

SUPPORTING TABLES

EAST TENNESSEE TECHNOLOGY PARK: 2001

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	28	51	39	123	0	1	2	0	3	126
Management	1	3	13	6	23	0	9	45	95	149	172
Professional	4	18	41	22	85	3	12	42	46	103	188
Engineering	0	15	10	9	34	3	25	64	67	159	193
Scientists	0	1	1	2	4	0	3	3	10	16	20
Technicians	0	1	8	2	11	0	3	8	7	18	29
Crafts	0	0	1	0	1	0	1	3	5	9	10
Laborers	0	1	1	2	4	3	12	7	4	26	30
Operators	0	0	2	0	2	0	0	1	4	5	7
JA Jones	0	3	7	16	26	0	8	43	108	159	185
Total	10	70	135	98	313	9	74	218	346	647	960

Appendix B. Most Common Job Titles in Each Job Category

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

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

(Continued)

Appendix B. Most Common Job Titles in Each Job Category

INTERMEDIATE ACCOUNTANT*	SCIENCE SPECIALIST*
MATERIAL SPECIALIST	SENIOR CONSTRUCTION ENGINEER
PROJ ADMINISTRATOR	SENIOR ENGINEER*
PROJ CONTRACTS/PURCHASES SUPERVISOR	SENIOR PROJ CONTROLS ENGINEER*
PROJ CONTROLS ENGINEER*	SENIOR QUALITY ASSURANCE ENGINEER
PROJ HLTH PHYSICIST/PROJ IND HYG*	SENIOR SAFETY REPRESENTATIVE*
PROJ OPERATIONS SPECIALIST	SR PRINCIPAL ENG/SR PRINCIPAL SCI*
PROJ/OFFICE SECURITY SUPERVISOR/SPEC	SR SCI SPECIALIST/SR ENG SPECIALIST*
PUBLIC RELATIONS REPRESENTATIVE	SUPERINTENDENT*
PUBLIC RELATIONS SPECIALIST	SUPERVISING CONSTRUCTION ENGINEER*
SAFETY REPRESENTATIVE	SYSTEMS PROGRAMMER/ANALYST*
SAFETY SUPERVISOR*	
SAFETY/HEALTH REPRESENTATIVE*	SCIENTISTS
SECTION SUPERVISOR	ENGINEERING SPECIALIST*
SECURITY SPECIALIST/PROJECTS	HLTH PHYS SPEC/IND HYG SPEC*
SENIOR ACCOUNTANT	PRINCIPAL ENG/PRINCIPAL SCIENTIST*
SENIOR BUYER	PROJ HLTH PHYSICIST/PROJ IND HYGIENIST*
SENIOR CLASSIFICATION SPECIALIST	SCIENCE SPECIALIST*
SENIOR CONTRACTS/PURCHASES SUPV*	SCIENTIST
SENIOR ENGINEER*	SENIOR GEOLOGIST
SENIOR INDUSTRIAL HYGIENE REP	SENIOR SCIENTIST*
SENIOR MATERIAL CONTROLLER	SR PRINCIPAL ENG/SR PRINCIPAL SCI*
SENIOR MATERIAL SPECIALIST	SR SCI SPECIALIST/SR ENG SPECIALIST*
SENIOR OCCUPATIONAL NURSE SUPV	
SENIOR PRODUCTION SUPPORT SPECIALIST	TECHNICIANS
SENIOR PROJ CONTROLS ENGINEER*	ASSISTANT TECHNOLOGIST
SENIOR PUBLIC RELATIONS SPECIALIST	AUTOMATION SUPPORT ANALYST*
SENIOR SAFETY REPRESENTATIVE*	CONSTRUCTION ASSISTANT*
SUPERVISOR/ADMINISTRATIVE SPECIALIST	SAFETY/HEALTH REPRESENTATIVE*
SYSTEMS PROGRAMMER/ANALYST*	TECHNICAL SPECIALIST*
TECHNICAL SPECIALIST*	TECHNOLOGIST
TECHNICAL WRITER/EDITOR	
ENGINEERING	CRAFTS
AREA/REGIONAL SAFETY/HEALTH SVCS MGR*	BJC CARPENTER
CONSTRUCTION ASSISTANT*	BJC INSTRUMENT MECHANIC
CONSTRUCTION COORDINATOR	BJC MAINTENANCE MECHANIC
CONSTRUCTION ENGINEER*	ELECTRICIAN
CONTRACTS/PURCHASES AGENT*	PIPEFITTER
ENG SUPV/LAYOUT SUPV/SCI SUPV*	
ENGINEER*	LABORERS
ENGINEERING SPECIALIST*	BJC BUILDING SERVICE WORKER
PRINCIPAL ENG/PRINCIPAL SCIENTIST*	BJC FIRE PROTECTION SPECIALIST
PROJ CONTROLS ENGINEER*	LABORER
PROJ ENGINEER*	OPERATORS
PROJ QUALITY ASSURANCE ENGINEER*	BJC OPERATOR
PROJ SAFETY & HEALTH SUPERVISOR*	NUCLEAR REACTOR CONTROLLER
QUALITY ASSURANCE SUPERVISOR*	
QUALITY SPECIALIST (SUPPLIER QUALITY)	JA JONES
SAFETY SUPERVISOR*	ACCOUNTING SUPPORT SPECIALIST
SAFETY/HEALTH REPRESENTATIVE*	ADMINISTRATIVE ASSOCIATE

