

**SUPPORTING TABLES**  
**East Tennessee Technology Park 2002**

**Appendix A. Work Force by Gender, Age, and 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 +		
Job Category											
Administrative	5	29	51	39	124	4	1	2	0	7	131
Management	1	3	11	6	21	0	5	42	90	137	158
Professional	7	17	42	25	91	11	13	38	54	116	207
Engineering	0	12	13	11	36	3	25	60	69	157	193
Scientists	0	0	1	2	3	0	3	3	8	14	17
Technicians	0	1	7	3	11	0	3	6	9	18	29
Crafts	0	0	1	0	1	0	0	0	3	3	4
Laborers	0	1	1	2	4	2	12	7	4	25	29
Operators	0	0	0	0	0	0	0	0	5	5	5
JA Jones	0	3	7	17	27	6	11	43	113	173	200
Total	13	66	134	105	318	26	73	201	355	655	973

**Appendix B. Most Common Job Titles in Each Job Category**

<b>ADMINISTRATIVE</b>	PRINCIPAL ENGINEER/PRINC SCIENTIST*
ACCOUNTANT*	PRINCIPAL PROJECT CONTROLS ENGINEER*
ACCOUNTING ASSOCIATE	PROJECT ACCOUNTING MANAGER
ADMINISTRATIVE ASSISTANT	PROJECT CONTROLS MANAGER
ADMINISTRATIVE SECRETARY	PROJECT ENGINEER*
CHF TMKPR	PROJECT FIELD PROCUREMENT MANAGER
CLERK	PROJECT MANAGER
HUMAN RESOURCES REPRESENTATIVE*	PROJECT PROCUREMENT MANAGER
INTERMEDIATE ACCOUNTANT*	PROJECT QUALITY ASSURANCE ENGINEER*
JUNIOR ACCOUNTANT	PROJECT SAFETY & HEALTH SUPERVISOR*
MATERIAL CONTROLLER	PUBLIC RELATIONS SUPERVISOR
OFFICE ASSISTANT	QUALITY ASSURANCE MANAGER PROGRAMS
OFFICE SUMMER/NON-TECHNICAL*	QUALITY ASSURANCE SUPERVISOR*
OFFICE SUMMER/TECHNICAL*	SAFETY SVCS MGR/HEALTH SVCS MGR
PROJECT CONTROLS TECHNICIAN*	SECURITY SUPERVISOR
SECRETARY	SENIOR CONTRACTS ADMINISTRATOR
TECHNICAL SPECIALIST*	SENIOR CONTRACTS/PURCHASES SUPV*
	SENIOR PROJECT CONTROLS ENGINEER*
	SENIOR PROJECT MANAGER
<b>MANAGEMENT</b>	SENIOR SCIENTIST*
ACCOUNTING MANAGER	SENIOR SECTION SUPERVISOR
ACCOUNTING SUPERVISOR	SUPERINTENDENT*
ADMINISTRATIVE SERVICES SUPERVISOR	SUPERVISING CONSTRUCTION ENGINEER*
AREA PUBLIC RELATIONS MANAGER	
AREA/REGIONAL SAFETY/HEALTH SVCS MGR*	<b>PROFESSIONAL</b>
ASSISTANT CRAFT SUPERVISOR	ACCOUNTANT*
ASSISTANT MANAGER PUBLIC RELATIONS	ACCOUNTING SPECIALIST
ASSISTANT PROJECT MANAGER	AREA/REGIONAL SAFETY/HEALTH SVCS MGR*
ASSISTANT SUPERINTENDENT	AUTOMATION SUPPORT ANALYST*
BECHTEL JACOBS COMPANY PRESIDENT	BUYER
CHIEF PLANNING/SCHED ENG	CLAIMS AST
CONSTRUCTION ENGINEER*	COMPUTER PROGRAMMER
CONTRACTS/PURCHASE SUPERVISING SPEC	CONSTRUCTION ENGINEER*
CONTRACTS/PURCHASES MANAGER	CONTRACTS ADMINISTRATOR
CONTRACTS/PURCHASES SUPERVISOR	CONTRACTS/PURCHASES AGENT*
COUNSEL*	CONTRACTS/PURCHASES SPECIALIST
CRAFT SUPERVISOR*	COUNSEL*
ENG SUPV/LAYOUT SUPV/SCI SUPV*	EXECUTIVE ASSISTANT
ENGINEERING SUPERVISOR*	FIELD NURSE
FACILITY ENGINEERING/TECH SVCS MGR	GENERAL BUSINESS RESEARCHER
FACILITY MANAGER	HEALTH PHYSICS REPRESENTATIVE
FACILITY OPERATIONS MANAGER	HEALTH PHYSICS SPEC/IND HYG SPEC*
FINANCIAL ACCOUNTING MANAGER	HUMAN RESOURCES ADMINISTRATOR
GENERAL SUPERINTENDENT	HUMAN RESOURCES REPRESENTATIVE*
HUMAN RESOURCES MANAGER	HUMAN RESOURCES SPECIALIST
IS/AT MANAGER*	INFORMATION MGMT ANALYST
IS/AT SUPERVISOR	INTERMEDIATE ACCOUNTANT*
LABOR RELATIONS REPRESENTATIVE	IS/AT MANAGER*
MANAGER OF CONSTRUCTION	MATERIAL SPECIALIST
MANAGER OF OPERATIONS	MED SERV OFF
MANAGER OF PROJECTS	OFFICE SUMMER/NON-TECHNICAL*
MANAGER PROJECTS SECURITY	OFFICE SUMMER/TECHNICAL*
PRINCIPAL AUDITOR	

\*This job title appears in more than one occupational category.

(Continued)

