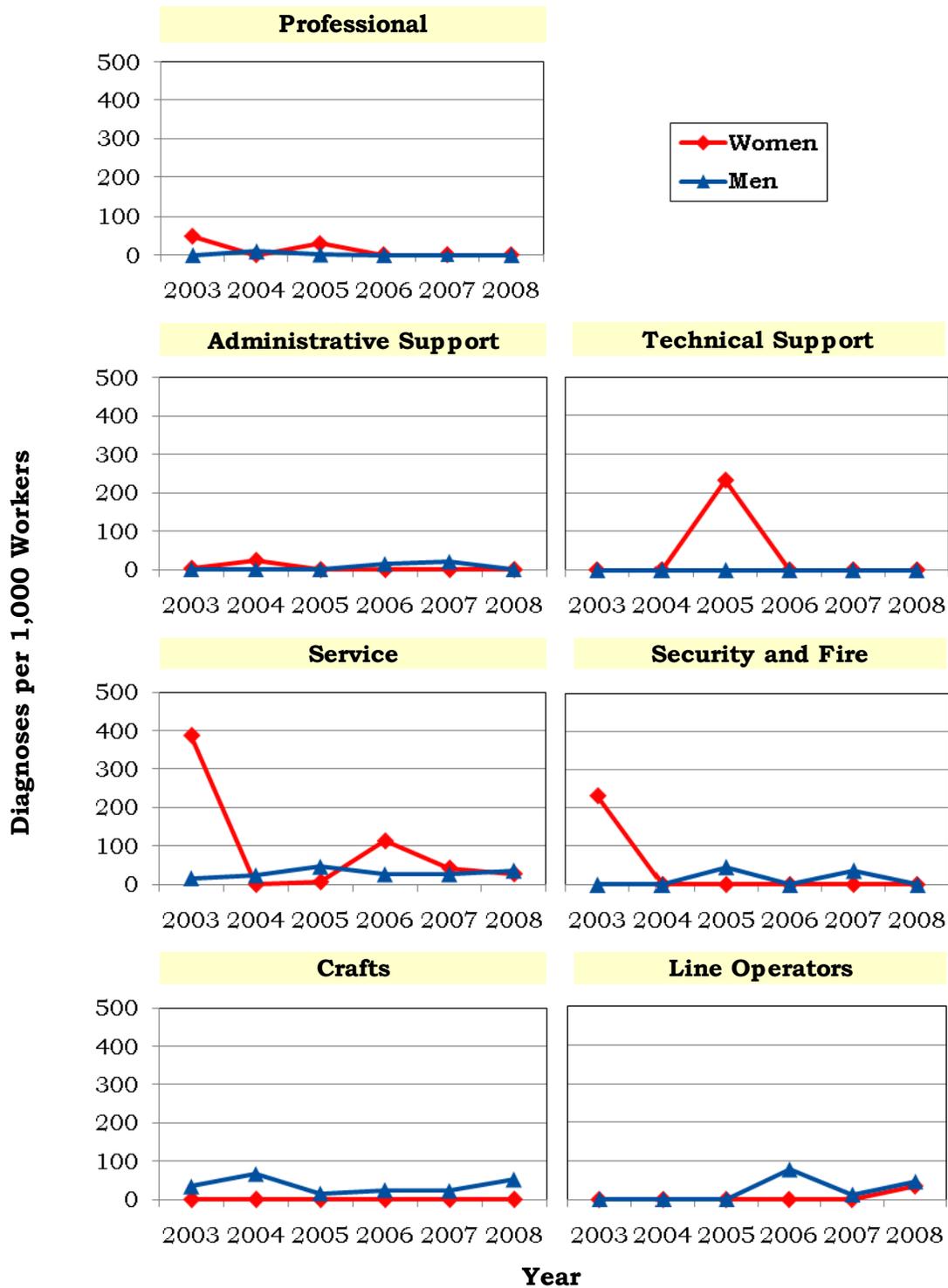


**Figure 23. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined**



**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 2008\***



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

**Appendices**

# East Tennessee Technology Park 2008

## 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	5	49	51	108	13	20	105	251	389	497
Administrative Support	2	11	31	70	114	7	6	7	19	39	153
Technical Support	0	1	4	2	7	0	2	3	3	8	15
Service	18	24	47	41	130	100	81	87	99	367	497
Security and Fire	0	1	0	1	2	2	3	6	10	21	23
Crafts	3	2	1	2	8	44	30	60	83	217	225
Line Operators	0	0	3	5	8	15	24	29	53	121	129
<b>TOTAL</b>	26	44	135	172	377	181	166	297	518	1,162	1,539

### 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

## East Tennessee Technology Park 2008

### 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	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	1	5	4	10	0	1	5	15	21	31
Administrative Support	0	1	12	13	0	1	0	0	1	14
Technical Support	0	2	0	2	0	0	0	1	1	3
Service	0	3	0	3	1	3	2	10	16	19
Security and Fire	0	0	0	0	0	1	3	0	4	4
Crafts	0	1	0	1	0	0	2	11	13	14
Line Operators	0	0	0	0	0	0	1	5	6	6
<b>TOTAL</b>	1	12	16	29	1	6	13	42	62	91

\*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	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	1	5	4	10	0	1	5	17	23	33
Administrative Support	0	1	14	15	0	1	0	0	1	16
Technical Support	0	2	0	2	0	0	0	1	1	3
Service	0	4	0	4	1	3	3	11	18	22
Security and Fire	0	0	0	0	0	1	3	0	4	4
Crafts	0	1	0	1	0	0	2	11	13	14
Line Operators	0	0	0	0	0	0	1	5	6	6
<b>TOTAL</b>	1	13	18	32	1	6	14	45	66	98

