

Sandia 1999

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

	Women					Men				
	Age Group					Age Group				
	16 -	30 -	40 -		Total	16 -	30 -	40 -		Total
	29	39	49	50 +	Total	29	39	49	50 +	Total
Job Category										
Professional										
Staff	49	302	441	249	1041	94	834	1311	1230	3469
Support Staff	28	112	221	185	546	8	170	325	243	746
Clerical	20	60	163	198	441	1	3	10	29	43
Crafts &										
Manual Labor	4	16	22	26	68	14	62	199	150	425
Security	1	6	5	0	12	8	45	39	23	115
Non-Regular	465	44	35	14	558	648	122	35	12	817
Total	567	540	887	672	2666	773	1236	1919	1687	5615

Sandia 1999

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

PROFESSIONAL STAFF	GENERAL LABORATORY MANAGEMENT	PHYSICIAN
ACCOUNTING	GENERAL TECHNICAL MANAGEMENT	PHYSICS
ADMINISTRATION GENERALIST	GEOLOGY	POLICIES & PROCEDURES ANALYSIS
ADMINISTRATIVE TEAM LEADER	GRAPHIC ARTS	PRESIDENT
AERONAUTICAL ENGINEERING	HEALTH EDUCATION	PRIME CONTRACT ADMINISTRATION
ANALYTICAL SCIENCES	HEALTH PHYSICS	PRIME CONTRACT NEGOTIATION
ARCHITECT	HEALTH SERVICES ADMINISTRATION	PROC ENGINEERING/MANUFACTURING
AUDIO/VISUAL	HISTORIAN	PROCESS ENGINEERING
AUDITING	HR CUSTOMER SERVICE MGR	PROD PLANNING/SCHED/MATL CNTRL
BASIC RESEARCH	HUMAN RESOURCES	PRODUCT DEVELOPMENT
BENEFITS & PROGRAMS	HUMAN RESOURCES GENERALIST	PRODUCT ENGINEERING
BUDGETING	INDUSTRIAL ENGINEERING	PROGRAM COST SCHEDULING/CONTROL
BUSINESS DEVELOPMENT	INDUSTRIAL HYGIENE	PROGRAM/PROJECT ADMINISTRATION
BUSINESS PLANNING	INFO SYSTEMS/PROGRAMMING	PROGRAMMING/ANALYSIS
CAD/CAM	INTELLIGENCE	PROPERTY ADMINISTRATION
CHEMICAL ENGINEERING	INTELLIGENCE ANALYSIS	PUBLIC RELATIONS
CHEMISTRY	INTRNTNL SECURITY TECH SYST ANAL	PUBLIC/GOVERNMENT RELATIONS
CLASSIFICATION REVIEW	LABOR RELATIONS	PUBLICATIONS/GRAPHIC ARTS
CLINICAL PSYCHOLOGY	LABORATORY DEPUTY DIRECTOR	PURCHASING
COMMUNITY RELATIONS	LABORATORY MANAGEMENT	PURCHASING COST/PRICE ANALYSIS
COMPENSATION	LIBRARY SERVICES	QUALITY ASSURANCE ENGINEERING