**Appendix B. Most Common Job Titles in Each Job Category**

PROJECT ADMINISTRATOR	SAFETY/HEALTH REPRESENTATIVE*
PROJECT CONTRACTS/PURCHASES SUPV	SCIENCE SPECIALIST*
PROJECT CONTROLS ENGINEER*	SENIOR CONSTRUCTION ENGINEER
PROJECT HLTH PHYSICIST/PROJ IND HYG*	SENIOR ENGINEER*
PROJECT OPERATIONS SPECIALIST	SENIOR PROJECT CONTROLS ENGINEER*
PROJECT QUALITY ASSURANCE ENGINEER*	SENIOR QUALITY ASSURANCE ENGINEER
PROJECT/OFFICE SECURITY SUPV/SPEC	SENIOR SAFETY REPRESENTATIVE*
PUBLIC RELATIONS REPRESENTATIVE	SR PRINCIPAL ENG/SR PRINCIPAL SCI
PUBLIC RELATIONS SPECIALIST	SR SCI SPECIALIST/SR ENG SPEC*
SAFETY REPRESENTATIVE	SUPERINTENDENT*
SAFETY SUPERVISOR*	SUPERVISING CONSTRUCTION ENGINEER*
SAFETY/HEALTH REPRESENTATIVE*	SYSTEMS PROGRAMMER/ANALYST*
SECTION SUPERVISOR	
SECURITY SPECIALIST/PROJECTS	<b>SCIENTISTS</b>
SENIOR ACCOUNTANT	ENGINEERING SPECIALIST*
SENIOR BUYER	HLTH PHYS SPEC/IND HYG SPEC*
SENIOR CONTRACTS/PURCHASES SUPV*	PRINCIPAL ENG/PRINCIPAL SCIENTIST*
SENIOR ENGINEER*	PROJ HLTH PHYSICIST/PROJ IND HYG*
SENIOR INDUSTRIAL HYGIENE REP	SCIENCE SPECIALIST*
SENIOR MATERIAL CONTROLLER	SCIENTIST
SENIOR MATERIAL SPECIALIST	SENIOR GEOLOGIST
SENIOR PRODUCTION SUPPORT SPEC	SENIOR SCIENTIST*
SENIOR PROJECT CONTROLS ENGINEER*	SR SCI SPECIALIST/SR ENG SPEC*
SENIOR PUBLIC RELATIONS SPECIALIST	
SENIOR SAFETY REPRESENTATIVE*	<b>TECHNICIANS</b>
SPECIALTY MANAGER	ASSISTANT TECHNOLOGIST
SR CLASSIFICATION SPECIALIST	AUTOMATION SUPPORT ANALYST*
SR OCCUPATIONAL NURSE SUPV	CONSTRUCTION ASSISTANT*
SUPERINTENDENT*	SAFETY/HEALTH REPRESENTATIVE*
SUPERVISOR/ADMINISTRATIVE SPECT	TECHNICAL SPECIALIST*
SYSTEMS PROGRAMMER/ANALYST*	TECHNOLOGIST
TECHNICAL SPECIALIST*	
TECHNICAL WRITER/EDITOR	<b>CRAFTS</b>
<b>ENGINEERING</b>	BJC CARPENTER
CONSTRUCTION ASSISTANT*	BJC MAINTENANCE MECHANIC
CONSTRUCTION COORDINATOR	ELECTRICIAN
CONSTRUCTION ENGINEER*	<b>LABORERS</b>
CONTRACTS/PURCHASES AGENT*	BJC BUILDING SERVICE WORKER
ENG SUPV/LAYOUT SUPV/SCI SUPV*	BJC FIRE PROTECTION SPECIALIST
ENGINEER	LABORER
ENGINEERING SPECIALIST*	<b>OPERATORS</b>
ENGINEERING SUPERVISOR*	BJC OPERATOR
PRINCIPAL ENGINEER/PRINC SCIENTIST*	NUCLEAR REACTOR CONTROLLER
PRINCIPAL PROJECT CONTROLS ENGINEER*	
PROJECT CONTROLS ENGINEER*	<b>JA JONES</b>
PROJECT ENGINEER*	AST CRAFT SUPV
PROJECT QUALITY ASSURANCE ENGINEER*	AST TECHNOL
PROJECT SAFETY & HEALTH SUPERVISOR*	BUILDING SERVICE WORKER
QUALITY ASSURANCE SUPERVISOR*	CABLE SPLICER
QUALITY SPEC (SUPPLIER QUALITY)	CARPENTER
SAFETY SUPERVISOR*	

\*This job title appears in more than one occupational category.

(Continued)

**Appendix B. Most Common Job Titles in Each Job Category**

CHAUFFEUR	LUBRICATOR
CONST AST*	MAINTENANCE MECHANIC
CONST ENG*	MATERIALS CLERK
CRAFT SUPV*	PAINTER
ELECTRICAL MECHANIC	PROJ CNTRL ENG*
GARAGE MECHANIC	PROJ CNTRL TECH*
GROUNDS SERVICE WORKER	REFRIGERATION MECHANIC
HEAVY EQUIPMENT MECHANIC	SECTY
HEAVY EQUIPMENT OPERATOR	SHEET METAL WORKER
INSTRUMENT MECHANIC	SR CLERK
LAUNDRY WASHER	SR ESH SPEC
LBR REL AST	SUPT*
LINE MECHANIC	TRUCK DRIVER
LOCKSMITH	WELDER

\*This job title appears in more than one occupational category.

East Tennessee Technology Park 2002

**Appendix C. Work Force Demographics**

**Part 1. Percentage of Men in Different Age Groups from 1999 to 2002**

Men	16-29	30-39	40-49	50+
1999	2	15	40	43
2000	1	14	38	47
2001	1	11	34	54
2002	4	11	31	54

**Part 2. Percentage of Women in Different Age Groups from 1999 to 2002**

Women	16-29	30-39	40-49	50+
1999	5	27	44	24
2000	3	23	46	28
2001	3	23	43	31
2002	4	21	42	33

**Part 3. Percentage of Men in Different Job Categories from 1999 to 2002**

Men	Administrative	Management	Professional	Engineering	Scientists	Technicians	Crafts	Laborers	Operators	JA Jones
1999	0	22	11	25	4	5	15	6	12	*
2000	<1	21	12	21	2	3	8	4	11	17
2001	<1	23	16	25	2	3	1	4	1	25
2002	1	21	18	24	2	3	<1	4	1	26

**Part 4. Percentage of Women in Different Job Categories from 1999 to 2002**

Women	Administrative	Management	Professional	Engineering	Scientists	Technicians	Crafts	Laborers	Operators	JA Jones
1999	34	7	23	17	1	7	1	5	5	*
2000	36	8	23	13	1	4	1	3	4	7
2001	39	7	27	11	1	4	<1	1	1	8
2002	39	7	29	11	1	3	<1	1	0	8

\*Data for JA Jones were not available for 1999

East Tennessee Technology Park 2002

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

	Women					Men				Total
	Age Group				Total	Age Group			Total	
	16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Job Category										
Administrative	1	5	9	8	23	0	1	0	1	24
Management	0	0	0	0	0	1	1	7	9	9
Professional	0	2	7	3	12	2	2	1	5	17
Engineering	0	2	1	1	4	0	2	6	8	12
Technicians	0	0	1	1	2	0	1	2	3	5
Crafts	0	0	0	0	0	0	0	1	1	1
Laborers	0	0	1	1	2	4	2	0	6	8
Operators	0	0	0	0	0	0	0	2	2	2
JA Jones	0	0	0	1	1	0	2	9	11	12
Total	1	9	19	15	44	7	11	28	46	90

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

East Tennessee Technology Park 2002

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

	Women					Men				Total
	Age Group				Total	Age Group			Total	
	16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Job Category										
Administrative	1	5	11	10	27	0	1	0	1	28
Management	0	0	0	0	0	1	1	7	9	9
Professional	0	2	8	3	13	3	2	1	6	19
Engineering	0	4	1	2	7	0	2	7	9	16
Technicians	0	0	2	1	3	0	1	2	3	6
Crafts	0	0	0	0	0	0	0	1	1	1
Laborers	0	0	1	2	3	5	2	0	7	10
Operators	0	0	0	0	0	0	0	2	2	2
JA Jones	0	0	0	1	1	0	2	9	11	12
Total	1	11	23	19	54	9	11	29	49	103

