

# SUPPORTING TABLES

## EAST TENNESSEE TECHNOLOGY PARK: 1999

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

	Women					Men					
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total	
Job Category											
Administrative	14	43	98	56	211	0	0	0	0	0	211
Management	0	8	24	12	44	2	29	135	153	319	363
Professional	9	44	56	37	146	4	33	72	55	164	310
Engineering	7	43	42	11	103	13	82	136	119	350	453
Scientists	0	5	2	1	8	0	9	18	24	51	59
Technicians	4	13	21	5	43	5	18	30	20	73	116
Crafts	0	1	1	2	4	0	10	57	141	208	212
Laborers	0	7	9	14	30	5	19	43	26	93	123
Operators	0	3	16	10	29	1	15	76	76	168	197
Total	34	167	269	148	618	30	215	567	614	1426	2044

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

ADMINISTRATIVE	IS/AT MANAGER	CONST AST
ADMINISTRATIVE ASSISTANT*	IS/AT SUPERVISOR	CONSTRUCTION ENGINEER*
ADMINISTRATIVE SECRETARY	MANAGER BUSINESS DEVELOPMENT	CONTRACTS ADMINISTRATOR
ASSISTANT MATERIAL SPECIALIST*	MANAGER FINANCIAL ACCOUNTING	CONTRACTS/PURCHASES AGENT*
CLERK	MANAGER OPERATIONS	CONTRACTS/PURCHASES SPECIALIST
CONSTRUCTION ASSISTANT	MANAGER PROCUREMENT	COUNSEL
HUMAN RESOURCES REPRESENTATIVE	MANAGER PROJECTS	ENGINEER*
INTERMEDIATE ACCOUNTANT	MANAGER SECURITY	FIELD NURSE
JUNIOR ACCOUNTANT	MGR OFFICE & ADMIN SVCS/MGR SPEC SVCS	HEALTH PHYSICS REPRESENTATIVE*
MATERIAL CONTROLLER	OFFICE ACCOUNTING SUPERVISOR	HLTH PHYS SPEC/IND HYG SPEC
OFFICE ASSISTANT	OFFICE SERVICES SUPERVISOR*	HUMAN RESOURCES ADMINISTRATOR
OFFICE CO-OP/TECHNICAL	PRINCIPAL AUDITOR	HUMAN RESOURCES REPRESENTATIVE
OFFICE SERVICES ASSISTANT	PRINCIPAL ENG/PRINCIPAL SCIENTIST*	LABOR RELATIONS ASSISTANT
OFFICE SUMMER/NON-TECHNICAL	PRINCIPAL PROJ CONTROLS ENG*	MATERIAL SPECIALIST
OFFICE SUMMER/TECHNICAL	PROGRAM MANAGER	MATERIAL SUPERVISOR
PROJ CONTROLS TECHNICIAN*	PROJ ACCOUNTING MANAGER	NETWORK SYSTEMS SPECIALIST*
SECRETARY	PROJ ADMINISTRATOR*	OFFICE SERVICES ASSISTANT
WORD PROCESSING TECHNICIAN	PROJ CONTROLS MANAGER	OFFICE SERVICES SUPERVISOR*
	PROJ ENGINEER*	PRINCIPAL AUTOMATION SUPP ANALYST*
MANAGEMENT	PROJ FIELD PROCUREMENT MANAGER	PRINCIPAL PROJ CONTROLS ENG*
ACCOUNTING MANAGER	PROJ MANAGER*	PROCUR APPLICATIONS SUPPORT ANALYST
ACCOUNTING SUPERVISOR	PROJ MATERIAL SUPERVISOR	PRODUCTION SUPPORT SPECIALIST
ARCHITECTURAL SUPERVISOR	PROJ PROCUREMENT MANAGER	PROJ ADMINISTRATOR*
AREA LABOR RELATIONS REPRESENTATIVE	PROJ QUALITY ASSURANCE ENG*	PROJ CONTROLS ENGINEER*
AREA PUBLIC RELATIONS MANAGER	PROJ SAFETY & HEALTH SUPERVISOR	PROJ CONTROLS TECHNICIAN*
AREA SECURITY SPECIALIST (PROJ)	PUBLIC RELATIONS SUPERVISOR	PROJ INSURANCE ADMINISTRATOR
AREA/REGIONAL SAFETY/HEALTH SVCS MGR	QUALITY ASSURANCE MANAGER PROGRAMS	PROJ OPERATIONS SPECIALIST
ASSISTANT CRAFT SUPERVISOR	QUALITY ASSURANCE SUPERVISOR*	PROJ/OFFICE SECURITY SUPER/SPECIALIST
ASSISTANT MANAGER LABOR RELATIONS	SCIENCE SUPERVISOR	PUBLIC RELATIONS REPRESENTATIVE
ASSISTANT MANAGER OPERATIONS	SECTION SUPERVISOR*	SAFETY REPRESENTATIVE*
ASSISTANT MANAGER PUBLIC RELATIONS	SENIOR BUSINESS DEVELOPMENT REP	SAFETY/HEALTH REPRESENTATIVE*
ASSISTANT PROJ MANAGER	SENIOR CONTRACTS ADMINISTRATOR	SECTION SUPERVISOR*
ASSISTANT SUPERINTENDENT	SENIOR CONTRACTS/PURCHASES SUPERVISOR	SECURITY (SHIFT) SUPER (OFFICE/FIELD)
BECHTEL JACOBS COMPANY PRESIDENT	SENIOR ENGINEER*	SECURITY SPECIALIST/PROJS
CHIEF PLANNING/SCHED ENG	SENIOR PRINCIPAL ENG/SENIOR PRIN SCI	SENIOR ACCOUNTANT
CONSTRUCTION MANAGER	SENIOR PROJ CONTROLS ENG*	SENIOR AUTOMATION SUPPORT ANALYST
CONTRACTS/PURCHASE SUPER SPECIALIST	SENIOR PROJ MANAGER	SENIOR BUYER
CONTRACTS/PURCHASES MANAGER	SENIOR SECTION SUPERVISOR	SENIOR ENGINEER*
CONTRACTS/PURCHASES SUPERVISOR	SERVICES MANAGER	SENIOR INDUSTRIAL HYGIENE REP
COUNSEL	SUPERINTENDENT	SENIOR MATERIAL SPECIALIST
CRAFT SUPERVISOR	SUPERINTENDENT FACILITY MAINTENANCE	SENIOR PROJ CONTROLS ENG*
ENG SUPER/LAYOUT SUPER/SCI SUPER	SUPERVISING CONSTRUCTION ENG*	SENIOR PUBLIC RELATIONS SPECIALIST
ENGINEERING MANAGER	VICE PRESIDENT MANAGER OPERATIONS	SENIOR SAFETY REPRESENTATIVE*
ENGINEERING SPECIALIST*		SENIOR SECURITY SPECIALIST/SUPERVISOR
ENGINEERING SUPERVISOR*	PROFESSIONAL	SENIOR TECHNOLOGIST*
EXECUTIVE ASSISTANT	ACCOUNTANT	SUPERVISOR/ADMINISTRATIVE SPECIALIST
EXECUTIVE REPRESENTATIVE-FINANCE	ACCOUNTING SPECIALIST	SYSTEMS PROGRAMMER*
FACILITY ENGINEER/TECH SERVICES MGR	ADMINISTRATIVE ASSISTANT*	SYSTEMS PROGRAMMER/ANALYST*
FACILITY MANAGER	AREA/REGIONAL SAFETY/HEALTH SVCS MGR	TECHNICAL WRITER/EDITOR
FACILITY OPERATIONS MANAGER	ASSISTANT MATERIAL SPECIALIST*	TECHNOLOGIST*
FINANCIAL ACCOUNTING MANAGER	AUDITOR	
FINANCIAL ACCOUNTING SPECIALIST	AUTOMATION SUPPORT ANALYST	ENGINEERING
GENERAL SUPERINTENDENT	BUYER	ASSISTANT CONSTRUCTION ENG*
HUMAN RESOURCES MANAGER	CHIEF TIMEKEEPER	CONSTRUCTION COORDINATOR
HUMAN RESOURCES SUPERVISOR	COMPUTER PROGRAMMER	CONSTRUCTION ENGINEER*