COMPLIANCE INSPECTORS	LIBRARY/RECORDS MANAGEMENT	QUALITY BUSINESS PROCESSES
COMPUTER HARDWARE RSCH/DVLPMT	LICENSING/TECHNOLOGY TRANSFER	QUALITY ENGINEERING
COMPUTER SOFTWARE RSCH/DVLPMT	MATERIALS MANAGEMENT	REACTOR ENGINEERING
COMPUTER SYSTEMS ANALYSIS	MATERIALS SCIENCE	RECORDS MANAGEMENT
CONSTRUCTION & CIVIL ENGRNG	MATHEMATICS	REGULATORY COMPLIANCE
CONTRACT COMPLIANCE/ADMIN	MEASUREMENT SCIENCE (METROLOGY)	RELIABILITY/STOCKPILE QUALITY
CRYPTOGRAPHY	MECHANICAL DESIGN	RF/MICROWAVE DESIGN
DATABASE DEVELOPMENT	MECHANICAL ENGINEERING	RISK ANALYSIS
DIVERSITY WORKFORCE MANAGEMENT	MEDICAL	ROBOTICS
EDUCATIONAL OUTREACH	MEMBER OF TECH STAFF	SAFEGUARDS
ELCTRCL/ELCTRNC/ELCTMCHNCL ENG	METALLURGY	SECURITY CAPTAIN
EMPLOYEE RELATIONS	MICROELECT/SEMICONDUCTOR ENG	SECURITY LIEUTENANT
EMPLOYMENT/STAFFING	NUCLEAR ENGINEERING	SECURITY OPERATIONS
ENGINEERING SCIENCES R&D	NUCLEAR MATL ACCTBLTY & ADMIN	SENIOR ATTORNEY
ENVIRONMENT SAFETY AND HEALTH	NURSE OCCUPATIONAL HEALTH	SENIOR MTS
ENVIRONMENTAL ENGINEERING	OCCUPATIONAL SAFETY ENGINEERING	SENIOR PATENT ATTORNEY
ENVIRONMENTAL REGULATORY COMPLIANCE	OFFICE PLANNING	SENSOR SYSTEMS
ENVIRONMENTAL SAFETY ENGINEERING	OMBUDS LAB SPEC	SIGNAL AND IMAGE PROCESSING
ENVIRONMENTAL SCIENCE	ONE YEAR ON CAMPUS PROGRAM	SOFTWARE QUALITY ENGINEERING
EQUAL EMPLOYMENT OPPORTUNITY	OPERATIONS TEAM SUPERVISOR	STRATEGIC PLANNING
ETHICS OFFICER	OPTICAL ENGINEERING	STRATEGIC SITE PLANNING
EXECUTIVE ASSISTANT	ORGNZTNL DEVELOPMENT CONSULTING	SYSTEMS ANAL/OPERATIONS RSRCH
EXECUTIVE VICE PRESIDENT	PACKAGING DESIGN	SYSTEMS ENGINEERING
EXHIBITS/DISPLAYS COORDINATOR	PARALEGAL	SYSTEMS PROJECT ENGINEERING
FACILITIES	PATENT AGENT	TAX ACCOUNTING
FACILITIES ENGINEERING	PATENT ATTORNEY	TECH PROG/PROJ MGMT & PLANNING
FIELD TEST ENGINEERING	PENSION FUND INVESTMENT	TECHNICAL DEPUTY DIRECTOR
FINANCE/ACCOUNTING/BUDGETING	PENSION FUND MANAGER	TECHNICAL INTELLIGENCE ANALYSIS
FINANCIAL PLANNING	PHYSICAL SECURITY	TECHNICAL MANAGEMENT
FIRE PROTECTION ENGINEERING	PHYSICAL THERAPY	TECHNICAL TEAM LEADER