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

East Tennessee Technology Park 2002

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

	Women					Men				Total
	Age Group				Total	Age Group			Total	
	16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
# of Calendar Days										
< 15	0	2	6	6	14	4	5	7	16	30
15 - 28	1	3	3	7	14	1	1	9	11	25
29 - 42	0	2	2	1	5	1	2	5	8	13
43 - 56	0	2	4	1	7	0	0	2	2	9
57 - 91	0	2	1	1	4	0	1	3	4	8
92 - 182	0	0	5	3	8	1	2	3	6	14
183 +	0	0	2	0	2	2	0	0	2	4
Total	1	11	23	19	54	9	11	29	49	103

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



East Tennessee Technology Park 2002

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

	Women							Total
	Job Category							
	Admin- istra- tive	Profe- ssion- al	Engin- eering	Techn- icians	Labor- ers	JA Jones		
# of Calendar Days								
< 15	9	2	0	0	2	1	14	
15 - 28	6	4	2	2	0	0	14	
29 - 42	3	0	1	1	0	0	5	
43 - 56	2	2	2	0	1	0	7	
57 - 91	3	1	0	0	0	0	4	
92 - 182	4	3	1	0	0	0	8	
183 +	0	1	1	0	0	0	2	
Total	27	13	7	3	3	1	54	

	Men									
	Job Category									Total
	Admin- istra- tive	Manag- ement	Profe- ssion- al	Engin- eering	Techn- icians	Crafts	Labor- ers	Opera- tors	JA Jones	
# of Calendar Days										
< 15	1	3	3	2	1	0	2	1	3	16
15 - 28	0	3	0	3	0	0	2	0	3	11
29 - 42	0	1	0	3	1	1	1	0	1	8
43 - 56	0	0	0	0	1	0	0	0	1	2
57 - 91	0	1	0	0	0	0	1	0	2	4
92 - 182	0	1	1	1	0	0	1	1	1	6
183 +	0	0	2	0	0	0	0	0	0	2
Total	1	9	6	9	3	1	7	2	11	49

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

East Tennessee Technology Park 2002

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

		Women					Men				Tot- al
		Age Group				Tot- al	Age Group			Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	0	2	0	2	1	0	0	1	3
-Other Viral Dis & Chlamydiae	070-079	0	0	2	0	2	1	0	0	1	3
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	0	0	1	1	2	0	0	2	2	4
-Breast	174-175	0	0	1	1	2	0	0	0	0	2
-Genitouri- nary	179-189	0	0	0	0	0	0	0	2	2	2
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	0	3	3	0	6	0	0	2	2	8
<b>ENDOCRINE/- METABOLIC/- IMMUNITY</b>	<b>240-279</b>	0	2	0	0	2	0	0	1	1	3
-Thyroid Gland Disorders	240-246	0	1	0	0	1	0	0	0	0	1
-Other Endocrine Gland Dis	250-259	0	1	0	0	1	0	0	1	1	2
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	0	4	0	4	0	1	0	1	5
-Psychoses	290-299	0	0	1	0	1	0	1	0	1	2
-Non- Psychotic Disorders	300-302, 306-316	0	0	3	0	3	0	0	0	0	3

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

(Continued)

East Tennessee Technology Park 2002

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

		Women					Men				Tot- al
		Age Group				Tot- al	Age Group			Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>7</b>	<b>11</b>
-Hereditar- y/Degenera- tive Central NS Dis	330-337	0	0	0	0	0	1	0	0	1	1
-Disorders of Peripheral NS	350-359	0	1	0	0	1	0	0	2	2	3
-Disorders of Eye	360-379	0	0	0	2	2	0	1	1	2	4
-Dis of Ear & Mastoid	380-389	0	0	1	0	1	2	0	0	2	3
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>8</b>
-Hypertens- ive Dis	401-405	0	0	1	0	1	0	0	0	0	1
-Ischemic Heart Dis	410-414	0	0	1	1	2	0	0	1	1	3
-Cerebrova- scular Dis	430-438	0	0	0	1	1	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	1	0	0	1	0	0	2	2	3
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>6</b>	<b>11</b>	<b>14</b>
-Acute Respiratory Infections	460-466	0	0	0	0	0	2	1	0	3	3

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

(Continued)

East Tennessee Technology Park 2002

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

		Women					Men				Tot- al
		Age Group				Tot- al	Age Group			Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
-Other Dis Upper Respiratory Tract	470-478	0	0	0	1	1	1	0	1	2	3
-Pneumonia & Influenza	480-487	0	0	1	1	2	0	0	2	2	4
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	1	2	3	3
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	1	1	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>9</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	1	1	0	0	0	0	1
-Appendici- tis	540-543	0	0	0	1	1	0	0	0	0	1
-Hernia	550-553	0	0	0	0	0	0	1	0	1	1
-Enteritis, Colitis	555-558	0	0	0	1	1	0	1	0	1	2
-Other Intestinal Dis	560-569	0	0	0	1	1	0	0	0	0	1
-Other Digestive Dis	570-579	0	0	1	1	2	0	0	1	1	3
<b>GENITOURIN- ARY SYSTEM</b>	<b>580-629</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>11</b>

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

(Continued)

East Tennessee Technology Park 2002

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

		Women					Men				Tot- al
		Age Group				Tot- al	Age Group			Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
-Other Urinary Dis	590-599	1	0	1	3	5	0	0	2	2	7
-Male Genital Organ Dis	600-608	0	0	0	0	0	1	0	0	1	1
-Other Female Disorders	617-629	0	2	1	0	3	0	0	0	0	3
<b>PREGNANCY &amp; CHILDBIRTH</b>	<b>630-677</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
-Pregnancy with Abortive Outcome	634-639	0	1	0	0	1	0	0	0	0	1
<b>SKIN &amp; SUBCUTANEO- US TISSUE</b>	<b>680-709</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
-Infections	680-686	0	1	0	0	1	0	0	0	0	1
<b>MUSCULOSKE- LETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>10</b>	<b>16</b>
-Arthropat- hies	710-719	0	0	2	1	3	0	0	2	2	5
-Dorsopath- ies	720-724	0	0	1	0	1	1	2	3	6	7
-Rheumatis- m, Excluding Back	725-729	0	0	2	0	2	0	0	2	2	4
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>6</b>

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

(Continued)

East Tennessee Technology Park 2002

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

		Women					Men				Tot- al
		Age Group				Tot- al	Age Group			Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
-Symptoms	780-789	0	0	1	1	2	1	2	1	4	6
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>7</b>
-Fracture - Skull	800-804	0	0	0	1	1	0	0	1	1	2
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	1	0	1	1
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0	1	2	3	3
-Open Wound Head, Neck, Trunk	870-879	0	0	0	1	1	0	0	0	0	1
<b>Total</b>		<b>1</b>	<b>11</b>	<b>23</b>	<b>19</b>	<b>54</b>	<b>10</b>	<b>12</b>	<b>31</b>	<b>53</b>	<b>107</b>

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

East Tennessee Technology Park 2002

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

		Women					Men				Tot- al
		Age Group				Tot- al	Age Group			Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	202	0	202	31	0	0	31	233
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	179	176	355	0	0	73	73	428
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	112	135	0	247	0	0	144	144	391
ENDOCRINE/- METABOLIC/- IMMUNITY	240-279	0	55	0	0	55	0	0	7	7	62
MENTAL DISORDERS	290-319	0	0	525	0	525	0	142	0	142	667
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	48	12	48	108	362	11	61	434	542
CIRCULATORY SYSTEM	390-459	0	53	10	291	354	0	0	79	79	433
RESPIRATORY SYSTEM	460-519	0	0	15	36	51	36	94	396	526	577
DIGESTIVE SYSTEM	520-579	0	0	12	120	132	0	76	19	95	227
GENITOURIN- ARY SYSTEM	580-629	18	70	74	37	199	7	0	12	19	218
PREGNANCY & CHILD BIRTH	630-677	0	21	0	0	21	0	0	0	0	21
SKIN & SUBCUTANEO- US TISSUE	680-709	0	20	0	0	20	0	0	0	0	20

\*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.