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

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

CONTRACTS/PURCHASES AGENT*	PROJ HLTH PHYSICIST/IND HYGIENIST	CARPENTER
DESIGNER*	PROJ MANAGER*	ELECTRICIAN
ENG SUPER/LAYOUT SUPER/SCI SUPER	SCIENCE SPECIALIST	GARAGE MECHANIC
ENGINEER*	SCIENTIST	INSTRUMENT MECHANIC
ENGINEERING SPECIALIST*	SENIOR GEOLOGIST*	INSTRUMENT TECHNICIAN
ENGINEERING SUPERVISOR*	SENIOR SCIENTIST*	INSULATOR
FACILITY ENG/TECH SERVICES MGR*	SENIOR TECHNOLOGIST*	MILLWRIGHT
HEALTH PHYSICS REPRESENTATIVE*	SR SCI SPECIALIST/SR ENG SPECIALIST*	OUTSIDE MACHINIST
PRINCIPAL AUTOMATION SUPPORT ANALYST*		PAINTER
PRINCIPAL ENG/PRINCIPAL SCIENTIST*	TECHNICIANS	PIPEFITTER
PRINCIPAL NETWORK SYSTEMS ANALYST	ASSISTANT CONSTRUCTION ENG*	RIGGER AND IRON WORKER
PRINCIPAL PROJ CONTROLS ENG*	ASSISTANT TECHNOLOGIST	WELDER
PROJ CONTROLS ENGINEER*	AUTOMATION SUPPORT ANALYST	
PROJ ENGINEER*	CONST AST	LABORERS
PROJ EXPEDITER	CONSTRUCTION ENGINEER*	BJC BUILDING SERVICE WORKER
PROJ QUALITY ASSURANCE ENG*	DESIGNER*	BJC CHAUFFEUR
QUALITY ASSURANCE ENGINEER	ENGINEER*	BJC CHEF
QUALITY ASSURANCE SUPERVISOR*	GRAPHIC ARTIST/DRAFTER	BJC FIRE PROTECTION SPECIALIST
QUALITY SPECIALIST (SUPPLIER QUALITY)	HEALTH PHYSICS REPRESENTATIVE*	BJC FOOD SERVICES PART-TIME EMPLOYEE
SAFETY REPRESENTATIVE*	MEDICAL TECHNICIAN	BJC GROUNDS SERVICE WORKER
SAFETY SUPERVISOR	NETWORK SPECIALIST	BJC HEAD COUNTER ATTENDANT
SAFETY/HEALTH REPRESENTATIVE*	NETWORK SYSTEMS SPECIALIST*	BJC LAUNDRY WASHER
SENIOR ARCHITECT	SAFETY/HEALTH REPRESENTATIVE*	BJC TRUCK DRIVER
SENIOR CONSTRUCTION ENG	SENIOR TECHNICIAN	GROUND EQUIPMENT OPERATOR
SENIOR ENGINEER*	SENIOR TECHNOLOGIST*	LABORER
SENIOR GEOLOGIST*	TECHNICIAN	MATERIALS CLERK
SENIOR PROJ CONTROLS ENG*	TECHNOLOGIST*	SALVAGE YARD KEEPER
SENIOR QUALITY ASSURANCE ENG		SECURITY POLICE OFFICER
SENIOR SAFETY REPRESENTATIVE*	CRAFTS	TRUCK DRIVER
SENIOR SCI SPEC/SR ENG SPEC*	BJC CABLE SPLICER	
SENIOR SCIENTIST*	BJC CARPENTER	OPERATORS
SENIOR TECHNOLOGIST*	BJC ELECTRICAL MECHANIC	BJC HEAVY EQUIPMENT OPERATOR
SUPERVISING CONSTRUCTION ENG*	BJC GARAGE MECHANIC	BJC LUBRICATOR
SYSTEMS PROGRAMMER*	BJC HEAVY EQUIPMENT MECHANIC	BJC MATERIALS CLERK
SYSTEMS PROGRAMMER/ANALYST*	BJC INSTRUMENT MAKER	BJC OPERATOR
TECHNOLOGIST*	BJC INSTRUMENT MECHANIC	BJC POWER OPERATOR
	BJC LINE MECHANIC	BJC SHIPPING AND RECEIVING CLERK
SCIENTISTS	BJC LOCKSMITH	BJC TSCA INCINERATOR OPERATOR
CONSTRUCTION ENGINEER*	BJC MAINTENANCE MECHANIC	CHEMICAL OPERATOR
ENGINEER*	BJC PAINTER	CRANE & HEAVY EQUIPMENT DRIVER
ENGINEERING SPECIALIST*	BJC REFRIGERATION MECHANIC	MOBILE CRANE OPERATOR
GEOLOGIST	BJC SHEET METAL WORKER	NUCLEAR REACTOR CONTROLLER
PRINCIPAL ENG/PRINCIPAL SCIENTIST*	BJC WELDER	POWER EQUIPMENT OPERATOR

\*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				
	Age Group					Age Group				
	16 -	30 -	40 -	50 +	Total	16 -	30 -	40 -	50 +	Total
Job Category										
Administrative	1	3	9	3	16	0	0	0	0	16
Management	0	0	0	2	2	1	3	6	10	12
Professional	0	4	0	2	6	2	1	3	6	12
Engineering	0	0	7	1	8	0	5	6	11	19
Scientists	0	0	0	0	0	1	0	0	1	1
Technicians	0	0	3	1	4	1	2	2	5	9
Crafts	0	0	0	0	0	1	5	25	31	31
Laborers	0	1	4	6	11	3	2	3	8	19
Operators	0	1	5	4	10	1	12	12	25	35
Total	1	9	28	19	57	10	30	57	97	154

\*Only those 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				
	Age Group					Age Group				
	16 -	30 -	40 -			30 -	40 -			
	29	39	49	50 +	Total	39	49	50 +	Total	Total
Job Category										
Administrative	1	3	10	3	17	0	0	0	0	17
Management	0	0	0	2	2	1	3	7	11	13
Professional	0	4	0	3	7	2	2	4	8	15
Engineering	0	0	7	2	9	0	5	7	12	21
Scientists	0	0	0	0	0	2	0	0	2	2
Technicians	0	0	3	1	4	1	2	2	5	9
Crafts	0	0	0	0	0	1	7	31	39	39
Laborers	0	1	6	8	15	3	3	3	9	24
Operators	0	3	5	4	12	2	15	14	31	43
Total	1	11	31	23	66	12	37	68	117	183

\*Only those 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				
	Age Group					Age Group				
	16 -	30 -	40 -	50 +	Total	16 -	30 -	40 -	50 +	Total
# of Calendar Days										
< 15	1	2	15	11	29	6	16	41	63	92
15 - 28	0	5	7	5	17	5	9	11	25	42
29 - 42	0	3	3	2	8	1	4	1	6	14
43 - 56	0	0	2	5	7	0	5	5	10	17
57 - 91	0	1	2	0	3	0	2	7	9	12
92 - 182	0	0	1	0	1	0	0	3	3	4
183 +	0	0	1	0	1	0	1	0	1	2
Total	1	11	31	23	66	12	37	68	117	183

\*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										Men																							
	Job Category										Job Category																							
	Adm-	ini-	Pro-	Eng-	Tec-	str-	Man-	fes-	ine-	hni-	Lab-	Ope-	ati-	age-	sio-	eri-	cia-	ore-	rat-	Tot-	age-	sio-	eri-	ent-	cia-	Cra-	ore-	rat-	Tot-					
# of Calendar Days	8	1	1	3	1	8	7	29	3	1	4	1	2	27	6	19	63	3	0	4	3	2	4	1	17	2	2	3	1	1	9	2	5	25
%	5	1	1	2	1	5	4	17	2	1	3	1	1	17	4	12	39	2	0	3	2	1	3	1	1	3	1	1	6	2	4	16		
< 15	8	1	1	3	1	8	7	29	3	1	4	1	2	27	6	19	63	3	0	4	3	2	4	1	17	2	2	3	1	1	9	2	5	25
15 - 28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29 - 42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
43 - 56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
57 - 91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
92 - 182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
183 +	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	17	2	7	9	4	15	12	66	11	8	12	2	5	39	9	31	117	3	0	4	3	2	4	1	17	2	2	3	1	1	9	2	5	25

\*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\*

Diagnostic Category	Women					Men				
	16 -	30 -	40 -	50 +	Total	16 -	30 -	40 -	50 +	Total
INFECTION & PARASITIC DISEASES (DIS)	0	1	1	0	2	0	2	2	4	6
- Viral Dis										
Exanthem	0	1	0	0	1	0	0	1	1	2
Other										
Viral Dis & Chlamydiae	0	0	1	0	1	0	2	1	3	4
MALIGNANT NEOPLASMS										
- Bone										
Connective Tissue										
Skin	0	0	0	0	0	0	0	1	1	1
- Breast	0	0	0	1	1	0	0	0	0	1
- Genitourinary	0	0	0	0	0	0	1	0	1	1
- Nervous System	0	0	0	0	0	1	0	0	1	1
BENIGN & UNCERTAIN NEOPLASMS										
- Endocrine	0	0	1	1	2	1	1	4	6	8
- Immunity										
- Other										
- Gland Dis	0	0	1	0	1	0	0	2	2	3
- Other										
- Metabolic & Immunity Disorders	0	0	0	1	1	1	1	2	4	5