(CONTINUED)

SANDIA 1999

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

TECHNICAL WRITING/EDITING	PARALEGAL ASSISTANT	MOTOR POOL MECHANIC TRADES
TECHNOLOGY TRANSFER	PHOTOGRAPHER	MFL STK HNDLR (CUT & BUR)
TELECOMMUNICATIONS	PRODUCTION PROCESS CONTROL	NEUTRON GENERATOR PROD TRADES
TRAINING & DEVELOPMENT	PROGRAM ADMINISTRATOR	PACKER
TREASURY	PROGRAM BUDGET ADMIN	PAINTER TRADES
VEHICLE FLEET ADMINISTRATION	PUBLICATIONS ADMIN	PHOTO FABRICATION TRADES
VP ADMINISTRATIVE ASSISTANT	QUALITY ASSURANCE	PHYSICAL ELEC TRADESMAN
	RADIOGRAPHY	PLASTIC TRADES
SUPPORT STAFF	RECEPTIONIST	PLUMBING TRADES
ADMINISTRATIVE SUPPORT	REPORTING ADMINISTRATOR	PRECISION ALIGNMENT TRADES
ASSISTANT PROGRAM ADMIN	REPORTING COORDINATOR	PRECISION GRIND TRADES
AUDIT ADMINISTRATOR	SENIOR MANAGEMENT ASSISTANT	PRECISION METAL TRADES
BUDGET ADMINISTRATOR	SPARES & SPECS COORD	PRECISION WELD TRADES
BUDGET COORDINATOR	TECHNOLOGIST GENERALIST	PRESS OPER
BUYER	TEST SUPPORT PHOTOGRAPHY	RECEIVING CLK
CALIBRATION	TRAINER	REPAIR AND CALIBRATING TRADES
COMMUNICATIONS ADMIN	TRAINING ADMINISTRATOR	REPRO EQUIP OPER
COMMUNICATIONS TECHNOLOGY	TRAINING COORDINATOR	ROOFING TRADES
COMPUTER HARDWARE SUPPORT		SHEETMETAL FAB/INSTALLER TRADES
COMPUTER SOFTWARE SUPPORT	CLERICAL	SPECIAL HANDLER
CONTRACT ADMINISTRATOR	ADMIN SVCS	SPECIALTY ELECTRICAL TRADES
CREDIT AUDITOR	COMP OPERS	SPECIALTY WORKER
DATA CONTROL ASSISTANT	FINCL MGT	STOCKKEEPER
DATABASE SUPPORT	JOB INCRD DISABILITY PLAN	STRUCTURAL GROUP TRADES
DEPARTMENT SECRETARY	MATLS MGT	SVC WORKER (LIGHT FIXTURES)
DRAFTING/DESIGN	OFFICE ADMIN ASST	TOOLKPR (DEV SHOP)
ELECTROMECHANICAL TECHNOLOGY		TRAINEE
ELECTRONICS TECHNOLOGY	CRAFTS & MANUAL LABOR	TRUCK DRIVER
EMI/PARAMEDIC	BOILER OPERATOR TRADES	TSD MECHANIC TRADES
ENGINEERING DOCUMENT CONTROL	BUILDING ELECTRICAL TRADES	UTILITY OPER
ENGINEERING SUPPORT	CLEANER	WORKER (MAINT SUPP TECH)
ENVIRONMENTAL TECHNOLOGY	CUSTODIAN	
FACILITIES SCHEDULER	DISMANTLER	SECURITY
FACILITIES TECHNOLOGY	FABRICATION TRADES	CENTRAL ALARM SYSTEM OPERATOR
FINANCIAL ASSISTANT	GARDENER	SECURITY OFFICER
FORMS SPECIALIST	GLASS TRADES	SECURITY POLICE OFFICER
GRAPHIC DESIGNER	HEAVY EQUIP OPER TRADES	
HEALTH PHYSICS TECHNOLOGY	HELPER	NON-REGULAR
HUMAN RESOURCES ADMIN	HIGH VOLTAGE ELECTRICAL TRADES	ADMIN ASST SCHL PROGRAM
HUMAN RESOURCES COORD	INDUCTOR FABRICATION TRADES	FACULTY SABBATICAL
LABORATORY SUPPORT	INSULATION TRADES	HIGH SCHOOL SUMMER FAC
LAN/WAN SUPPORT	LAB MAINTENANCE TRADES	LIMITED TERM
LASER/OPTICAL TECHNOLOGY	LABORER	POSTDOCTORAL APPOINTEE
LOGISTICS ADMINISTRATOR	LAYOUT OPERATOR	RECURRENT DOCTOR
MATERIALS MGMT ADMIN	LEAD HEAVY EQUIP OPER TRADES	RECURRENT EMGCY MED TECH PARAMEDIC
MECHANICAL TECHNOLOGY	LOCKSMITH TRADES	RECURRENT HEALTH EDUCATOR
MI CROELECT/SEMI CONDUCTOR TECH	MACHINE REPAIR TRADES	RECURRENT MEDICAL TECHNICIAN
MIS ASSISTANT	MACHINIST TRADES	RECURRENT NURSE
NUMERICAL CONTROL PROGRAMMING	MATERIAL HANDLER	RECURRENT PHYSICAL THERAPY ASST
OFFICE MANAGEMENT ASSISTANT	MECHANICAL TRADES	RECURRENT X-RAY TECHNICIAN
ORDER SPECIALIST	MILLWRIGHTS TRADES	SIP EO GEN TECH/BUS SUMMER