(Continued)

East Tennessee Technology Park 2002

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

		Women					Men				Tot- al
		Age Group				Tot- al	Age Group			Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
MUSCULOSKE- LETAL & CONNECTIVE TISSUE	710-739	0	0	344	58	402	186	77	241	504	906
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	39	10	49	9	15	21	45	94
INJURY & POISONING	800-999	0	0	0	38	38	0	40	149	189	227

\*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.



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

		Women						
		Job Category						Total
		Admi- nist- rati- ve	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Labo- rers	JA Jones	
Diagnostic Category	ICD-9-CM Code							
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	1	0	1	0	0	2
-Other Viral Dis & Chlamydiae	070-079	0	1	0	1	0	0	2
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230- 234</b>	0	1	1	0	0	0	2
-Breast	174-175	0	1	1	0	0	0	2
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235- 239</b>	3	3	0	0	0	0	6
<b>ENDOCRINE/ME- TABOLIC/IMMU- NITY</b>	<b>240-279</b>	1	0	1	0	0	0	2
-Thyroid Gland Disorders	240-246	1	0	0	0	0	0	1
-Other Endocrine Gland Dis	250-259	0	0	1	0	0	0	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	2	1	1	0	0	0	4
-Psychoses	290-299	0	1	0	0	0	0	1
-Non- Psychotic Disorders	300-302, 306- 316	2	0	1	0	0	0	3
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	1	0	1	1	0	1	4

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

(Continued)

East Tennessee Technology Park 2002

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

		Women							Total
		Job Category							
		Admi- nist- rati- ve	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Labo- rers	JA Jones		
Diagnostic Category	ICD-9-CM Code								
-Disorders of Peripheral NS	350-359	0	0	1	0	0	0	1	
-Disorders of Eye	360-379	0	0	0	1	0	1	2	
-Dis of Ear & Mastoid	380-389	1	0	0	0	0	0	1	
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	
-Hypertensive Dis	401-405	1	0	0	0	0	0	1	
-Ischemic Heart Dis	410-414	0	2	0	0	0	0	2	
-Cerebrovasc- ular Dis	430-438	1	0	0	0	0	0	1	
-Dis of Veins, Lymphatics, Other	451-459	0	0	1	0	0	0	1	
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	
-Other Dis Upper Respiratory Tract	470-478	1	0	0	0	0	0	1	
-Pneumonia & Influenza	480-487	0	1	1	0	0	0	2	
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>6</b>	
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	0	0	0	0	1	

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

(Continued)

East Tennessee Technology Park 2002

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

		Women							Total
		Job Category							
		Admi- nist- rati- ve	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Labo- rers	JA Jones		
Diagnostic Category	ICD-9-CM Code								
-Appendicitis	540-543	0	1	0	0	0	0	1	
-Enteritis, Colitis	555-558	0	0	0	0	1	0	1	
-Other Intestinal Dis	560-569	0	0	0	0	1	0	1	
-Other Digestive Dis	570-579	2	0	0	0	0	0	2	
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>8</b>	
-Other Urinary Dis	590-599	4	0	0	1	0	0	5	
-Other Female Disorders	617-629	3	0	0	0	0	0	3	
<b>PREGNANCY &amp; CHILDBIRTH</b>	<b>630-677</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
-Pregnancy with Abortive Outcome	634-639	0	1	0	0	0	0	1	
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
-Infections	680-686	0	0	1	0	0	0	1	
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>6</b>	
-Arthropathi- es	710-719	3	0	0	0	0	0	3	
-Dorsopathies	720-724	0	0	0	0	1	0	1	

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

(Continued)

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

		Women						
		Job Category						Total
		Admi- nist- rati- ve	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Labo- rers	JA Jones	
Diagnostic Category	ICD-9-CM Code							
-Rheumatism, Excluding Back	725-729	1	1	0	0	0	0	2
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED CONDITIONS</b>	<b>780-799</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>
-Symptoms	780-789	2	0	0	0	0	0	2
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>
-Fracture - Skull	800-804	1	0	0	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	1	0	0	0	0	1
<b>Total</b>		<b>27</b>	<b>13</b>	<b>7</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>54</b>

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

(Continued)

East Tennessee Technology Park 2002

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

		Men									Total
		Job Category									
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	JA Jones	
Diagnostic Category	ICD-9-CM Code										
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	0	0	0	0	0	1	0	0	1
-Other Viral Dis & Chlamydiae	070-079	0	0	0	0	0	0	1	0	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230- 234</b>	0	0	0	1	1	0	0	0	0	2
-Genitourina- ry	179-189	0	0	0	1	1	0	0	0	0	2
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235- 239</b>	0	1	0	0	0	0	0	0	1	2
<b>ENDOCRINE/ME- TABOLIC/IMMU- NITY</b>	<b>240-279</b>	0	1	0	0	0	0	0	0	0	1
-Other Endocrine Gland Dis	250-259	0	1	0	0	0	0	0	0	0	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	0	1	0	0	0	0	0	0	1
-Psychoses	290-299	0	0	1	0	0	0	0	0	0	1
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	0	2	1	0	0	2	0	2	7
-Hereditary/- Degenerative Central NS Dis	330-337	0	0	1	0	0	0	0	0	0	1
-Disorders of Peripheral NS	350-359	0	0	0	1	0	0	0	0	1	2

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

(Continued)

East Tennessee Technology Park 2002

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

		Men									
		Job Category									Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	JA Jones	
Diagnostic Category	ICD-9-CM Code										
-Disorders of Eye	360-379	0	0	1	0	0	0	0	0	1	2
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	2	0	0	2
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>3</b>
-Ischemic Heart Dis	410-414	0	0	0	0	0	0	0	0	1	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	0	0	1	0	0	1	2
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>11</b>
-Acute Respiratory Infections	460-466	0	1	1	0	0	0	0	0	1	3
-Other Dis Upper Respiratory Tract	470-478	0	0	0	1	0	0	1	0	0	2
-Pneumonia & Influenza	480-487	0	0	0	1	0	0	0	1	0	2
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	0	2	1	3
-Lung Dis from External Agents	500-508	0	1	0	0	0	0	0	0	0	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>

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

(Continued)