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

(Continued)

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Appendix B. Most Common Job Titles in Each Job Category

BUILDING SERVICE WORKER	LINE MECHANIC
CABLE SPLICER	LOCKSMITH
CARPENTER	LUBRICATOR
CHAUFFEUR	MAINTENANCE MECHANIC
DEPT SUPT MAINTENANCE	MAINTENANCE PLANNER
ELECTRICAL MECHANIC	MATERIALS CLERK
ENGINEER*	PAINTER
ENVIRON COMPLIANCE COORD	REFRIGERATION MECHANIC
GARAGE MECHANIC	SECRETARY*
GROUNDS SERVICE WORKER	SECURITY POLICE OFFICER
HEAVY EQUIPMENT MECHANIC	SHEET METAL WORKER
HEAVY EQUIPMENT OPERATOR	SHIPPING AND RECEIVING CLERK
HUMAN RESOURCES ASSOCIATE	SUPERVISOR BUILDINGS AND GROUNDS
INFORMATION PROCESSOR	SUPERVISOR MAINTENANCE
INSPECTOR	TRUCK DRIVER
INSTRUMENT MECHANIC	WELDER
LAUNDRY WASHER	

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

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Appendix C. Work Force Demographics

Part 1. Percentage of Men in Different Age Groups from 1999 to 2001

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

Part 2. Percentage of Women in Different Age Groups from 1999 to 2001

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

Part 3. Percentage of Men in Different Job Categories from 1999 to 2001

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

Part 4. Percentage of Women in Different Job Categories from 1999 to 2001

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

*Data for JA Jones were not available for 1999

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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	
	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Job Category									
Administrative	1	4	4	9	0	0	0	0	9
Management	0	1	1	2	0	0	3	3	5
Professional	1	3	0	4	1	0	2	3	7
Engineering	2	0	0	2	0	3	5	8	10
Technicians	0	0	0	0	0	0	1	1	1
Crafts	0	0	0	0	0	0	1	1	1
Laborers	0	1	0	1	1	0	0	1	2
JA Jones	0	0	1	1	0	4	3	7	8
Total	4	9	6	19	2	7	15	24	43

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

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Appendix E. 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	1	4	4	9	0	0	0	0	9
Management	0	1	1	2	0	0	4	4	6
Professional	1	3	0	4	1	0	2	3	7
Engineering	3	0	0	3	0	3	6	9	12
Technicians	0	0	0	0	0	0	1	1	1
Crafts	0	0	0	0	0	0	1	1	1
Laborers	0	1	0	1	1	0	0	1	2
JA Jones	0	0	1	1	0	8	4	12	13
Total	5	9	6	20	2	11	18	31	51

*Only those job categories and 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 Age*

	Women				Men				Total
	Age Group			Total	Age Group			Total	
	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
# of Calendar Days									
< 15	1	3	3	7	0	6	10	16	23
15 - 28	1	2	3	6	1	1	1	3	9
29 - 42	0	3	0	3	0	0	0	0	3
43 - 56	0	0	0	0	0	0	2	2	2
57 - 91	1	0	0	1	0	3	3	6	7
92 - 182	2	1	0	3	1	1	1	3	6
183 +	0	0	0	0	0	0	1	1	1
Total	5	9	6	20	2	11	18	31	51

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

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Appendix G. 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	Labor- ers	JA Jones		
# of Calendar Days								
< 15	3	2	0	1	1	0	7	
15 - 28	5	0	0	0	0	1	6	
29 - 42	0	0	3	0	0	0	3	
57 - 91	0	0	0	1	0	0	1	
92 - 182	1	0	1	1	0	0	3	
Total	9	2	4	3	1	1	20	