\*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\*

Diagnostic Category, ICD-9-CM Code	Women					Men				
	16 -	30 -	40 -	50 +	Total	16 -	30 -	40 -	50 +	Total
BLOOD & BLOOD-FORMING ORGANS	0	0	0	0	0	0	0	0	1	1
MENTAL DISORDERS	0	1	3	2	6	1	2	2	5	11
- Psychoses	0	0	1	0	1	0	0	1	1	2
- Non-Psychotic Disorders	0	1	2	2	5	1	0	1	2	7
- Alcohol Dependence	0	0	0	0	0	0	0	1	0	1
- Drug Dependence	0	0	0	0	0	0	0	1	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	0	0	3	2	5	1	1	0	2	7
- Disorders of Peripheral NS	0	0	3	0	3	1	0	0	1	4
- Disorders of Eye	0	0	0	1	1	0	0	0	0	1
- Disorders of Ear, & Mastoid	0	0	0	1	1	0	1	0	1	2
CIRCULATORY SYSTEM	0	1	2	0	3	0	3	16	19	22
- Hypertensive Disease	0	1	1	0	2	0	0	1	1	3
- Ischemic Heart Disease	0	0	1	0	1	0	1	10	11	12

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

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

Diagnostic Category	Women					Men				
	16 -	30 -	40 -	50 +	Total	16 -	30 -	40 -	50 +	Total
Pulmonary Circulation	0	0	0	0	0	0	0	1	0	1
Heart Dis	0	0	0	0	0	0	0	0	2	2
Other	0	0	0	0	0	0	0	1	0	1
Other	0	0	0	0	0	0	0	0	3	3
RESPIRATORY SYSTEM	1	0	6	4	11	2	12	26	40	51
Acute Respiratory Infections	1	0	0	1	2	0	3	4	7	9
Other Dis	0	0	2	2	4	0	2	8	10	14
Pneumonia & Influenza	0	0	3	0	3	2	3	7	12	15
Chronic Obstructive Dis	0	0	0	1	1	0	4	4	8	9
Other	0	0	1	0	1	0	0	3	3	4
DIGESTIVE SYSTEM	0	0	5	9	14	3	5	12	20	34
Oral Cavity	0	0	0	0	0	1	0	2	3	3

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

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

Diagnostic Category	Women					Men				
	16 -	30 -	40 -	50 +	Total	16 -	30 -	40 -	50 +	Total
- Esophagus, 530- 537										
Stomach,										
Duodenum		0	0	0	1	1	0	0	1	1
- Hernia , 550- 553		0	0	0	0	0	0	0	7	7
- Enteritis, , 555- 558										
Colitis		0	0	1	2	3	0	2	0	2
- Other , 560- 569										
Intestinal										
Dis		0	0	0	2	2	1	1	2	4
- Other , 570- 579										
Digestive										
Dis		0	0	4	4	8	1	2	0	3
GENITOURIN-, 580- 629										
ARY SYSTEM		0	2	6	0	8	1	1	4	6
- Other , 590- 599										
Urinary Dis,		0	0	0	0	0	0	0	2	2
- Male , 600- 608										
Genital										
Organ Dis		0	0	0	0	0	1	1	2	4
- Pelvic , 614- 616										
Inflammat-										
ry Dis		0	0	1	0	1	0	0	0	0
- Other , 617- 629										
Female										
Di sorders		0	2	5	0	7	0	0	0	0
PREGNANCY &, 630- 677										
CHILDBIRTH		0	1	0	0	1	0	0	0	0
- Ectopic & , 630- 633										
Molar										
Pregnancy		0	1	0	0	1	0	0	0	0
SKIN & , 680- 709										
SUBCUTANEO-										
US TISSUE		0	0	2	0	2	0	0	0	0

\*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				
	Age Group					Age Group				
	16 -	30 -	40 -	Tot-		30 -	40 -	Tot-		Tot-
	29	39	49	50 +	al	39	49	50 +	al	al
Diagnostic Category	ICD-9-CM Code									
	%									
-Infections, 680-686	0	0	1	0	1	0	0	0	0	1
-Other, 700-709	0	0	1	0	1	0	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	0	3	16	9	28	2	14	12	28	56
-Arthropathies, 710-719	0	2	4	3	9	0	2	3	5	14
-Dorsopathies, 720-724	0	1	6	3	10	2	7	9	18	28
-Rheumatism, Excluding Back	0	0	4	2	6	0	4	0	4	10
-Other Disorders, 730-739 & Acquired Deformities	0	0	2	1	3	0	1	0	1	4
CONGENITAL ANOMALIES	0	0	0	0	0	0	1	0	1	1
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	0	2	2	6	10	0	10	13	23	33
-Symptoms, 780-789	0	2	2	6	10	0	9	12	21	31
-Non-Specific Abnormal Findings, 790-796	0	0	0	0	0	0	1	1	2	2
INJURY & POISONING	0	2	5	3	10	1	8	13	22	32
-Fracture, Neck, Trunk, 805-809	0	0	0	0	0	0	0	1	1	1

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

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

Diagnostic Category, ICD-9-CM Code	Women					Men				
	16 -	30 -	40 -	50 +	Total	16 -	30 -	40 -	50 +	Total
-Fracture -, 820- 829	0	0	0	0	0	1	1	2	2	
Lower Limb										
-Dislocati-, 830- 839	0	1	3	2	6	0	1	1	2	8
on										
-Sprains & , 846- 847										
Strains -										
Back	0	1	0	0	1	0	1	4	5	6
-Sprains & , 840- 845,										
Strains - , 848										
Other	0	0	1	1	2	0	1	1	2	4
-Open Wound, 880- 887										
Upper Limb	0	0	0	0	0	0	1	1	2	2
-Open Wound, 890- 897										
Lower Limb	0	0	0	0	0	0	0	1	1	1
-Injury to , 900- 904										
Blood										
Vessels	0	0	0	0	0	0	1	0	1	1
-Contusion , 920- 924	0	0	1	0	1	0	1	1	2	3
-Burns , 940- 949	0	0	0	0	0	1	0	0	1	1
-Complicat-, 958- 959										
ions &										
Unspecified,										
Injuries	0	0	0	0	0	0	1	0	1	1
-Complicat-, 996- 999										
ions of										
Surgi cal /M,										
edical Care,	0	0	0	0	0	0	0	2	2	2
HEALTH , V01- V82										
STATUS/HEA-										
LTH SERVICE,										
CONTACT	0	0	1	0	1	0	1	0	1	2

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

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

	Women					Men				
	Age Group					Age Group				
	16 -	30 -	40 -	Tot-	Tot-	16 -	30 -	40 -	Tot-	Tot-
	29	39	49	50 +	al	29	39	49	50 +	al
Diagnostic Category										
ICD-9-CM Code										
-Health Services										
Reproductive/Development										
-Specific Procedures/Aftercare										
Total	1	14	55	38	108	14	63	108	185	293

\*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				
	Age Group					Age Group				
	16 -	30 -	40 -	Total		16 -	30 -	40 -	Total	
	29	39	49	50 +	al	29	39	49	50 +	al
Diagnostic Category										
ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	0	5	5	0	10	0	31	29	60	70
MALIGNANT NEOPLASMS										
NEOPLASMS	0	0	0	22	22	16	63	15	94	116
BENIGN & UNCERTAIN NEOPLASMS	0	41	59	48	148	16	55	45	116	264
ENDOCRINE/METABOLIC IMMUNITY	0	0	21	6	27	14	17	64	95	122
BLOOD FORMING ORGANS	0	0	0	0	0	0	0	61	61	61
MENTAL DISORDERS	0	12	258	24	294	15	62	131	208	502
NERVOUS SYSTEM (NS) & SENSE ORGANS	0	0	77	28	105	28	7	0	35	140
CIRCULATORY SYSTEM	0	34	32	0	66	0	25	424	449	515
RESPIRATORY SYSTEM	12	0	52	38	102	27	176	253	456	558
DIGESTIVE SYSTEM	0	0	65	121	186	66	99	286	451	637
GENITOURINARY SYSTEM	0	62	154	0	216	17	21	51	89	305
PREGNANCY & CHILDBIRTH	0	24	0	0	24	0	0	0	0	24

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

(CONTINUED)

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

	Women					Men				
	Age Group					Age Group				
	16 -	30 -	40 -	Tot-	al	16 -	30 -	40 -	Tot-	al
	29	39	49	50 +	al	39	49	50 +	al	al
Diagnostic Category										
SKIN & SUBCUTANEOUS TISSUE	0	0	13	0	13	0	0	0	0	13
MUSCULOSKELETAL & CONNECTIVE TISSUE	0	120	588	253	961	21	635	359	1015	1976
CONGENITAL ANOMALIES	0	0	0	0	0	0	48	0	48	48
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	0	39	52	83	174	0	162	100	262	436
INJURY & POISONING	0	56	72	59	187	7	149	242	398	585