East Tennessee Technology Park 2002

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

		Men									
		Job Category									Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	JA Jones	
Diagnostic Category	ICD-9-CM Code										
-Hernia	550-553	0	0	0	0	0	0	0	0	1	1
-Enteritis, Colitis	555-558	0	0	0	1	0	0	0	0	0	1
-Other Digestive Dis	570-579	0	1	0	0	0	0	0	0	0	1
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>
-Other Urinary Dis	590-599	0	0	0	0	0	0	0	0	2	2
-Male Genital Organ Dis	600-608	0	0	0	0	0	0	1	0	0	1
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>10</b>
-Arthropathi- es	710-719	0	1	0	0	0	0	0	0	1	2
-Dorsopathies	720-724	0	3	1	0	1	0	1	0	0	6
-Rheumatism, Excluding Back	725-729	0	0	0	1	0	0	0	0	1	2
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED CONDITIONS</b>	<b>780-799</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>
-Symptoms	780-789	1	0	0	0	1	0	1	0	1	4
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>5</b>
-Fracture - Skull	800-804	0	0	1	0	0	0	0	0	0	1

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

(Continued)

East Tennessee Technology Park 2002

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

		Men									
		Job Category									Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	JA Jones	
Diagnostic Category	ICD-9-CM Code										
-Fracture - Upper Limb	810-819	0	0	0	1	0	0	0	0	0	1
-Sprains & Strains - Other	840-845, 848	0	0	0	2	0	0	1	0	0	3
<b>Total</b>		<b>1</b>	<b>9</b>	<b>6</b>	<b>9</b>	<b>3</b>	<b>1</b>	<b>8</b>	<b>3</b>	<b>13</b>	<b>53</b>

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



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

		Women						
		Job Category						Total
		Admi- nist- rati- ve	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Labo- rers	JA Jones	
Diagnostic Category	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	186	0	16	0	0	202
MALIGNANT NEOPLASMS	140-208, 230- 234	0	179	176	0	0	0	355
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	94	153	0	0	0	0	247
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	25	0	30	0	0	0	55
MENTAL DISORDERS	290-319	140	179	206	0	0	0	525
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	12	0	48	37	0	11	108
CIRCULATORY SYSTEM	390-459	180	121	53	0	0	0	354
RESPIRATORY SYSTEM	460-519	20	15	16	0	0	0	51
DIGESTIVE SYSTEM	520-579	47	22	0	0	63	0	132
GENITOURINARY SYSTEM	580-629	172	0	0	27	0	0	199
PREGNANCY & CHILDBIRTH	630-677	0	21	0	0	0	0	21
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	20	0	0	0	20

\*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.

(Continued)

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

		Women						
		Job Category						Total
		Admi- nist- rati- ve	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Labo- rers	JA Jones	
Diagnostic Category	ICD-9-CM Code							
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	387	13	0	0	2	0	402
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	49	0	0	0	0	0	49
INJURY & POISONING	800-999	13	25	0	0	0	0	38

\*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.

(Continued)

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

		Men									
		Job Category									Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	JA Jones	
Diagnostic Category	ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	0	0	0	31	0	0	31
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	30	43	0	0	0	0	73
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	58	0	0	0	0	0	0	86	144
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	7	0	0	0	0	0	0	0	7
MENTAL DISORDERS	290-319	0	0	142	0	0	0	0	0	0	142
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	201	38	0	0	172	0	23	434
CIRCULATORY SYSTEM	390-459	0	0	0	0	0	39	0	0	40	79
RESPIRATORY SYSTEM	460-519	0	186	13	34	0	0	16	183	94	526
DIGESTIVE SYSTEM	520-579	0	19	0	36	0	0	0	0	40	95
GENITOURINARY SYSTEM	580-629	0	0	0	0	0	0	7	0	12	19
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	84	186	22	33	0	64	0	115	504

\*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.

(Continued)

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

		Men									
		Job Category									Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	JA Jones	
Diagnostic Category	ICD-9-CM Code										
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	4	0	0	0	11	0	9	0	21	45
INJURY & POISONING	800-999	0	0	10	151	0	0	28	0	0	189

\*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 2002

**Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined**  
**Part 1. Age-Adjusted Rates for All Diagnoses Combined by Gender from 1999 to 2002**

Rate per 1,000

Year	All Diagnoses Combined					
	Men			Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1999	70	82	96	105	133	169
2000	49	63	82	53	80	120
2001	32	45	62	53	79	118
2002	51	70	96	101	148	215

**Part 2. Age-Adjusted Rates for Selected Diagnostic Categories by Gender from 1999 to 2002**

Rate per 1,000 Men

Men	Heart/Circulatory			Respiratory			Muscles & Skeleton			Injury		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	5	8	13	12	17	24	9	14	20	6	9	14
2000	6	12	24	6	11	21	4	8	17	7	12	22
2001	1	2	8	2	5	13	10	17	28	3	6	14
2002	1	2	6	8	16	32	6	12	24	2	4	11

Rate per 1,000 Women

Women	Heart/Circulatory			Respiratory			Muscles & Skeleton			Injury		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	1	3	9	8	19	48	22	36	58	6	11	21
2000	3	12	54	3	6	15	7	14	28	5	12	27
2001	0	0	0	4	11	27	5	11	25	3	8	21
2002	5	11	27	3	9	34	6	14	35	1	4	18

(Continued)

East Tennessee Technology Park 2002

**Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined****Part 3. Age-Adjusted Rates for All Diagnoses Combined by Gender and Job Category from 1999 to 2002**

Rate per 1,000 Men

Men	Administrative			Management			Professional			Engineering			Scientists		
	Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid
1999	*	*	*	19	36	69	29	53	94	19	33	56	12	47	189
2000	0	0	0	47	83	148	66	118	214	15	31	65	0	0	0
2001	0	0	0	11	28	67	7	28	107	26	45	79	0	0	0
2002	16	114	806	25	78	242	27	65	160	19	37	73	0	0	0

Year	Technicians			Crafts			Laborers			Operators			JA Jones		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	34	72	153	113	163	235	87	140	225	135	189	263	**	**	**
2000	18	71	283	2	8	34	2	14	101	4	13	39	74	109	162
2001	5	33	235	6	40	282	3	18	126	0	0	0	58	91	143
2002	28	88	278	9	66	470	83	171	352	38	119	369	25	46	84

Rate per 1,000 Women

Women	Administrative			Management			Professional			Engineering			Scientists		
	Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid
1999	47	85	152	9	36	144	24	47	90	87	159	288	0	0	0
2000	50	80	126	30	111	413	52	95	173	4	27	192	0	0	0
2001	55	94	163	12	51	216	34	69	138	21	57	151	0	0	0
2002	115	211	385	0	0	0	53	94	168	76	169	379	0	0	0

Year	Technicians			Crafts			Laborers			Operators			JA Jones		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	50	115	265	0	0	0	419	607	881	371	625	1054	**	**	**
2000	19	99	513	0	0	0	0	0	0	0	0	0	18	61	208
2001	0	0	0	0	0	0	32	227	1611	0	0	0	2	13	94
2002	45	164	606	0	0	0	124	426	1455	0	0	0	2	17	117

\* No workers in this category.

\*\*Data for JA Jones were not available for 1999.