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

# East Tennessee Technology Park 2008

## 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	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
< 15	0	2	3	5	0	2	6	15	23	28
15 - 28	0	5	5	10	0	1	2	14	17	27
29 - 42	0	1	4	5	1	1	1	3	6	11
43 - 56	0	1	0	1	0	1	1	0	2	3
57 - 91	0	3	1	4	0	0	2	6	8	12
92 - 182	1	1	3	5	0	1	2	7	10	15
183 +	0	0	2	2	0	0	0	0	0	2
<b>TOTAL</b>	1	13	18	32	1	6	14	45	66	98

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

# East Tennessee Technology Park 2008

## 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	0	3	0	2	0	0	0	5
15 - 28	5	4	1	0	0	0	0	10
29 - 42	2	3	0	0	0	0	0	5
43 - 56	0	0	0	1	0	0	0	1
57 - 91	1	1	1	0	0	1	0	4
92 - 182	1	3	0	1	0	0	0	5
183 +	1	1	0	0	0	0	0	2
<b>TOTAL</b>	10	15	2	4	0	1	0	32

#### Men

Number of Calendar Days	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
< 15	8	0	1	5	2	5	2	23
15 - 28	7	0	0	5	1	3	1	17
29 - 42	2	0	0	3	0	0	1	6
43 - 56	1	1	0	0	0	0	0	2
57 - 91	4	0	0	3	0	1	0	8
92 - 182	1	0	0	2	1	4	2	10
183 +	0	0	0	0	0	0	0	0
<b>TOTAL</b>	23	1	1	18	4	13	6	66

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

# East Tennessee Technology Park 2008

## Absence Data

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

		Women			
		Age Group			TOTAL
		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	0
-Other Bacterial Dis	030-041	0	0	0	0
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	0	0	0	0
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Lymphatic & Hematopoietic	200-208	0	0	0	0
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	0	0	1	1
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	0	3	3
-Other Endocrine Gland Dis	250-259	0	0	1	1
-Other Metabolic & Immunity Disorders	270-279	0	0	2	2
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	1	4	5
-Non-Psychotic Disorders	300-302, 306-316	0	1	4	5
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	1	2	3
-Disorders of Peripheral NS	350-359	0	1	1	2
-Disorders of Eye	360-379	0	0	1	1
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	0	1	3	4
-Hypertensive Dis	401-405	0	1	0	1
-Ischemic Heart Dis	410-414	0	0	1	1
-Dis of Pulmonary Circulation	415-417	0	0	0	0
-Other Heart Dis	420-429	0	0	0	0
-Cerebrovascular Dis	430-438	0	0	1	1
-Dis of Arteries & Capillaries	440-448	0	0	1	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	0
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	0	2	1	3
-Acute Respiratory Infections	460-466	0	1	0	1
-Other Dis Upper Respiratory Tract	470-478	0	1	0	1
-Pneumonia & Influenza	480-487	0	0	1	1
-Chronic Obstructive Dis	490-496	0	0	0	0
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	0	4	4
-Esophagus, Stomach, Duodenum	530-537	0	0	1	1
-Hernia	550-553	0	0	1	1
-Other Intestinal Dis	560-569	0	0	0	0
-Other Digestive Dis	570-579	0	0	2	2
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	0	3	3	6
-Other Urinary Dis	590-599	0	0	1	1
-Other Female Disorders	617-629	0	3	2	5

(Continued)

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

# East Tennessee Technology Park 2008

## 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	1
-Other Bacterial Dis	030-041	0	0	0	1	1	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	0	0	1	3	4	4
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	1	1	1
-Genitourinary	179-189	0	0	0	2	2	2
-Lymphatic & Hematopoietic	200-208	0	0	1	0	1	1
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	0	0	0	0	0	1
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	0	1	0	1	4
-Other Endocrine Gland Dis	250-259	0	0	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	0	0	1	0	1	3
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	0	0	0	0	5
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	0	0	5
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	1	0	4	5	8
-Disorders of Peripheral NS	350-359	0	0	0	3	3	5
-Disorders of Eye	360-379	0	1	0	1	2	3
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	0	0	0	7	7	11
-Hypertensive Dis	401-405	0	0	0	0	0	1
-Ischemic Heart Dis	410-414	0	0	0	3	3	4
-Dis of Pulmonary Circulation	415-417	0	0	0	1	1	1
-Other Heart Dis	420-429	0	0	0	1	1	1
-Cerebrovascular Dis	430-438	0	0	0	0	0	1
-Dis of Arteries & Capillaries	440-448	0	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	2	2	2
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	0	3	3	7	13	16
-Acute Respiratory Infections	460-466	0	0	2	0	2	3
-Other Dis Upper Respiratory Tract	470-478	0	1	0	3	4	5
-Pneumonia & Influenza	480-487	0	2	1	3	6	7
-Chronic Obstructive Dis	490-496	0	0	0	1	1	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	0	0	5	5	10	14
-Esophagus, Stomach, Duodenum	530-537	0	0	0	2	2	3
-Hernia	550-553	0	0	1	1	2	3
-Other Intestinal Dis	560-569	0	0	2	2	4	4
-Other Digestive Dis	570-579	0	0	2	0	2	4
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	0	0	0	1	1	7
-Other Urinary Dis	590-599	0	0	0	1	1	2
-Other Female Disorders	617-629	0	0	0	0	0	5

