

SUPPORTING TABLES
EAST TENNESSEE TECHNOLOGY PARK: 2000

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	7	31	62	44	144	0	1	2	0	3	147
Management	0	3	17	10	30	0	19	72	107	198	228
Professional	6	21	43	22	92	2	16	52	45	115	207
Engineering	0	22	22	8	52	3	44	83	67	197	249
Scientists	0	2	2	0	4	0	3	8	8	19	23
Technicians	0	1	13	2	16	1	6	12	9	28	44
Crafts	0	1	1	0	2	0	4	25	48	77	79
Laborers	0	4	4	4	12	4	18	16	6	44	56
Operators	0	2	9	6	17	0	7	44	52	103	120
JA Jones	0	4	7	15	26	1	10	48	103	162	188
Total	13	91	180	111	395	11	128	362	445	946	1341

Appendix B. Most Common Job Titles in Each Job Category

ADMINISTRATIVE	MANAGER WASTE MANAGEMENT*	PROJ CONTRACTS/PURCHASES SUPERVISOR
ACCOUNTING ASSOCIATE	PRINCIPAL AUDITOR	PROJ CONTROLS ENGINEER*
ADMINISTRATIVE ASSISTANT*	PRINCIPAL ENG/PRINCIPAL SCIENTIST*	PROJ HLTH PHYSICIST/IND HYG*
BECHTEL JACOBS STAFF	PRINCIPAL PROJ CONTROLS ENG	PROJ OPERATIONS SPECIALIST
CLERICAL ASSISTANT	PROGRAM MANAGER	PROJ/OFFICE SECURITY SUPERVISOR/SPEC
CLERK	PROJ ACCOUNTING MANAGER	PUBLIC RELATIONS REPRESENTATIVE
CUSTOMER SERVICE REP	PROJ ADMINISTRATOR*	PUBLIC RELATIONS SPECIALIST
HUMAN RESOURCES REPRESENTATIVE*	PROJ CONTROLS MANAGER	SAFETY REPRESENTATIVE
INTERMEDIATE ACCOUNTANT*	PROJ ENGINEER*	SAFETY/HEALTH REPRESENTATIVE*
JUNIOR ACCOUNTANT	PROJ FIELD PROCUREMENT MANAGER	SECTION SUPERVISOR
MATERIAL CONTROLLER	PROJ MANAGER	SECURITY OFFICER*
OFFICE ASSISTANT	PROJ PROCUREMENT MANAGER	SECURITY SPECIALIST/PROJS
OFFICE SERVICES ASSISTANT	PROJ QUALITY ASSURANCE ENG*	SENIOR ACCOUNTANT
PROJ CONTROLS TECHNICIAN	PROJ SAFETY & HEALTH SUPERVISOR*	SENIOR AUTOMATION SUPPORT ANALYST
SECRETARY*	PUBLIC RELATIONS SUPERVISOR	SENIOR BUYER
TECHNICAL SPECIALIST*	QUALITY ASSURANCE MANAGER PROGRAMS	SENIOR CLASSIFICATION SPECIALIST
	QUALITY ASSURANCE SUPERVISOR*	SENIOR CONTRACTS/PURCHASES SUPV*
MANAGEMENT	SAFETY SVCS MGR/HEALTH SVCS MGR	SENIOR ENGINEER*
ACCOUNTING MANAGER	SENIOR BUSINESS DEVELOPMENT REP	SENIOR INDUSTRIAL HYGIENE REP
ACCOUNTING SUPERVISOR	SENIOR CONTRACTS ADMINISTRATOR	SENIOR MATERIAL CONTROLLER
AREA PUBLIC RELATIONS MANAGER	SENIOR CONTRACTS/PURCHASES SUPV*	SENIOR MATERIAL SPECIALIST
AREA SECURITY SPECIALIST (PROJS)	SENIOR PROJ CONTROLS ENGINEER*	SENIOR OCCUPATIONAL NURSE SUPV
AREA/REGIONAL SAFETY/HEALTH SVCS MGR*	SENIOR PROJ MANAGER	SENIOR PRODUCTION SUPPORT SPECIALIST
ASSISTANT CRAFT SUPERVISOR	SENIOR SCIENTIST*	SENIOR PROJ CONTROLS ENGINEER*
ASSISTANT MANAGER LABOR RELATIONS	SENIOR SECTION SUPERVISOR	SENIOR PUBLIC RELATIONS SPECIALIST
ASSISTANT MANAGER PUBLIC RELATIONS	SUPERINTENDENT*	SENIOR SAFETY REPRESENTATIVE*
ASSISTANT PROJ MANAGER	SUPERVISING CONSTRUCTION ENGINEER*	SENIOR TECHNOLOGIST*
ASSISTANT SUPERINTENDENT	SUPERVISOR BUILDINGS & GROUNDS*	SUPERVISOR/ADMINISTRATIVE SPECIALIST
BECHTEL JACOBS COMPANY PRESIDENT	SUPERVISOR PROCESS*	SYSTEMS PROGRAMMER/ANALYST*
CHIEF PLANNING/SCHED ENG	VICE PRESIDENT MANAGER OPERATIONS	TECHNICAL SPECIALIST*
CONSTRUCTION ENGINEER*		TECHNICAL WRITER/EDITOR
CONSTRUCTION MANAGER	PROFESSIONAL	TECHNOLOGIST*
CONTRACTS/PURCHASE SUPV SPECIALIST	ACCOUNTANT	
CONTRACTS/PURCHASES MANAGER	ACCOUNTING SPECIALIST	ENGINEERING
CONTRACTS/PURCHASES SUPERVISOR	ADMINISTRATIVE ASSISTANT*	AREA/REGIONAL SAFETY/HEALTH SVCS MGR*
COUNSEL*	AREA/REGIONAL SAFETY/HEALTH SVCS MGR*	CONSTRUCTION ASSISTANT*
CRAFT SUPERVISOR	AUTOMATION SUPPORT ANALYST*	CONSTRUCTION COORDINATOR
ENG SUPV/LAYOUT SUPV/SCI SUPV*	BUYER	CONSTRUCTION ENGINEER*
ENGINEERING MANAGER	COMPUTER PROGRAMMER	CONTRACTS/PURCHASES AGENT
ENGINEERING SPECIALIST*	CONSTRUCTION ENGINEER*	DEVELOPMENT ASSOCIATE
ENGINEERING SUPERVISOR	CONTRACTS ADMINISTRATOR	ENG SUPV/LAYOUT SUPV/SCI SUPV*
EXECUTIVE ASSISTANT	CONTRACTS/PURCHASES SPECIALIST	ENGINEER*
FACILITY ENGINEER/TECH SERVICES MGR	COUNSEL*	ENGINEERING SPECIALIST*
FACILITY MANAGER	FIELD NURSE	PRINCIPAL ENG/PRINCIPAL SCIENTIST*
FACILITY OPERATIONS MANAGER	GENERAL BUSINESS RESEARCHER	PROJ CONTROLS ENGINEER*
FINANCIAL ACCOUNTING MANAGER	HEALTH PHYSICS REPRESENTATIVE	PROJ ENGINEER*
GENERAL SUPERINTENDENT	HLTH PHYS SPEC/IND HYG SPEC	PROJ QUALITY ASSURANCE ENG*
HUMAN RESOURCES MANAGER	HUMAN RESOURCES ADMINISTRATOR	PROJ SAFETY & HEALTH SUPERVISOR*
IS/AT MANAGER	HUMAN RESOURCES REPRESENTATIVE*	QUALITY ASSURANCE ENGINEER
IS/AT SUPERVISOR	HUMAN RESOURCES SPECIALIST	QUALITY ASSURANCE SPECIALIST
LABOR RELATIONS REPRESENTATIVE	INFORMATION MGMT ANALYST	QUALITY ASSURANCE SUPERVISOR*
MANAGER OPERATIONS	INTERMEDIATE ACCOUNTANT*	QUALITY SPEC (SUPPLIER QUALITY)
MANAGER PROCUREMENT	MAINTENANCE PLANNER*	SAFETY SUPERVISOR
MANAGER PROJECTS	MATERIAL SPECIALIST	SAFETY/HEALTH REPRESENTATIVE*
MANAGER PROJECTS SECURITY	PROJ ADMINISTRATOR*	SCIENCE SPECIALIST*