\*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those 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										
	Admi-	nist-	Mana-	Prof-	Engi-	Tech-				
	rati-	gene-	essi-	neer-	ni ci-	Labo-	Oper-			
	ve	nt	onal	ing	ans	rers	ators	Total		
Diagnostic Category	ICD-9-CM Code									
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139									
-Viral Dis with Exanthem	050-057	0	0	0	0	0	0	1	1	2
-Other Viral Dis & Chlamydiae	070-079									
MALIGNANT NEOPLASMS	140-208, 230-234		1	0	0	0	0	0	0	1
-Breast	174-175		1	0	0	0	0	0	0	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239		2	0	0	2	0	0	0	4
ENDOCRINE/METABOLIC/IMMUNITY	240-279									
-Other Endocrine Gland Dis	250-259									
-Other Metabolic & Immunity Disorders	270-279		0	0	0	1	0	1	0	2
MENTAL DISORDERS	290-319		1	0	0	0	1	2	2	6
-Psychoses	290-299		0	0	0	0	0	0	1	1
-Non-Psychotic Disorders	300-302, 306-316		1	0	0	0	1	2	1	5

\*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																					
	Admi -	ni st -	Mana -	Prof -	Engi -	Tech -	rati -	gene -	essi -	neer -	ni ci -	Labo -	Oper -	ve	nt	onal	ing	ans	rers	ators	Total
Diagnostic Category	HEALTH	STATUS/HEALTH	SERVICE	CONTACT	- Specific	Procedures/A-	ftercare	Total													
ICD-9-CM Code	V01-V82				V50-V59																
	0	0	0	0	0	0	1	0	1												
	0	0	0	0	0	0	1	0	1												
	21	2	9	17	8	30	21	108													

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

(CONTINUED)

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

Diagnostic Category	Men																							
	Man-	Prof-	Engi-	Scie-	Tech-	gene-	essi-	neer-	ntis-	ni ci-	Craf-	Labo-	Oper-	nt	onal	ing	ts	ans	ts	rers	ators	Total		
INFECTIOUS & PARASITIC DISEASES (DIS)	0	0	0	0	0	0	0	3	0	1	4													
-Viral Dis with Exanthem	0	0	0	0	0	0	1	0	0	1														
-Other Viral Dis & Chlamydiae	0	0	0	0	0	2	0	1	3															
MALIGNANT NEOPLASMS	2	0	1	0	0	0	0	0	0	3														
-Bone, Connective Tissue, Skin	1	0	0	0	0	0	0	0	0	1														
-Genitourinary	0	0	1	0	0	0	0	0	0	1														
-Nervous System	1	0	0	0	0	0	0	0	0	1														
BENIGN & UNCERTAIN NEOPLASMS	1	0	0	0	0	1	0	2	0	4														
ENDOCRINE/METABOLIC/IMMUNITY	1	0	0	1	0	2	0	2	6															
-Other Endocrine Gland Dis	1	0	0	0	0	0	0	0	1	2														
-Other Metabolic & Immunity Disorders	0	0	0	1	0	2	0	1	4															

\*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\*

Men										
Job Category										
	Man-	Prof-	Engi-	Scie-	Tech-					
	gene-	essi-	neer-	ntis-	ni ci-	Craf-	Labo-	Oper-		
	nt	onal	ing	ts	ans	ts	rers	ators	Total	
Diagnostic Category	ICD-9-CM Code									
- Cerebrovasc-	430-438									
ular Dis		0	0	0	0	0	0	0	1	1
- Dis of	451-459									
Veins,										
Lymphatics,										
Other		1	0	1	0	0	1	0	0	3
RESPIRATORY	460-519									
SYSTEM		0	4	3	0	2	16	3	12	40
- Acute	460-466									
Respiratory										
Infections		0	1	0	0	0	2	1	3	7
- Other Dis	470-478									
Upper										
Respiratory										
Tract		0	2	0	0	0	5	0	3	10
- Pneumonia &	480-487									
Influenza		0	0	3	0	2	4	0	3	12
- Chroni c	490-496									
Obstructive										
Dis		0	1	0	0	0	4	1	2	8
- Other	510-519									
Respiratory										
Dis		0	0	0	0	0	1	1	1	3
DI GESTIVE	520-579									
SYSTEM		3	2	3	0	0	5	1	6	20
- Oral Cavity,	520-529									
Saliva										
Glands, Jaw		0	0	0	0	0	2	1	0	3
- Esophagus,	530-537									
Stomach,										
Duodenum		0	0	1	0	0	0	0	0	1
- Hernia	550-553									
		2	0	1	0	0	2	0	2	7

\*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\*

Diagnostic Category	Men										
	Man-	Prof-	Engi-	Scie-	Tech-	Oper-	Man-	Prof-	Engi-	Scie-	Tech-
-Enteritis, 555-558	0	0	0	0	0	0	0	0	2	2	
-Other, 560-569											
Intestinal Dis	1	1	1	0	0	1	0	0	4		
-Other, 570-579											
Digestive Dis	0	1	0	0	0	0	0	2	3		
GENITOURINARY, 580-629											
SYSTEM	1	0	0	0	1	4	0	0	6		
-Other, 590-599											
Urinary Dis	0	0	0	0	0	2	0	0	2		
-Male Genital, 600-608											
Organ Dis	1	0	0	0	1	2	0	0	4		
MUSCULOSKELE-TAL & CONNECTIVE TISSUE, 710-739											
-Arthropathies, 710-719	1	1	0	0	0	3	0	0	5		
-Dorsopathies, 720-724	1	1	2	0	0	3	2	9	18		
-Rheumatism, 725-729											
Excluding Back	0	0	0	0	0	3	1	0	4		
-Other Dis & Acquired Deformities, 730-739											
CONGENITAL ANOMALIES, 740-759	1	0	0	0	0	0	0	0	1		
SYMPTOMS, SIGNS, & ILL-DEFINED COND., 780-799	0	1	1	0	0	10	7	4	23		

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

(CONTINUED)

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

Men										
Job Category										
	Man-	Prof-	Engi-	Scie-	Tech-					
	gene-	essi-	neer-	ntis-	ni ci-	Craf-	Labo-	Oper-		
	nt	onal	ing	ts	ans	ts	rers	ators	Total	
Diagnostic Category	ICD-9-CM Code									
	%									
-Symptoms	780-789	0	1	1	0	0	8	7	4	21
-Non-Specific	790-796									
Abnormal Findings		0	0	0	0	0	2	0	0	2
INJURY & POISONING	800-999	1	0	1	0	1	3	3	13	22
-Fracture -	805-809									
Neck, Trunk		0	0	0	0	0	0	0	1	1
-Fracture -	820-829									
Lower Limb		1	0	0	0	0	1	0	0	2
-Dislocation	830-839	0	0	0	0	0	1	0	1	2
-Sprains & Strains -	846-847									
Back		0	0	0	0	0	1	2	2	5
-Sprains & Strains -	840-845, 848									
Other		0	0	0	0	1	0	0	1	2
-Open Wound -	880-887									
Upper Limb		0	0	1	0	0	0	0	1	2
-Open Wound -	890-897									
Lower Limb		0	0	0	0	0	0	0	1	1
-Injury to	900-904									
Blood Vessels,		0	0	0	0	0	0	0	1	1
-Contusion	920-924	0	0	0	0	0	0	0	2	2
-Burns	940-949	0	0	0	0	0	0	1	0	1
-Complicatio-	958-959									
ns & Unspecified										
Injuries		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)

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

	Men									
	Job Category									
	Man-	Prof-	Engi-	Scie-	Tech-					
	gene-	essi-	neer-	ntis-	nicl-	Craf-	Labo-	Oper-		
	nt	onal	ing	ts	ans	ts	rers	ators	Total	
Diagnostic Category										
-Complications of Surgical/Medical Care	0	0	0	0	0	0	0	0	2	2
HEALTH STATUS/HEALTH SERVICE CONTACT	0	0	0	0	1	0	0	0	0	1
-Health Services/Reproduction/Development	0	0	0	0	1	0	0	0	0	1
Total	16	12	15	2	7	62	18	53	185	

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



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

Women									
Job Category									
	Admi -	nist -	Mana -	Prof -	Engi -	Tech -			
	rati -	gene -	essi -	neer -	ni ci -	Labo -	Oper -		
	ve	nt	onal	ing	ans	rers	ators	Total	
Diagnostic ICD-9-CM Code									
Category									
MUSCULOSKELE- 710-739									
TAL & CONNECTIVE TISSUE	70,	52,	79,	90,	225,	232,	213,	961,	
SYMPTOMS, 780-799									
SIGNS, & ILL-DEFINED COND.	42,	0,	34,	0,	0,	86,	12,	174,	
INJURY & POISONING 800-999	79,	0,	0,	29,	0,	27,	52,	187,	

\*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)