(Continued)

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

# East Tennessee Technology Park 2008

## Absence Data

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

		Women			
		Age Group			TOTAL
		30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code				
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	6	4	11
-Arthropathies	710-719	0	0	3	3
-Dorsopathies	720-724	1	0	0	1
-Rheumatism, Excluding Back	725-729	0	3	1	4
-Other Dis & Acquired Deformities	730-739	0	3	0	3
CONGENITAL ANOMALIES	740-759	0	0	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	1	3	4
-Symptoms	780-789	0	1	3	4
INJURY & POISONING	800-999	0	3	1	4
-Fracture - Upper Limb	810-819	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0
-Dislocation	830-839	0	2	1	3
-Sprains & Strains - Back	846-847	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	1	0	1
-Open Wound - Upper Limb	880-887	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	0	0
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	0	0	0
-Examination & Investigation	V70-V82	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 2008

## 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						
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	3	5	16	24	35
-Arthropathies	710-719	0	1	2	10	13	16
-Dorsopathies	720-724	0	0	1	4	5	6
-Rheumatism, Excluding Back	725-729	0	2	1	2	5	9
-Other Dis & Acquired Deformities	730-739	0	0	1	0	1	4
CONGENITAL ANOMALIES	740-759	0	1	0	1	2	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	1	5	6	10
-Symptoms	780-789	0	0	1	5	6	10
INJURY & POISONING	800-999	1	0	5	10	16	20
-Fracture - Upper Limb	810-819	1	0	0	0	1	1
-Fracture - Lower Limb	820-829	0	0	1	0	1	1
-Dislocation	830-839	0	0	0	4	4	7
-Sprains & Strains - Back	846-847	0	0	0	1	1	1
-Sprains & Strains - Other	840-845, 848	0	0	0	3	3	4
-Open Wound - Upper Limb	880-887	0	0	1	1	2	2
-Complications & Unspecified Injuries	958-959	0	0	1	1	2	2
-Unspecified Effects - External Causes	990-995	0	0	2	0	2	2
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	1	0	1	2	2
-Examination & Investigation	V70-V82	0	1	0	1	2	2

	Women				Men					TOTAL
	Age Group			TOTAL	Age Group				TOTAL	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category										
Total	1	18	29	48	1	9	21	61	92	140

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

## East Tennessee Technology Park 2008

### Absence Data

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

		Women			
		Age Group			TOTAL
		30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	0
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	13	13
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	391	391
MENTAL DISORDERS	290-319	0	110	205	315
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	19	66	85
CIRCULATORY SYSTEM	390-459	0	5	11	16
RESPIRATORY SYSTEM	460-519	0	25	5	30
DIGESTIVE SYSTEM	520-579	0	0	98	98
GENITOURINARY SYSTEM	580-629	0	80	92	172
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	136	306	630	1,072
CONGENITAL ANOMALIES	740-759	0	0	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	5	55	60
INJURY & POISONING	800-999	0	66	97	163

		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	23	23	23
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	179	149	328	328
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	0	0	13
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	17	0	17	408
MENTAL DISORDERS	290-319	0	0	0	0	0	315
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	19	0	249	268	353
CIRCULATORY SYSTEM	390-459	0	0	0	695	695	711
RESPIRATORY SYSTEM	460-519	0	3	21	40	64	94
DIGESTIVE SYSTEM	520-579	0	0	39	33	72	170
GENITOURINARY SYSTEM	580-629	0	0	0	14	14	186
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	178	221	769	1,168	2,240
CONGENITAL ANOMALIES	740-759	0	46	0	25	71	71
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	166	243	409	469
INJURY & POISONING	800-999	31	0	247	297	575	738

\*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 2008

## Absence Data

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

		Women				
		Job Category				
		Professional	Administrative Support	Technical Support	Service	Crafts
Diagnostic Category	ICD-9-CM Code					
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	0	1	0	0	0
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	2	1	0	0	0
-Other Endocrine Gland Dis	250-259	0	1	0	0	0
-Other Metabolic & Immunity Disorders	270-279	2	0	0	0	0
<b>MENTAL DISORDERS</b>	<b>290-319</b>	1	3	0	1	0
-Non-Psychotic Disorders	300-302, 306-316	1	3	0	1	0
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	3	0	0	0
-Disorders of Peripheral NS	350-359	0	2	0	0	0
-Disorders of Eye	360-379	0	1	0	0	0
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	0	3	0	1	0
-Hypertensive Dis	401-405	0	0	0	1	0
-Ischemic Heart Dis	410-414	0	1	0	0	0
-Cerebrovascular Dis	430-438	0	1	0	0	0
-Dis of Arteries & Capillaries	440-448	0	1	0	0	0
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	1	1	0	1	0
-Acute Respiratory Infections	460-466	0	0	0	1	0
-Other Dis Upper Respiratory Tract	470-478	1	0	0	0	0
-Pneumonia & Influenza	480-487	0	1	0	0	0
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	2	2	0	0	0
-Esophagus, Stomach, Duodenum	530-537	1	0	0	0	0
-Hernia	550-553	0	1	0	0	0
-Other Digestive Dis	570-579	1	1	0	0	0
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	2	3	0	1	0
-Other Urinary Dis	590-599	0	1	0	0	0
-Other Female Disorders	617-629	2	2	0	1	0
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	5	3	2	0	1
-Arthropathies	710-719	0	3	0	0	0
-Dorsopathies	720-724	1	0	0	0	0
-Rheumatism, Excluding Back	725-729	2	0	1	0	1
-Other Dis & Acquired Deformities	730-739	2	0	1	0	0
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	2	1	0	1	0
-Symptoms	780-789	2	1	0	1	0
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	1	1	2	0	0
-Dislocation	830-839	0	1	2	0	0
-Sprains & Strains - Other	840-845, 848	1	0	0	0	0