	Men							Total
	Job Category							
	Manag- ement	Profe- ssion- al	Engin- eering	Techn- icians	Crafts	Labor- ers	JA Jones	
# of Calendar Days								
< 15	1	1	3	1	1	0	9	16
15 - 28	0	0	2	0	0	1	0	3
43 - 56	1	0	1	0	0	0	0	2
57 - 91	1	0	3	0	0	0	2	6
92 - 182	0	2	0	0	0	0	1	3
183 +	1	0	0	0	0	0	0	1
Total	4	3	9	1	1	1	12	31

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

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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	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	0	0	3	3	3
-Respiratory & Intrathoracic	160-165	0	0	0	0	0	0	1	1	1
-Genitourinary	179-189	0	0	0	0	0	0	2	2	2
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	3	0	3	0	0	0	0	3
ENDOCRINE/- METABOLIC/- IMMUNITY	240-279	0	0	0	0	0	1	1	2	2
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	0	1	1	2	2
MENTAL DISORDERS	290-319	6	0	0	6	0	0	0	0	6
-Psychoses	290-299	2	0	0	2	0	0	0	0	2
-Non- Psychotic Disorders	300-302, 306-316	4	0	0	4	0	0	0	0	4
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	1	2	2	1	1	4	6
-Hereditary/ Degenerative Central NS Dis	330-337	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 H. 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									
-Other Disorders of Central NS	340-349	0	1	0	1	0	0	0	0	1
-Disorders of Peripheral NS	350-359	0	0	0	0	0	1	1	2	2
-Disorders of Eye	360-379	0	0	1	1	0	0	0	0	1
-Dis of Ear & Mastoid	380-389	0	0	0	0	1	0	0	1	1
CIRCULATORY SYSTEM	390-459	0	0	0	0	0	1	2	3	3
-Ischemic Heart Dis	410-414	0	0	0	0	0	1	1	2	2
-Cerebrovascular Dis	430-438	0	0	0	0	0	0	1	1	1
RESPIRATORY SYSTEM	460-519	1	2	2	5	0	5	0	5	10
-Acute Respiratory Infections	460-466	0	0	0	0	0	2	0	2	2
-Other Dis Upper Respiratory Tract	470-478	0	1	1	2	0	0	0	0	2
-Pneumonia & Influenza	480-487	1	1	0	2	0	0	0	0	2
-Chronic Obstructive Dis	490-496	0	0	1	1	0	3	0	3	4

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

(Continued)

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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	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
DIGESTIVE SYSTEM	520-579	1	0	2	3	0	0	0	0	3
-Esophagus, Stomach, Duodenum	530-537	0	0	1	1	0	0	0	0	1
-Other Digestive Dis	570-579	1	0	1	2	0	0	0	0	2
GENITOURIN- ARY SYSTEM	580-629	0	3	0	3	0	0	1	1	4
-Male Genital Organ Dis	600-608	0	0	0	0	0	0	1	1	1
-Other Female Disorders	617-629	0	3	0	3	0	0	0	0	3
MUSCULOSKE- LETAL & CONNECTIVE TISSUE	710-739	0	4	2	6	0	10	7	17	23
-Arthropat- hies	710-719	0	0	0	0	0	4	3	7	7
-Dorsopath- ies	720-724	0	1	1	2	0	5	1	6	8
-Rheumatis- m, Excluding Back	725-729	0	1	1	2	0	0	2	2	4
-Other Dis & Acquired Deformities	730-739	0	2	0	2	0	1	1	2	4

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

(Continued)

East Tennessee Technology Park 2001

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	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	1	0	1	0	0	2	2	3
-Symptoms	780-789	0	1	0	1	0	0	2	2	3
INJURY & POISONING	800-999	0	2	2	4	0	2	5	7	11
-Fracture - Skull	800-804	0	0	0	0	0	0	1	1	1
-Sprains & Strains - Back	846-847	0	1	0	1	0	2	0	2	3
-Sprains & Strains - Other	840-845, 848	0	0	1	1	0	0	4	4	5
-Contusion	920-924	0	1	0	1	0	0	0	0	1
-Complicat- ions of Surgical/M- edical Care	996-999	0	0	1	1	0	0	0	0	1
HEALTH STATUS/HEA- LTH SERVICE CONTACT	V01-V82	0	0	0	0	0	0	1	1	1
-Specific Procedures- /Aftercare	V50-V59	0	0	0	0	0	0	1	1	1
Total		8	16	9	33	2	20	23	45	78