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

(Continued)

Appendix B. Most Common Job Titles in Each Job Category

SENIOR CONSTRUCTION ENGINEER	BJC INSTRUMENT MECHANIC	JA JONES
SENIOR ENGINEER*	BJC MAINTENANCE MECHANIC	ACCOUNTING SUPPORT SPECIALIST
SENIOR GEOLOGIST*	BJC PAINTER	ADMINISTRATIVE ASSOCIATE
SENIOR PROJ CONTROLS ENGINEER*	CARPENTER*	BUILDING SERVICE WORKER
SENIOR QUALITY ASSURANCE ENGINEER	ELECTRICIAN	CABLE SPLICER
SENIOR SAFETY REPRESENTATIVE*	GARAGE MECHANIC*	CARPENTER*
SR PRINCIPAL ENG/SR PRINCIPAL SCI*	INSTRUMENT MECHANIC*	CHAUFFEUR
SR SCI SPECIALIST/SR ENG SPECIALIST*	INSTRUMENT TECHNICIAN	DEPT SUPT MAINTENANCE
SUPERINTENDENT*	INSULATOR	ELECTRICAL MECHANIC
SUPERVISING CONSTRUCTION ENGINEER*	MILLWRIGHT	ENGINEER*
SYSTEMS PROGRAMMER/ANALYST*	OUTSIDE MACHINIST	ENVIRON COMPLIANCE COORD
TECHNOLOGIST*	PAINTER*	GARAGE MECHANIC*
	PIPEFITTER	GROUNDS SERVICE WORKER
SCIENTISTS	RIGGER AND IRON WORKER	HEAVY EQUIPMENT MECHANIC
ENGINEERING SPECIALIST*	WELDER*	HEAVY EQUIPMENT OPERATOR
PRINCIPAL ENG/PRINCIPAL SCIENTIST*		HUMAN RESOURCES ASSOCIATE
PROJ HLTH PHYSICIST/IND HYGIENIST*	LABORERS	INFORMATION PROCESSOR
SCIENCE SPECIALIST*	ANIMAL FAC WKR/ANIMAL FAC ASST	INSPECTOR
SCIENTIST	BJC BUILDING SERVICE WORKER	INSTRUMENT MECHANIC*
SENIOR GEOLOGIST*	BJC CHEF	LAUNDRY WASHER
SENIOR SCIENTIST*	BJC FIRE PROTECTION SPECIALIST	LINE MECHANIC
SR PRINCIPAL ENG/SR PRINCIPAL SCI*	BJC GROUNDS SERVICE WORKER	LOCKSMITH
SR SCI SPECIALIST/SR ENG SPECIALIST*	BJC HEAD COUNTER ATTENDANT	LUBRICATOR
	BJC MATERIALS CLERK	MAINTENANCE MECHANIC
TECHNICIANS	BJC TRUCK DRIVER	MAINTENANCE PLANNER*
ASSISTANT TECHNOLOGIST	LABORER	MATERIALS CLERK
AUTOMATION SUPPORT ANALYST*	SECURITY OFFICER*	PAINTER*
CONSTRUCTION ASSISTANT*	TRUCK DRIVER*	REFRIGERATION MECHANIC
DESIGNER		SECRETARY*
MANAGER WASTE MANAGEMENT*	OPERATORS	SECURITY POLICE OFFICER*
SAFETY/HEALTH REPRESENTATIVE*	BJC OPERATOR	SHEET METAL WORKER
SENIOR TECHNOLOGIST*	BJC TSCA INCINERATOR OPERATOR	SHIPPING AND RECEIVING CLERK
TECHNICAL SPECIALIST*	CHEMICAL OPERATOR	SUPERVISOR BUILDINGS & GROUNDS*
TECHNOLOGIST*	CRANE & HEAVY EQUIPMENT DRIVER	SUPERVISOR MAINTENANCE
	MOBILE CRANE OPERATOR	SUPERVISOR PROCESS*
CRAFTS	NUCLEAR REACTOR CONTROLLER	TRUCK DRIVER*
BJC CARPENTER	OPERATOR	WELDER*
BJC ELECTRICAL MECHANIC	POWER EQUIPMENT OPERATOR	
BJC INSTRUMENT MAKER		