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

## East Tennessee Technology Park 2008

### Absence Data

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

		Women
		TOTAL
Diagnostic Category	ICD-9-CM Code	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	3
-Other Endocrine Gland Dis	250-259	1
-Other Metabolic & Immunity Disorders	270-279	2
MENTAL DISORDERS	290-319	5
-Non-Psychotic Disorders	300-302, 306-316	5
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	3
-Disorders of Peripheral NS	350-359	2
-Disorders of Eye	360-379	1
CIRCULATORY SYSTEM	390-459	4
-Hypertensive Dis	401-405	1
-Ischemic Heart Dis	410-414	1
-Cerebrovascular Dis	430-438	1
-Dis of Arteries & Capillaries	440-448	1
RESPIRATORY SYSTEM	460-519	3
-Acute Respiratory Infections	460-466	1
-Other Dis Upper Respiratory Tract	470-478	1
-Pneumonia & Influenza	480-487	1
DIGESTIVE SYSTEM	520-579	4
-Esophagus, Stomach, Duodenum	530-537	1
-Hernia	550-553	1
-Other Digestive Dis	570-579	2
GENTOURINARY SYSTEM	580-629	6
-Other Urinary Dis	590-599	1
-Other Female Disorders	617-629	5
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	11
-Arthropathies	710-719	3
-Dorsopathies	720-724	1
-Rheumatism, Excluding Back	725-729	4
-Other Dis & Acquired Deformities	730-739	3
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	4
-Symptoms	780-789	4
INJURY & POISONING	800-999	4
-Dislocation	830-839	3
-Sprains & Strains - Other	840-845, 848	1

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

**East Tennessee Technology Park 2008**

**Absence Data**

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

	Women					
	Job Category					TOTAL
	Professional	Administrative Support	Technical Support	Service	Crafts	
<b>Diagnostic Category</b>						
<b>Total</b>	16	22	4	5	1	48

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

# East Tennessee Technology Park 2008

## 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
-Other Bacterial Dis	030-041	1	0	0	0
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	1	0	0	1
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0
-Genitourinary	179-189	1	0	0	1
-Lymphatic & Hematopoietic	200-208	0	0	0	0
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	0	0	0
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	0	0	3
-Disorders of Peripheral NS	350-359	0	0	0	2
-Disorders of Eye	360-379	0	0	0	1
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	2	0	0	2
-Ischemic Heart Dis	410-414	2	0	0	1
-Dis of Pulmonary Circulation	415-417	0	0	0	0
-Other Heart Dis	420-429	0	0	0	0
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	1
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	5	0	0	1
-Acute Respiratory Infections	460-466	0	0	0	0
-Other Dis Upper Respiratory Tract	470-478	3	0	0	0
-Pneumonia & Influenza	480-487	2	0	0	0
-Chronic Obstructive Dis	490-496	0	0	0	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	5	0	0	1
-Esophagus, Stomach, Duodenum	530-537	1	0	0	0
-Hernia	550-553	2	0	0	0
-Other Intestinal Dis	560-569	1	0	0	0
-Other Digestive Dis	570-579	1	0	0	1
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	0	0	0	0
-Other Urinary Dis	590-599	0	0	0	0
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	12	0	2	5
-Arthropathies	710-719	7	0	0	3
-Dorsopathies	720-724	2	0	1	1
-Rheumatism, Excluding Back	725-729	2	0	1	1
-Other Dis & Acquired Deformities	730-739	1	0	0	0
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	1	1	0	0
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	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 2008

## 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
-Other Bacterial Dis	030-041	0	0	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	1	1	0	4
-Lip, Oral Cavity, Pharynx	140-149	0	1	0	1
-Genitourinary	179-189	0	0	0	2
-Lymphatic & Hematopoietic	200-208	1	0	0	1
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	0	1	0	1
-Other Metabolic & Immunity Disorders	270-279	0	1	0	1
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	1	1	5
-Disorders of Peripheral NS	350-359	0	0	1	3
-Disorders of Eye	360-379	0	1	0	2
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	0	2	1	7
-Ischemic Heart Dis	410-414	0	0	0	3
-Dis of Pulmonary Circulation	415-417	0	0	1	1
-Other Heart Dis	420-429	0	1	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	1	0	2
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	4	1	2	13
-Acute Respiratory Infections	460-466	0	0	2	2
-Other Dis Upper Respiratory Tract	470-478	1	0	0	4
-Pneumonia & Influenza	480-487	3	1	0	6
-Chronic Obstructive Dis	490-496	0	0	0	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	2	0	2	10
-Esophagus, Stomach, Duodenum	530-537	0	0	1	2
-Hernia	550-553	0	0	0	2
-Other Intestinal Dis	560-569	2	0	1	4
-Other Digestive Dis	570-579	0	0	0	2
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	0	1	0	1
-Other Urinary Dis	590-599	0	1	0	1
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	0	4	1	24
-Arthropathies	710-719	0	2	1	13
-Dorsopathies	720-724	0	1	0	5
-Rheumatism, Excluding Back	725-729	0	1	0	5
-Other Dis & Acquired Deformities	730-739	0	0	0	1
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	0	0	0	2
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	0	2	1	6

