

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											
Office Management & Administration	26	99	160	126	411	16	91	187	173	467	878
Engineering, Scientific, & Health Care	8	20	16	9	53	25	96	84	76	281	334
Technical Support	8	35	43	20	106	17	69	132	121	339	445
Heavy Computer Users	6	15	10	4	35	4	21	9	12	46	81
Service	2	2	10	10	24	6	5	4	9	24	48
Security	5	25	17	3	50	42	144	136	57	379	429
Craft & Repair	0	2	3	1	6	8	49	98	92	247	253
Fire Department	2	2	0	1	5	2	8	19	8	37	42
Nuclear Specialties	1	5	9	0	15	6	8	7	4	25	40
Production Technicians	3	9	19	13	44	8	45	86	69	208	252
Material Handlers	0	4	13	5	22	2	22	41	24	89	111
Total	61	218	300	192	771	136	558	803	645	2142	2913

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APPENDIX B. Most Common Job Titles in Each Job Category

OFFICE MANAGEMENT & ADMINISTRATION	SR ADMINISTRATIVE SECRETARY	INFO MGMT TECHNOLOGIST
ACCESS CONTROL TECHNICIAN	SR SECRETARY	PROGRAMMER/ANALYST
ACCOUNTANT	TECHNICAL WRITER	SECTIONAL INFO MGMT TECH
ACCOUNTING TECHNICIAN	TRAINING SPECIALIST	SECTIONAL PROGRAMMER/ANALYST
ADMINISTRATIVE ASSISTANT	WAREHOUSE SUPERVISOR	
ADMINISTRATIVE SPECIALIST		SERVICE
ADVISORY BOARD LIAISON	ENGINEERING, SCIENTIFIC, & HEALTH CARE	CASHIER
ASSISTANT FACILITY MANAGER	DEPARTMENTAL ENGINEER	FIRST COOK
ATTORNEY	DEPARTMENTAL SCIENTIST	FOOD SERVICES ATTENDANT
BUYER	DESIGNATED STAFF PSYCHOLOGIST	FRY COOK
CHIEF COUNSEL	ENGINEER	JANITORIAL CUSTODIAN
CONTRACT ADMINISTRATOR	FIREFIGHTER/PARAMEDIC	JANITORIAL OPERATOR
DEP GEN MGR & TECH DIRECTOR	HEAD NURSE	LAUNDRY & CHANGE HOUSE ATT
DEPARTMENT MANAGER	HEALTH PHYSICIST IND/HYGIENIST	LAUNDRY OPERATOR
DEPUTY DIVISION MANAGER	LABORATORY TECHNICIAN	SECOND COOK
DIRECTOR FACILITY MANAGERS	MEDICAL DIRECTOR	
DIVERSITY MANAGER	NURSE	SECURITY
DIVISION MANAGER	NURSE PRACTITIONER/PHYS ASST	1ST LIEUTENANT
DIVISION STAFF COORDINATOR	PHYSICIAN	2ND LIEUTENANT
DIVISION TRAINING COORDINATOR	PROGRAM ENGINEER/SCIENTIST	ARMORER
EMPLOYEE CONCERNS MANAGER	PSYCHOLOGIST	CHIEF OF PROTECTIVE FORCE
EXECUTIVE SECRETARY	SAFETY ENGINEER/SPECIALIST	COMMUNICATIONS SGT
EXPEDITER	SCIENTIST	COMMUNICATIONS SPECIALIST
EXPLOSIVES OPERATIONS LEADER	SECTIONAL ENGINEER	PHYSICAL FITNESS SPECIALIST
FACILITY MANAGER	SECTIONAL SCIENTIST	PROTECTIVE FORCE CAPTAIN
GENERAL EXPLOSIVE OPER LEADER	SR HEALTH/PHYSICIST IND/HYG	SEC POLICE OFFICER (DEF)
GENERAL MANAGER	STAFF ENGINEER/SCIENTIST	SECURITY OFFICER
HUMAN RESOURCES SPECIALIST		SECURITY POLICE OFFICER
INSPECTOR	TECHNICAL SUPPORT	SECURITY PROGRAM SPECIALIST
INTERNAL AUDITOR	CONSOLE OPERATOR	
LEGAL ASSISTANT	ELECTRONIC TECHNICIAN	CRAFT & REPAIR
MGR CONTRACT ADMINISTRATION	ENG TECH (GAS ANALYSIS)	APPR PLASTICS
OPERATIONS COORDINATOR	ENG TECH (LABORATORY)	CRAFTS SUPERVISOR
OPERATIONS MANAGER	ENG TECH (OPERATIONS)	HEAVY EQUIPMENT OPERATOR
PAYROLL SPECIALIST	ENG TECH (REUSE FACILITY)	LT EQUIP & YARD MAINT OPER
PLANNER/SCHEDULER	ENG TECH (WASTE OPERATIONS)	METAL TREATING & GRINDING OPER
PLANT SHIFT SUPERINTENDENT	LABORATORY TECHNICIAN	MM (AREA MECHANIC)
PRIME CONTRACT ADMINISTRATOR	MATERIAL REQUIREMENTS SPEC	MM (BOILERMAKER)
PROGRAM COORDINATOR	METROLOGY SPECIALIST	MM (CARPENTER)
PROGRAM DIRECTOR	METROLOGY TECHNICIAN	MM (ELECTRICIAN)
PROGRAM/PROJECT MANAGER	PHOTO LAB TECHNICIAN	MM (GARAGE)
PROJECT ASSOCIATE	PROJECT SPECIALIST	MM (INSTRUMENT)
PUBLIC AFFAIRS SPECIALIST	QUALITY ASSURANCE TECH	MM (MACHINE TOOL)
RECORDS ADMINISTRATOR	SENIOR TECHNICAL ADVISOR	MM (PAINTER)
RECORDS MGMT SPECIALIST	SR DRAFTING TECHNICIAN	MM (PIPEFITTER)
REPRODUCTION CLERK	TEAM LEADER	MM (PLASTICS)
SECRETARY	TECHNICAL SECURITY TECH	MM (REFRIGERATION)
SECRETARY TO THE GENERAL MGR	TELEPHONE TECHNICIAN	MM (SHEETMETAL)
SECTION MANAGER		OPER ENGR (UTILITIES OPERATOR)
SENIOR CLERK	HEAVY COMPUTER USERS	SPECIAL MECHANIC (ALL CRAFTS)
SR ADMINISTRATIVE CLERK	INFO MGMT SPECIALIST	SPECIAL MECHANIC INSPECTOR

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APPENDIX B. Most Common Job Titles in Each Job Category

TOOL MAKER
YARDWORKER

MOTOR PUMP OPERATOR

MATERIAL HANDLERS

MATERIAL HANDLER

FIRE DEPARTMENT

ALARM DISPATCHER
ASSISTANT FIRE CHIEF
FIRE CAPTAIN
FIRE CHIEF
FIRE LIEUTENANT

NUCLEAR SPECIALTIES

RADIATION PROTECTION TECH
RADIOLOGICAL HEALTH TECH

17 WORKERS IN THESE JOB TITLES WERE EXCLUDED

COOP PROGRAM PARTICIPANT
FELLOWSHIP PROGRAM PARTICIPANT
SUMMER INTERN PROGRAM PART

PRODUCTION TECHNICIANS

PRODUCTION TECHNICIAN

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Appendix C. Work Force Demographics**Part 1.** Percentage of Men in Different Age Groups from 1994 to 1999

Year	16-29	30-39	40-49	50+
1994	11	32	28	29
1995	10	32	31	27
1996	9	31	32	28
1997	8	28	34	30
1998	7	27	38	28
1999	6	26	38	30

Part 2. Percentage of Women in Different Age Groups from 1994 to 1999

Year	16-29	30-39	40-49	50+
1994	16	35	30	20
1995	16	34	32	18
1996	13	34	34	19
1997	11	33	35	21
1998	9	30	40	20
1999	8	28	39	25

Part 3. Percentage of Men in Different Job Categories from 1994 to 1999

	Office Management and Administration	Engineering, Scientific, and Health Care	Technical Support	Service
1994	35	13	22	18
1995	30	15	13	3
1996	30	14	13	3
1997	30	14	12	3
1998	25	13	15	3
1999	24	13	16	3

	Security	Craft and Repair	Production Technicians	Material Handlers
1994	*	12	*	*
1995	14	11	10	4
1996	14	11	11	4
1997	15	10	12	4
1998	16	12	11	4
1999	18	11	11	4

*These employees were included in various categories in 1994.

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Appendix C. Work Force Demographics**Part 4.** Percentage of Women in Different Job Categories from 1994 to 1999

	Office Management and Administration	Engineering, Scientific, and Health Care	Technical Support	Service
1994	64	8	16	11
1995	57	8	16	4
1996	57	7	17	3
1997	57	7	14	4
1998	57	6	15	4
1999	58	7	14	4

	Security	Craft and Repair	Production Technicians	Material Handlers
1994	*	<1	*	*
1995	6	1	6	3
1996	6	1	6	3
1997	6	1	8	3
1998	7	1	8	3
1999	6	1	7	3

*These employees were included in various categories in 1994.