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

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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	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	0	0	129	129	129
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	101	0	101	0	0	0	0	101
ENDOCRINE/- METABOLIC/- IMMUNITY	240-279	0	0	0	0	0	68	6	74	74
MENTAL DISORDERS	290-319	304	0	0	304	0	0	0	0	304
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	27	24	51	157	149	89	395	446
CIRCULATORY SYSTEM	390-459	0	0	0	0	0	7	12	19	19
RESPIRATORY SYSTEM	460-519	10	21	9	40	0	4	0	4	44
DIGESTIVE SYSTEM	520-579	16	0	18	34	0	0	0	0	34
GENITOURIN- ARY SYSTEM	580-629	0	71	0	71	0	0	7	7	78
MUSCULOSKE- LETAL & CONNECTIVE TISSUE	710-739	0	159	30	189	0	318	392	710	899
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	10	0	10	0	0	2	2	12
INJURY & POISONING	800-999	0	10	44	54	0	211	211	422	476

*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 J. 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	Labo- rers	JA Jones	
Diagnostic Category	ICD-9-CM Code							
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	0	0	3	0	0	0	3
MENTAL DISORDERS	290-319	0	0	3	3	0	0	6
-Psychoses	290-299	0	0	1	1	0	0	2
-Non- Psychotic Disorders	300-302, 306- 316	0	0	2	2	0	0	4
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	2	0	0	0	0	0	2
-Other Disorders of Central NS	340-349	1	0	0	0	0	0	1
-Disorders of Eye	360-379	1	0	0	0	0	0	1
RESPIRATORY SYSTEM	460-519	4	0	0	1	0	0	5
-Other Dis Upper Respiratory Tract	470-478	2	0	0	0	0	0	2
-Pneumonia & Influenza	480-487	1	0	0	1	0	0	2
-Chronic Obstructive Dis	490-496	1	0	0	0	0	0	1
DIGESTIVE SYSTEM	520-579	3	0	0	0	0	0	3

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

(Continued)

East Tennessee Technology Park 2001

Appendix J. 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	Labo- rers	JA Jones	
Diagnostic Category	ICD-9-CM Code							
-Esophagus, Stomach, Duodenum	530-537	1	0	0	0	0	0	1
-Other Digestive Dis	570-579	2	0	0	0	0	0	2
GENITOURINARY SYSTEM	580-629	0	0	3	0	0	0	3
-Other Female Disorders	617-629	0	0	3	0	0	0	3
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	2	2	0	0	1	1	6
-Dorsopathies	720-724	0	0	0	0	1	1	2
-Rheumatism, Excluding Back	725-729	1	1	0	0	0	0	2
-Other Dis & Acquired Deformities	730-739	1	1	0	0	0	0	2
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	1	0	0	0	0	0	1
-Symptoms	780-789	1	0	0	0	0	0	1
INJURY & POISONING	800-999	4	0	0	0	0	0	4
-Sprains & Strains - Back	846-847	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 2001

Appendix J. 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	Labo- rers	JA Jones	
Diagnostic Category	ICD-9-CM Code							
-Sprains & Strains - Other	840-845, 848	1	0	0	0	0	0	1
-Contusion	920-924	1	0	0	0	0	0	1
-Complicatio- ns of Surgical/Med- ical Care	996-999	1	0	0	0	0	0	1
Total		16	2	9	4	1	1	33

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

(Continued)

East Tennessee Technology Park 2001

Appendix J. 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	JA Jones	
Diagnostic Category	ICD-9-CM Code								
MALIGNANT NEOPLASMS	140-208, 230- 234	0	1	2	0	0	0	0	3
-Respiratory & Intrathoracic	160-165	0	1	0	0	0	0	0	1
-Genitourina- ry	179-189	0	0	2	0	0	0	0	2
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	0	0	1	0	0	0	1	2
-Other Metabolic & Immunity Disorders	270-279	0	0	1	0	0	0	1	2
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	1	0	0	1	1	4
-Hereditary/- Degenerative Central NS Dis	330-337	0	1	0	0	0	0	0	1
-Disorders of Peripheral NS	350-359	0	0	1	0	0	0	1	2
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	1	0	1
CIRCULATORY SYSTEM	390-459	1	0	1	0	0	0	1	3
-Ischemic Heart Dis	410-414	1	0	1	0	0	0	0	2
-Cerebrovasc- ular Dis	430-438	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 2001