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

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Appendix C. 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	
	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Job Category									
Administrative	2	8	2	12	0	0	0	0	12
Management	1	2	0	3	1	1	5	7	10
Professional	1	2	3	6	0	3	3	6	12
Engineering	0	0	1	1	2	1	2	5	6
Technicians	0	1	1	2	1	0	0	1	3
Crafts	0	0	0	0	0	0	2	2	2
Laborers	0	0	0	0	0	1	0	1	1
Operators	0	0	0	0	0	0	2	2	2
JA Jones	0	1	1	2	0	5	2	7	9
Total	4	14	8	26	4	11	16	31	57

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

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

	Women				Men				Total
	Age Group			Total	Age Group			Total	
	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Job Category									
Administrative	2	9	2	13	0	0	0	0	13
Management	1	2	0	3	1	1	7	9	12
Professional	1	2	3	6	0	3	4	7	13
Engineering	0	0	1	1	2	1	2	5	6
Technicians	0	1	1	2	1	0	0	1	3
Crafts	0	0	0	0	0	0	2	2	2
Laborers	0	0	0	0	0	1	0	1	1
Operators	0	0	0	0	0	0	3	3	3
JA Jones	0	1	1	2	0	12	5	17	19
Total	4	15	8	27	4	18	23	45	72

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

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

	Women				Men				Total
	Age Group			Total	Age Group			Total	
	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
# of Calendar Days									
< 15	2	6	0	8	2	16	9	27	35
15 - 28	2	5	4	11	1	1	5	7	18
29 - 42	0	4	1	5	1	0	3	4	9
43 - 56	0	0	0	0	0	1	1	2	2
57 - 91	0	0	2	2	0	0	0	0	2
92 - 182	0	0	1	1	0	0	4	4	5
183 +	0	0	0	0	0	0	1	1	1
Total	4	15	8	27	4	18	23	45	72

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

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

	Women							Total
	Job Category							
	Admin- istra- tive	Manag- ement	Profe- ssion- al	Engin- eering	Techn- icians	JA Jones		
# of Calendar Days								
< 15	5	2	0	0	0	1	8	
15 - 28	7	0	3	0	0	1	11	
29 - 42	1	1	1	1	1	0	5	
57 - 91	0	0	2	0	0	0	2	
92 - 182	0	0	0	0	1	0	1	
Total	13	3	6	1	2	2	27	

	Men								
	Job Category								Total
	Manag- ement	Profe- ssion- al	Engin- eering	Techn- icians	Crafts	Labor- ers	Opera- tors	JA Jones	
# of Calendar Days									
< 15	2	4	2	0	0	1	1	17	27
15 - 28	2	1	2	1	0	0	1	0	7
29 - 42	3	0	1	0	0	0	0	0	4
43 - 56	0	2	0	0	0	0	0	0	2
92 - 182	2	0	0	0	1	0	1	0	4
183 +	0	0	0	0	1	0	0	0	1
Total	9	7	5	1	2	1	3	17	45

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

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

		Women				Men				Tot- al
		Age Group			Tot- al	Age Group			Tot- al	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	0	0	4	0	4	4
-Intestinal Infectious Dis	001-009	0	0	0	0	0	2	0	2	2
-HIV	042	0	0	0	0	0	1	0	1	1
-Other Viral Dis & Chlamydiae	070-079	0	0	0	0	0	1	0	1	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	0	1	0	1	1
-Lymphatic & Hematopoie- tic	200-208	0	0	0	0	0	1	0	1	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	2	0	2	0	0	0	0	2
BLOOD & BLOOD- FORMING ORGANS	280-289	0	1	0	1	0	0	0	0	1
MENTAL DISORDERS	290-319	0	1	0	1	0	4	1	5	6
-Psychoses	290-299	0	0	0	0	0	1	1	2	2
-Non- Psychotic Disorders	300-302, 306-316	0	1	0	1	0	2	0	2	3
-Alcohol Dependence	303	0	0	0	0	0	1	0	1	1

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

(Continued)

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

		Women				Men				Tot- al
		Age Group			Tot- al	Age Group			Tot- al	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	1	2	0	0	2	2	4
-Disorders of Peripheral NS	350-359	0	1	1	2	0	0	0	0	2
-Disorders of Eye	360-379	0	0	0	0	0	0	1	1	1
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	1	1	1
CIRCULATORY SYSTEM	390-459	0	1	2	3	0	1	8	9	12
-Ischemic Heart Dis	410-414	0	0	1	1	0	1	2	3	4
-Dis of Pulmonary Circulation	415-417	0	0	0	0	0	0	2	2	2
-Other Heart Dis	420-429	0	0	0	0	0	0	2	2	2
-Dis of Veins, Lymphatics, Other	451-459	0	1	1	2	0	0	2	2	4
RESPIRATORY SYSTEM	460-519	0	5	0	5	2	7	3	12	17
-Acute Respiratory Infections	460-466	0	1	0	1	0	1	1	2	3
-Other Dis Upper Respiratory Tract	470-478	0	3	0	3	2	0	2	4	7

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

(Continued)