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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		
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +			
Job Category												
Office Management & Administration	0	10	15	12	37	0	1	6	10	17	54	
Engineering, Scientific, & Health Care	0	0	1	1	2	0	1	2	6	9	11	
Technical Support	1	2	7	4	14	1	2	12	12	27	41	
Heavy Computer Users	0	0	0	0	0	0	1	1	0	2	2	
Service	0	0	3	0	3	0	1	0	1	2	5	
Security	0	3	3	1	7	2	12	3	5	22	29	
Craft & Repair	0	0	0	0	0	1	5	11	10	27	27	
Nuclear Specialties	0	1	0	0	1	0	1	0	0	1	2	
Production Technicians	0	0	4	2	6	1	1	4	11	17	23	
Material Handlers	0	0	2	0	2	0	2	3	4	9	11	
Total	1	16	35	20	72	5	27	42	59	133	205	

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

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

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Job Category											
Office Management & Administration	0	11	15	14	40	0	1	6	14	21	61
Engineering, Scientific, & Health Care	0	0	1	2	3	0	2	2	8	12	15
Technical Support	1	3	8	4	16	1	2	12	13	28	44
Heavy Computer Users	0	0	0	0	0	0	1	1	0	2	2
Service	0	0	3	0	3	0	1	0	1	2	5
Security	0	3	3	1	7	2	13	5	5	25	32
Craft & Repair	0	0	0	0	0	1	5	12	11	29	29
Nuclear Specialties	0	1	0	0	1	0	1	0	0	1	2
Production Technicians	0	0	4	2	6	1	1	4	11	17	23
Material Handlers	0	0	3	0	3	0	2	3	4	9	12
Total	1	18	37	23	79	5	29	45	67	146	225

*Only those job categories 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	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
# of Calendar Days											
< 15	1	12	26	15	54	5	22	25	52	104	158
15 - 28	0	2	7	6	15	0	5	15	10	30	45
29 - 42	0	2	3	1	6	0	1	3	4	8	14
43 - 56	0	1	1	1	3	0	1	0	0	1	4
57 - 91	0	1	0	0	1	0	0	1	1	2	3
92 - 182	0	0	0	0	0	0	0	1	0	1	1
Total	1	18	37	23	79	5	29	45	67	146	225

*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									Men											
	Job Category									Job Category											
	Off-ice Management & Administration	Engineering, Scientific, & Health Care	Tec-hni-cal Support	Service	Sec-ur-ity	Nuc-lear Spe-cial-ties	Pro-duc-tion Tec-hni-cians	Mat-eri-al Hand-lers	Tot-al	Off-ice Management & Administration	Eng-ine-er-ing, Sci-ent-ific, & Health Care	Tec-hni-cal Support	Hea-vy Com-puter Users	Service	Sec-ur-ity	Cra-ft & Repair	Nuc-lear Spe-cial-ties	Pro-duc-tion Tec-hni-cians	Mat-eri-al Hand-lers	Tot-al	
# of Calendar Days																					
< 15	29	2	13	2	5	0	2	1	54	10	10	20	1	2	19	18	1	16	7	104	
15 - 28	7	0	2	1	1	0	2	2	15	6	2	6	1	0	4	9	0	0	2	30	
29 - 42	3	1	0	0	0	0	2	0	6	5	0	1	0	0	1	1	0	0	0	8	
43 - 56	1	0	1	0	1	0	0	0	3	0	0	0	0	0	1	0	0	0	0	1	
57 - 91	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	2	
92 - 182	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
Total	40	3	16	3	7	1	6	3	79	21	12	28	2	2	25	29	1	17	9	146	

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

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	2	2	1	5	0	2	3	2	7	12
-Intestinal Infectious Dis	001-009	0	0	1	1	2	0	0	0	1	1	3
-Other Bacterial Dis	030-041	0	0	0	0	0	0	0	1	1	2	2
-Polio & Other Viral CNS Dis	045-049	0	0	0	0	0	0	0	1	0	1	1
-Viral Dis with Exanthem	050-057	0	1	0	0	1	0	0	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	0	0	1	0	1	0	2	1	0	3	4
-Mycoses	110-118	0	1	0	0	1	0	0	0	0	0	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	0	0	0	1	5	6	6
-Digestive & Peritoneal	150-159	0	0	0	0	0	0	0	0	2	2	2
-Respirato- ry & Intrathora- cic	160-165	0	0	0	0	0	0	0	0	2	2	2
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0	0	0	1	0	1	1

*Only those diagnostic categories with at least one occurrence 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	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Genitouri- nary	179-189	0	0	0	0	0	0	0	0	1	1	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	2	0	1	3	0	2	0	3	5	8
ENDOCRINE/- METABOLIC/- IMMUNITY	240-279	0	0	0	1	1	0	0	2	2	4	5
-Thyroid Gland Disorders	240-246	0	0	0	0	0	0	0	1	0	1	1
-Other Endocrine Gland Dis	250-259	0	0	0	0	0	0	0	1	1	2	2
-Other Metabolic & Immunity Disorders	270-279	0	0	0	1	1	0	0	0	1	1	2
BLOOD & BLOOD- FORMING ORGANS	280-289	0	0	0	1	1	0	0	0	0	0	1
MENTAL DISORDERS	290-319	0	0	0	0	0	0	4	0	3	7	7
-Psychoses	290-299	0	0	0	0	0	0	0	0	1	1	1
-Non- Psychotic Disorders	300-302, 306-316	0	0	0	0	0	0	4	0	1	5	5
-Alcohol Dependence	303	0	0	0	0	0	0	0	0	1	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	2	2	4	1	2	3	2	8	12

*Only those diagnostic categories with at least one occurrence 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	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Other Disorders of Central NS	340-349	0	0	1	0	1	0	0	0	0	0	1
-Disorders of Peripheral NS	350-359	0	0	1	2	3	0	1	2	0	3	6
-Disorders of Eye	360-379	0	0	0	0	0	1	1	1	1	4	4
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	0	1	1	1
CIRCULATORY SYSTEM	390-459	0	1	1	3	5	0	0	8	12	20	25
-Hypertens- ive Dis	401-405	0	0	0	0	0	0	0	2	5	7	7
-Ischemic Heart Dis	410-414	0	0	0	2	2	0	0	4	7	11	13
-Dis of Pulmonary Circulation	415-417	0	0	0	0	0	0	0	1	0	1	1
-Other Heart Dis	420-429	0	1	1	1	3	0	0	0	0	0	3
-Dis of Arteries & Capillaries	440-448	0	0	0	0	0	0	0	1	0	1	1
RESPIRATORY SYSTEM	460-519	1	2	12	8	23	3	2	12	10	27	50
-Acute Respiratory Infections	460-466	0	0	4	3	7	0	0	3	3	6	13

*Only those diagnostic categories 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	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Other Dis Upper Respiratory Tract	470-478	0	1	3	1	5	2	1	2	1	6	11
-Pneumonia & Influenza	480-487	1	0	2	2	5	0	0	2	1	3	8
-Chronic Obstructive Dis	490-496	0	1	3	2	6	1	1	5	3	10	16
-Other Respiratory Dis	510-519	0	0	0	0	0	0	0	0	2	2	2
DIGESTIVE SYSTEM	520-579	0	1	7	5	13	1	5	2	10	18	31
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	2	2	1	0	0	3	4	6
-Esophagus, Stomach, Duodenum	530-537	0	0	1	0	1	0	0	0	1	1	2
-Appendici- tis	540-543	0	0	1	1	2	0	0	0	1	1	3
-Hernia	550-553	0	0	1	0	1	0	3	2	4	9	10
-Enteritis, Colitis	555-558	0	0	1	0	1	0	1	0	0	1	2
-Other Intestinal Dis	560-569	0	0	2	0	2	0	0	0	1	1	3
-Other Digestive Dis	570-579	0	1	1	2	4	0	1	0	0	1	5

*Only those diagnostic categories 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	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
GENITOURIN- ARY SYSTEM	580-629	0	7	7	2	16	0	1	2	6	9	25
-Other Urinary Dis	590-599	0	1	1	0	2	0	1	1	3	5	7
-Male Genital Organ Dis	600-608	0	0	0	0	0	0	0	1	3	4	4
-Breast Disorders	610-611	0	0	1	1	2	0	0	0	0	0	2
-Other Female Disorders	617-629	0	6	5	1	12	0	0	0	0	0	12
SKIN & SUBCUTANEO- US TISSUE	680-709	0	0	0	1	1	0	1	0	0	1	2
-Infections	680-686	0	0	0	0	0	0	1	0	0	1	1
-Other	700-709	0	0	0	1	1	0	0	0	0	0	1
MUSCULOSKE- LETAL & CONNECTIVE TISSUE	710-739	0	5	11	6	22	0	9	12	19	40	62
-Arthropat- hies	710-719	0	1	2	2	5	0	4	2	6	12	17
-Dorsopath- ies	720-724	0	3	1	0	4	0	3	7	8	18	22
-Rheumatis- m, Excluding Back	725-729	0	1	7	4	12	0	2	2	3	7	19
-Other Dis & Acquired Deformities	730-739	0	0	1	0	1	0	0	1	2	3	4