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

Men																								
Job Category																								
	Man-	Prof-	Engi-	Scie-	Tech-	gene-	essi-	neer-	ntis-	ni ci-	Craf-	Labo-	Oper-	nt	onal	ing	ts	ans	ts	rers	ators	Total		
Diagnostic Category																								
INFECTIOUS & PARASITIC DISEASES (DIS)														0	0	0	0	0	46	0	14	60		
MALIGNANT NEOPLASMS																								
BENIGN & UNCERTAIN NEOPLASMS																								
ENDOCRINE/METABOLIC/DIABETES																								
BLOOD & BLOOD FORMING ORGANS																								
MENTAL DISORDERS																								
NERVOUS SYSTEM (NS) & SENSE ORGANS																								
CIRCULATORY SYSTEM																								
RESPIRATORY SYSTEM																								
DIGESTIVE SYSTEM																								
GENITOURINARY SYSTEM																								
MUSCULOSKELETAL & CONNECTIVE TISSUE																								

\*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)

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

Men										
Job Category										
	Man-	Prof-	Engi-	Scie-	Tech-					
	gene-	essi-	neer-	ntis-	ni ci-	Craf-	Labo-	Oper-		
	nt	onal	ing	ts	ans	ts	rers	ators	Total	
Di agnostic , ICD-9-CM Code ,										
Category										
CONGENITAL , 740-759										
ANOMALIES	48,	0,	0,	0,	0,	0,	0,	0,	0,	48,
SYMPTOMS, , 780-799										
SIGNS, & ILL-										
DEFINED COND. ,	0,	15,	34,	0,	0,	103,	32,	78,	262,	
INJURY & , 800-999										
POISONING	12,	0,	12,	0,	14,	79,	93,	188,	398,	

\*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.

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## 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	1.5	0.6	4.1
Malignant Neoplasms	140-208, 230-234	3	1.8	0.5	6.2
- 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	1	0.4	0.1	2.8
- Nervous System	191-192	1	1.0	0.1	7.0
- Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	4	2.1	0.7	6.3
Endocrine & Metabolic Diseases	240-279	6	2.8	1.2	6.9
Blood & Blood-Forming Organs	280-289	1	0.4	0.1	2.6
Mental Disorders	290-319	5	2.5	1.0	6.7
- Alcoholism	303	1	0.4	0.1	2.8
- Drug Abuse	304-305	1	0.4	0.1	2.8
Nervous System & Sense Organs	320-389	2	1.4	0.3	6.2
Circulatory System	390-459	19	7.8	4.8	12.7
- Hypertension	401	1	0.4	0.1	2.6
- Acute Myocardial Infarction	410	0	0	0	0
- Ischemic Disease, not M.I.	411-414, 429.2	11	4.1	2.2	7.3
- Cerebrovascular Disease	430-438	1	0.4	0.1	2.8
Respiratory System	460-519	40	17.1	12.2	23.9
- Upper Respiratory	460-465, 470-478	15	5.7	3.4	9.4
- Pneumonia/Bronchitis	466, 480-487	14	7.2	4.0	13.1
- Chronic Respiratory Conditions	490-496	8	3.1	1.5	6.1
Digestive System	520-579	20	9.4	5.8	15.2
- Hernias	550-553	7	2.6	1.2	5.4
- Gallbladder Disease	574-575	2	1.4	0.3	6.2
Genitourinary System	580-629	6	2.8	1.2	6.9
- Benign Prostatic Hypertrophy	600	1	0.4	0.1	2.6
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	28	13.5	8.9	20.4
- Dorsopathies	720-724	18	9.6	5.7	16.3
Congenital Anomalies	740-759	1	0.4	0.1	2.8
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	23	8.8	5.8	13.2
Injury & Poisoning	800-999	22	8.9	5.8	13.9
- Fractures, All Sites	800-829	3	1.1	0.4	3.5
- Dislocations	830-839	2	0.8	0.2	3.1
- Sprains & Strains	840-848	7	2.6	1.3	5.5
- Intracranial Injuries	850-854	0	0	0	0
- Internal Injuries	860-869	0	0	0	0
- Open Wounds	870-897	3	1.1	0.4	3.5
- Other Injuries	900-999	7	3.3	1.5	7.4
Health Status/Health Serv Contact	V01-V82	1	0.4	0.1	2.8
- Family History of Health Problems	V10-V19	0	0	0	0
- Circumstances Reproduction/Develop	V20-V28	1	0.4	0.1	2.8
- Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		185	81.6	69.8	95.5

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

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



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## 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	2	2.1	0.5	8.7
Malignant Neoplasms	140-208, 230-234	1	1.5	0.2	10.4
- Digestive Organs	150-159	0	0	0	0
- Respiratory System	160-165	0	0	0	0
- Breast	174-175	1	1.5	0.2	10.4
- 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	4	4.4	1.6	12.1
Endocrine & Metabolic Diseases	240-279	2	2.3	0.5	9.7
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	6	6.7	2.9	15.3
- Alcoholism	303	0	0	0	0
- Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	5	5.5	2.2	13.5
Circulatory System	390-459	3	3.0	0.9	9.4
- Hypertension	401	2	2.1	0.5	8.7
- Acute Myocardial Infarction	410	0	0	0	0
- Ischemic Disease, not M.I.	411-414, 429.2	1	0.8	0.1	6.0
- Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	11	19.2	7.6	48.2
- Upper Respiratory	460-465, 470-478	5	12.9	3.5	47.7
- Pneumonia/Bronchitis	466, 480-487	4	4.0	1.4	11.0
- Chronic Respiratory Conditions	490-496	1	1.5	0.2	10.4
Digestive System	520-579	14	17.4	10.1	29.7
- Hernias	550-553	0	0	0	0
- Gallbladder Disease	574-575	6	6.3	2.7	14.4
Genitourinary System	580-629	8	7.6	3.8	15.4
- Endometriosis	617	0	0	0	0
- Ovarian Cysts	620.0-620.2	1	0.8	0.1	6.0
- Female Genital Pain/Bleeding	625-626	3	3.0	0.9	9.4
Pregnancy & Childbirth***	630-639	1	1.3	0.2	9.0
Skin & Subcutaneous Tissue	680-709	2	1.7	0.4	6.7
Musculoskeletal System	710-739	28	35.8	22.0	58.2
- Dorsopathies	720-724	10	10.7	5.6	20.3
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	10	13.0	6.9	24.4
Injury & Poisoning	800-999	10	11.1	5.9	21.1
- Fractures, All Sites	800-829	0	0	0	0
- Dislocations	830-839	6	6.7	2.9	15.3
- Sprains & Strains	840-848	3	3.6	1.1	11.4
- 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	0.8	0.1	6.0
Health Status/Health Serv Contact	V01-V82	1	0.8	0.1	6.0
- 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	1	0.8	0.1	6.0
<b>Total</b>		<b>108</b>	<b>133.2</b>	<b>105.4</b>	<b>168.5</b>

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

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

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

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## 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	6	2.0	0.8	4.5
Malignant Neoplasms	140-208, 230-234	4	1.4	0.5	4.0
- Digestive Organs	150-159	0	0	0	0
- Respiratory System	160-165	0	0	0	0
- Breast	174-175	1	0.3	0.0	2.1
- Genitourinary	179-189	1	0.3	0.0	1.9
- Nervous System	191-192	1	0.6	0.1	3.9
- Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	8	2.8	1.3	5.8
Endocrine & Metabolic Diseases	240-279	8	2.6	1.2	5.3
Blood & Blood-Forming Organs	280-289	1	0.3	0.0	2.1
Mental Disorders	290-319	11	3.6	2.0	6.8
- Alcoholism	303	1	0.3	0.0	1.9
- Drug Abuse	304-305	1	0.3	0.0	1.9
Nervous System & Sense Organs	320-389	7	2.2	1.0	4.8
Circulatory System	390-459	22	7.3	4.6	11.5
- Hypertension	401	3	1.1	0.3	3.7
- Acute Myocardial Infarction	410	0	0	0	0
- Ischemic Disease, not M.I.	411-414, 429.2	12	3.5	2.0	6.1
- Cerebrovascular Disease	430-438	1	0.3	0.0	1.9
Respiratory System	460-519	51	19.8	12.2	32.4
- Upper Respiratory	460-465, 470-478	20	9.8	3.9	24.4
- Pneumonia/Bronchitis	466, 480-487	18	6.3	3.8	10.6
- Chronic Respiratory Conditions	490-496	9	2.5	1.3	4.9
Digestive System	520-579	34	10.5	7.4	14.9
- Hernias	550-553	7	2.0	1.0	4.3
- Gallbladder Disease	574-575	8	2.5	1.2	5.1
Genitourinary System	580-629	14	4.7	2.7	8.2
- Benign Prostatic Hypertrophy	600	1	0.3	0.0	2.1
- Endometriosis	617	0	0	0	0
- Ovarian Cysts	620.0-620.2	1	0.3	0.0	1.9
- Female Genital Pain/Bleeding	625-626	3	1.1	0.3	3.7
Pregnancy & Childbirth***	630-639	1	0.6	0.1	3.9
Skin & Subcutaneous Tissue	680-709	2	0.5	0.1	2.2
Musculoskeletal System	710-739	56	19.1	14.3	25.6
- Dorsopathies	720-724	28	10.1	6.6	15.3
Congenital Anomalies	740-759	1	0.3	0.0	1.9
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	33	9.9	7.0	14.1
Injury & Poisoning	800-999	32	9.9	6.9	14.1
- Fractures, All Sites	800-829	3	0.9	0.3	2.7
- Dislocations	830-839	8	2.5	1.2	5.2
- Sprains & Strains	840-848	10	3.1	1.6	5.9
- Intracranial Injuries	850-854	0	0	0	0
- Internal Injuries	860-869	0	0	0	0
- Open Wounds	870-897	3	0.9	0.3	2.7
- Other Injuries	900-999	8	2.5	1.2	5.2
Health Status/Health Serv Contact	V01-V82	2	0.5	0.1	2.2
- Family History of Health Problems	V10-V19	0	0	0	0
- Circumstances Reproduction/Develop	V20-V28	1	0.3	0.0	1.9
- Specific Procedure/Aftercare	V50-V59	1	0.3	0.0	1.9
<b>Total</b>		<b>293</b>	<b>98.1</b>	<b>84.8</b>	<b>113.5</b>