Appendix J. 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	JA Jones	
Diagnostic Category	ICD-9-CM Code								
RESPIRATORY SYSTEM	460-519	0	0	0	0	0	0	5	5
-Acute Respiratory Infections	460-466	0	0	0	0	0	0	2	2
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	3	3
GENITOURINARY SYSTEM	580-629	0	0	0	0	1	0	0	1
-Male Genital Organ Dis	600-608	0	0	0	0	1	0	0	1
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	3	1	5	0	0	0	8	17
-Arthropathi- es	710-719	0	0	3	0	0	0	4	7
-Dorsopathies	720-724	1	0	1	0	0	0	4	6
-Rheumatism, Excluding Back	725-729	2	0	0	0	0	0	0	2
-Other Dis & Acquired Deformities	730-739	0	1	1	0	0	0	0	2
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	0	0	0	0	0	0	2	2
-Symptoms	780-789	0	0	0	0	0	0	2	2
INJURY & POISONING	800-999	1	0	2	1	0	0	3	7

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

(Continued)

East Tennessee Technology Park 2001

Appendix J. 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	JA Jones	
Diagnostic Category	ICD-9-CM Code								
-Fracture - Skull	800-804	0	0	0	1	0	0	0	1
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	2	2
-Sprains & Strains - Other	840-845, 848	1	0	2	0	0	0	1	4
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	0	0	0	0	0	0	1
-Specific Procedures/A- ftercare	V50-V59	1	0	0	0	0	0	0	1
Total		6	3	12	1	1	1	21	45

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

East Tennessee Technology Park 2001

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	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Labo- rers	JA Jones	
Diagnostic Category	ICD-9-CM Code							
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	0	0	101	0	0	0	101
MENTAL DISORDERS	290-319	0	0	93	211	0	0	304
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	51	0	0	0	0	0	51
RESPIRATORY SYSTEM	460-519	30	0	0	10	0	0	40
DIGESTIVE SYSTEM	520-579	34	0	0	0	0	0	34
GENITOURINARY SYSTEM	580-629	0	0	71	0	0	0	71
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	140	21	0	0	9	19	189
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	10	0	0	0	0	0	10
INJURY & POISONING	800-999	54	0	0	0	0	0	54

*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	
		Man- age- ment	Prof- essi- onal	Engi- neer- ing	Tech- nici- ans	Craf- ts	Labo- rers	JA Jones		
Diagnostic Category	ICD-9-CM Code									
MALIGNANT NEOPLASMS	140-208, 230- 234	0	100	29	0	0	0	0	0	129
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	0	0	6	0	0	0	68		74
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	137	89	0	0	20	149		395
CIRCULATORY SYSTEM	390-459	11	0	7	0	0	0	1		19
RESPIRATORY SYSTEM	460-519	0	0	0	0	0	0	4		4
GENITOURINARY SYSTEM	580-629	0	0	0	0	7	0	0		7
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	320	9	166	0	0	0	215		710
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	0	0	0	0	0	0	2		2
INJURY & POISONING	800-999	89	0	112	9	0	0	212		422

*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 2001

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 2001

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

Part 2. Age-Adjusted Rates for Selected Diagnostic Categories by Gender from 1999 to 2001

Rate per 1,000 Men

Year	Heart/Circulatory			Respiratory			Muscles & Skeleton			Injury		
	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

Rate per 1,000 Women

Year	Heart/Circulatory			Respiratory			Muscles & Skeleton			Injury		
	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

Part 3. Age-Adjusted Rates for All Diagnoses Combined by Gender and Job Category from 1999 to 2001

Rate per 1,000 Men

Year	Administrative			Management			Professional			Engineering			Scientists		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
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

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

Rate per 1,000 Women

Year	Administrative			Management			Professional			Engineering			Scientists		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
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

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

* No workers in this category.

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

East Tennessee Technology Park 2001

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	0	0	0	0
Malignant Neoplasms	140-208, 230-234	3	2.0	0.6	6.2
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	1	0.7	0.1	4.7
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	2	1.3	0.3	5.3
-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	2	1.7	0.4	7.1
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	4	7.4	2.4	22.7
Circulatory System	390-459	3	2.4	0.7	7.6
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	2	1.7	0.4	7.1
-Cerebrovascular Disease	430-438	1	0.7	0.1	4.7
Respiratory System	460-519	5	5.2	2.2	12.5
-Upper Respiratory	460-465, 470-478	2	2.1	0.5	8.3
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	3	3.1	1.0	9.7
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	1	0.7	0.1	4.7
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	17	17.1	10.4	28.0
-Dorsopathies	720-724	6	5.9	2.6	13.2
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	1.3	0.3	5.3
Injury & Poisoning	800-999	7	6.4	2.9	14.1
-Fractures, All Sites	800-829	1	0.7	0.1	4.7
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	6	5.7	2.4	13.5
-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	1	0.7	0.1	4.7
-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	1	0.7	0.1	4.7
Total		45	44.9	32.4	62.1