*Only those diagnostic categories with at least one occurrence 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	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	780-799	0	3	5	0	8	1	2	5	8	16	24
-Symptoms	780-789	0	3	4	0	7	1	2	4	8	15	22
-Non- Specific Abnormal Findings	790-796	0	0	1	0	1	0	0	1	0	1	2
INJURY & POISONING	800-999	0	3	6	3	12	0	9	17	8	34	46
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	0	0	0	1	1	1
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0	1	1	1
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	3	0	3	3
-Dislocati- on	830-839	0	1	1	0	2	0	1	1	1	3	5
-Sprains & Strains - Back	846-847	0	0	3	0	3	0	1	2	0	3	6
-Sprains & Strains - Other	840-845, 848	0	2	1	1	4	0	3	9	2	14	18
-Intracran- ial Injury	850-854	0	0	0	0	0	0	1	0	0	1	1
-Open Wound Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	1	1	1
-Open Wound Lower Limb	890-897	0	0	0	0	0	0	1	0	0	1	1

*Only those diagnostic categories with at least one occurrence 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	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Contusion	920-924	0	0	0	1	1	0	2	0	0	2	3
-Burns	940-949	0	0	0	0	0	0	0	1	0	1	1
-Toxic Effects - Nonmedicin- al	980-989	0	0	0	0	0	0	0	1	0	1	1
-Unspecifi- ed Effects External Causes	990-995	0	0	1	0	1	0	0	0	0	0	1
-Complicat- ions of Surgical/M- edical Care	996-999	0	0	0	1	1	0	0	0	2	2	3
HEALTH STATUS/HEA- LTH SERVICE CONTACT	V01-V82	0	0	0	0	0	0	0	1	0	1	1
-Health Services Reproducti- on/Develop- ment	V20-V29	0	0	0	0	0	0	0	1	0	1	1
Total		1	26	53	34	114	6	39	68	90	203	317

*Only those diagnostic categories 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	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	14	16	9	39	0	57	47	27	131	170
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	0	0	0	18	50	68	68
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	43	0	11	54	0	29	0	36	65	119
ENDOCRINE / - METABOLIC / - IMMUNITY	240-279	0	0	0	11	11	0	0	27	28	55	66
BLOOD & BLOOD- FORMING ORGANS	280-289	0	0	0	11	11	0	0	0	0	0	11
MENTAL DISORDERS	290-319	0	0	0	0	0	0	23	0	14	37	37
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	24	68	92	8	20	49	17	94	186
CIRCULATORY SYSTEM	390-459	0	39	28	29	96	0	0	267	143	410	506
RESPIRATORY SYSTEM	460-519	10	25	93	88	216	16	18	80	91	205	421
DIGESTIVE SYSTEM	520-579	0	10	72	68	150	8	60	25	126	219	369
GENITOURIN- ARY SYSTEM	580-629	0	46	124	33	203	0	16	10	94	120	323
SKIN & SUBCUTANEO- US TISSUE	680-709	0	0	0	11	11	0	9	0	0	9	20

*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories 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					Age Group					
		16 - 29	30 - 39	40 - 49	50 +	Tot- al	16 - 29	30 - 39	40 - 49	50 +	Tot- al	
Diagnostic Category	ICD-9-CM Code											
MUSCULOSKE- LETAL & CONNECTIVE TISSUE	710-739	0	137	182	65	384	0	87	315	293	695	1079
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	780-799	0	17	34	0	51	7	29	45	85	166	217
INJURY & POISONING	800-999	0	65	71	42	178	0	73	310	74	457	635

*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories 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
		Office Management & Administration	Engineering, Scientific, & Health Care	Technical Support	Service	Security	Nuclear Specialties	Production Technicians	Material Handlers	
Diagnostic Category	ICD-9-CM Code									
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	3	0	2	0	0	0	0	0	5
-Intestinal Infectious Dis	001-009	1	0	1	0	0	0	0	0	2
-Viral Dis with Exanthem	050-057	1	0	0	0	0	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	1	0	0	0	0	0	0	0	1
-Mycoses	110-118	0	0	1	0	0	0	0	0	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	1	0	0	0	2	0	0	0	3
ENDOCRINE / METABOLIC / IMMUNITY	240-279	0	0	0	0	1	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	1	0	0	0	1
BLOOD & BLOOD FORMING ORGANS	280-289	1	0	0	0	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	4	0	0	0	0	0	0	0	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 J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

		Women								
		Job Category								Total
		Office Management & Administration	Engineering, Scientific, & Health Care	Technical Support	Service	Security	Nuclear Specialties	Production Technicians	Material Handlers	
Diagnostic Category	ICD-9-CM Code									
-Other Disorders of Central NS	340-349	1	0	0	0	0	0	0	0	1
-Disorders of Peripheral NS	350-359	3	0	0	0	0	0	0	0	3
CIRCULATORY SYSTEM	390-459	1	2	0	1	0	0	1	0	5
-Ischemic Heart Dis	410-414	0	2	0	0	0	0	0	0	2
-Other Heart Dis	420-429	1	0	0	1	0	0	1	0	3
RESPIRATORY SYSTEM	460-519	10	0	6	2	2	0	3	0	23
-Acute Respiratory Infections	460-466	3	0	2	0	1	0	1	0	7
-Other Dis Upper Respiratory Tract	470-478	2	0	1	0	1	0	1	0	5
-Pneumonia & Influenza	480-487	2	0	2	1	0	0	0	0	5
-Chronic Obstructive Dis	490-496	3	0	1	1	0	0	1	0	6
DIGESTIVE SYSTEM	520-579	5	0	4	2	1	0	0	1	13
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	2	0	0	0	0	0	2

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

(CONTINUED)

Pantex 1999

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

		Women								
		Job Category								Total
		Office Management & Administration	Engineering, Scientific, & Health Care	Technical Support	Service	Security	Nuclear Specialties	Production Technicians	Material Handlers	
Diagnostic Category	ICD-9-CM Code									
-Esophagus, Stomach, Duodenum	530-537	1	0	0	0	0	0	0	0	1
-Appendicitis	540-543	1	0	1	0	0	0	0	0	2
-Hernia	550-553	0	0	0	1	0	0	0	0	1
-Enteritis, Colitis	555-558	0	0	0	0	1	0	0	0	1
-Other Intestinal Dis	560-569	1	0	0	0	0	0	0	1	2
-Other Digestive Dis	570-579	2	0	1	1	0	0	0	0	4
GENITOURINARY SYSTEM	580-629	6	0	7	0	2	0	0	1	16
-Other Urinary Dis	590-599	1	0	1	0	0	0	0	0	2
-Breast Disorders	610-611	1	0	1	0	0	0	0	0	2
-Other Female Disorders	617-629	4	0	5	0	2	0	0	1	12
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	1	0	0	0	1
-Other	700-709	0	0	0	0	1	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	11	2	3	1	0	1	4	0	22

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

		Women								
		Job Category								Total
		Office Management & Administration	Engineering, Scientific, & Health Care	Technical Support	Service	Security	Nuclear Specialties	Production Technicians	Material Handlers	
Diagnostic Category	ICD-9-CM Code									
-Arthropathies	710-719	3	0	0	1	0	0	1	0	5
-Dorsopathies	720-724	2	0	1	0	0	0	1	0	4
-Rheumatism, Excluding Back	725-729	5	2	2	0	0	1	2	0	12
-Other Dis & Acquired Deformities	730-739	1	0	0	0	0	0	0	0	1
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	780-799	4	0	4	0	0	0	0	0	8
-Symptoms	780-789	4	0	3	0	0	0	0	0	7
-Non-Specific Abnormal Findings	790-796	0	0	1	0	0	0	0	0	1
INJURY & POISONING	800-999	5	0	0	0	3	0	3	1	12
-Dislocation	830-839	1	0	0	0	1	0	0	0	2
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	3	0	3
-Sprains & Strains - Other	840-845, 848	2	0	0	0	1	0	0	1	4
-Contusion	920-924	1	0	0	0	0	0	0	0	1

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

(CONTINUED)

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

		Women								
		Job Category								Total
		Office Management & Administration	Engineering, Scientific, & Health Care	Technical Support	Service	Security	Nuclear Specialties	Production Technicians	Material Handlers	
Diagnostic Category	ICD-9-CM Code									
-Unspecified Effects - External Causes	990-995	0	0	0	0	1	0	0	0	1
-Complications of Surgical/Medical Care	996-999	1	0	0	0	0	0	0	0	1
Total		51	4	26	6	12	1	11	3	114

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

(CONTINUED)

Pantex 1999

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

		Men										
		Job Category										Total
		Office Man- age- ment & Admi- nistrati- on	Engi- neer- ing, Scie- ntif- ic, & Heal- th Care	Tech- nical Supp- ort	Heavy Comp- uter Users	Serv- ice	Secu- rity	Craft & Repa- ir	Nucl- ear Spec- ialties	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code											
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	2	1	0	0	0	2	2	0	0	0	7
-Intestinal Infectious Dis	001-009	1	0	0	0	0	0	0	0	0	0	1
-Other Bacterial Dis	030-041	0	0	0	0	0	0	2	0	0	0	2
-Polio & Other Viral CNS Dis	045-049	1	0	0	0	0	0	0	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	0	1	0	0	0	2	0	0	0	0	3
MALIGNANT NEOPLASMS	140-208, 230- 234	0	2	2	0	0	0	2	0	0	0	6
-Digestive & Peritoneal	150-159	0	2	0	0	0	0	0	0	0	0	2
-Respiratory & Intrathoracic	160-165	0	0	2	0	0	0	0	0	0	0	2
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0	0	1	0	0	0	1
-Genitourina- ry	179-189	0	0	0	0	0	0	1	0	0	0	1