East Tennessee Technology Park 2002

**Appendix M. Diseases and Injuries by Diagnostic Category****Part 1. Men**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	1	2.9	0.4	20.6
Malignant Neoplasms	140-208, 230-234	2	2.3	0.5	10.3
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	2	2.3	0.5	10.3
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	2	3.2	0.8	13.0
Endocrine & Metabolic Diseases	240-279	1	0.7	0.1	4.6
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	1	1.1	0.2	8.0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	7	12.8	5.5	29.7
Circulatory System	390-459	3	2.0	0.6	6.1
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	1	0.7	0.1	4.6
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	11	15.9	7.8	32.1
-Upper Respiratory	460-465, 470-478	4	7.6	2.5	23.1
-Pneumonia/Bronchitis	466, 480-487	3	5.2	1.4	18.7
-Chronic Respiratory Conditions	490-496	3	2.4	0.8	7.9
Digestive System	520-579	3	2.9	0.9	9.3
-Hernias	550-553	1	1.1	0.2	8.0
-Gallbladder Disease	574-575	1	0.7	0.1	4.6
Genitourinary System	580-629	3	4.2	1.0	17.4
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	10	11.7	5.7	24.0
-Dorsopathies	720-724	6	8.1	3.2	20.3
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	4	5.8	1.9	18.2
Injury & Poisoning	800-999	5	4.2	1.7	10.5
-Fractures, All Sites	800-829	2	1.8	0.4	7.5
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	3	2.4	0.8	7.9
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	0	0	0	0
-Other Injuries	900-999	0	0	0	0
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		53	69.6	50.6	95.8

\* Includes all diagnoses reported with an absence of 5 or more days.

\*\*Standardized to age distribution of 1970 U.S. population.

(Continued)

East Tennessee Technology Park 2002

**Appendix M. Diseases and Injuries by Diagnostic Category****Part 2. Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	2	3.4	0.8	13.5
Malignant Neoplasms	140-208, 230-234	2	7.1	1.5	33.9
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	2	7.1	1.5	33.9
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	6	14.7	6.4	34.0
Endocrine & Metabolic Diseases	240-279	2	6.4	1.6	25.7
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	4	6.8	2.5	18.1
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	4	9.3	3.4	25.5
Circulatory System	390-459	5	11.0	4.5	27.2
-Hypertension	401	1	1.7	0.2	12.0
-Acute Myocardial Infarction	410	1	1.7	0.2	12.0
-Ischemic Disease, not M.I.	411-414, 429.2	1	2.2	0.3	15.7
-Cerebrovascular Disease	430-438	1	2.2	0.3	15.7
Respiratory System	460-519	3	9.3	2.6	33.5
-Upper Respiratory	460-465, 470-478	1	2.2	0.3	15.7
-Pneumonia/Bronchitis	466, 480-487	2	7.1	1.5	33.9
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	6	12.7	5.7	28.4
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	2	3.9	1.0	15.8
Genitourinary System	580-629	8	38.1	11.9	121.6
-Endometriosis	617	1	3.2	0.5	22.8
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	2	4.9	1.2	21.0
Pregnancy & Childbirth***	630-639	1	3.2	0.5	22.8
Skin & Subcutaneous Tissue	680-709	1	3.2	0.5	22.8
Musculoskeletal System	710-739	6	13.9	5.5	35.3
-Dorsopathies	720-724	1	1.7	0.2	12.0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	2	3.9	1.0	15.8
Injury & Poisoning	800-999	2	4.4	1.1	17.6
-Fractures, All Sites	800-829	1	2.2	0.3	15.7
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	0	0	0	0
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	2.2	0.3	15.7
-Other Injuries	900-999	0	0	0	0
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		<b>54</b>	<b>147.5</b>	<b>101.0</b>	<b>215.4</b>

\* Includes all diagnoses reported with an absence of 5 or more days.

\*\* Standardized to age distribution of 1970 U.S. population.

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

(Continued)



East Tennessee Technology Park 2002

**Appendix M. Diseases and Injuries by Diagnostic Category****Part 3. Men and Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	3	2.9	0.8	9.8
Malignant Neoplasms	140-208, 230-234	4	3.7	1.3	10.4
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	2	1.9	0.5	8.2
-Genitourinary	179-189	2	1.8	0.4	7.9
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	8	9.1	4.4	18.9
Endocrine & Metabolic Diseases	240-279	3	3.6	1.0	12.1
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	5	3.4	1.4	8.1
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	11	10.7	5.6	20.6
Circulatory System	390-459	8	5.4	2.5	11.7
-Hypertension	401	1	0.7	0.1	4.8
-Acute Myocardial Infarction	410	1	0.7	0.1	4.8
-Ischemic Disease, not M.I.	411-414, 429.2	2	1.0	0.3	4.0
-Cerebrovascular Disease	430-438	1	0.5	0.1	3.6
Respiratory System	460-519	14	12.1	6.8	21.7
-Upper Respiratory	460-465, 470-478	5	4.7	1.8	12.6
-Pneumonia/Bronchitis	466, 480-487	5	5.2	2.0	13.3
-Chronic Respiratory Conditions	490-496	3	1.7	0.5	5.3
Digestive System	520-579	9	5.0	2.6	9.8
-Hernias	550-553	1	0.7	0.1	4.8
-Gallbladder Disease	574-575	3	1.7	0.5	5.3
Genitourinary System	580-629	11	15.7	5.9	41.7
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	1	1.5	0.2	10.8
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	2	2.2	0.5	9.7
Pregnancy & Childbirth***	630-639	1	1.5	0.2	10.8
Skin & Subcutaneous Tissue	680-709	1	1.5	0.2	10.8
Musculoskeletal System	710-739	16	12.5	7.4	21.3
-Dorsopathies	720-724	7	5.8	2.6	13.1
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	6	4.6	1.9	11.0
Injury & Poisoning	800-999	7	3.9	1.8	8.2
-Fractures, All Sites	800-829	3	1.7	0.5	5.3
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	3	1.7	0.5	5.3
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	0.5	0.1	3.6
-Other Injuries	900-999	0	0	0	0
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		<b>107</b>	<b>95.6</b>	<b>74.8</b>	<b>122.1</b>

\* Includes all diagnoses reported with an absence of 5 or more days.

\*\* Standardized to age distribution of 1970 U.S. population.

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

## Appendix N. Relative Risk Estimates for Selected Diagnostic Categories Among Absences

Diagnostic Category	Administrative 131 Person-Years				Management 158 Person-Years				Professional 207 Person-Years			
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *
All Diagnostic Categories	24	1.8	1.0	3.2	9	0.6	0.3	1.3	17	0.8	0.5	1.4
Nervous System & Sense Organs	1	0.5	0.1	4.8	0				2	1.0	0.2	4.3
Respiratory System	1	0.8	0.1	8.6	2	1.1	0.2	4.7	2	0.8	0.2	4.2
Musculoskeletal & Connective Tissue	4	3.1	0.6	16.7	4	1.7	0.5	6.0	2	0.5	0.1	2.3

Diagnostic Category	Engineering 193 Person-Years				Scientists 17 Person-Years				Technicians 29 Person-Years			
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *
All Diagnostic Categories	12	0.7	0.4	1.3	0				5	1.8	0.7	4.4
Nervous System & Sense Organs	2	1.0	0.2	4.2	0				1	3.4	0.4	26.6
Respiratory System	3	1.2	0.4	3.9	0				0			
Musculoskeletal & Connective Tissue	1	0.3	0.04	2.2	0				1	1.8	0.2	13.2

Diagnostic Category	Crafts 4 Person-Years				Laborers 29 Person-Years				Operators 5 Person-Years			
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upper 95% CI***
All Diagnostic Categories	1	2.7	0.4	19.5	8	4.4	1.9	10.1	2	5.4	1.3	22.7
Nervous System & Sense Organs	0				1	2.8	0.2	34.9	0			
Respiratory System	0				1	1.8	0.2	18.3	2	46.7	7.8	279.3
Musculoskeletal & Connective Tissue	0				2	6.0	1.4	24.9	0			

\* Persons with multiple absences during the time period were counted only once.