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

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

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

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## Appendix L. Relative Risk Estimates for Selected Diagnostic Categories Among 5-Day Absences

Diagnostic Category	Administrative 211 Person-Years				Management 363 Person-Years				Professional 310 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	16	0.7	0.4	1.3	12	0.4	0.2	0.7	12	0.5	0.3	0.8
Circulatory System	0				2	0.7	0.1	3.2	2	1.3	0.3	6.2
Respiratory System	2	0.4	0.1	2.0	0				2	0.3	0.1	1.3
Digestive System	2	0.4	0.1	1.7	3	0.7	0.2	2.4	3	0.7	0.2	2.3
Genitourinary System	3	2.0	0.4	10.0	1	0.6	0.1	5.2	1	0.4	0.05	4.1
Musculoskeletal & Connective Tissue	3	0.4	0.1	1.4	3	0.5	0.1	1.5	3	0.4	0.1	1.5
Symptoms, Signs, & Ill- Defined Condition	1	0.3	0.03	2.2	0				2	0.5	0.1	2.1
Injury & Poisoning	2	0.7	0.1	3.1	1	0.2	0.02	1.4	0			

Diagnostic Category	Engineering 453 Person-Years				Scientists 59 Person-Years				Technicians 116 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	19	0.6	0.4	0.9	1	0.2	0.03	1.7	9	1.1	0.6	2.2
Circulatory System	2	0.7	0.2	3.2	0				1	1.7	0.2	12.5
Respiratory System	4	0.4	0.2	1.2	0				3	1.6	0.5	5.2
Digestive System	4	0.8	0.3	2.3	0				2	1.6	0.4	7.0
Genitourinary System	1	0.4	0.1	2.7	0				1	1.5	0.2	11.0
Musculoskeletal & Connective Tissue	5	0.7	0.3	1.8	0				1	0.5	0.1	3.8
Symptoms, Signs, & Ill- Defined Condition	1	0.2	0.02	1.3	0				0			
Injury & Poisoning	3	0.6	0.2	1.9	0				1	0.8	0.1	5.8

Diagnostic Category	Crafts 212 Person-Years				Laborers 123 Person-Years				Operators 197 Person-Years				Total Perso ns with 1+ Event
	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	31	2.3	1.5	3.6	19	2.4	1.5	3.9	35	2.8	1.9	4.1	154
Circulatory System	3	1.7	0.4	6.9	0				3	2.5	0.7	9.1	13
Respiratory System	13	3.5	1.6	7.6	7	3.5	1.5	7.9	11	3.0	1.5	6.1	42
Digestive System	3	1.4	0.3	5.4	2	1.3	0.3	5.8	6	3.2	1.3	8.3	25
Genitourinary System	3	7.0	1.2	39.3	1	2.0	0.3	15.1	0				11
Musculoskeletal & Connective Tissue	6	2.4	0.9	6.5	5	2.6	1.0	6.5	10	3.8	1.8	7.9	36
Symptoms, Signs, & Ill- Defined Condition	7	4.2	1.5	11.7	7	6.3	2.6	15.5	6	2.9	1.1	7.2	24
Injury & Poisoning	3	1.0	0.3	3.9	5	4.8	1.7	13.4	9	5.7	2.4	13.3	24

\* 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

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## 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 - Definitely 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	Nonproduction
354.0	Mononeuritis of upper limb and mononeuritis multiplex	
495.4	Malt worker's lung	
495.5	Mushroom worker's lung	
495.8	Grain handler's lung, Sequoiosis	
495.9	Unspecified allergic alveolitis	
500	Coal worker'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	Nonproduction

(CONTINUED)

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## Appendix M Sentinel Health Events for Occupations (SHE0)

Diagnoses - Possibly SHE0s		
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	Nonproduction
042	Human immunodeficiency virus	
056	Rubella	
070.0, 070.1	Hepatitis A	
070.2, 070.3	Hepatitis B	
070.4	Non-A, non-B hepatitis	
071	Rabies	Nonproduction
073	Ornithosis	
082.0	Rocky Mountain spotted fever	
100.8	Leptospirosis	
115	Histoplasmosis	Nonproduction
117.1	Sporotrichosis	
147	Malignant neoplasm of nasopharynx	Nonproduction
160.0	Malignant neoplasm of nasal cavities	Nonproduction
161	Malignant neoplasm of larynx	Production
162	Malignant neoplasm of trachea, bronchus, and lung	Production
170	Malignant neoplasm of bone	Production

(CONTINUED)

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	Nonproduction
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	Nonproduction
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)	Nonproduction
493.0, 507.8	Extrinsic asthma	Nonproduction
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	

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OSHA DATA

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

	Women				Men				
	Age Group				Age Group				
	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total
Job Category									
Administrative	0	4	0	4	0	0	0	0	4
Professional	1	0	2	3	0	0	1	0	4
Engineering	0	1	0	1	0	0	1	0	2
Crafts	0	0	0	0	0	0	4	3	7
Laborers	1	1	1	3	2	1	1	2	6
Operators	1	0	2	3	0	0	2	0	5
Total	3	6	5	14	2	1	9	5	17

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

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OSHA DATA

Appendix 0. Total Number of Workdays Lost or with Restricted Activity from OSHA Events by Gender and Age

	Women	Men	Total
# of ,Restr-, Days , # of ,Restr-, Days , # of ,Restr-, Days ,			
,Events,icted , Lost ,Events,icted , Lost ,Events,icted , Lost ,			
,Age Group			
, 16 - 29	0,	0,	0,
, 30 - 39	3,	1,	0,
, 40 - 49	6,	14,	93,
, 50 +	5,	16,	14,
,Total	14,	31,	107,



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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
Days	30	0	30
# of Restr- Days	30	0	30
Events, icted , Lost	4	9	13
Job Category			
Administrative	4	9	13
Professional	3	1	4
Engineering	1	0	1
Crafts	0	0	0
Laborers	3	5	8
Operators	3	16	19
Total	14	31	45

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

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OSHA DATA

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

Diagnostic Category	Women					Men					Total
	Age Group					Age Group					
	30 -	40 -	50 +	Total	16 -	30 -	40 -	50 +	Total		
MENTAL DISORDERS, ICD-9-CM Code 290-319	0	0	0	0	0	0	1	0	1	1	1
- Non-Psychotic Disorders, ICD-9-CM Code 300-302, 306-316	0	0	0	0	0	0	1	0	1	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS, ICD-9-CM Code 320-389	0	1	1	2	0	0	0	2	2	4	4
- Disorders of Peripheral NS, ICD-9-CM Code 350-359	0	1	1	2	0	0	0	2	2	4	4
DIGESTIVE SYSTEM, ICD-9-CM Code 520-579	0	0	0	0	0	0	1	0	1	1	1
- Hernia, ICD-9-CM Code 550-553	0	0	0	0	0	0	1	0	1	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE, ICD-9-CM Code 710-739	1	3	2	6	0	1	0	1	2	8	8
- Arthropathies, ICD-9-CM Code 710-719	0	1	1	2	0	0	0	1	1	3	3
- Dorsopathies, ICD-9-CM Code 720-724	0	1	0	1	0	0	0	0	0	1	1
- Rheumatism, ICD-9-CM Code 725-729											
Excluding Back, ICD-9-CM Code 800-999	1	1	1	3	0	1	0	0	1	4	4
INJURY & POISONING, ICD-9-CM Code 810-819	2	2	2	6	3	0	7	2	12	18	18
- Fracture - Upper Limb, ICD-9-CM Code 846-847	1	0	0	1	1	0	0	0	1	2	2
- Sprains & Strains - Back, ICD-9-CM Code 846-847	0	0	1	1	1	0	1	0	2	3	3