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

(CONTINUED)

Pantex 1999

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

		Men										
		Job Category										Total
		Office Man- age- ment & Admi- nistrati- on	Engi- neer- ing, Scie- ntif- ic, & Heal- th Care	Tech- nical Supp- ort	Heavy Comp- uter Users	Serv- ice	Secu- rity	Craft & Repa- ir	Nucl- ear Spec- ialties	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code											
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	0	0	1	0	0	1	1	1	0	1	5
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	1	0	1	0	0	0	2	0	0	0	4
-Thyroid Gland Disorders	240-246	0	0	0	0	0	0	1	0	0	0	1
-Other Endocrine Gland Dis	250-259	0	0	1	0	0	0	1	0	0	0	2
-Other Metabolic & Immunity Disorders	270-279	1	0	0	0	0	0	0	0	0	0	1
MENTAL DISORDERS	290-319	0	0	0	0	0	6	0	0	0	1	7
-Psychoses	290-299	0	0	0	0	0	1	0	0	0	0	1
-Non- Psychotic Disorders	300-302, 306- 316	0	0	0	0	0	4	0	0	0	1	5
-Alcohol Dependence	303	0	0	0	0	0	1	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	3	1	0	3	0	0	0	0	8

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

(CONTINUED)

Pantex 1999

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

		Men										
		Job Category										Total
		Offi- ce Man- age- ment & Admi- nistrati- on	Engi- neer- ing, Scie- ntif- ic, & Heal- th Care	Tech- nical Supp- ort	Heavy Comp- uter Users	Serv- ice	Secu- rity	Craft & Repa- ir	Nucl- ear Spec- ialties	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code											
-Disorders of Peripheral NS	350-359	0	0	1	1	0	1	0	0	0	0	3
-Disorders of Eye	360-379	0	1	1	0	0	2	0	0	0	0	4
-Dis of Ear & Mastoid	380-389	0	0	1	0	0	0	0	0	0	0	1
CIRCULATORY SYSTEM	390-459	4	0	4	0	0	0	6	0	4	2	20
-Hypertensive Dis	401-405	0	0	1	0	0	0	2	0	3	1	7
-Ischemic Heart Dis	410-414	4	0	1	0	0	0	4	0	1	1	11
-Dis of Pulmonary Circulation	415-417	0	0	1	0	0	0	0	0	0	0	1
-Dis of Arteries & Capillaries	440-448	0	0	1	0	0	0	0	0	0	0	1
RESPIRATORY SYSTEM	460-519	3	0	7	0	1	5	5	0	4	2	27
-Acute Respiratory Infections	460-466	0	0	2	0	0	1	3	0	0	0	6
-Other Dis Upper Respiratory Tract	470-478	0	0	2	0	0	2	1	0	1	0	6

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

(CONTINUED)

Pantex 1999

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

		Men										
		Job Category										Total
		Office Man- age- ment & Admi- nistrati- on	Engi- neer- ing, Scie- ntif- ic, & Heal- th Care	Tech- nical Supp- ort	Heavy Comp- uter Users	Serv- ice	Secu- rity	Craft & Repa- ir	Nucl- ear Spec- ialties	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code											
-Pneumonia & Influenza	480-487	1	0	0	0	0	0	1	0	0	1	3
-Chronic Obstructive Dis	490-496	1	0	3	0	0	2	0	0	3	1	10
-Other Respiratory Dis	510-519	1	0	0	0	1	0	0	0	0	0	2
DIGESTIVE SYSTEM	520-579	1	2	3	1	0	4	4	0	2	1	18
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	0	0	0	0	2	0	1	0	4
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0	0	1	0	0	0	1
-Appendicitis	540-543	0	0	0	0	0	1	0	0	0	0	1
-Hernia	550-553	0	2	3	0	0	2	1	0	1	0	9
-Enteritis, Colitis	555-558	0	0	0	0	0	1	0	0	0	0	1
-Other Intestinal Dis	560-569	0	0	0	0	0	0	0	0	0	1	1
-Other Digestive Dis	570-579	0	0	0	1	0	0	0	0	0	0	1
GENITOURINARY SYSTEM	580-629	2	2	3	0	0	0	1	0	1	0	9

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

(CONTINUED)

Pantex 1999

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

		Men										
		Job Category										Total
		Office Management & Administration	Engineering, Scientific, & Health Care	Technical Support	Heavy Computer Users	Service	Security	Craft & Repair	Nuclear Specialties	Production Technicians	Material Handlers	
Diagnostic Category	ICD-9-CM Code											
-Other Urinary Dis	590-599	2	2	1	0	0	0	0	0	0	0	5
-Male Genital Organ Dis	600-608	0	0	2	0	0	0	1	0	1	0	4
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	0	1	0	0	0	0	1
-Infections	680-686	0	0	0	0	0	1	0	0	0	0	1
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	10	5	8	0	0	6	6	0	3	2	40
-Arthropathies	710-719	1	2	3	0	0	4	1	0	1	0	12
-Dorsopathies	720-724	6	1	3	0	0	1	3	0	2	2	18
-Rheumatism, Excluding Back	725-729	2	2	1	0	0	1	1	0	0	0	7
-Other Dis & Acquired Deformities	730-739	1	0	1	0	0	0	1	0	0	0	3
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	4	0	2	0	0	3	3	0	4	0	16
-Symptoms	780-789	4	0	1	0	0	3	3	0	4	0	15

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

		Men										
		Job Category										Total
		Office Management & Administration	Engineering, Scientific, & Health Care	Technical Support	Heavy Computer Users	Service	Security	Craft & Repair	Nuclear Specialties	Production Technicians	Material Handlers	
Diagnostic Category	ICD-9-CM Code											
-Non-Specific Abnormal Findings	790-796	0	0	1	0	0	0	0	0	0	0	1
INJURY & POISONING	800-999	3	2	5	0	2	4	9	0	5	4	34
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	0	1	0	0	0	1
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0	0	1	1
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	2	0	1	0	3
-Dislocation	830-839	0	1	0	0	0	0	2	0	0	0	3
-Sprains & Strains - Back	846-847	0	1	0	0	0	0	0	0	2	0	3
-Sprains & Strains - Other	840-845, 848	2	0	4	0	0	2	4	0	1	1	14
-Intracranial Injury	850-854	0	0	0	0	0	0	0	0	0	1	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	1	0	1
-Open Wound - Lower Limb	890-897	0	0	0	0	1	0	0	0	0	0	1
-Contusion	920-924	0	0	0	0	1	0	0	0	0	1	2

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

(CONTINUED)

Pantex 1999

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

		Men										
		Job Category										Total
		Office Man- age- ment & Admi- nistrati- on	Engi- neer- ing, Scie- ntif- ic, & Heal- th Care	Tech- nical Supp- ort	Heavy Comp- uter Users	Serv- ice	Secu- rity	Craft & Repa- ir	Nucl- ear Spec- ialties	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code											
-Burns	940-949	0	0	0	0	0	1	0	0	0	0	1
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	0	1	0	0	0	0	1
-Complicatio- ns of Surgical/Med- ical Care	996-999	1	0	1	0	0	0	0	0	0	0	2
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	0	0	0	0	0	0	0	0	0	1
-Health Services Reproduction- /Development	V20-V29	1	0	0	0	0	0	0	0	0	0	1
Total		31	15	39	2	3	35	41	1	23	13	203

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

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

		Women								
		Job Category								Total
		Office Management & Administration	Engineering, Scientific, & Health Care	Technical Support	Service	Security	Nuclear Specialties	Production Technicians	Material Handlers	
Diagnostic Category	ICD-9-CM Code									
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	23	0	16	0	0	0	0	0	39
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	30	0	0	0	24	0	0	0	54
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	0	0	0	0	11	0	0	0	11
BLOOD & BLOOD FORMING ORGANS	280-289	11	0	0	0	0	0	0	0	11
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	92	0	0	0	0	0	0	0	92
CIRCULATORY SYSTEM	390-459	39	20	0	28	0	0	9	0	96
RESPIRATORY SYSTEM	460-519	71	0	27	35	29	0	54	0	216
DIGESTIVE SYSTEM	520-579	59	0	51	12	12	0	0	16	150
GENITOURINARY SYSTEM	580-629	82	0	82	0	13	0	0	26	203
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	11	0	0	0	11

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

		Women								
		Job Category								Total
		Office Management & Administration	Engineering, Scientific, & Health Care	Technical Support	Service	Security	Nuclear Specialties	Production Technicians	Material Handlers	
Diagnostic Category	ICD-9-CM Code									
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	150	42	26	28	0	88	50	0	384
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	20	0	31	0	0	0	0	0	51
INJURY & POISONING	800-999	60	0	0	0	73	0	38	7	178

*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)

Pantex 1999

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

		Men										
		Job Category										Total
		Office Man- age- ment & Admi- nistrati- on	Engi- neer- ing, Scie- ntif- ic, & Heal- th Care	Tech- nical Supp- ort	Heavy Comp- uter Users	Serv- ice	Secu- rity	Craft & Repa- ir	Nucl- ear Spec- ialties	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code											
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	21	20	0	0	0	57	33	0	0	0	131
MALIGNANT NEOPLASMS	140-208, 230- 234	0	18	25	0	0	0	25	0	0	0	68
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	0	0	7	0	0	22	8	7	0	21	65
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	15	0	15	0	0	0	25	0	0	0	55
MENTAL DISORDERS	290-319	0	0	0	0	0	30	0	0	0	7	37
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	7	38	21	0	28	0	0	0	0	94
CIRCULATORY SYSTEM	390-459	58	0	188	0	0	0	125	0	32	7	410
RESPIRATORY SYSTEM	460-519	28	0	45	0	7	35	58	0	25	7	205
DIGESTIVE SYSTEM	520-579	7	16	53	14	0	53	36	0	19	21	219
GENITOURINARY SYSTEM	580-629	34	22	32	0	0	0	21	0	11	0	120