\*\* RR = Relative Risk. Adjusted for age and gender; compared with all job categories.

\*\*\*CI = Confidence Limit

(Continued)

**Appendix N. Relative Risk Estimates for Selected Diagnostic Categories Among Absences**

Diagnostic Category	JA Jones 200 Person-Years				Total Persons with 1+ Event
	Pers ons with 1+ Even t*	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	12	0.7	0.3	1.3	90
Nervous System & Sense Organs	3	2.0	0.4	9.2	10
Respiratory System	1	0.3	0.04	2.4	12
Musculoskeletal & Connective Tissue	2	0.5	0.1	2.6	16

\* Persons with multiple absences during the time period were counted only once.

\*\* RR = Relative Risk. Adjusted for age and gender; compared with all job categories.

\*\*\*CI = Confidence Limit

**Appendix O. Sentinel Health Events for Occupations (SHEO)**

The following two tables list the disease conditions that have been identified as definitely SHEOs or as possibly SHEOs, respectively (Rutstein DD et al, Sentinel Health Events [Occupational]: A Basis for Physician Recognition and Public Health Surveillance. *American Journal of Public Health*. 1983, 73(9):1054-1062). To make these categories more meaningful to the DOE workplace environment, these two SHEO categories have been evaluated taking into account workplace exposures in the DOE complex to define two additional groups of diagnoses called *production* and *non-production*. These are designated in the last column of each table, labelled *DOE Complex Exposure Potential*. Each group is defined as follows:

*Production:* Disease conditions that can result from exposures that may occur during production or cleanup activities within the DOE complex. Twenty-six conditions are included in this group.

*Non-production:* Disease conditions that can be related to occupations within the DOE complex but not exposures related to production or cleanup activities. There are 12 conditions in this group.

Conditions for which neither designation has been assigned may occur in the work force but are less likely to be related to exposures in the DOE complex than those conditions with a designation of *production or non-production*.

Diagnoses - Definitely SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
011.40	Tuberculous fibrosis of lung	Production
155	Hemangiosarcoma of the liver	
158, 163	Mesothelioma (MN of peritoneum and pleura)	Production
187.7	Malignant neoplasm of scrotum	Production
495.4	Maltworker's lung	
495.5	Mushroom worker's lung	
495.8	Grain handler's lung, Sequoiosis	
495.9	Unspecified allergic alveolitis	
500	Coalworker's pneumoconiosis	
501	Asbestosis	Production
502	Silicosis, Talcosis	Production
503	Chronic beryllium disease of the lung	Production
504	Byssinosis	

Note: Fourth and fifth digits of some of the codes are considered in the analysis of the data but are not reflected in the table.

(Continued)

**Appendix O. Sentinel Health Events for Occupations (SHEO)**

Diagnoses - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
011.90	Pulmonary tuberculosis	
020	Plague	
021	Tularemia	
022	Anthrax	
023	Brucellosis	
031.1	Fish-fancier's finger	
037	Tetanus	Non-production
042	Human immunodeficiency virus	
054.6	Herpetic whitlow	
056	Rubella	
070.0, 070.1	Hepatitis A	
070.2, 070.3	Hepatitis B	
070.4	Non-A, non-B hepatitis	
071	Rabies	Non-production
073	Ornithosis	
082.0	Rocky Mountain spotted fever	
100.8	Leptospirosis	
115	Histoplasmosis	Non-production
117.1	Sporotrichosis	
147	Malignant neoplasm of nasopharynx	Non-production
160.0	Malignant neoplasm of nasal cavities	Non-production
161	Malignant neoplasm of larynx	Production
162	Malignant neoplasm of trachea, bronchus, and lung	Production
170	Malignant neoplasm of bone	Production

Note: Fourth and fifth digits of some of the codes are considered in the analysis of the data but are not reflected in the table.

(Continued)

## Appendix O. Sentinel Health Events for Occupations (SHEO)

Diagnoses - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
188	Malignant neoplasm of bladder	Production
189	Malignant neoplasm of kidney, other, and unspecified urinary organs	Non-production
204.0	Lymphoid leukemia, acute	Production
205.0	Myeloid leukemia, acute	Production
207.0	Erythroleukemia	Production
283.1	Hemolytic anemia, non-autoimmune	Production
284.8	Aplastic anemia	Production
288.0	Agranulocytosis or neutropenia	Production
289.7	Methemoglobinemia	Non-production
323.7	Toxic encephalitis	Production
332.1	Parkinson's disease (secondary)	Production
334.3	Cerebellar ataxia	Production
354	Carpal tunnel syndrome	Non-production
354.0	Mononeuritis of upper limb and mononeuritis multiplex	Non-production
357.7	Inflammatory and toxic neuropathy	Production
366.4	Cataract	Production
388.1	Noise effects on inner ear	Production
443.0	Raynaud's phenomenon (secondary)	Non-production
493.0, 507.8	Extrinsic asthma	Non-production
506.0	Acute bronchitis, pneumonitis, and pulmonary edema due to fumes and vapors	Non-production
570, 573.3	Toxic hepatitis	Production
584, 585	Acute or chronic renal failure	Production
606	Infertility, male	
692	Contact and allergic dermatitis	Production
733.9	Skeletal fluorosis	Production

Note: Fourth and fifth digits of some of the codes are considered in the analysis of the data but are not reflected in the table.

East Tennessee Technology Park 2002

OSHA Data

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

	Women				Men		Total
	Age Group			Total	Age Group	Total	
	30 - 39	40 - 49	50 +		40 - 49		
Job Category							
Administrative	0	1	1	2	0	0	2
Professional	0	0	0	0	1	1	1
Engineering	1	0	0	1	0	0	1
Technicians	0	1	0	1	0	0	1
Total	1	2	1	4	1	1	5

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

East Tennessee Technology Park 2002

OSHA Data

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

	Women			Men			Total		
	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost
Age Group									
30 - 39	1	22	40	0	0	0	1	22	40
40 - 49	2	21	58	1	24	17	3	45	75
50 +	1	0	0	0	0	0	1	0	0
Total	4	43	98	1	24	17	5	67	115

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



East Tennessee Technology Park 2002

OSHA Data

**Appendix R. Total Number of Workdays Lost or with Restricted Activity from OSHA Events by Gender and Job Category\***

	Women			Men			Total		
	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost
Job Category									
Administrative	2	21	58	0	0	0	2	21	58
Professional	0	0	0	1	24	17	1	24	17
Engineering	1	22	40	0	0	0	1	22	40
Technicians	1	0	0	0	0	0	1	0	0
Total	4	43	98	1	24	17	5	67	115