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

(Continued)

East Tennessee Technology Park 2001

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	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	3	5.0	1.6	15.6
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	6	18.2	8.2	40.5
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	2	3.9	1.0	15.7
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	5	10.8	4.4	26.6
-Upper Respiratory	460-465, 470-478	2	3.9	1.0	15.7
-Pneumonia/Bronchitis	466, 480-487	2	4.7	1.1	19.9
-Chronic Respiratory Conditions	490-496	1	2.2	0.3	15.7
Digestive System	520-579	3	15.4	3.9	61.0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	2	13.2	2.7	63.6
Genitourinary System	580-629	3	5.0	1.6	15.6
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	3	5.0	1.6	15.6
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	6	11.1	5.0	25.0
-Dorsopathies	720-724	2	3.9	1.0	15.7
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	11.9
Injury & Poisoning	800-999	4	7.8	2.9	20.9
-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	15.7
-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	2	3.9	1.0	15.7
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		33	78.9	52.9	117.9

* 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.

(Continued)

East Tennessee Technology Park 2001

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	0	0	0	0
Malignant Neoplasms	140-208, 230-234	3	1.5	0.5	4.8
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	1	0.5	0.1	3.6
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	2	1.0	0.3	4.1
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	3	1.9	0.6	6.0
Endocrine & Metabolic Diseases	240-279	2	1.2	0.3	4.7
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	6	8.8	4.0	19.7
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	6	5.3	2.2	12.8
Circulatory System	390-459	3	1.7	0.5	5.2
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	2	1.2	0.3	4.7
-Cerebrovascular Disease	430-438	1	0.5	0.1	3.6
Respiratory System	460-519	10	7.0	3.6	13.6
-Upper Respiratory	460-465, 470-478	4	2.4	0.9	6.5
-Pneumonia/Bronchitis	466, 480-487	2	2.1	0.5	9.4
-Chronic Respiratory Conditions	490-496	4	2.4	0.9	6.5
Digestive System	520-579	3	3.4	1.0	11.5
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	2	2.9	0.7	11.6
Genitourinary System	580-629	4	2.4	0.9	6.5
-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	3	1.9	0.6	6.0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	23	15.4	10.0	23.8
-Dorsopathies	720-724	8	4.9	2.4	9.8
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	3	1.7	0.5	5.2
Injury & Poisoning	800-999	11	7.1	3.7	13.4
-Fractures, All Sites	800-829	1	0.5	0.1	3.6
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	8	5.4	2.5	11.5
-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	1.2	0.3	4.7
Health Status/Health Serv Contact	V01-V82	1	0.5	0.1	3.6
-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	1	0.5	0.1	3.6
Total		78	57.9	45.4	74.0

* 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 126 Person-Years				Management 172 Person-Years				Professional 188 Person-Years			
	Pers ons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI** *	Pers ons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI** *	Pers ons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI** *
All Diagnostic Categories	9	1.4	0.6	3.4	5	0.6	0.3	1.6	7	0.8	0.3	1.7
Musculoskeletal & Connective Tissue	1	0.4	0.04	3.5	4	1.7	0.6	5.3	1	0.3	0.05	2.2
Injury & Poisoning	3	99.5	0.01	Ψ	1	0.4	0.05	3.6	0			

Diagnostic Category	Engineering 193 Person-Years				Scientists 20 Person-Years				Technicians 29 Person-Years			
	Pers ons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI** *	Pers ons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI** *	Pers ons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI** *
All Diagnostic Categories	10	1.4	0.7	3.0	0				1	0.7	0.1	5.2
Musculoskeletal & Connective Tissue	3	1.3	0.3	5.1	0				0			
Injury & Poisoning	2	1.1	0.2	5.3	0				1	3.9	0.5	29.1

Diagnostic Category	Crafts 10 Person-Years				Laborers 30 Person-Years				Operators 7 Person-Years			
	Pers ons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI** *	Pers ons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI** *	Pers ons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI** *
All Diagnostic Categories	1	2.5	0.3	18.5	2	2.3	0.5	10.7	0			
Musculoskeletal & Connective Tissue	0				1	4.1	0.6	29.5	0			
Injury & Poisoning	0				0				0			

Diagnostic Category	JA Jones 185 Person-Years				Total Pers ons with 1+ Even t
	Pers ons with 1+ Even t*	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	8	1.0	0.5	2.2	43
Musculoskeletal & Connective Tissue	4	1.6	0.5	5.1	14
Injury & Poisoning	3	1.4	0.4	5.3	10