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

		Men											
		Job Category										Total	
		Office Management & Administration	Engineering, Scientific, & Health Care	Technical Support	Heavy Computer Users	Service	Security	Craft & Repair	Nuclear Specialties	Production Technicians	Material Handlers		
Diagnostic Category	ICD-9-CM Code												
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	0	9	0	0	0	0	0	9
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	184	35	267	0	0	70	98	0	29	12	695	
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	64	0	20	0	0	36	19	0	27	0	166	
INJURY & POISONING	800-999	50	14	75	0	12	40	137	0	107	22	457	

*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 L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined**Part 1. Age-Adjusted Rates for Selected Diagnostic Categories by Gender from 1994 to 1999**

Rate per 1,000 Men

Men	All Diagnostic Categories			Cancer			Heart/Circulatory		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	42	50	59	<1	1	3	2	4	7
1995	109	123	139	<1	<1	3	8	11	16
1996	168	186	206	1	3	6	8	11	15
1997	120	135	152	2	3	6	8	11	16
1998	69	83	99	<1	1	4	7	11	18
1999	72	86	101	1	2	6	5	7	11

Year	Respiratory			Injury		
	Lower	Mid	Upper	Lower	Mid	Upper
1994	5	8	12	6	10	15
1995	24	31	41	15	20	25
1996	25	32	40	28	36	46
1997	15	20	27	17	23	31
1998	4	9	17	9	14	24
1999	9	15	25	8	12	16

Rate per 1,000 Women

Women	All Diagnostic Categories			Cancer			Heart/Circulatory		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	59	78	102	<1	1	6	<1	1	10
1995	142	169	200	1	3	8	4	8	18
1996	208	240	277	4	9	20	12	20	33
1997	128	153	182	3	6	11	<1	1	5
1998	99	126	158	1	4	10	3	8	22
1999	95	117	143	0	0	0	3	7	21

Year	Respiratory			Injury		
	Lower	Mid	Upper	Lower	Mid	Upper
1994	12	19	31	3	8	18
1995	19	27	39	9	17	32
1996	43	58	78	24	36	53
1997	26	38	56	16	24	37
1998	8	18	38	8	18	38
1999	16	27	45	6	11	20

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Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined**Part 2. Age-Adjusted Rates for All Diagnostic Categories Combined by Gender and Job Category from 1994 to 1999**

Rate per 1,000 Men

Year	Office Management and Administration			Engineering, Scientific, and Health Care			Technical Support			Service		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	26	37	52	2	7	21	35	49	69	60	88	129
1995	30	41	56	30	49	81	60	84	118	158	250	394
1996	57	78	107	56	78	108	106	142	190	142	221	343
1997	48	66	91	30	48	75	71	106	159	162	271	453
1998	30	43	62	26	48	90	39	71	126	39	96	235
1999	31	44	63	28	47	80	60	93	144	16	51	157

Year	Security			Craft and Repair			Production Technicians			Material Handlers		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	*	*	*	73	112	173	*	*	*	*	*	*
1995	162	228	321	115	152	200	200	262	344	194	272	382
1996	163	227	317	264	360	493	290	365	459	240	326	442
1997	87	122	171	138	212	325	214	268	335	228	310	422
1998	49	83	138	64	91	130	112	168	252	114	177	275
1999	69	111	180	93	155	258	65	114	200	66	116	206

*These employees were included in various categories in 1994.

Rate per 1,000 Women

Year	Office Management and Administration			Engineering, Scientific, and Health Care			Technical Support			Service		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	49	71	102	0	0	0	79	129	212	28	60	129
1995	89	116	151	0	0	0	77	116	176	264	410	636
1996	201	244	296	9	30	104	85	129	195	298	555	1031
1997	83	105	134	32	72	164	46	79	137	235	522	1158
1998	79	111	156	4	28	201	79	135	231	37	180	882
1999	62	82	108	27	73	198	144	234	381	61	136	303

Year	Security			Craft and Repair			Production Technicians			Material Handlers		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	*	*	*	0	0	0	*	*	*	*	*	*
1995	237	489	1010	0	0	0	185	287	445	331	849	2178
1996	142	235	389	124	451	1645	268	387	560	130	236	428
1997	214	320	479	0	0	0	168	255	386	34	90	240
1998	131	228	397	0	0	0	65	136	285	72	167	388
1999	165	394	941	0	0	0	87	179	369	17	52	162

*These employees were included in various categories in 1994.

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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	7	2.6	1.2	5.5
Malignant Neoplasms	140-208, 230-234	6	2.4	1.1	5.5
-Digestive Organs	150-159	2	0.8	0.2	3.2
-Respiratory System	160-165	2	0.8	0.2	3.2
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	1	0.6	0.1	3.9
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	5	2.4	1.0	5.9
Endocrine & Metabolic Diseases	240-279	4	1.5	0.5	4.2
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	7	3.2	1.5	6.8
-Alcoholism	303	1	0.6	0.1	3.9
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	8	4.6	1.8	12.2
Circulatory System	390-459	20	7.2	4.6	11.3
-Hypertension	401	6	2.2	1.0	4.9
-Acute Myocardial Infarction	410	1	0.4	0.1	2.8
-Ischemic Disease, not M.I.	411-414, 429.2	10	3.7	1.9	6.9
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	27	14.6	8.6	25.0
-Upper Respiratory	460-465, 470-478	12	7.7	3.4	17.1
-Pneumonia/Bronchitis	466, 480-487	3	1.0	0.3	3.0
-Chronic Respiratory Conditions	490-496	10	5.2	2.2	12.5
Digestive System	520-579	18	8.7	4.8	15.7
-Hernias	550-553	9	3.3	1.7	6.4
-Gallbladder Disease	574-575	1	0.4	0.1	2.7
Genitourinary System	580-629	9	3.5	1.8	6.8
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	1	0.4	0.1	2.7
Musculoskeletal System	710-739	40	15.3	11.1	21.0
-Dorsopathies	720-724	18	6.5	4.0	10.3
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	16	7.4	3.8	14.4
Injury & Poisoning	800-999	34	11.6	8.2	16.3
-Fractures, All Sites	800-829	5	1.6	0.7	4.0
-Dislocations	830-839	3	1.1	0.3	3.3
-Sprains & Strains	840-848	17	5.6	3.4	9.1
-Intracranial Injuries	850-854	1	0.4	0.1	2.7
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	2	0.8	0.2	3.1
-Other Injuries	900-999	6	2.1	0.9	4.8
Health Status/Health Serv Contact	V01-V82	1	0.3	0.0	2.0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	1	0.3	0.0	2.0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		203	85.7	72.4	101.4

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

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

(CONTINUED)

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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	5	4.6	1.9	11.3
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	3.1	1.0	9.8
Endocrine & Metabolic Diseases	240-279	1	1.2	0.2	8.4
Blood & Blood-Forming Organs	280-289	1	1.2	0.2	8.4
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	3.9	1.4	10.6
Circulatory System	390-459	5	7.4	2.6	20.6
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	2	2.4	0.6	9.5
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	23	27.2	16.3	45.4
-Upper Respiratory	460-465, 470-478	9	9.9	4.5	22.1
-Pneumonia/Bronchitis	466, 480-487	8	11.6	4.7	28.6
-Chronic Respiratory Conditions	490-496	6	5.6	2.5	12.7
Digestive System	520-579	13	12.2	7.0	21.3
-Hernias	550-553	1	0.8	0.1	5.4
-Gallbladder Disease	574-575	4	4.1	1.5	11.1
Genitourinary System	580-629	16	14.5	8.8	23.8
-Endometriosis	617	1	1.0	0.1	6.9
-Ovarian Cysts	620.0-620.2	1	1.0	0.1	6.9
-Female Genital Pain/Bleeding	625-626	5	4.4	1.8	10.7
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	1	1.2	0.2	8.4
Musculoskeletal System	710-739	22	22.4	14.0	35.8
-Dorsopathies	720-724	4	3.7	1.4	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	8	6.7	3.3	13.5
Injury & Poisoning	800-999	12	11.0	6.2	19.6
-Fractures, All Sites	800-829	0	0	0	0
-Dislocations	830-839	2	1.7	0.4	7.0
-Sprains & Strains	840-848	7	6.2	2.9	13.1
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	0	0	0	0
-Other Injuries	900-999	3	3.1	1.0	9.9
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		114	116.6	94.8	143.4