(CONTINUED)

SANDIA 1999

Appendix B. Most Common Job Titles in Each Job Category

SIP EO GRAD PROFESSIONAL  
SIP GEN BUSINESS SUMMER  
SIP GEN CLER REP SUMMER  
SIP GEN CLERICAL REPRESENTED  
SIP GEN TECH SUMMER  
SIP GENERAL BUSINESS  
SIP GENERAL CLERICAL

SIP GENERAL LABORER MTC  
SIP GENERAL LABORER SUMMER  
SIP GENERAL TECH  
SIP GRAD PROF ADMIN  
SIP GRAD PROF CO OP  
SIP GRAD PROFESSIONAL  
SIP MEST MTC

SIP STO GEN TECHNICAL  
SIP STO GRAD PROFESSIONAL  
SIP UNDERGRADUATE CO OP  
STUDENT LABORER SUMMER MTC  
UNIV SUMMER FACULTY

Sandia 1999

## Appendix C. Work Force Demographics

## Part 1. Percentage of Men in Different Age Groups from 1993 to 1999

Year	16- 29	30- 39	40- 49	50+
1993	10	33	27	30
1994	10	32	28	30
1995	9	32	30	29
1996	5	30	33	32
1997	2	28	36	34
1998	13	25	33	29
1999	14	22	34	30

## Part 2. Percentage of Women in Different Age Groups from 1993 to 1999

Year	16- 29	30- 39	40- 49	50+
1993	20	32	28	20
1994	21	30	28	21
1995	18	30	31	21
1996	12	29	34	25
1997	5	27	40	28
1998	21	22	34	23
1999	21	20	34	25

## Part 3. Percentage of Men in Different Job Categories from 1993 to 1999

Year	Professional Staff	Support Staff	Clerical	Crafts & Manual Labor	Security	Non-Regul ar	Unknown
1993	59	21	2	10	2	6	*
1994	59	20	2	9	2	8	*
1995	61	19	1	9	2	8	*
1996	66	16	1	9	2	3	3
1997	69	16	1	9	2	<1	2
1998	63	13	1	8	2	13	0
1999	62	13	1	8	2	14	*

\*No workers in this category.

## Part 4. Percentage of Women in Different Job Categories from 1993 to 1999

Year	Professional Staff	Support Staff	Clerical	Crafts & Manual Labor	Security	Non-Regul ar	Unknown
1993	30	29	23	3	1	14	*
1994	30	27	22	3	1	17	*
1995	34	27	21	2	1	15	*
1996	42	26	19	3	<1	8	2
1997	46	28	21	3	1	<1	1
1998	39	21	17	3	<1	20	0
1999	39	20	17	2	<1	21	*

\*No workers in this category.

Sandia 1999

Appendix D. 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 -		Total	16 -	30 -	40 -		Total
Job Category										
Professional										
Staff	2	18	34	29	83	3	38	56	76	173
Support Staff	1	18	33	26	78	0	10	27	21	58
Clerical	0	8	32	31	71	0	1	6	8	79
Crafts &										
Manual Labor	1	4	5	8	18	2	5	23	26	74
Security	0	1	0	0	1	2	5	9	3	19
Non-Regular	1	2	0	0	3	1	2	1	0	4
Total	5	51	104	94	254	8	61	117	132	572