Ψ Upper bound is indeterminate

* 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 2001

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	
	40 - 49	50 +		30 - 39	40 - 49	50 +		
Job Category								
Management	0	0	0	0	0	1	1	1
Professional	0	1	1	0	0	0	0	1
Laborers	1	0	1	1	0	0	1	2
JA Jones	1	0	1	0	2	5	7	8
Total	2	1	3	1	2	6	9	12

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

East Tennessee Technology Park 2001

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	0	0	0	1	36	75	1	36	75
40 - 49	2	34	8	2	0	51	4	34	59
50 +	1	0	0	7	13	77	8	13	77
Total	3	34	8	10	49	203	13	83	211

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

East Tennessee Technology Park 2001

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									
Management	0	0	0	1	0	0	1	0	0
Professional	1	0	0	0	0	0	1	0	0
Laborers	1	31	0	1	36	75	2	67	75
JA Jones	1	3	8	8	13	128	9	16	136
Total	3	34	8	10	49	203	13	83	211

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

East Tennessee Technology Park 2001

OSHA Data

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

		Women			Men				Total
		Age Group		Total	Age Group			Total	
		40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code								
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	0	0	1	1	1
-Disorders of Peripheral NS	350-359	0	0	0	0	0	1	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	0	0	0	0	1	1	1
-Dorsopathies	720-724	0	0	0	0	0	1	1	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	0	0	1	1	1
-Symptoms	780-789	0	0	0	0	0	1	1	1
INJURY & POISONING	800-999	4	1	5	1	2	6	9	14
-Dislocation	830-839	0	0	0	0	0	1	1	1
-Sprains & Strains - Back	846-847	0	0	0	0	0	1	1	1
-Sprains & Strains - Other	840-845, 848	0	0	0	1	1	3	5	5
-Open Wound - Head, Neck, Trunk	870-879	0	1	1	0	0	0	0	1
-Open Wound - Upper Limb	880-887	0	0	0	0	1	0	1	1
-Crushing Injury	925-929	0	0	0	0	0	1	1	1

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

(Continued)

East Tennessee Technology Park 2001

OSHA Data

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

		Women			Men				Total
		Age Group		Total	Age Group			Total	
		40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code								
-Complications & Unspecified Injuries	958-959	4	0	4	0	0	0	0	4
Total		4	1	5	1	2	9	12	17

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

East Tennessee Technology Park 2001

OSHA Data

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

		Women			
		Age Group			
		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes				
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	34	8	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 2001

OSHA Data

Appendix T. 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						
-Disorders of Peripheral NS	350-359	0	0	0	0	0	38
-Dorsopathies	720-724	0	0	0	0	8	9
-Symptoms	780-789	0	0	0	0	0	38
-Dislocation	830-839	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	5	30
-Sprains & Strains - Other	840-845, 848	36	75	0	51	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Crushing Injury	925-929	0	0	0	0	0	0

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

East Tennessee Technology Park 2001

OSHA Data

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

		Women			Men				Total
		Age Group		Total	Age Group			Total	
		40 - 49	50 +		30 - 39	40 - 49	50 +		
Type of Accident	E Codes								
Falls	E880-E888	2	0	2	0	1	1	2	4
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	1	1	0	0	0	0	1
Other Accidents	E916-E928	0	0	0	1	1	6	8	8

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

East Tennessee Technology Park 2001

OSHA Data

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

		Women			
		Age Group			
		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes				
Falls	E880-E888	34	8	0	0
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0

		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						
Falls	E880-E888	0	0	0	51	0	0
Other Accidents	E916-E928	36	75	0	0	13	77

*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 2001

OSHA Data

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

		Women			
		Job Category			Total
		Prof- essi- onal	Labo- rers	JA Jones	
Diagnostic Category	ICD-9-CM Code				
INJURY & POISONING	800-999	1	1	3	5
-Open Wound - Head, Neck, Trunk	870-879	1	0	0	1
-Complicatio- ns & Unspecified Injuries	958-959	0	1	3	4
Total		1	1	3	5

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

(Continued)

East Tennessee Technology Park 2001

OSHA Data

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

		Men			
		Job Category			Total
		Man- gemen- t	Labo- rers	JA Jones	
Diagnostic Category	ICD-9-CM Code				
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	1	1
-Disorders of Peripheral NS	350-359	0	0	1	1
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	0	0	1	1
-Dorsopathies	720-724	0	0	1	1
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	0	0	1	1
-Symptoms	780-789	0	0	1	1
INJURY & POISONING	800-999	1	1	7	9
-Dislocation	830-839	1	0	0	1
-Sprains & Strains - Back	846-847	0	0	1	1
-Sprains & Strains - Other	840-845, 848	0	1	4	5
-Open Wound - Upper Limb	880-887	0	0	1	1
-Crushing Injury	925-929	0	0	1	1
Total		1	1	10	12