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

		Women				Men				Tot- al
		Age Group			Tot- al	Age Group			Tot- al	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
-Pneumonia & Influenza	480-487	0	0	0	0	0	3	0	3	3
-Chronic Obstructive Dis	490-496	0	1	0	1	0	3	0	3	4
DIGESTIVE SYSTEM	520-579	1	4	0	5	0	2	5	7	12
-Oral Cavity, Saliva Glands, Jaw	520-529	0	1	0	1	0	0	0	0	1
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0	0	2	2	2
-Hernia	550-553	0	1	0	1	0	1	2	3	4
-Other Intestinal Dis	560-569	0	1	0	1	0	1	0	1	2
-Other Digestive Dis	570-579	1	1	0	2	0	0	1	1	3
GENITOURIN- ARY SYSTEM	580-629	3	2	0	5	0	0	0	0	5
-Other Urinary Dis	590-599	0	1	0	1	0	0	0	0	1
-Other Female Disorders	617-629	3	1	0	4	0	0	0	0	4
SKIN & SUBCUTANEO- US TISSUE	680-709	0	0	0	0	1	0	0	1	1
-Other	700-709	0	0	0	0	1	0	0	1	1

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

(Continued)

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

		Women				Men				Tot- al
		Age Group			Tot- al	Age Group			Tot- al	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
MUSCULOSKE- LETAL & CONNECTIVE TISSUE	710-739	1	3	4	8	2	2	4	8	16
-Arthropat- hies	710-719	0	1	1	2	1	0	4	5	7
-Dorsopath- ies	720-724	0	2	2	4	1	2	0	3	7
-Rheumatis- m, Excluding Back	725-729	1	0	1	2	0	0	0	0	2
CONGENITAL ANOMALIES	740-759	0	0	1	1	1	0	0	1	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	1	0	1	0	4	2	6	7
-Symptoms	780-789	0	1	0	1	0	4	2	6	7
INJURY & POISONING	800-999	1	0	5	6	2	3	10	15	21
-Fracture - Upper Limb	810-819	0	0	0	0	2	0	0	2	2
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	1	1	1
-Dislocati- on	830-839	0	0	2	2	0	0	0	0	2
-Sprains & Strains - Back	846-847	1	0	0	1	0	2	2	4	5
-Sprains & Strains - Other	840-845, 848	0	0	2	2	0	0	6	6	8

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

(Continued)

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

		Women				Men				Tot- al
		Age Group			Tot- al	Age Group			Tot- al	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
-Complicat- ions & Unspecified Injuries	958-959	0	0	1	1	0	0	0	0	1
-Unspecifi- ed Effects External Causes	990-995	0	0	0	0	0	1	1	2	2
Total		6	21	13	40	8	28	35	71	111

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

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Appendix H. 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	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	0	0	16	0	16	16
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	0	13	0	13	13
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	79	0	79	0	0	0	0	79
BLOOD & BLOOD- FORMING ORGANS	280-289	0	37	0	37	0	0	0	0	37
MENTAL DISORDERS	290-319	0	7	0	7	0	28	183	211	218
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	31	28	59	0	0	15	15	74
CIRCULATORY SYSTEM	390-459	0	17	52	69	0	43	102	145	214
RESPIRATORY SYSTEM	460-519	0	30	0	30	10	6	23	39	69
DIGESTIVE SYSTEM	520-579	14	49	0	63	0	34	36	70	133
GENITOURIN- ARY SYSTEM	580-629	26	43	0	69	0	0	0	0	69
SKIN & SUBCUTANEO- US TISSUE	680-709	0	0	0	0	10	0	0	10	10

*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 2000

Appendix H. 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	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
MUSCULOSKE- LETAL & CONNECTIVE TISSUE	710-739	27	19	117	163	52	2	327	381	544
CONGENITAL ANOMALIES	740-759	0	0	92	92	21	0	0	21	113
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	39	0	39	0	11	10	21	60
INJURY & POISONING	800-999	11	0	156	167	10	11	453	474	641

*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.

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

		Women						
		Job Category						Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	JA Jones	
Diagnostic Category	ICD-9-CM Code							
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	1	0	1	0	0	0	2
BLOOD & BLOOD FORMING ORGANS	280-289	1	0	0	0	0	0	1
MENTAL DISORDERS	290-319	0	1	0	0	0	0	1
-Non- Psychotic Disorders	300-302, 306- 316	0	1	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	1	0	1	0	2
-Disorders of Peripheral NS	350-359	0	0	1	0	1	0	2
CIRCULATORY SYSTEM	390-459	1	0	1	1	0	0	3
-Ischemic Heart Dis	410-414	1	0	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	1	1	0	0	2
RESPIRATORY SYSTEM	460-519	5	0	0	0	0	0	5
-Acute Respiratory Infections	460-466	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)

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

		Women						
		Job Category						Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	JA Jones	
Diagnostic Category	ICD-9-CM Code							
-Other Dis Upper Respiratory Tract	470-478	3	0	0	0	0	0	3
-Chronic Obstructive Dis	490-496	1	0	0	0	0	0	1
DIGESTIVE SYSTEM	520-579	4	0	0	0	0	1	5
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	0	0	0	0	1
-Hernia	550-553	1	0	0	0	0	0	1
-Other Intestinal Dis	560-569	0	0	0	0	0	1	1
-Other Digestive Dis	570-579	2	0	0	0	0	0	2
GENITOURINARY SYSTEM	580-629	2	0	3	0	0	0	5
-Other Urinary Dis	590-599	1	0	0	0	0	0	1
-Other Female Disorders	617-629	1	0	3	0	0	0	4
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	4	1	1	0	0	2	8
-Arthropathi- es	710-719	1	0	1	0	0	0	2
-Dorsopathies	720-724	1	1	0	0	0	2	4

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

(Continued)

East Tennessee Technology Park 2000

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

		Women						
		Job Category						Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	JA Jones	
Diagnostic Category	ICD-9-CM Code							
-Rheumatism, Excluding Back	725-729	2	0	0	0	0	0	2
CONGENITAL ANOMALIES	740-759	0	0	0	0	1	0	1
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	0	1	0	0	0	0	1
-Symptoms	780-789	0	1	0	0	0	0	1
INJURY & POISONING	800-999	1	1	4	0	0	0	6
-Dislocation	830-839	0	0	2	0	0	0	2
-Sprains & Strains - Back	846-847	0	1	0	0	0	0	1
-Sprains & Strains - Other	840-845, 848	0	0	2	0	0	0	2
-Complicatio- ns & Unspecified Injuries	958-959	1	0	0	0	0	0	1
Total		19	4	11	1	2	3	40