Sandia 1999

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

	Women					Men					
											%
	Age Group					Age Group					
	16 -	30 -	40 -			16 -	30 -	40 -			%
	29	39	49	50 +	Total	29	39	49	50 +	Total	Total
Job Category											
Professional											
Staff	2	19	41	39	101	3	39	66	85	193	294
Support Staff	1	18	37	29	85	0	10	30	21	61	146
Clerical	0	10	46	36	92	0	1	1	6	8	100
Crafts &											
Manual Labor	1	4	9	8	22	2	6	25	30	63	85
Security	0	1	0	0	1	2	6	12	3	23	24
Non-Regular	1	2	0	0	3	1	2	1	0	4	7
Total	5	54	133	112	304	8	64	135	145	352	656

Sandia 1999

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

	Women					Men				
	Age Group					Age Group				
	16 -	30 -	40 -		Total	16 -	30 -	40 -		Total
# of Calendar Days	29	39	49	50 +	Total	29	39	49	50 +	Total
< 15	4	32	83	69	188	5	51	87	82	225
15 - 28	1	10	24	21	56	2	8	24	27	61
29 - 42	0	9	18	15	42	1	1	11	15	28
43 - 56	0	3	4	2	9	0	2	2	15	19
57 - 91	0	0	1	4	5	0	2	5	2	9
92 - 182	0	0	2	1	3	0	0	4	3	7
183 +	0	0	1	0	1	0	0	2	1	3
Total	5	54	133	112	304	8	64	135	145	352



Sandia 1999

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

Women														Men													
Job Category														Job Category													
Cra-														Cra-													
Pro-														Pro-													
fes-														fes-													
sio-, Sup-														sio-, Sup-													
nal , port, Cle- ual , Sec-, Non-														nal , port, Cle- ual , Sec-, Non-													
, Sta- Sta- ric- , Lab- uri- , Reg-, Tot-														, Sta- Sta- ric- , Lab- uri- , Reg-, Tot-													
ff , ff , al , or , ty , ular , al														ff , ff , al , or , ty , ular , al													
# of														# of													
Calendar,														Calendar,													
Days														Days													
, < 15														, < 15													
, 15 - 28														, 15 - 28													
, 29 - 42														, 29 - 42													
, 43 - 56														, 43 - 56													
, 57 - 91														, 57 - 91													
, 92 - 182														, 92 - 182													
, 183 +														, 183 +													
, Total														, Total													
62	56	55	13	0	2	188	140	35	5	32	9	4	225	62	56	55	13	0	2	188	140	35	5	32	9	4	225
24	12	14	4	1	1	56	28	12	1	14	6	0	61	24	12	14	4	1	1	56	28	12	1	14	6	0	61
9	14	15	4	0	0	42	14	6	0	4	4	0	28	9	14	15	4	0	0	42	14	6	0	4	4	0	28
3	1	4	1	0	0	9	8	4	0	7	0	0	19	3	1	4	1	0	0	9	8	4	0	7	0	0	19
2	1	2	0	0	0	5	1	2	1	2	3	0	9	2	1	2	0	0	0	5	1	2	1	2	3	0	9
0	1	2	0	0	0	3	2	0	1	3	1	0	7	0	1	2	0	0	0	3	2	0	1	3	1	0	7
1	0	0	0	0	0	1	0	2	0	1	0	0	3	1	0	0	0	0	0	1	0	2	0	1	0	0	3
101	85	92	22	1	3	304	193	61	8	63	23	4	352	101	85	92	22	1	3	304	193	61	8	63	23	4	352

Sandia 1999

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

Diagnostic Category Code	Women					Men					Total
	16-29	30-39	40-49	50+	Total	16-29	30-39	40-49	50+	Total	
INFECTIONOUS & PARASITIC DISEASES (DIS)	0	1	2	4	7	0	3	4	2	9	16
- Intestinal, 001-009											
Infectious Dis	0	0	1	1	2	0	0	0	0	0	2
- Other, 030-041											
Bacterial Dis	0	1	0	1	2	0	0	1	0	1	3
- Viral Dis, 050-057											
with Exanthem	0	0	0	0	0	0	1	1	0	2	2
- Other, 070-079											
Viral Dis & Chlamydiae	0	0	1	2	3	0	1	0	2	3	6
- Syphilis & other Venereal Dis	0	0	0	0	0	0	0	0	2	0	2
- Mycoses, 110-118	0	0	0	0	0	0	1	0	0	1	1
MALIGNANT NEOPLASMS	0	1	12	0	13	0	4	3	10	17	30
- Lip, Oral Cavity, Pharynx	0	0	0	0	0	0	1	0	0	1	1
- Digestive & Peritoneal	0	0	0	0	0	0	1	0	5	6	6
- Respiratory & Intrathoracic	0	0	4	0	4	0	0	2	0	2	6