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

(CONTINUED)

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OSHA DATA

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

Diagnostic Category	Women					Men					Total
	30 - 39	40 - 49	50 +	Total	%	16 - 29	30 - 39	40 - 49	50 +	Total	
- Open Wound - , 870-879											
Head, Neck, Trunk											
- Open Wound - , 880-887											
Upper Limb											
- Superficial , 910-919											
Injury											
- Complications & Unspecified Injuries , 958-959											
- Unspecified , 990-995											
Effects - External Causes											
Total											

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

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OSHA DATA

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

		Women					
		Age Group					
		30 - 39 , 40 - 49 , 50 +					
		Days, Days, Days,					
		Res-, Res-, Res-,					
		tri-, Days, tri-, Days, tri-, Days,					
		cted, Lost, cted, Lost, cted, Lost,					
		%					
Diagnostic Category	ICD-9-CM Codes						
- Disorders of	350-359						
Peripheral NS,		0	0	9	0	0	0
- Arthropathi-	710-719						
es		0	0	0	0	5	0
- Dorsopathi es,	720-724						
		0	0	5	63	0	0
- Rheumati sm,	725-729						
Excludi ng							
Back		1	0	0	0	0	0
- Fracture -	810-819						
Upper Limb		0	0	0	0	0	0
- Sprains &	846-847						
Strains -							
Back		0	0	0	0	11	0
- Complicatio-	958-959						
ns &							
Unspeci fied							
Injuri es		0	0	0	30	0	14
- Unspeci fied	990-995						
Effects -							
External							
Causes		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.

(CONTINUED)

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OSHA DATA

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

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„fffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffff†
,
,                               Men
,                               ,
,                               ‡fffffffffffffffffffffffffffffffffffff%
,                               ,
,                               Age Group
,                               ,
,                               ‡fffffffffff...ffffffffff...ffffffffff...ffffffffff%
,                               , 16 - 29 , 30 - 39 , 40 - 49 , 50 + ,
,                               ‡ffff~ffff^ffff~ffff^ffff~ffff^ffff~ffff%
,                               , Days, , Days, , Days, , Days, ,
,                               , Res-, , Res-, , Res-, , Res-, ,
,                               , tri-, Days, tri-, Days, tri-, Days, tri-, Days,
,                               , cted, Lost, cted, Lost, cted, Lost, cted, Lost,
‡ffffffffffffffff~ffffffffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff%
, Diagnostic , ICD-9-CM Codes, , , , , , , , ,
, Category , , , , , , , , ,
‡ffffffffffffffff~ffffffffff% , , , , , , , , ,
, -Non- , 300-302, 306- , , , , , , , , ,
, Psychotic , 316 , , , , , , , , ,
, Disorders , , 0, 0, 0, 0, 0, 0, 0, 0,
‡ffffffffffffffff~ffffffffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff%
, -Disorders of, 350-359 , , , , , , , , ,
, Peripheral NS, , 0, 0, 0, 0, 0, 0, 0, 0,
‡ffffffffffffffff~ffffffffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff%
, -Hernia , 550-553 , 0, 0, 0, 0, 0, 20, 0, 0,
‡ffffffffffffffff~ffffffffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff%
, -Arthropathi-, 710-719 , , , , , , , , ,
, es , , 0, 0, 0, 0, 0, 0, 0, 72,
‡ffffffffffffffff~ffffffffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff%
, -Rheumatism, , 725-729 , , , , , , , , ,
, Excluding , , , , , , , , ,
, Back , , 0, 0, 0, 0, 0, 0, 0, 0,
‡ffffffffffffffff~ffffffffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff%
, -Fracture - , 810-819 , , , , , , , , ,
, Upper Limb , , 34, 0, 0, 0, 0, 0, 0, 0,
‡ffffffffffffffff~ffffffffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff%
, -Sprains & , 846-847 , , , , , , , , ,
, Strains - , , , , , , , , ,
, Back , , 0, 0, 0, 0, 0, 0, 0, 0,
‡ffffffffffffffff~ffffffffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff%
, -Open Wound -, 870-879 , , , , , , , , ,
, Head, Neck, , , , , , , , ,
, Trunk , , 0, 0, 0, 0, 37, 2, 0, 0,
‡ffffffffffffffff~ffffffffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff%
, -Open Wound -, 880-887 , , , , , , , , ,
, Upper Limb , , 0, 0, 0, 0, 0, 0, 0, 0,
‡ffffffffffffffff~ffffffffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff%
, -Superficial , 910-919 , , , , , , , , ,
, Injury , , 0, 0, 0, 0, 0, 0, 0, 0,
‡ffffffffffffffff~ffffffffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff~ffff%
, -Complicatio-, 958-959 , , , , , , , , ,
, ns & , , , , , , , , ,
, Unspecified , , , , , , , , ,
, Injuries , , 0, 0, 0, 0, 1, 7, 0, 50,

```

\*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.



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OSHA DATA

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

„ffffffffffffffffffffffffffffffff..fffffffff†  
 , Women ,  
 , †fffffffff%  
 , Age Group,  
 , †fffffffff%  
 , 30 - 39 ,  
 , †fff..fff%  
 , Days, ,  
 , Res- , ,  
 , tri- , Days,  
 , cted, Lost,  
 †ffffffffffffffff..ffffffffffffffff~fff~fff%  
 , Type of , E Codes , , ,  
 , Accident , , , ,  
 †ffffffffffffffff~fffffffffffffffff% , , ,  
 , Natural /Envi-, E900- E909 , , ,  
 , ronmental , , , ,  
 , Factors , , 0, 0,  
 Šfffffffffffffff<fffffffffffffff<fff<fff€

\*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.

(CONTINUED)

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OSHA DATA

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

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„ffffffffffffffffffffffffffff~ffffffffffffffffffff†
,
, Men ,
, †ffffffffffffffffffff%
, Age Group ,
, †ffffffffffff~ffffffffffff%
, , 16 - 29 , 40 - 49 ,
, †ffff~ffff^ffff~ffff%
, , Days, , Days, ,
, , Res- , , Res- ,
, , tri- , Days, tri- , Days,
, , cted, Lost, cted, Lost,
†ffffffffffff~ffffffffffff^ffff^ffff^ffff^ffff%
, Type of , E Codes , , , ,
, Accident , , , , ,
†ffffffffffff^ffffffffffff%
, Natural /Envi-, E900- E909 , , , ,
, ronmental , , , ,
, Factors , , 0, 0, 0, 0,
Šffffffffffff<ffffffffffff<ffff<ffff<ffff<ffff€

```

\*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.



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OSHA DATA

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

		Women						
		Job Category						
		Admi	ni st	Prof	Engi	Oper	Total	%
		ve	onal	ing	rers	ators	Total	%
Diagnostic Category	ICD-9-CM Code							
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0	0	1	0	2	
- Disorders of, Peripheral NS,	350-359	1	0	0	1	0	2	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	2	2	0	1	1	6	
- Arthropathies,	710-719	1	0	0	0	1	2	
- Dorsopathies,	720-724	0	0	0	1	0	1	
- Rheumatism,	725-729							
Excluding Back	800-999	1	1	1	1	2	6	
- Fracture - Upper Limb	810-819	0	0	0	1	0	1	
- Sprains & Strains - Back	846-847	0	0	0	0	1	1	
- Complications & Unspecified Injuries	958-959	1	1	1	0	0	3	
- Unspecified Effects - External Causes	990-995	0	0	0	0	1	1	
Total		4	3	1	3	3	14	

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

(CONTINUED)

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OSHA DATA

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

		Men						
		Job Category						
		Prof-	Engi-	essi-	neer-	Craf-	Labo-	Oper-
		onal	ing	ts	rers	ators	Total	
Diagnostic Category	ICD-9-CM Code							%
MENTAL DISORDERS	290-319							
- Non-Psychotic Disorders	300-302, 306-316	1	0	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS - Disorders of	320-389							
Peripheral NS	350-359	0	0	1	1	0	2	
DIGESTIVE SYSTEM - Hernia	520-579	0	0	1	0	0	1	
MUSCULOSKELETAL & CONNECTIVE TISSUE - Arthropathies	710-739							
- Rheumatism, Excluding Back	725-729	0	0	0	1	0	1	
INJURY & POISONING - Fracture - Upper Limb	800-999	0	1	4	5	2	12	
- Sprains & Strains - Back	846-847	0	0	0	1	1	2	

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

(CONTINUED)