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

(Continued)

East Tennessee Technology Park 2000

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

		Men								
		Job Category								Total
		Man- gemen- t	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	1	0	0	0	0	0	3	4
-Intestinal Infectious Dis	001-009	0	0	0	0	0	0	0	2	2
-HIV	042	0	1	0	0	0	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	0	0	0	0	0	0	0	1	1
MALIGNANT NEOPLASMS	140-208, 230- 234	0	1	0	0	0	0	0	0	1
-Lymphatic & Hematopoietic	200-208	0	1	0	0	0	0	0	0	1
MENTAL DISORDERS	290-319	0	2	0	0	1	1	0	1	5
-Psychoses	290-299	0	0	0	0	1	1	0	0	2
-Non- Psychotic Disorders	300-302, 306- 316	0	1	0	0	0	0	0	1	2
-Alcohol Dependence	303	0	1	0	0	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	0	0	0	1	1	2
-Disorders of Eye	360-379	0	0	0	0	0	0	1	0	1
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	1	1

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

(Continued)

East Tennessee Technology Park 2000

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

		Men								
		Job Category								Total
		Man- gemen- t	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	JA Jones	
Diagnostic Category	ICD-9-CM Code									
CIRCULATORY SYSTEM	390-459	6	3	0	0	0	0	0	0	9
-Ischemic Heart Dis	410-414	2	1	0	0	0	0	0	0	3
-Dis of Pulmonary Circulation	415-417	1	1	0	0	0	0	0	0	2
-Other Heart Dis	420-429	2	0	0	0	0	0	0	0	2
-Dis of Veins, Lymphatics, Other	451-459	1	1	0	0	0	0	0	0	2
RESPIRATORY SYSTEM	460-519	0	2	2	0	0	0	0	8	12
-Acute Respiratory Infections	460-466	0	0	0	0	0	0	0	2	2
-Other Dis Upper Respiratory Tract	470-478	0	2	2	0	0	0	0	0	4
-Pneumonia & Influenza	480-487	0	0	0	0	0	0	0	3	3
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	0	3	3
DIGESTIVE SYSTEM	520-579	1	3	3	0	0	0	0	0	7
-Esophagus, Stomach, Duodenum	530-537	0	2	0	0	0	0	0	0	2

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

(Continued)

East Tennessee Technology Park 2000

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

		Men								
		Job Category								Total
		Man- age- ment	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	1	2	0	0	0	0	0	3
-Other Intestinal Dis	560-569	1	0	0	0	0	0	0	0	1
-Other Digestive Dis	570-579	0	0	1	0	0	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	1	0	0	0	0	0	1
-Other	700-709	0	0	1	0	0	0	0	0	1
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	2	0	1	1	1	0	1	2	8
-Arthropathi- es	710-719	2	0	1	0	1	0	1	0	5
-Dorsopathies	720-724	0	0	0	1	0	0	0	2	3
CONGENITAL ANOMALIES	740-759	0	0	0	1	0	0	0	0	1
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	0	1	0	0	0	0	0	5	6
-Symptoms	780-789	0	1	0	0	0	0	0	5	6
INJURY & POISONING	800-999	6	1	0	0	0	0	1	7	15
-Fracture - Upper Limb	810-819	2	0	0	0	0	0	0	0	2
-Fracture - Lower Limb	820-829	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 2000

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

		Men								
		Job Category								Total
		Man- gemen- t	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	JA Jones	
Diagnostic Category	ICD-9-CM Code									
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	4	4
-Sprains & Strains - Other	840-845, 848	3	0	0	0	0	0	1	2	6
-Unspecified Effects - External Causes	990-995	1	0	0	0	0	0	0	1	2
Total		15	14	7	2	2	1	3	27	71

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

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

		Women						
		Job Category						Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	JA Jones	
Diagnostic Category	ICD-9-CM Code							
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	37	0	42	0	0	0	79
BLOOD & BLOOD FORMING ORGANS	280-289	37	0	0	0	0	0	37
MENTAL DISORDERS	290-319	0	7	0	0	0	0	7
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	28	0	31	0	59
CIRCULATORY SYSTEM	390-459	20	0	17	32	0	0	69
RESPIRATORY SYSTEM	460-519	30	0	0	0	0	0	30
DIGESTIVE SYSTEM	520-579	55	0	0	0	0	8	63
GENITOURINARY SYSTEM	580-629	43	0	26	0	0	0	69
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	57	7	77	0	0	22	163
CONGENITAL ANOMALIES	740-759	0	0	0	0	92	0	92
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	0	39	0	0	0	0	39
INJURY & POISONING	800-999	18	11	138	0	0	0	167

*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)

East Tennessee Technology Park 2000

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

		Men								
		Job Category								Total
		Man- gemen- t	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	13	0	0	0	0	0	3	16
MALIGNANT NEOPLASMS	140-208, 230- 234	0	13	0	0	0	0	0	0	13
MENTAL DISORDERS	290-319	0	10	0	0	183	9	0	9	211
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	0	0	0	14	1	15
CIRCULATORY SYSTEM	390-459	87	58	0	0	0	0	0	0	145
RESPIRATORY SYSTEM	460-519	0	9	10	0	0	0	0	20	39
DIGESTIVE SYSTEM	520-579	10	6	54	0	0	0	0	0	70
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	10	0	0	0	0	0	10
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	197	0	31	21	103	0	27	2	381
CONGENITAL ANOMALIES	740-759	0	0	0	21	0	0	0	0	21
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	0	9	0	0	0	0	0	12	21
INJURY & POISONING	800-999	263	52	0	0	0	0	131	28	474