(Continued)

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

## East Tennessee Technology Park 2008

### 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				
-Symptoms	780-789	1	0	0	2
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	7	0	0	4
-Fracture - Upper Limb	810-819	0	0	0	1
-Fracture - Lower Limb	820-829	1	0	0	0
-Dislocation	830-839	2	0	0	1
-Sprains & Strains - Back	846-847	0	0	0	1
-Sprains & Strains - Other	840-845, 848	0	0	0	0
-Open Wound - Upper Limb	880-887	2	0	0	0
-Complications & Unspecified Injuries	958-959	2	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	0	1
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V82</b>	0	0	0	0
-Examination & Investigation	V70-V82	0	0	0	0

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

# East Tennessee Technology Park 2008

## 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				
-Symptoms	780-789	0	2	1	6
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	0	2	3	16
-Fracture - Upper Limb	810-819	0	0	0	1
-Fracture - Lower Limb	820-829	0	0	0	1
-Dislocation	830-839	0	1	0	4
-Sprains & Strains - Back	846-847	0	0	0	1
-Sprains & Strains - Other	840-845, 848	0	0	3	3
-Open Wound - Upper Limb	880-887	0	0	0	2
-Complications & Unspecified Injuries	958-959	0	0	0	2
-Unspecified Effects - External Causes	990-995	0	1	0	2
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V82</b>	0	0	2	2
-Examination & Investigation	V70-V82	0	0	2	2

	Men							TOTAL
	Job Category							
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category								
<b>Total</b>	35	1	2	19	7	15	13	92

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

# East Tennessee Technology Park 2008

## 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	Service	Crafts
Diagnostic Category	ICD-9-CM Code					
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	13	0	0	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	385	6	0	0	0
MENTAL DISORDERS	290-319	18	187	0	110	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	85	0	0	0
CIRCULATORY SYSTEM	390-459	0	11	0	5	0
RESPIRATORY SYSTEM	460-519	16	5	0	9	0
DIGESTIVE SYSTEM	520-579	55	43	0	0	0
GENTOURINARY SYSTEM	580-629	26	92	0	54	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	652	245	86	0	89
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	18	37	0	5	0
INJURY & POISONING	800-999	38	97	28	0	0

		Women
		TOTAL
Diagnostic Category	ICD-9-CM Code	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	13
ENDOCRINE/METABOLIC/IMMUNITY	240-279	391
MENTAL DISORDERS	290-319	315
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	85
CIRCULATORY SYSTEM	390-459	16
RESPIRATORY SYSTEM	460-519	30
DIGESTIVE SYSTEM	520-579	98
GENTOURINARY SYSTEM	580-629	172
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1,072
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	60
INJURY & POISONING	800-999	163

\*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 2008

### 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	23	0	0	0
MALIGNANT NEOPLASMS	140-208, 230-234	66	0	0	69
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	69
CIRCULATORY SYSTEM	390-459	146	0	0	191
RESPIRATORY SYSTEM	460-519	32	0	0	1
DIGESTIVE SYSTEM	520-579	41	0	0	12
GENITOURINARY SYSTEM	580-629	0	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	373	0	6	361
CONGENITAL ANOMALIES	740-759	25	46	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	28	0	0	37
INJURY & POISONING	800-999	149	0	0	137

		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	23
MALIGNANT NEOPLASMS	140-208, 230-234	179	14	0	328
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	17	0	17
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	178	21	268
CIRCULATORY SYSTEM	390-459	0	192	166	695
RESPIRATORY SYSTEM	460-519	14	7	10	64
DIGESTIVE SYSTEM	520-579	15	0	4	72
GENITOURINARY SYSTEM	580-629	0	14	0	14
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	284	144	1,168
CONGENITAL ANOMALIES	740-759	0	0	0	71
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	178	166	409
INJURY & POISONING	800-999	0	229	60	575

\*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 2008

## 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	0.8	0.1	5.4
-Other Bacterial Dis	030-041	1	0.8	0.1	5.4
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	4	2.7	1.0	7.4
-Lip, Oral Cavity, Pharynx	140-149	1	0.8	0.1	5.4
-Genitourinary	179-189	2	1.2	0.3	5.0
-Lymphatic & Hematopoietic	200-208	1	0.8	0.1	5.5
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	1	0.8	0.1	5.5
-Other Metabolic & Immunity Disorders	270-279	1	0.8	0.1	5.5
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	5	4.1	1.6	10.6
-Disorders of Peripheral NS	350-359	3	2.0	0.6	6.3
-Disorders of Eye	360-379	2	2.2	0.5	9.3
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	7	3.7	1.7	8.0
-Ischemic Heart Dis	410-414	3	1.6	0.5	5.3
-Dis of Pulmonary Circulation	415-417	1	0.4	0.1	3.1
-Other Heart Dis	420-429	1	0.8	0.1	5.4
-Dis of Veins, Lymphatics, Other	451-459	2	0.9	0.2	3.5
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	13	10.0	5.4	18.4
-Acute Respiratory Infections	460-466	2	1.6	0.4	6.2
-Other Dis Upper Respiratory Tract	470-478	4	2.7	0.9	8.7
-Pneumonia & Influenza	480-487	6	5.3	2.2	12.8
-Chronic Obstructive Dis	490-496	1	0.4	0.1	3.1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	10	6.4	3.4	12.1
-Esophagus, Stomach, Duodenum	530-537	2	0.9	0.2	3.5
-Hernia	550-553	2	1.5	0.4	6.1
-Other Intestinal Dis	560-569	4	2.4	0.9	6.7
-Other Digestive Dis	570-579	2	1.6	0.4	6.2
<b>GENTOURINARY SYSTEM</b>	<b>580-629</b>	1	0.8	0.1	5.4
-Other Urinary Dis	590-599	1	0.8	0.1	5.4
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	24	16.8	10.8	26.1
-Arthropathies	710-719	13	8.3	4.6	15.1
-Dorsopathies	720-724	5	3.2	1.3	7.8
-Rheumatism, Excluding Back	725-729	5	4.5	1.7	12.0
-Other Dis & Acquired Deformities	730-739	1	0.8	0.1	5.5
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	2	1.9	0.4	9.0