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

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

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

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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	12	3.2	1.8	5.7
Malignant Neoplasms	140-208, 230-234	6	1.9	0.8	4.3
-Digestive Organs	150-159	2	0.6	0.1	2.4
-Respiratory System	160-165	2	0.6	0.1	2.4
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	1	0.5	0.1	3.3
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	8	2.8	1.4	5.8
Endocrine & Metabolic Diseases	240-279	5	1.5	0.6	3.7
Blood & Blood-Forming Organs	280-289	1	0.3	0.0	2.1
Mental Disorders	290-319	7	2.5	1.2	5.4
-Alcoholism	303	1	0.5	0.1	3.3
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	12	4.4	2.0	9.4
Circulatory System	390-459	25	6.9	4.6	10.4
-Hypertension	401	6	1.6	0.7	3.6
-Acute Myocardial Infarction	410	1	0.3	0.0	2.1
-Ischemic Disease, not M.I.	411-414, 429.2	12	3.4	1.9	6.1
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	50	17.6	12.1	25.7
-Upper Respiratory	460-465, 470-478	21	7.8	4.3	14.1
-Pneumonia/Bronchitis	466, 480-487	11	3.9	1.7	8.9
-Chronic Respiratory Conditions	490-496	16	5.3	2.8	10.2
Digestive System	520-579	31	9.6	6.2	14.7
-Hernias	550-553	10	2.6	1.4	4.9
-Gallbladder Disease	574-575	5	1.3	0.6	3.3
Genitourinary System	580-629	25	6.6	4.4	9.9
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	1	0.3	0.0	1.9
-Ovarian Cysts	620.0-620.2	1	0.3	0.0	1.9
-Female Genital Pain/Bleeding	625-626	5	1.2	0.5	3.0
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	2	0.6	0.1	2.3
Musculoskeletal System	710-739	62	17.2	13.3	22.3
-Dorsopathies	720-724	22	5.8	3.8	9.0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	24	7.2	4.3	12.1
Injury & Poisoning	800-999	46	11.5	8.5	15.4
-Fractures, All Sites	800-829	5	1.2	0.5	3.0
-Dislocations	830-839	5	1.3	0.5	3.1
-Sprains & Strains	840-848	24	5.8	3.8	8.8
-Intracranial Injuries	850-854	1	0.3	0.0	1.9
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	2	0.6	0.1	2.3
-Other Injuries	900-999	9	2.4	1.2	4.6
Health Status/Health Serv Contact	V01-V82	1	0.2	0.0	1.5
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	1	0.2	0.0	1.5
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		317	94.0	82.6	107.0

*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 N. Relative Risk Estimates for Selected Diagnostic Categories Among 5-Day Absences

Diagnostic Category	Office Management and Administration 878 Person-Years				Engineering, Scientific, and Health Care 334 Person-Years				Technical Support 445 Person-Years			
	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	54	0.6	0.5	0.9	11	0.5	0.3	0.9	41	1.4	1.0	1.9
Infectious & Parasitic Diseases	5	1.4	0.4	4.9	1	0.8	0.1	6.1	2	1.1	0.2	5.1
Nervous System & Sense Organs	4	1.0	0.2	5.7	1	0.8	0.1	5.9	3	2.0	0.5	8.0
Circulatory System	5	0.7	0.3	1.9	1	0.5	0.1	3.3	4	1.2	0.4	3.7
Respiratory System	10	0.6	0.3	1.2	0				7	1.3	0.6	2.8
Digestive System	6	0.4	0.1	1.1	2	0.6	0.2	2.6	6	1.5	0.6	3.5
Genitourinary System	8	0.9	0.3	2.2	1	0.6	0.1	4.3	7	3.0	1.2	7.5
Musculoskeletal & Connective Tissue	15	0.8	0.4	1.6	4	0.8	0.3	2.2	11	1.6	0.8	3.0
Symptoms, Signs, & Ill-Defined Cond.	5	1.0	0.3	3.0	0				4	1.6	0.5	4.9
Injury & Poisoning	8	0.5	0.2	1.1	2	0.4	0.1	1.8	5	0.8	0.3	2.0
Sprains & Strains-Other	4	0.7	0.2	2.2	0				4	1.6	0.5	4.9

* 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 N. Relative Risk Estimates for Selected Diagnostic Categories Among 5-Day Absences

Diagnostic Category	Heavy Computer Users 81 Person-Years				Service 48 Person-Years				Security 429 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	2	0.4	0.1	1.4	5	1.3	0.5	3.2	29	1.2	0.8	1.8
Infectious & Parasitic Diseases	0				0				2	1.4	0.2	8.5
Nervous System & Sense Organs	1	3.6	0.5	26.4	0				3	2.6	0.5	14.0
Circulatory System	0				1	3.5	0.4	28.3	0			
Respiratory System	0				3	3.6	1.1	11.7	6	1.6	0.6	4.0
Digestive System	1	1.3	0.2	9.7	1	1.6	0.2	11.6	5	1.6	0.6	4.4
Genitourinary System	0				0				1	0.5	0.1	4.1
Musculoskeletal & Connective Tissue	0				1	1.2	0.2	8.6	4	0.7	0.2	1.9
Symptoms, Signs, & Ill- Defined Cond.	0				0				3	1.5	0.3	7.0
Injury & Poisoning	0				1	1.7	0.2	11.9	6	1.1	0.5	2.5
Sprains & Strains-Other	0				0				3	1.1	0.3	3.9

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

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

*** CI = Confidence Limit

(CONTINUED)

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

Diagnostic Category	Craft and Repair 253 Person-Years				Fire Department 42 Person-Years				Nuclear Specialties 40 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	27	1.8	1.2	2.7	0				2	0.7	0.2	2.9
Infectious & Parasitic Diseases	2	2.9	0.5	15.3	0				0			
Nervous System & Sense Organs	0				0				0			
Circulatory System	4	2.1	0.7	6.7	0				0			
Respiratory System	5	2.1	0.8	5.9	0				0			
Digestive System	4	2.0	0.7	5.8	0				0			
Genitourinary System	1	1.0	0.1	8.1	0				0			
Musculoskeletal & Connective Tissue	6	1.6	0.7	3.9	0				1	1.6	0.2	11.5
Symptoms, Signs, & Ill- Defined Cond.	2	1.3	0.3	5.9	0				0			
Injury & Poisoning	8	2.6	1.2	5.6	0				0			
Sprains & Strains-Other	4	2.8	0.9	8.7	0				0			

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

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

*** CI = Confidence Limit

(CONTINUED)

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

Diagnostic Category	Production Technicians 252 Person-Years				Material Handlers 111 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	23	1.4	0.9	2.1	11	1.4	0.8	2.6	205
Infectious & Parasitic Diseases	0				0				12
Nervous System & Sense Organs	0				0				12
Circulatory System	4	2.3	0.8	6.9	1	1.3	0.2	9.3	20
Respiratory System	6	2.1	0.9	4.9	1	0.7	0.1	5.3	38
Digestive System	2	0.8	0.2	3.5	2	1.9	0.5	8.2	29
Genitourinary System	1	0.7	0.1	5.2	1	1.4	0.2	11.0	20
Musculoskeletal & Connective Tissue	6	1.5	0.6	3.5	1	0.5	0.1	3.8	49
Symptoms, Signs, & Ill- Defined Cond.	3	2.2	0.6	8.0	0				17
Injury & Poisoning	7	2.1	0.9	4.8	4	2.5	0.9	7.1	41
Sprains & Strains-Other	1	0.6	0.1	4.5	2	2.9	0.7	12.7	18

* 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 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 *nonproduction*. These are designated in 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	Maltworker's lung	
495.5	Mushroom worker's lung	
495.8	Grain handler's lung, Sequoiosis	
495.9	Unspecified allergic alveolitis	
500	Coalworker's pneumoconiosis	
501	Asbestosis	Production
502	Silicosis, Talcosis	Production
503	Chronic beryllium disease of the lung	
504	Byssinosis	
506.0	Acute bronchitis, pneumonitis, and pulmonary edema due to fumes and vapors	Nonproduction

(CONTINUED)

Appendix 0. Sentinel Health Events for Occupations (SHEO)

Diagnoses - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
011	Pulmonary tuberculosis	
011,502	Silicotuberculosis	Production
020	Plague	
021	Tularemia	
022	Anthrax	
023	Brucellosis	
031.1	Fish-fancier's finger	
054.6	Herpetic whitlow	
037	Tetanus	Nonproduction
042	Human immuno-deficiency virus	
056	Rubella	
070.0, 070.1	Hepatitis A	
070.2, 070.3	Hepatitis B	
070.4	Non-A, non-B hepatitis	
071	Rabies	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)

Appendix 0. 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	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 P. Number of Workers with at Least One OSHA Event by Gender, Age, and Job Category*

	Women				Men					Total
	Age Group			Total	Age Group				Total	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Job Category										
Office Management & Administration	1	3	6	10	1	0	2	0	3	13
Engineering, Scientific, & Health Care	0	0	0	0	0	2	0	1	3	3
Technical Support	0	0	0	0	0	1	4	4	9	9
Service	0	0	0	0	0	1	0	0	1	1
Security	1	1	0	2	2	2	11	2	17	19
Craft & Repair	0	0	0	0	1	2	2	6	11	11
Fire Department	0	0	0	0	0	0	1	0	1	1
Production Technicians	1	1	0	2	0	1	1	2	4	6
Material Handlers	0	0	0	0	0	2	1	1	4	4
Total	3	5	6	14	4	11	22	16	53	67

*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 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									
16 - 29	0	0	0	4	52	33	4	52	33
30 - 39	3	26	2	11	73	15	14	99	17
40 - 49	6	201	170	22	322	96	28	523	266
50 +	7	87	207	18	528	189	25	615	396
Total	16	314	379	55	975	333	71	1289	712