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

East Tennessee Technology Park 2002

OSHA Data

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

		Women				Men		Total
		Age Group			Total	Age Group	Total	
		30 - 39	40 - 49	50 +		40 - 49		
Diagnostic Category	ICD-9-CM code							
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	1	1	0	2	1	1	3
-Disorders of Peripheral NS	350-359	1	1	0	2	1	1	3
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	0	1	1	2	0	0	2
-Sprains & Strains - Back	846-847	0	0	1	1	0	0	1
-Superficial Injury	910-919	0	1	0	1	0	0	1
<b>Total</b>		1	2	1	4	1	1	5

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

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

		Women					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Peripheral NS	350-359	22	40	21	58	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0

		Men	
		Age Group	
		40 - 49	
		Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes		
-Disorders of Peripheral NS	350-359	24	17

\*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 2002

OSHA Data

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

		Women				Men		Total
		Age Group			Total	Age Group	Total	
		30 - 39	40 - 49	50 +		40 - 49		
Type of Accident	E Codes							
Other Accidents	E916-E928	1	1	1	3	1	1	4

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

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

		Women					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes						
Other Accidents	E916-E928	22	40	21	58	0	0

		Men	
		Age Group	
		40 - 49	
		Days Res- tri- cted	Days Lost
Type of Accident	E Codes		
Other Accidents	E916-E928	24	17

\*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.

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

		Women			
		Job Category			Total
		Admi- nist- rati- ve	Engi- neer- ing	Tech- nici- ans	
Diagnostic Category	ICD-9-CM Code				
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	1	1	0	2
-Disorders of Peripheral NS	350-359	1	1	0	2
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	1	0	1	2
-Sprains & Strains - Back	846-847	1	0	0	1
-Superficial Injury	910-919	0	0	1	1
<b>Total</b>		2	1	1	4

		Men	
		Job Category	Total
		Prof- essi- onal	
Diagnostic Category	ICD-9-CM Code		
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	1	1
-Disorders of Peripheral NS	350-359	1	1
<b>Total</b>		1	1

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

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

		Women					
		Job Category					
		Administ-rative		Engineer-ing		Technici-ans	
		Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Peripheral NS	350-359	21	58	22	40	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0

		Men	
		Job Category	
		Professi-onal	
		Days Res-tri-cted	Days Lost
Diagnostic Category	ICD-9-CM Codes		
-Disorders of Peripheral NS	350-359	24	17

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

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

		Women		
		Job Category		Total
		Administrative	Engineering	
Type of Accident	E CODES			
Other Accidents	E916-E928	2	1	3

		Men	
		Job Category	Total
		Professional	
Type of Accident	E CODES		
Other Accidents	E916-E928	1	1

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



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

		Women			
		Job Category			
		Administ-rative		Engineer-ing	
		Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost
Type of Accident	E Codes				
Other Accidents	E916-E928	21	58	22	40

		Men	
		Job Category	
		Professi-onal	
		Days Res-tri-cted	Days Lost
Type of Accident	E Codes		
Other Accidents	E916-E928	24	17

\*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 2002

OSHA Data

**Appendix AA. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined and Injury by Gender****Part 1. Age-Adjusted Rates for All OSHA-Recordable Diagnoses by Gender and Job Category from 1999 to 2002**

Rate per 1,000 Women

Women	Administrative			Management			Professional			Engineering			Scientists		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	4	9	25	0	0	0	5	16	50	1	5	38	0	0	0
2000	6	40	285	0	0	0	5	18	72	0	0	0	0	0	0
2001	0	0	0	0	0	0	1	9	64	0	0	0	0	0	0
2002	3	10	42	0	0	0	0	0	0	3	18	126	0	0	0

Year	Technicians			Crafts			Laborers			Operators			JA Jones		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	0	0	0	0	0	0	22	70	227	33	120	436	**	**	**
2000	0	0	0	0	0	0	54	167	517	15	106	754	14	43	132
2001	0	0	0	0	0	0	32	227	1611	0	0	0	31	97	302
2002	5	32	230	0	0	0	0	0	0	0	0	0	0	0	0

Rate per 1,000 Men

Men	Administrative			Management			Professional			Engineering			Scientists		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	*	*	*	0	0	0	<1	3	22	<1	2	12	0	0	0
2000	0	0	0	0	0	0	0	0	0	1	4	28	0	0	0
2001	0	0	0	<1	2	17	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	1	6	42	0	0	0	0	0	0

Year	Technicians			Crafts			Laborers			Operators			JA Jones		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	0	0	0	12	28	66	77	202	527	2	6	24	**	**	**
2000	0	0	0	1	9	64	6	24	94	2	8	34	11	25	55
2001	0	0	0	0	0	0	3	18	126	0	0	0	13	27	53
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

\* No workers in this category.

\*\*Data for JA Jones were not available for 1999.

**Part 2. Age-Adjusted Rates for Injury by Gender from 1999 to 2002**

Rate per 1,000

Year	Injury Men			Injury Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1999	12	32	87	3	7	16
2000	3	7	13	7	15	30
2001	4	9	20	4	9	22
2002	0	0	0	1	4	16

East Tennessee Technology Park 2002

**Appendix BB. OSHA Diseases and Injuries by Diagnostic Category****Part 1. Men**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	1	1.1	0.2	8.0
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	0	0	0	0
-Dorsopathies	720-724	0	0	0	0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	0	0	0	0
Injury & Poisoning	800-999	0	0	0	0
-Fractures, All Sites	800-829	0	0	0	0
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	0	0	0	0
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	0	0	0	0
-Other Injuries	900-999	0	0	0	0
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		1	1.1	0.2	8.0

\*Standardized to age distribution of 1970 U.S. population.

(Continued)

East Tennessee Technology Park 2002

**Appendix BB. OSHA Diseases and Injuries by Diagnostic Category****Part 2. Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	2	4.9	1.2	21.0
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	0	0	0	0
-Dorsopathies	720-724	0	0	0	0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	0	0	0	0
Injury & Poisoning	800-999	2	3.9	1.0	15.8
-Fractures, All Sites	800-829	0	0	0	0
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	1	2.2	0.3	15.7
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	0	0	0	0
-Other Injuries	900-999	1	1.7	0.2	12.0
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		<b>4</b>	<b>8.8</b>	<b>3.2</b>	<b>24.4</b>

\* Standardized to age distribution of 1970 U.S. population.

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

(Continued)

East Tennessee Technology Park 2002

**Appendix BB. OSHA Diseases and Injuries by Diagnostic Category****Part 3. Men and Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	3	2.9	0.8	9.8
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	0	0	0	0
-Dorsopathies	720-724	0	0	0	0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	0	0	0	0
Injury & Poisoning	800-999	2	1.2	0.3	4.8
-Fractures, All Sites	800-829	0	0	0	0
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	1	0.5	0.1	3.6
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	0	0	0	0
-Other Injuries	900-999	1	0.7	0.1	4.8
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		<b>5</b>	<b>4.1</b>	<b>1.6</b>	<b>10.6</b>

\* Standardized to age distribution of 1970 U.S. population.

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