(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 2008

### 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>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	6	3.0	1.3	6.8
-Symptoms	780-789	6	3.0	1.3	6.8
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	16	10.3	6.1	17.5
-Fracture - Upper Limb	810-819	1	1.4	0.2	10.2
-Fracture - Lower Limb	820-829	1	0.8	0.1	5.5
-Dislocation	830-839	4	2.1	0.8	5.7
-Sprains & Strains - Back	846-847	1	0.4	0.1	3.1
-Sprains & Strains - Other	840-845, 848	3	1.3	0.4	4.1
-Open Wound - Head, Neck, Trunk	870-879	2	1.5	0.4	6.1
-Complications & Unspecified Injuries	958-959	2	1.2	0.3	5.1
-Unspecified Effects - External Causes	990-995	2	1.6	0.4	6.2
<b>Total</b>		90	61.3	48.9	76.8

\*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 2008

## 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>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	1	1.2	0.2	8.6
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	3	9.0	2.6	30.7
-Other Endocrine Gland Dis	250-259	1	1.2	0.2	8.6
-Other Metabolic & Immunity Disorders	270-279	2	7.8	1.9	31.1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	5	6.6	2.7	15.9
-Non-Psychotic Disorders	300-302, 306-316	5	6.6	2.7	15.9
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	3	4.1	1.3	13.1
-Disorders of Peripheral NS	350-359	2	2.9	0.7	12.0
-Disorders of Eye	360-379	1	1.2	0.2	8.6
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	4	8.0	2.6	24.6
-Hypertensive Dis	401-405	1	1.7	0.2	12.2
-Ischemic Heart Dis	410-414	1	3.9	0.5	27.6
-Cerebrovascular Dis	430-438	1	1.2	0.2	8.6
-Dis of Arteries & Capillaries	440-448	1	1.2	0.2	8.6
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	3	7.3	2.1	25.0
-Acute Respiratory Infections	460-466	1	1.7	0.2	12.2
-Other Dis Upper Respiratory Tract	470-478	1	1.7	0.2	12.2
-Pneumonia & Influenza	480-487	1	3.9	0.5	27.6
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	4	4.8	1.8	12.9
-Esophagus, Stomach, Duodenum	530-537	1	1.2	0.2	8.6
-Hernia	550-553	1	1.2	0.2	8.6
-Other Digestive Dis	570-579	2	2.4	0.6	9.7
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	6	8.8	3.9	19.8
-Other Urinary Dis	590-599	1	1.2	0.2	8.6
-Other Female Disorders	617-629	5	7.6	3.1	18.4
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	11	25.8	13.1	50.7
-Arthropathies	710-719	3	6.3	1.7	23.6
-Dorsopathies	720-724	1	5.3	0.7	37.6
-Rheumatism, Excluding Back	725-729	4	9.0	3.1	26.1
-Other Dis & Acquired Deformities	730-739	3	5.2	1.7	16.0
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	4	5.4	2.0	14.5
-Symptoms	780-789	4	5.4	2.0	14.5
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	4	6.4	2.4	17.1
-Dislocation	830-839	3	4.7	1.5	14.6

(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 2008

## 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				
-Sprains & Strains - Other	840-845, 848	1	1.7	0.2	12.2
<b>Total</b>		48	87.4	63.4	120.5

\*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 2008

## 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>	1	0.7	0.1	4.7
-Other Bacterial Dis	030-041	1	0.7	0.1	4.7
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	4	2.2	0.8	6.0
-Lip, Oral Cavity, Pharynx	140-149	1	0.7	0.1	4.7
-Genitourinary	179-189	2	1.0	0.2	4.3
-Lymphatic & Hematopoietic	200-208	1	0.5	0.1	3.8
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	1	0.3	0.0	2.3
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	4	2.2	0.8	6.0
-Other Endocrine Gland Dis	250-259	1	0.3	0.0	2.3
-Other Metabolic & Immunity Disorders	270-279	3	1.9	0.6	5.8
<b>MENTAL DISORDERS</b>	<b>290-319</b>	5	1.8	0.7	4.5
-Non-Psychotic Disorders	300-302, 306-316	5	1.8	0.7	4.5
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	8	4.6	2.2	9.8
-Disorders of Peripheral NS	350-359	5	2.5	1.0	6.3
-Disorders of Eye	360-379	3	2.1	0.6	7.3
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	11	4.8	2.6	8.9
-Hypertensive Dis	401-405	1	0.5	0.1	3.8
-Ischemic Heart Dis	410-414	4	2.0	0.7	5.5
-Dis of Pulmonary Circulation	415-417	1	0.3	0.0	2.3
-Other Heart Dis	420-429	1	0.7	0.1	4.7
-Cerebrovascular Dis	430-438	1	0.3	0.0	2.3
-Dis of Arteries & Capillaries	440-448	1	0.3	0.0	2.3
-Dis of Veins, Lymphatics, Other	451-459	2	0.6	0.2	2.6
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	16	9.3	5.4	16.1
-Acute Respiratory Infections	460-466	3	1.6	0.5	5.0
-Other Dis Upper Respiratory Tract	470-478	5	2.6	1.0	7.3
-Pneumonia & Influenza	480-487	7	4.7	2.1	10.7
-Chronic Obstructive Dis	490-496	1	0.3	0.0	2.3
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	14	5.9	3.4	10.2
-Esophagus, Stomach, Duodenum	530-537	3	1.0	0.3	3.0
-Hernia	550-553	3	1.5	0.5	4.9
-Other Intestinal Dis	560-569	4	1.7	0.6	4.7
-Other Digestive Dis	570-579	4	1.7	0.6	4.7
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	7	3.2	1.5	7.0
-Other Urinary Dis	590-599	2	1.0	0.2	4.3