*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					
		Professi- onal		Laborers		JA Jones	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	0	0	31	0	3	8

*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 2001

OSHA Data

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

		Men					
		Job Category					
		Manageme- nt		Laborers		JA Jones	
		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	38
-Dorsopathies	720-724	0	0	0	0	8	9
-Symptoms	780-789	0	0	0	0	0	38
-Dislocation	830-839	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	5	30
-Sprains & Strains - Other	840-845, 848	0	0	36	75	0	51
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Crushing Injury	925-929	0	0	0	0	0	0

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

East Tennessee Technology Park 2001

OSHA Data

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

		Women			
		Job Category			Total
		Prof- essi- onal	Labo- rers	JA Jones	
Type of Accident	E CODES				
Falls	E880-E888	0	1	1	2
Submersion/S- uffocation/F- oreign Bodies	E910-E915	1	0	0	1

		Men			
		Job Category			Total
		Mana- geme- nt	Labo- rers	JA Jones	
Type of Accident	E CODES				
Falls	E880-E888	1	0	1	2
Other Accidents	E916-E928	0	1	7	8

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

East Tennessee Technology Park 2001

OSHA Data

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

		Women					
		Job Category					
		Professi- onal		Laborers		JA Jones	
		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	31	0	3	8
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0

		Men					
		Job Category					
		Manageme- nt		Laborers		JA Jones	
		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	0	51
Other Accidents	E916-E928	0	0	36	75	13	77

*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 2001

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 2001**

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

	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

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

	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

* 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 2001

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

East Tennessee Technology Park 2001

OSHA Data

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	0.7	0.1	4.7
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	1	0.7	0.1	4.7
-Dorsopathies	720-724	1	0.7	0.1	4.7
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	0.7	0.1	4.7
Injury & Poisoning	800-999	9	9.0	4.1	19.8
-Fractures, All Sites	800-829	0	0	0	0
-Dislocations	830-839	1	0.7	0.1	4.7
-Sprains & Strains	840-848	6	6.6	2.4	17.8
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	1.0	0.1	7.4
-Other Injuries	900-999	1	0.7	0.1	4.7
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		12	11.0	5.6	21.6

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

(Continued)

East Tennessee Technology Park 2001

OSHA Data

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	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
-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	5	8.9	3.7	21.6
-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	1	2.2	0.3	15.7
-Other Injuries	900-999	4	6.7	2.5	17.9
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		5	8.9	3.7	21.6

* 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)

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OSHA Data

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	1	0.5	0.1	3.6
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	1	0.5	0.1	3.6
-Dorsopathies	720-724	1	0.5	0.1	3.6
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	0.5	0.1	3.6
Injury & Poisoning	800-999	14	8.9	5.1	15.6
-Fractures, All Sites	800-829	0	0	0	0
-Dislocations	830-839	1	0.5	0.1	3.6
-Sprains & Strains	840-848	6	4.2	1.7	10.2
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	2	1.2	0.3	4.7
-Other Injuries	900-999	5	3.1	1.3	7.4
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		17	10.5	6.3	17.3

* 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 CC. Relative Risk Estimates for Selected Diagnostic Categories Among OSHA Events

	Administrative 126 Person-Years				Management 172 Person-Years				Professional 188 Person-Years			
Diagnostic Category	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	0				1	0.3	0.04	2.8	1	0.4	0.05	3.2
Injury & Poisoning	0				1	0.4	0.04	3.3	1	0.4	0.1	3.5

	Engineering 193 Person-Years				Scientists 20 Person-Years				Technicians 29 Person-Years			
Diagnostic Category	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	0				0				0			
Injury & Poisoning	0				0				0			

	Crafts 10 Person-Years				Laborers 30 Person-Years				Operators 7 Person-Years			
Diagnostic Category	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	0				2	11.3	1.6	82.1	0			
Injury & Poisoning	0				2	12.2	1.6	91.6	0			

	JA Jones 185 Person-Years				
Diagnostic Category	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upper 95% CI***	Total Perso ns with 1+ Event
All Diagnostic Categories	8	9.4	2.3	38.2	12
Injury & Poisoning	7	8.4	2.1	33.9	11

* 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