*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 2000

Appendix K. 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	4	2.5	0.9	6.7
Malignant Neoplasms	140-208, 230-234	1	0.6	0.1	4.5
-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	1	0.6	0.1	4.5
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	5	3.0	1.3	7.3
-Alcoholism	303	1	0.6	0.1	4.5
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	2	1.0	0.3	4.0
Circulatory System	390-459	9	12.1	6.1	23.9
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	2	2.2	0.5	9.9
-Ischemic Disease, not M.I.	411-414, 429.2	1	0.5	0.1	3.6
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	12	11.3	6.0	21.3
-Upper Respiratory	460-465, 470-478	6	7.6	3.2	17.9
-Pneumonia/Bronchitis	466, 480-487	3	1.9	0.6	5.8
-Chronic Respiratory Conditions	490-496	3	1.9	0.6	5.8
Digestive System	520-579	7	4.8	2.1	11.1
-Hernias	550-553	3	1.6	0.5	5.1
-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	1	1.7	0.2	11.8
Musculoskeletal System	710-739	8	7.6	3.5	16.8
-Dorsopathies	720-724	3	2.9	0.8	10.3
Congenital Anomalies	740-759	1	1.7	0.2	11.8
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	6	4.6	1.9	11.1
Injury & Poisoning	800-999	15	12.4	6.9	22.2
-Fractures, All Sites	800-829	3	4.9	1.6	15.1
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	10	5.3	2.8	9.9
-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	2	2.2	0.5	9.9
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		71	63.3	48.6	82.4

* 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 2000

Appendix K. 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	2	2.5	0.6	10.1
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	1	1.3	0.2	9.0
Mental Disorders	290-319	1	1.3	0.2	9.0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	2	3.2	0.8	13.2
Circulatory System	390-459	3	12.2	2.7	54.4
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	1	1.9	0.3	13.8
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	5	6.3	2.6	15.1
-Upper Respiratory	460-465, 470-478	4	5.0	1.9	13.4
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	1	1.3	0.2	9.0
Digestive System	520-579	5	7.4	3.0	18.4
-Hernias	550-553	1	1.3	0.2	9.0
-Gallbladder Disease	574-575	2	3.6	0.8	15.3
Genitourinary System	580-629	5	9.5	3.8	23.6
-Endometriosis	617	1	2.3	0.3	16.6
-Ovarian Cysts	620.0-620.2	1	2.3	0.3	16.6
-Female Genital Pain/Bleeding	625-626	2	3.6	0.8	15.3
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	8	13.9	6.8	28.3
-Dorsopathies	720-724	4	6.4	2.4	17.5
Congenital Anomalies	740-759	1	9.0	1.3	64.0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	1	1.3	0.2	9.0
Injury & Poisoning	800-999	6	12.1	5.4	26.9
-Fractures, All Sites	800-829	0	0	0	0
-Dislocations	830-839	2	3.9	1.0	15.6
-Sprains & Strains	840-848	3	6.2	2.0	19.4
-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	1.9	0.3	13.8
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
Total		40	79.9	53.4	119.6

* 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 2000

Appendix K. 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	4	1.7	0.6	4.5
Malignant Neoplasms	140-208, 230-234	1	0.4	0.1	3.0
-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	1	0.4	0.1	3.0
Benign Neoplasms & Other	210-229, 235-239	2	0.8	0.2	3.3
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	1	0.4	0.1	3.0
Mental Disorders	290-319	6	2.5	1.1	5.6
-Alcoholism	303	1	0.4	0.1	3.0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	4	1.6	0.6	4.3
Circulatory System	390-459	12	12.3	6.6	22.7
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	2	1.7	0.4	8.3
-Ischemic Disease, not M.I.	411-414, 429.2	2	0.8	0.2	3.2
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	17	10.0	5.8	17.2
-Upper Respiratory	460-465, 470-478	10	7.1	3.5	14.3
-Pneumonia/Bronchitis	466, 480-487	3	1.3	0.4	3.9
-Chronic Respiratory Conditions	490-496	4	1.7	0.6	4.5
Digestive System	520-579	12	6.4	3.4	12.2
-Hernias	550-553	4	1.6	0.6	4.4
-Gallbladder Disease	574-575	2	1.4	0.3	6.2
Genitourinary System	580-629	5	3.7	1.5	9.5
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	1	1.0	0.1	6.9
-Ovarian Cysts	620.0-620.2	1	1.0	0.1	6.9
-Female Genital Pain/Bleeding	625-626	2	1.4	0.3	6.2
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	1	1.0	0.1	6.9
Musculoskeletal System	710-739	16	9.1	5.3	15.8
-Dorsopathies	720-724	7	3.4	1.6	7.6
Congenital Anomalies	740-759	2	2.3	0.6	9.4
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	7	3.8	1.6	9.0
Injury & Poisoning	800-999	21	12.0	7.4	19.6
-Fractures, All Sites	800-829	3	3.3	1.0	10.3
-Dislocations	830-839	2	0.8	0.2	3.2
-Sprains & Strains	840-848	13	5.8	3.3	10.3
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	0	0	0	0
-Other Injuries	900-999	3	2.2	0.6	8.1
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		111	68.2	55.1	84.4

* 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 L. Relative Risk Estimates for Selected Diagnostic Categories Among Absences

Diagnostic Category	Administrative 147 Person-Years				Management 228 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	12	1.5	0.7	3.2	10	1.2	0.6	2.3	12	1.3	0.7	2.5
Digestive System	4	7.4	0.8	64.4	1	0.6	0.1	5.0	1	0.5	0.1	3.6
Musculoskeletal & Connective Tissue	4	2.2	0.5	9.5	3	1.5	0.4	5.4	1	0.4	0.04	2.8
Injury & Poisoning	1	0.5	0.1	5.2	4	2.0	0.7	6.4	3	1.9	0.5	7.0

Diagnostic Category	Engineering 249 Person-Years				Scientists 23 Person-Years				Technicians 44 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	6	0.6	0.2	1.4	0				3	1.5	0.5	4.8
Digestive System	3	2.2	0.6	8.8	0				0			
Musculoskeletal & Connective Tissue	1	0.3	0.03	2.9	0				1	2.0	0.3	15.6
Injury & Poisoning	0				0				0			

Diagnostic Category	Crafts 79 Person-Years				Laborers 56 Person-Years				Operators 120 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	2	0.7	0.2	3.1	1	0.5	0.1	3.4	2	0.4	0.1	1.7
Digestive System	0				0				0			
Musculoskeletal & Connective Tissue	1	1.6	0.2	14.1	0				1	0.9	0.1	6.9
Injury & Poisoning	0				0				1	0.8	0.1	6.6

Diagnostic Category	JA Jones 188 Person-Years				Tota l Pers ons with 1+ Even t
	Pers ons with 1+ Even t*	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	9	1.3	0.6	2.6	57
Digestive System	1	0.9	0.1	5.4	10
Musculoskeletal & Connective Tissue	3	1.7	0.5	6.0	15
Injury & Poisoning	4	2.3	0.7	7.4	13

* 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 M. 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 *nonproduction*. 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-two conditions are included in this group.