(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 2008

### 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 Female Disorders	617-629	5	2.3	0.9	5.5
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	35	19.2	13.4	27.6
-Arthropathies	710-719	16	7.7	4.5	13.3
-Dorsopathies	720-724	6	3.6	1.5	8.7
-Rheumatism, Excluding Back	725-729	9	5.7	2.8	11.6
-Other Dis & Acquired Deformities	730-739	4	2.1	0.8	5.7
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	2	1.4	0.3	7.0
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	10	3.7	1.9	6.9
-Symptoms	780-789	10	3.7	1.9	6.9
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	20	9.7	6.1	15.7
-Fracture - Upper Limb	810-819	1	1.2	0.2	8.7
-Fracture - Lower Limb	820-829	1	0.5	0.1	3.8
-Dislocation	830-839	7	3.0	1.4	6.6
-Sprains & Strains - Back	846-847	1	0.3	0.0	2.3
-Sprains & Strains - Other	840-845, 848	4	1.5	0.5	4.1
-Open Wound - Head, Neck, Trunk	870-879	2	1.2	0.3	4.8
-Complications & Unspecified Injuries	958-959	2	0.9	0.2	3.6
-Unspecified Effects - External Causes	990-995	2	1.1	0.3	4.3
<b>Total</b>		138	69.1	57.6	82.9

\*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 2008**  
**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	
	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Service	1	3	4	2	0	4	6	12	16
Crafts	0	0	0	0	4	3	3	10	10
Line Operators	0	1	1	0	0	1	4	5	6
<b>TOTAL</b>	1	4	5	2	4	8	13	27	32

\*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	0	0	2	0	0
30 - 39	0	0	0	4	34	15	4	34	15
40 - 49	1	47	0	8	111	0	9	158	0
50 +	4	18	0	13	64	316	17	82	316
<b>TOTAL</b>	5	65	0	27	209	331	32	274	331

**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	4	50	0	12	113	43	16	163	43
Crafts	0	0	0	10	90	15	10	90	15
Line Operators	1	15	0	5	6	273	6	21	273
<b>TOTAL</b>	5	65	0	27	209	331	32	274	331

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

# East Tennessee Technology Park 2008

## OSHA Data

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

		Women		
		Age Group		TOTAL
		40 - 49	50 +	
Diagnostic Category	ICD-9-CM code			
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0
-Dis of Ear & Mastoid	380-389	0	0	0
INJURY & POISONING	800-999	1	4	5
-Fracture - Lower Limb	820-829	0	0	0
-Sprains & Strains - Back	846-847	0	0	0
-Sprains & Strains - Other	840-845, 848	1	2	3
-Open Wound - Head, Neck, Trunk	870-879	0	0	0
-Open Wound - Upper Limb	880-887	0	1	1
-Open Wound - Lower Limb	890-897	0	0	0
-Superficial Injury	910-919	0	0	0
-Contusion	920-924	0	1	1
-Burns	940-949	0	0	0

		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	0	1	1	1
-Dis of Ear & Mastoid	380-389	0	0	0	1	1	1
INJURY & POISONING	800-999	2	4	8	12	26	31
-Fracture - Lower Limb	820-829	0	0	0	1	1	1
-Sprains & Strains - Back	846-847	0	0	0	2	2	2
-Sprains & Strains - Other	840-845, 848	0	1	4	4	9	12
-Open Wound - Head, Neck, Trunk	870-879	1	0	1	1	3	3
-Open Wound - Upper Limb	880-887	0	1	1	2	4	5
-Open Wound - Lower Limb	890-897	0	0	1	1	2	2
-Superficial Injury	910-919	0	1	1	1	3	3
-Contusion	920-924	0	1	0	0	1	2
-Burns	940-949	1	0	0	0	1	1

Diagnostic Category	Women			Men					TOTAL
	Age Group		TOTAL	Age Group				TOTAL	
	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Total	1	4	5	2	4	8	13	27	32

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

# East Tennessee Technology Park 2008

## OSHA Data

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

		Women			
		Age Group			
		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes				
-Sprains & Strains - Other	840-845, 848	47	0	15	0
-Open Wound - Upper Limb	880-887	0	0	3	0
-Contusion	920-924	0	0	0	0