ETTP 1999

OSHA DATA

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

```

„ffffffffffffffffffffffffffffffff..ffffffffffffffffffffffffffffffffffff†
,
,                               ,                               Men                               ,
,                               ‡ffffffffffffffffffffffffffffffff..fffff%
,                               ,                               Job Category                               ,
,                               ‡fffff..fffff..fffff..fffff..fffff%
,                               ,Prof-,Engi-, , , , , ,
,                               ,essi-,neer-,Craf-,Labo-,Oper-,
,                               ,onal,ing,ts,rers,ators,Total,
‡fffffffffffff..fffffffffffff~fffff~fffff~fffff~fffff~fffff~fffff%
,Diagnostic,ICD-9-CM Code, , , , , , ,
,Category, , , , , , ,
‡fffffffffffff~fffffffffffff%
,-Open Wound -,870-879, , , , , , ,
,Head,Neck, , , , , , ,
,Trunk, , , 0, 1, 1, 0, 0, 2,
‡fffffffffffff~fffffffffffff~fffff~fffff~fffff~fffff~fffff%
,-Open Wound -,880-887, , , , , , ,
,Upper Limb, , , 0, 0, 1, 0, 1, 2,
‡fffffffffffff~fffffffffffff~fffff~fffff~fffff~fffff~fffff%
,-Superficial,910-919, , , , , , ,
,Injury, , , 0, 0, 0, 2, 0, 2,
‡fffffffffffff~fffffffffffff~fffff~fffff~fffff~fffff~fffff%
,-Complicatio-,958-959, , , , , , ,
,ns &
,Unspecified, , , , , , ,
,Injuries, , , 0, 0, 2, 1, 0, 3,
‡fffffffffffff<fffffffffffff~fffff~fffff~fffff~fffff~fffff~fffff%
,Total, , , 1, 1, 7, 7, 2, 18,
Šfffffffffffff<fffff<fffff<fffff<fffff<fffff<fffff

```

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



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OSHA DATA

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

Men											
Job Category											
Professional	Engineering	Crafts	Laborers	Operators	Days	Days	Days	Days	Days	Days	Days
Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-
tri -	tri -	tri -	tri -	tri -	tri -	tri -	tri -	tri -	tri -	tri -	tri -
cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,
Diagnostic Category	ICD-9-CM Codes										
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	0	0	0	0	0	0	0
-Diorders of, Peripheral NS,	350-359	0	0	0	0	0	0	0	0	0	0
-Hernia	550-553	0	0	0	0	0	20	0	0	0	0
-Arthropathies	710-719	0	0	0	0	0	72	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	34	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	37	2	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	1	7	0	50	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.

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OSHA DATA

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

„ffffffffffffffffffffffffffffffff.....ffffffffffff†  
 , , Women ,  
 , †fffff...fffff%  
 , Job ,  
 , Cate- ,  
 , gory ,  
 , †fffff%  
 , Oper- ,  
 , ators, Total ,  
 †fffffffffffff...fffffffffffff~fffff~fffff%  
 , Type of , E CODES , , ,  
 , Accident , , , ,  
 †fffffffffffff~fffffffffffff%  
 , Natural /Envi-, E900- E909 , , ,  
 , ronmental , , , ,  
 , Factors , , 1, 1,  
 Šfffffffffffff<fffffffffffff<fffff<fffff€

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

(CONTINUED)

ETTP 1999

OSHA DATA

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

```

„ffffffffffffffffffffffffffffffff.....ffffffffffff†
,                               ,   Men   ,
,                               †fffff...fffff‰
,                               ,   Job   ,
,                               , Cate- ,
,                               , gory ,
,                               †fffff‰
,                               , Labo- ,
,                               , rers , Total ,
†ffffffffffffffff.....ffffffffffffffff~fffff~fffff‰
, Type of      , E CODES      ,
, Accident      ,
†ffffffffffffffff~ffffffffffffffff‰
, Natural /Envi-, E900- E909 ,
, ronmental    ,
, Factors      ,      2,      2,
Šfffffffffffff< fffffffffff< ffffff< ffffffœ

```

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

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OSHA DATA

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

```

„fffffffffffffffffffffffff..fffffffff†
,      , Women ,
,      ‡fffffffff%
,      , Job ,
,      , Category ,
,      ‡fffffffff%
,      , Operators,
,      ‡fff..fff%
,      , Days, ,
,      , Res- , ,
,      , tri- , Days,
,      , cted, Lost,
‡fffffffffff..fffffffffff^ffff^fff%
, Type of , E Codes , , ,
, Accident , , , ,
‡fffffffffff^fffffffffff% , ,
, Natural /Envi-, E900- E909 , , ,
, ronmental , , , ,
, Factors , , 0, 0,
Šfffffffffff<fffffffffff<ffff<fff€

```

\*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.

(CONTINUED)



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OSHA DATA

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

```

„ffffffffffffffffffffffffffffffff..fffffffff†
,           ,   Men   ,
,           †fffffffff%
,           ,   Job   ,
,           , Category ,
,           †fffffffff%
,           , Laborers ,
,           †fff..fff%
,           , Days,   ,
,           , Res- ,   ,
,           , tri- , Days,
,           , cted, Lost,
†ffffffffffffffff..ffffffffffffffff^ffff^ffff%
, Type of      , E Codes  ,   ,   ,
, Accident     ,           ,   ,   ,
†ffffffffffffffff^ffffffffffffffff%
, Natural /Envi-, E900- E909 ,   ,   ,
, ronmental   ,           ,   ,   ,
, Factors     ,           , 0, 0,
Šffffffffffffffff<ffffffffffffffff<ffff<ffff€

```

\*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.

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## 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	1	0.4	0.1	2.8
- Alcoholism	303	0	0	0	0
- Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	2	1.5	0.3	7.2
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	1	0.4	0.1	2.8
- Hernias	550-553	1	0.4	0.1	2.8
- 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	2	1.4	0.3	6.2
- 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	12	31.6	11.5	86.7
- Fractures, All Sites	800-829	1	9.4	1.3	66.5
- Dislocations	830-839	0	0	0	0
- Sprains & Strains	840-848	2	9.8	1.5	64.1
- Intracranial Injuries	850-854	0	0	0	0
- Internal Injuries	860-869	0	0	0	0
- Open Wounds	870-897	4	1.6	0.6	4.3
- Other Injuries	900-999	5	10.9	2.0	59.1
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
<b>Total</b>		<b>18</b>	<b>35.3</b>	<b>14.2</b>	<b>87.6</b>

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

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

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## 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	2	2.3	0.5	9.7
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
- 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	6	6.7	2.9	15.3
- Dorsopathies	720-724	1	0.8	0.1	6.0
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	6	7.1	3.2	16.2
- Fractures, All Sites	800-829	1	1.3	0.2	9.0
- Dislocations	830-839	0	0	0	0
- Sprains & Strains	840-848	1	1.5	0.2	10.4
- 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	4	4.4	1.6	12.1
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
<b>Total</b>		<b>14</b>	<b>16.2</b>	<b>9.4</b>	<b>27.7</b>

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

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

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

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## 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	1	0.3	0.0	1.9
- Alcoholism	303	0	0	0	0
- Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	4	1.8	0.6	5.9
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	1	0.3	0.0	1.9
- Hernias	550-553	1	0.3	0.0	1.9
- 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	8	2.8	1.3	5.8
- Dorsopathies	720-724	1	0.3	0.0	1.9
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	18	17.9	7.7	41.7
- Fractures, All Sites	800-829	2	4.9	0.9	28.6
- Dislocations	830-839	0	0	0	0
- Sprains & Strains	840-848	3	5.0	0.9	28.4
- Intracranial Injuries	850-854	0	0	0	0
- Internal Injuries	860-869	0	0	0	0
- Open Wounds	870-897	4	1.1	0.4	2.9
- Other Injuries	900-999	9	6.9	1.9	24.7
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
<b>Total</b>		<b>32</b>	<b>23.1</b>	<b>11.8</b>	<b>45.0</b>

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

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

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

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

Diagnostic Category	Administrative 211 Person-Years				Management 363 Person-Years				Professional 310 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	4	0.7	0.2	2.4	0				4	0.7	0.2	2.1
Injury & Poisoning	1	0.4	0.04	3.5	0				1	0.3	0.03	2.5

Diagnostic Category	Engineering 453 Person-Years				Scientists 59 Person-Years				Technicians 116 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	0.3	0.1	1.1	0				0			
Injury & Poisoning	2	0.5	0.1	1.8	0				0			

Diagnostic Category	Crafts 212 Person-Years				Laborers 123 Person-Years				Operators 197 Person-Years				Total Perso ns with 1+ Event
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upper 95% CI***	Pers ons with 1+ Even t*	RR**	Lower 95% CI***	Uppe r 95% CI** *	Perso ns with 1+ Event *	RR**	Lower 95% CI***	Uppe r 95% CI** *	
All Diagnostic Categories	7	5.3	1.9	14.9	9	6.1	2.7	13.6	5	2.0	0.8	5.1	31
Injury & Poisoning	4	5.1	1.4	18.7	5	5.7	1.9	17.3	4	3.1	1.0	9.2	17

\* 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