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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									
Office Management & Administration	12	287	316	3	8	1	15	295	317
Engineering, Scientific, & Health Care	0	0	0	3	0	0	3	0	0
Technical Support	0	0	0	9	143	10	9	143	10
Service	0	0	0	1	40	10	1	40	10
Security	2	26	2	18	157	160	20	183	162
Craft & Repair	0	0	0	11	343	85	11	343	85
Fire Department	0	0	0	1	0	0	1	0	0
Production Technicians	2	1	61	4	213	26	6	214	87
Material Handlers	0	0	0	5	71	41	5	71	41
Total	16	314	379	55	975	333	71	1289	712

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

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OSHA DATA

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

		Women				Men					Total
		Age Group			Total	Age Group				Total	
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	4	4	0	0	1	0	1	5
-Disorders of Peripheral NS	350-359	0	0	4	4	0	0	1	0	1	5
RESPIRATORY SYSTEM	460-519	0	0	0	0	0	0	0	1	1	1
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	1	1	1
DIGESTIVE SYSTEM	520-579	0	0	0	0	0	0	0	1	1	1
-Hernia	550-553	0	0	0	0	0	0	0	1	1	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	0	0	0	1	1	1
-Infections	680-686	0	0	0	0	0	0	0	1	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	4	0	4	1	2	2	3	8	12
-Arthropathies	710-719	0	0	0	0	0	0	2	0	2	2
-Dorsopathies	720-724	0	0	0	0	0	0	0	3	3	3
-Rheumatism, Excluding Back	725-729	0	4	0	4	1	2	0	0	3	7
INJURY & POISONING	800-999	4	3	3	10	3	9	21	16	49	59
-Fracture - Skull	800-804	0	0	0	0	0	0	1	0	1	1

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

		Women				Men					Total
		Age Group			Total	Age Group				Total	
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	1	0	1	1
-Fracture - Lower Limb	820-829	0	0	1	1	0	0	1	1	2	3
-Dislocation	830-839	0	0	0	0	1	0	1	0	2	2
-Sprains & Strains - Back	846-847	2	0	0	2	0	3	3	2	8	10
-Sprains & Strains - Other	840-845, 848	1	1	0	2	0	2	5	3	10	12
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	2	0	0	2	4	4
-Open Wound - Upper Limb	880-887	0	0	1	1	0	2	4	2	8	9
-Superficial Injury	910-919	0	1	0	1	0	0	0	1	1	2
-Contusion	920-924	0	1	1	2	0	1	4	5	10	12
-Burns	940-949	0	0	0	0	0	0	1	0	1	1
-Complicatio- ns & Unspecified Injuries	958-959	1	0	0	1	0	1	0	0	1	2
Total		4	7	7	18	4	11	24	22	61	79

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

		Women					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Peripheral NS	350-359	0	0	0	0	87	69
-Rheumatism, Excluding Back	725-729	0	0	201	107	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	1
-Sprains & Strains - Back	846-847	25	2	0	0	0	0
-Sprains & Strains - Other	840-845, 848	25	0	0	61	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	5
-Superficial Injury	910-919	0	0	0	2	0	0
-Contusion	920-924	0	0	0	2	0	132
-Complicatio- ns & Unspecified Injuries	958-959	1	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 T. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Age*

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	0
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	1	0
-Hernia	550-553	0	0	0	0	0	0	6	20
-Infections	680-686	0	0	0	0	0	0	104	10
-Arthropathi- es	710-719	0	0	0	0	7	0	0	0
-Dorsopathies	720-724	0	0	0	0	0	0	17	43
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0
-Fracture - Skull	800-804	0	0	0	0	11	13	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	4	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	12	22	1	3
-Dislocation	830-839	52	33	0	0	8	1	0	0
-Sprains & Strains - Back	846-847	0	0	57	14	197	39	40	28
-Sprains & Strains - Other	840-845, 848	0	0	0	1	65	21	230	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 T. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Age*

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	7	0	13	0	7	0
-Superficial Injury	910-919	0	0	0	0	0	0	104	10
-Contusion	920-924	0	0	3	0	5	0	136	85
-Burns	940-949	0	0	0	0	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	0	0	6	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.

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OSHA DATA

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

		Men		Total
		Age Group	Total	
		50 +		
Type of Accident	E Codes			
Accidental Poisoning - Nonmedicinal	E860-E869	1	1	1

*Only those accident types and gender/age 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 Accident Category by Gender and Age*

		Men	
		Age Group	
		50 +	
		Days Res- tri- cted	Days Lost
Type of Accident	E Codes		
Accidental Poisoning - Nonmedicinal	E860-E869	1	0

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

		Women				Total
		Job Category				
		Office Management & Administration	Security	Production Technicians		
Diagnostic Category	ICD-9-CM Code					
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	4	0	0	4	
-Disorders of Peripheral NS	350-359	4	0	0	4	
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	3	1	0	4	
-Rheumatism, Excluding Back	725-729	3	1	0	4	
INJURY & POISONING	800-999	7	1	2	10	
-Fracture - Lower Limb	820-829	1	0	0	1	
-Sprains & Strains - Back	846-847	1	1	0	2	
-Sprains & Strains - Other	840-845, 848	1	0	1	2	
-Open Wound - Upper Limb	880-887	1	0	0	1	
-Superficial Injury	910-919	1	0	0	1	

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

(CONTINUED)

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OSHA DATA

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

		Women				Total
		Job Category				
		Offi- ce Mana- geme- nt & Admi- nist- rati- on	Secu- rity	Prod- ucti- on Tech- nici- ans		
Diagnostic Category	ICD-9-CM Code					
-Contusion	920-924	2	0	0	2	
-Complicatio- ns & Unspecified Injuries	958-959	0	0	1	1	
Total		14	2	2	18	

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

		Men									
		Job Category									Total
		Offi- ce Mana- geme- nt & Admi- nistrati- on	Engi- neer- ing, Scie- ntif- ic, & Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Craft & Repa- ir	Fire Depar- tment	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code										
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0	0	0	0	0	0	0	0	1
-Disorders of Peripheral NS	350-359	1	0	0	0	0	0	0	0	0	1
RESPIRATORY SYSTEM	460-519	0	0	0	0	0	1	0	0	0	1
-Lung Dis from External Agents	500-508	0	0	0	0	0	1	0	0	0	1
DIGESTIVE SYSTEM	520-579	0	0	0	0	1	0	0	0	0	1
-Hernia	550-553	0	0	0	0	1	0	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	1	0	0	0	0	0	0	1
-Infections	680-686	0	0	1	0	0	0	0	0	0	1
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	1	2	1	0	2	1	0	1	0	8
-Arthropathi- es	710-719	0	0	1	0	1	0	0	0	0	2
-Dorsopathies	720-724	0	0	0	0	1	1	0	1	0	3

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

		Men									
		Job Category									Total
		Offi- ce Mana- geme- nt & Admi- nistrati- on	Engi- neer- ing, Scie- ntif- ic, & Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Craft & Repa- ir	Fire Depar- tment	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code										
-Rheumatism, Excluding Back	725-729	1	2	0	0	0	0	0	0	0	3
INJURY & POISONING	800-999	1	2	9	1	16	10	1	4	5	49
-Fracture - Skull	800-804	0	0	0	0	1	0	0	0	0	1
-Fracture - Upper Limb	810-819	0	0	0	0	1	0	0	0	0	1
-Fracture - Lower Limb	820-829	0	0	0	0	2	0	0	0	0	2
-Dislocation	830-839	1	0	0	0	1	0	0	0	0	2
-Sprains & Strains - Back	846-847	0	0	0	1	1	1	0	2	3	8
-Sprains & Strains - Other	840-845, 848	0	0	2	0	5	2	1	0	0	10
-Open Wound - Head, Neck, Trunk	870-879	0	2	0	0	1	1	0	0	0	4
-Open Wound - Upper Limb	880-887	0	0	4	0	0	2	0	1	1	8
-Superficial Injury	910-919	0	0	1	0	0	0	0	0	0	1

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

(CONTINUED)

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OSHA DATA

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

		Men									
		Job Category									Total
		Office Management & Administration	Engineering, Scientific, & Health Care	Technical Support	Service	Security	Craft & Repair	Fire Department	Production Technicians	Material Handlers	
Diagnostic Category	ICD-9-CM Code										
-Contusion	920-924	0	0	2	0	2	4	0	1	1	10
-Burns	940-949	0	0	0	0	1	0	0	0	0	1
-Complications & Unspecified Injuries	958-959	0	0	0	0	1	0	0	0	0	1
Total		3	4	11	1	19	12	1	5	5	61

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

		Women					
		Job Category					
		Office Management & Administration		Security		Production Technicians	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Peripheral NS	350-359	87	69	0	0	0	0
-Rheumatism, Excluding Back	725-729	175	107	26	0	0	0
-Fracture - Lower Limb	820-829	0	1	0	0	0	0
-Sprains & Strains - Back	846-847	25	0	0	2	0	0
-Sprains & Strains - Other	840-845, 848	25	0	0	0	0	61
-Open Wound - Upper Limb	880-887	0	5	0	0	0	0
-Superficial Injury	910-919	0	2	0	0	0	0
-Contusion	920-924	0	134	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	1	0

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

(CONTINUED)