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost						
Diagnostic Category	ICD-9-CM Codes								
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	16	141
-Sprains & Strains - Other	840-845, 848	0	0	34	15	108	0	37	132
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	43
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	11	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	3	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0
-Burns	940-949	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 2008**  
**OSHA Data**

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

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Type of Accident	E Codes						
Natural/Environmental Factors	E900-E909	0	1	1	0	2	2
Other Accidents	E916-E928	2	0	1	2	5	5

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

**East Tennessee Technology Park 2008**  
**OSHA Data**

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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost						
Type of Accident	E Codes								
Natural/Environmental Factors	E900-E909	0	0	0	0	3	0	0	0
Other Accidents	E916-E928	0	0	0	0	0	0	0	43

\*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 2008

## OSHA Data

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

		Women		
		Job Category		TOTAL
		Service	Line Operators	
Diagnostic Category	ICD-9-CM Code			
INJURY & POISONING	800-999	4	1	5
-Sprains & Strains - Other	840-845, 848	2	1	3
-Open Wound - Upper Limb	880-887	1	0	1
-Contusion	920-924	1	0	1

	Women		
	Job Category		TOTAL
	Service	Line Operators	
Diagnostic Category			
Total	4	1	5

		Men			
		Job Category			TOTAL
		Service	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code				
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	0	1
-Dis of Ear & Mastoid	380-389	0	1	0	1
INJURY & POISONING	800-999	12	9	5	26
-Fracture - Lower Limb	820-829	0	0	1	1
-Sprains & Strains - Back	846-847	0	1	1	2
-Sprains & Strains - Other	840-845, 848	4	2	3	9
-Open Wound - Head, Neck, Trunk	870-879	2	1	0	3
-Open Wound - Upper Limb	880-887	2	2	0	4
-Open Wound - Lower Limb	890-897	2	0	0	2
-Superficial Injury	910-919	1	2	0	3
-Contusion	920-924	0	1	0	1
-Burns	940-949	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 2008

## OSHA Data

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

	Men			
	Job Category			TOTAL
	Service	Crafts	Line Operators	
Diagnostic Category				
Total	12	10	5	27

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

## East Tennessee Technology Park 2008

### 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		Line Operators	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes				
-Sprains & Strains - Other	840-845, 848	47	0	15	0
-Open Wound - Upper Limb	880-887	3	0	0	0
-Contusion	920-924	0	0	0	0

		Men					
		Job Category					
		Service		Crafts		Line Operators	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	16	0	0	141
-Sprains & Strains - Other	840-845, 848	102	0	71	15	6	132
-Open Wound - Head, Neck, Trunk	870-879	0	43	0	0	0	0
-Open Wound - Upper Limb	880-887	11	0	0	0	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	3	0	0	0
-Contusion	920-924	0	0	0	0	0	0
-Burns	940-949	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/job category combinations with at least one occurrence appear in this table.

## East Tennessee Technology Park 2008

### OSHA Data

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

		Men		
		Job Category		TOTAL
		Service	Crafts	
Type of Accident	E CODES			
Natural/Environmental Factors	E900-E909	0	2	2
Other Accidents	E916-E928	4	1	5

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

**East Tennessee Technology Park 2008**

**OSHA Data**

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

		Men			
		Job Category			
		Service		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes				
Natural/Environmental Factors	E900-E909	0	0	3	0
Other Accidents	E916-E928	0	43	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 2008

## 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>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	1	0.8	0.1	5.4
-Dis of Ear & Mastoid	380-389	1	0.8	0.1	5.4
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	26	21.4	14.0	32.5
-Fracture - Lower Limb	820-829	1	0.8	0.1	5.4
-Sprains & Strains - Back	846-847	2	1.2	0.3	5.0
-Sprains & Strains - Other	840-845, 848	9	6.9	3.5	13.9
-Open Wound - Head, Neck, Trunk	870-879	3	2.7	0.8	9.3
-Open Wound - Upper Limb	880-887	4	3.1	1.0	9.3
-Open Wound - Lower Limb	890-897	2	1.2	0.3	5.1
-Superficial Injury	910-919	3	2.6	0.8	9.2
-Contusion	920-924	1	1.4	0.2	10.2
-Burns	940-949	1	1.4	0.2	10.2
<b>Total</b>		27	22.1	14.7	33.4

\*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 2008

### 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				
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	5	9.2	3.4	25.2
-Sprains & Strains - Other	840-845, 848	3	4.1	1.3	13.1
-Open Wound - Upper Limb	880-887	1	1.2	0.2	8.6
-Contusion	920-924	1	3.9	0.5	27.6
<b>Total</b>		5	9.2	3.4	25.2

\*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 2008

### 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>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	1	0.7	0.1	4.7
-Dis of Ear & Mastoid	380-389	1	0.7	0.1	4.7
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	31	18.6	12.6	27.6
-Fracture - Lower Limb	820-829	1	0.7	0.1	4.7
-Sprains & Strains - Back	846-847	2	1.0	0.2	4.3
-Sprains & Strains - Other	840-845, 848	12	6.4	3.5	11.8
-Open Wound - Head, Neck, Trunk	870-879	3	2.1	0.6	7.6
-Open Wound - Upper Limb	880-887	5	2.6	1.0	7.3
-Open Wound - Lower Limb	890-897	2	0.9	0.2	3.6
-Superficial Injury	910-919	3	2.0	0.6	7.1
-Contusion	920-924	2	1.8	0.4	7.4
-Burns	940-949	1	1.2	0.2	8.7
<b>Total</b>		32	19.3	13.1	28.3

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

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