Nonproduction: Disease conditions that can be related to occupations within the DOE complex but not exposures related to production or cleanup activities. There are 11 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 nonproduction*.

Diagnoses - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
155	Hemangiosarcoma of the liver	
158, 163	Mesothelioma (MN of peritoneum and pleura)	Production
187.7	Malignant neoplasm of scrotum	Production
354	Carpal tunnel syndrome	Non-production
354.0	Mononeuritis of upper limb and mononeuritis multiplex	
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	
504	Byssinosis	
506.0	Acute bronchitis, pneumonitis, and pulmonary edema due to fumes and vapors	Non-production

(Continued)

Appendix M. Sentinel Health Events for Occupations (SHEO)

Diagnoses - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
011	Pulmonary tuberculosis	
011,502	Silicotuberculosis	Production
020	Plague	
021	Tularemia	
022	Anthrax	
023	Brucellosis	
031.1	Fish-fancier's finger	
054.6	Herpetic whitlow	
037	Tetanus	Non-production
042	Human immuno-deficiency virus	
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

(Continued)

Appendix M. 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, nonautoimmune	
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)	
334.3	Cerebellar ataxia	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
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	

East Tennessee Technology Park 2000

OSHA Data

Appendix N. Number of Workers with at Least One OSHA Event 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	0	0	0	1	0	0	0	0	1
Professional	0	0	0	1	1	0	0	0	0	1
Engineering	0	0	0	0	0	0	0	1	1	1
Crafts	0	0	0	0	0	0	1	0	1	1
Laborers	0	1	1	0	2	1	0	0	1	3
Operators	0	1	0	0	1	0	0	2	2	3
JA Jones	0	0	0	2	2	0	2	3	5	7
Total	1	2	1	3	7	1	3	6	10	17

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

East Tennessee Technology Park 2000

OSHA Data

Appendix 0. 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									
16 - 29	1	0	0	0	0	0	1	0	0
30 - 39	2	51	4	1	3	0	3	54	4
40 - 49	1	90	14	3	112	21	4	202	35
50 +	3	41	40	6	29	129	9	70	169
Total	7	182	58	10	144	150	17	326	208

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OSHA Data

Appendix P. 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	1	0	0	0	0	0	1	0	0
Professional	1	0	0	0	0	0	1	0	0
Engineering	0	0	0	1	0	0	1	0	0
Crafts	0	0	0	1	0	4	1	0	4
Laborers	2	105	18	1	3	0	3	108	18
Operators	1	36	0	2	7	50	3	43	50
JA Jones	2	41	40	5	134	96	7	175	136
Total	7	182	58	10	144	150	17	326	208

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

East Tennessee Technology Park 2000

OSHA Data

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

		Women					Men				Total
		Age Group				Total	Age Group			Total	
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code										
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	1	1	0	0	0	0	1
-Disorders of Peripheral NS	350-359	0	0	0	1	1	0	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	0	0	0	1	1	1
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	1	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	0	0	0	1	0	1	0	1	2
-Rheumatism, Excluding Back	725-729	1	0	0	0	1	0	1	0	1	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	0	0	1	0	0	1	1
-Symptoms	780-789	0	0	0	0	0	1	0	0	1	1
INJURY & POISONING	800-999	0	2	2	4	8	1	4	5	10	18
-Sprains & Strains - Back	846-847	0	0	0	2	2	0	0	2	2	4
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	1	1	2	4	4

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

(Continued)

East Tennessee Technology Park 2000

OSHA Data

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

		Women					Men				Total
		Age Group				Total	Age Group			Total	
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code										
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	2	2	0	1	0	1	3
-Complicatio- ns & Unspecified Injuries	958-959	0	2	2	0	4	0	2	1	3	7
Total		1	2	2	5	10	2	5	6	13	23

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

East Tennessee Technology Park 2000

OSHA Data

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	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	0	0	0	0	0	0	0	40
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	41	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	0	0	51	4	90	14	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.

(Continued)

East Tennessee Technology Park 2000

OSHA Data

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

		Men					
		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						
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	112	17	0	0
-Symptoms	780-789	3	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	50
-Sprains & Strains - Other	840-845, 848	3	0	112	17	7	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	0	0	112	21	22	79

*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 2000

OSHA Data

Appendix S. Number of Occurrences in Each Accident Category 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 +		
Type of Accident	E Codes										
Falls	E880-E888	0	2	1	1	4	0	0	0	0	4
Other Accidents	E916-E928	1	0	0	2	3	1	3	5	9	12

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

East Tennessee Technology Park 2000

OSHA Data

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes								
Falls	E880-E888	0	0	51	4	90	14	0	0
Other Accidents	E916-E928	0	0	0	0	0	0	41	40

		Men					
		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	3	0	112	21	29	129

*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 2000

OSHA Data

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

		Women					
		Job Category					Total
		Admi- nist- rati- ve	Prof- essi- onal	Labo- rers	Oper- ators	JA Jones	
Diagnostic Category	ICD-9-CM Code						
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	0	1	1
-Disorders of Peripheral NS	350-359	0	0	0	0	1	1
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	1	0	0	0	0	1
-Rheumatism, Excluding Back	725-729	1	0	0	0	0	1
INJURY & POISONING	800-999	0	2	3	1	2	8
-Sprains & Strains - Back	846-847	0	0	0	0	2	2
-Open Wound - Head, Neck, Trunk	870-879	0	2	0	0	0	2
-Complicatio- ns & Unspecified Injuries	958-959	0	0	3	1	0	4
Total		1	2	3	1	3	10