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OSHA DATA

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

		Men																	
		Job Category																	
		Office Management & Administration		Engineering, Scientific, & Health Care		Technical Support		Service		Security		Craft & Repair		Fire Department		Production Technicians		Material Handlers	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes																		
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
-Hernia	550-553	0	0	0	0	0	0	0	0	6	20	0	0	0	0	0	0	0	
-Infections	680-686	0	0	0	0	104	10	0	0	0	0	0	0	0	0	0	0	0	
-Arthropathies	710-719	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	
-Dorsopathies	720-724	0	0	0	0	0	0	0	0	0	43	3	0	0	0	14	0	0	
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Fracture - Skull	800-804	0	0	0	0	0	0	0	0	11	13	0	0	0	0	0	0	0	
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0	13	25	0	0	0	0	0	0	0	
-Dislocation	830-839	8	1	0	0	0	0	0	0	52	33	0	0	0	0	0	0	0	

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

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

		Men																	
		Job Category																	
		Office Management & Administration		Engineering, Scientific, & Health Care		Technical Support		Service		Security		Craft & Repair		Fire Department		Production Technicians		Material Handlers	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes																		
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	40	10	0	4	1	0	0	0	192	26	61	41
-Sprains & Strains - Other	840-845, 848	0	0	0	0	30	0	0	0	65	22	200	0	0	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	2	0	0	0	0	0	11	0	0	0	7	0	7	0
-Superficial Injury	910-919	0	0	0	0	104	10	0	0	0	0	0	0	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0	0	0	127	85	0	0	14	0	3	0
-Burns	940-949	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0

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

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OSHA DATA

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

		Men	
		Job Category	Total
		Craft & Repair	
Type of Accident	E CODES		
Accidental Poisoning - Nonmedicinal	E860-E869	1	1

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

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

		Men	
		Job Category	
		Craft & Repair	
		Days Res- tri- cted	Days Lost
Type of Accident	E Codes		
Accidental Poisoning - Nonmedicinal	E860-E869	1	0

*OSHA events with >1 E code in the same accident type were counted only once. Only those accident types and gender/job category combinations with at least one occurrence appear in this table.

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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 Among Women by Job Category from 1994 to 1999

Rate per 1,000 Women

Women	Office Management and Administration			Engineering, Scientific, and Health Care			Technical Support			Service		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	18	31	55	1	10	69	33	66	134	75	130	225
1995	14	24	41	7	28	116	46	82	147	135	254	475
1996	15	27	48	0	0	0	6	16	43	190	310	506
1997	11	19	32	0	0	0	19	48	119	86	266	829
1998	4	10	22	0	0	0	1	5	34	10	41	164
1999	14	26	47	0	0	0	0	0	0	0	0	0

Year	Security			Craft and Repair			Production Technicians			Material Handlers		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	*	*	*	0	0	0	*	*	*	*	*	*
1995	32	86	232	11	76	537	120	221	408	16	66	265
1996	30	70	165	131	465	1652	59	120	244	3	24	167
1997	114	207	374	57	227	908	17	45	123	52	128	315
1998	39	100	258	0	0	0	33	93	263	0	0	0
1999	5	22	90	0	0	0	6	23	99	0	0	0

*These employees were included in various categories in 1994.

Part 2. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Among Men by Job Category from 1994 to 1999

Rate per 1,000 Men

Men	Office Management and Administration			Engineering, Scientific, and Health Care			Technical Support			Service		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	6	13	28	3	8	27	32	48	74	72	102	145
1995	5	12	30	1	4	29	10	23	53	53	104	204
1996	2	5	12	1	4	16	13	28	59	71	133	248
1997	4	8	16	5	12	29	16	35	74	46	99	214
1998	3	7	18	1	8	55	7	16	33	2	11	79
1999	3	16	89	5	14	40	13	23	43	6	26	109

Year	Security			Craft and Repair			Production Technicians			Material Handlers		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	*	*	*	50	73	106	*	*	*	*	*	*
1995	51	72	103	62	88	124	36	60	100	198	349	614
1996	71	118	195	53	121	277	65	100	153	41	79	153
1997	27	43	67	26	45	77	35	67	129	50	88	158
1998	43	70	113	20	35	61	17	32	61	29	58	118
1999	31	56	102	25	70	196	8	19	45	20	50	123

*These employees were included in various categories in 1994.

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OSHA DATA

Appendix AA. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined and Injury by Gender

Part 3. Age-Adjusted Rates for Injury by Gender from 1994 to 1999

Rate per 1,000

Year	Injury Men			Injury Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1994	31	39	49	27	39	56
1995	34	42	51	32	45	64
1996	28	36	46	24	34	48
1997	25	33	43	34	49	72
1998	17	23	31	14	26	48
1999	16	23	34	6	12	24

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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	0.3	0.0	2.0
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	1	0.4	0.1	2.8
-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	1	0.6	0.1	3.9
Musculoskeletal System	710-739	8	4.7	1.8	12.3
-Dorsopathies	720-724	3	1.3	0.4	4.2
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	0	0	0	0
Injury & Poisoning	800-999	49	23.3	16.1	33.8
-Fractures, All Sites	800-829	4	1.2	0.5	3.4
-Dislocations	830-839	2	2.3	0.4	13.4
-Sprains & Strains	840-848	18	6.5	4.0	10.4
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	12	7.9	3.6	17.4
-Other Injuries	900-999	13	5.3	3.0	9.4
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		61	29.7	21.2	41.5

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

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

(CONTINUED)

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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	4	4.8	1.8	12.7
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	4	3.0	1.1	8.1
-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	10	11.8	5.7	24.3
-Fractures, All Sites	800-829	1	3.2	0.5	23.0
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	4	3.7	1.4	9.8
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	1.2	0.2	8.4
-Other Injuries	900-999	4	3.7	1.4	10.0
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		18	19.6	11.6	32.9

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

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

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

(CONTINUED)

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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	5	1.4	0.6	3.4
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	1	0.3	0.0	2.1
-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	2.1
-Hernias	550-553	1	0.3	0.0	2.1
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	1	0.5	0.1	3.3
Musculoskeletal System	710-739	12	4.3	2.0	9.3
-Dorsopathies	720-724	3	1.1	0.3	3.4
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	59	20.2	14.6	27.9
-Fractures, All Sites	800-829	5	1.4	0.5	3.5
-Dislocations	830-839	2	1.6	0.3	9.2
-Sprains & Strains	840-848	22	5.9	3.8	9.1
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	13	6.1	2.9	12.6
-Other Injuries	900-999	17	5.2	3.1	8.7
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		79	26.9	20.4	35.6

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

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

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

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

Diagnostic Category	Office Management and Administration 878 Person-Years				Engineering, Scientific, and Health Care 334 Person-Years				Technical Support 445 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	13	0.5	0.2	1.0	3	0.4	0.1	1.2	9	0.9	0.4	1.7
Musculoskeletal & Connective Tissue	3	0.9	0.2	3.6	2	1.8	0.3	9.7	1	0.5	0.1	4.3
Injury & Poisoning	6	0.3	0.1	0.7	1	0.1	0.02	1.0	8	1.0	0.4	2.1
Sprains & Strains-Back	1	0.3	0.02	2.9	0				0			
Sprains & Strains-Other	1	0.2	0.02	2.1	0				2	1.0	0.2	4.7
Contusion	2	0.4	0.05	3.7	0				1	0.6	0.1	4.7

* 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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OSHA DATA

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

Diagnostic Category	Heavy Computer Users 81 Person-Years				Service 48 Person-Years				Security 429 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	0				1	0.9	0.1	6.3	19	2.4	1.4	4.1
Musculoskeletal & Connective Tissue	0				0				3	2.1	0.6	6.9
Injury & Poisoning	0				1	1.3	0.2	9.5	17	2.7	1.5	5.0
Sprains & Strains-Back	0				1	12.5	1.6	99.0	2	1.2	0.3	5.3
Sprains & Strains-Other	0				0				5	4.7	1.3	16.8
Contusion	0				0				2	1.9	0.4	10.1

* 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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OSHA DATA

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

Diagnostic Category	Craft and Repair 253 Person-Years				Fire Department 42 Person-Years				Nuclear Specialties 40 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	11	2.0	1.0	3.8	1	1.0	0.1	7.4	0			
Musculoskeletal & Connective Tissue	1	1.1	0.1	9.4	0				0			
Injury & Poisoning	9	1.9	0.9	3.8	1	1.2	0.2	8.7	0			
Sprains & Strains-Back	1	1.1	0.1	8.2	0				0			
Sprains & Strains-Other	2	1.8	0.4	9.0	1	5.8	0.7	46.8	0			
Contusion	3	4.1	1.0	17.6	0				0			

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

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

*** CI = Confidence Limit

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OSHA DATA

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

Diagnostic Category	Production Technicians 252 Person-Years				Material Handlers 111 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	6	1.0	0.4	2.3	4	1.6	0.6	4.3	67
Musculoskeletal & Connective Tissue	1	1.1	0.1	8.7	0				11
Injury & Poisoning	6	1.3	0.5	2.9	4	2.0	0.7	5.4	53
Sprains & Strains-Back	2	2.8	0.6	13.9	3	11.3	2.8	45.1	10
Sprains & Strains-Other	1	0.9	0.1	6.4	0				12
Contusion	1	1.0	0.1	8.4	1	2.6	0.3	20.3	10

* 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