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

(Continued)

East Tennessee Technology Park 2000

OSHA Data

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

		Men					
		Job Category					Total
		Engi- neer- ing	Craf- ts	Labo- rers	Oper- ators	JA Jones	
Diagnostic Category	ICD-9-CM Code						
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	1	1
-Other Inflammatory Conditions	690-698	0	0	0	0	1	1
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	0	0	0	0	1	1
-Rheumatism, Excluding Back	725-729	0	0	0	0	1	1
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	0	0	1	0	0	1
-Symptoms	780-789	0	0	1	0	0	1
INJURY & POISONING	800-999	1	1	1	2	5	10
-Sprains & Strains - Back	846-847	0	0	0	1	1	2
-Sprains & Strains - Other	840-845, 848	1	0	1	1	1	4
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	1	1

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

(Continued)

East Tennessee Technology Park 2000

OSHA Data

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

		Men					
		Job Category					Total
		Engi- neer- ing	Craf- ts	Labo- rers	Oper- ators	JA Jones	
Diagnostic Category	ICD-9-CM Code						
-Complicatio- ns & Unspecified Injuries	958-959	0	1	0	0	2	3
Total		1	1	2	2	7	13

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

East Tennessee Technology Park 2000

OSHA Data

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

		Women									
		Job Category									
		Administ- rative		Professi- onal		Laborers		Operators		JA Jones	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	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	0	0	0	0	0	0	0	0	0	40
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	0	41	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	105	18	36	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.

(Continued)

East Tennessee Technology Park 2000

OSHA Data

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

		Men									
		Job Category									
		Engineer- ing		Crafts		Laborers		Operators		JA Jones	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes										
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0	112	17
-Symptoms	780-789	0	0	0	0	3	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	50	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	3	0	7	0	112	17
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	4	0	0	0	0	134	96

*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 2000

OSHA Data

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

		Women					
		Job Category					Total
		Admi- nist- rati- ve	Prof- essi- onal	Labo- rers	Oper- ators	JA Jones	
Type of Accident	E CODES						
Falls	E880-E888	0	1	2	1	0	4
Other Accidents	E916-E928	1	0	0	0	2	3

		Men					
		Job Category					Total
		Engi- neer- ing	Craf- ts	Labo- rers	Oper- ators	JA Jones	
Type of Accident	E CODES						
Other Accidents	E916-E928	1	1	1	2	4	9

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

East Tennessee Technology Park 2000

OSHA Data

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

		Women									
		Job Category									
		Administrative		Professional		Laborers		Operators		JA Jones	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes										
Falls	E880-E888	0	0	0	0	105	18	36	0	0	0
Other Accidents	E916-E928	0	0	0	0	0	0	0	0	41	40

		Men									
		Job Category									
		Engineer- ing		Crafts		Laborers		Operators		JA Jones	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	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	0	0	0	4	3	0	7	50	134	96

*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 2000

OSHA Data

Appendix Y. 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	0	0	0	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	1	0.5	0.1	3.6
Musculoskeletal System	710-739	1	0.6	0.1	4.5
-Dorsopathies	720-724	0	0	0	0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	1	1.7	0.2	11.8
Injury & Poisoning	800-999	10	6.7	3.3	13.4
-Fractures, All Sites	800-829	0	0	0	0
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	6	4.3	1.7	10.9
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	0.6	0.1	4.5
-Other Injuries	900-999	3	1.8	0.6	5.5
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		13	9.5	5.1	17.6

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

(Continued)

East Tennessee Technology Park 2000

OSHA Data

Appendix Y. 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	1	1.9	0.3	13.8
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
-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	1	21.6	3.0	153.5
-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	8	15.0	7.4	30.4
-Fractures, All Sites	800-829	0	0	0	0
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	2	3.9	1.0	15.6
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	2	3.9	1.0	15.6
-Other Injuries	900-999	4	7.2	2.6	20.0
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		10	38.5	12.4	120.2

* 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 2000

OSHA Data

Appendix Y. 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	1	0.4	0.1	2.8
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	1	0.4	0.1	2.8
Musculoskeletal System	710-739	2	12.1	1.8	80.6
-Dorsopathies	720-724	0	0	0	0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	1	1.0	0.1	6.9
Injury & Poisoning	800-999	18	9.0	5.5	14.9
-Fractures, All Sites	800-829	0	0	0	0
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	8	3.8	1.8	8.0
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	3	1.2	0.4	3.8
-Other Injuries	900-999	7	4.0	1.8	9.0
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		23	22.9	8.2	63.9

* 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.

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OSHA Data

Appendix Z. Relative Risk Estimates for Selected Diagnostic Categories Among OSHA Events

Diagnostic Category	Administrative 147 Person-Years				Management 228 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	1	0.2	0.02	2.5	0				1	0.3	0.04	2.2
Injury & Poisoning	0				0				1	0.4	0.1	3.3

Diagnostic Category	Engineering 249 Person-Years				Scientists 23 Person-Years				Technicians 44 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	1	0.3	0.05	2.3	0				0			
Injury & Poisoning	1	0.4	0.1	2.5	0				0			

Diagnostic Category	Crafts 79 Person-Years				Laborers 56 Person-Years				Operators 120 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	1	1.1	0.1	8.2	3	7.6	1.8	31.7	3	2.4	0.7	8.5
Injury & Poisoning	1	1.3	0.2	9.6	3	8.8	2.1	38.0	3	2.9	0.8	10.2

Diagnostic Category	JA Jones 188 Person-Years				Total Perso ns with 1+ Event
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upper 95% CI***	
All Diagnostic Categories	7	4.9	1.7	14.2	17
Injury & Poisoning	5	3.5	1.1	11.2	14

* 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