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

Diagnostic Category	Women					Men				
	16-29	30-39	40-49	50+	Total	16-29	30-39	40-49	50+	Total
- Bone, Connective Tissue, Skin	0	1	0	0	1	0	0	0	0	0
- Breast	0	0	7	0	7	0	0	0	0	0
- Genitourinary	0	0	0	0	0	0	0	0	3	3
- Other & Unspecified Sites	0	0	1	0	1	0	2	0	1	3
- Lymphatic & Hematopoietic	0	0	0	0	0	0	0	1	1	2
BENIGN & UNCERTAIN NEOPLASMS	0	3	8	6	17	0	1	2	1	4
ENDOCRINE/METABOLIC/IMMUNITY	0	2	3	4	9	0	1	5	2	8
- Thyroid Gland Disorders	0	0	0	1	1	0	0	0	0	0
- Other Endocrine Gland Disorders	0	1	2	3	6	0	0	0	1	1
- Other Metabolic & Immunity Disorders	0	1	1	0	2	0	1	5	1	7
MENTAL DISORDERS	0	7	5	2	14	0	3	5	1	9
- Psychoses	0	3	1	2	6	0	1	1	0	2

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

Diagnostic Category	Women					Men				
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total
- Non-Psychotic Disorders	0	3	3	0	6	0	1	4	1	6
- Alcohol Dependence	0	1	1	0	2	0	1	0	0	1
NERVOUS SYSTEM (NS), & SENSE ORGANS	0	3	13	14	30	0	2	13	12	27
- Other Disorders of Central NS	0	0	2	0	2	0	0	2	0	2
- Disorders of Peripheral NS	0	2	1	4	7	0	0	3	3	6
- Disorders of Eye	0	1	8	8	17	0	1	5	8	14
- Dis of Ear, & Mastoid	0	0	2	2	4	0	1	3	1	5
CIRCULATORY SYSTEM	0	4	2	6	12	0	3	12	25	40
- Hypertensive Dis	0	0	1	1	2	0	0	0	2	2
- Ischemic Heart Dis	0	0	0	0	0	0	3	5	10	18
- Dis of Pulmonary Circulation	0	0	0	0	0	0	0	0	1	1
- Other Heart Dis	0	0	0	3	3	0	0	1	2	3

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

Diagnostic Category	Women					Men				
	16-29	30-39	40-49	50+	Total	16-29	30-39	40-49	50+	Total
-Cerebrovascular Dis	0	1	0	1	2	0	0	0	2	2
-Dis of Arteries & Capillaries	0	0	0	0	0	0	0	0	1	1
-Dis of Veins, Lymphatics, Other	0	3	1	1	5	0	0	6	7	13
RESPIRATORY SYSTEM	2	13	40	33	88	4	18	35	36	93
-Acute Respiratory Infections	1	2	14	7	24	0	3	12	12	27
-Other Dis of Upper Respiratory Tract	1	6	7	7	21	4	4	10	7	25
-Pneumonia & Influenza	0	1	4	12	17	0	4	7	7	18
-Chronic Obstructive Dis	0	3	13	6	22	0	3	5	10	18
-Other Respiratory Dis	0	1	2	1	4	0	4	1	0	5
DIGESTIVE SYSTEM	1	7	9	8	25	1	10	24	18	53
-Oral Cavity, Saliva Glands, Jaw	0	1	2	0	3	0	0	2	0	2

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

Diagnostic Category Code	Women					Men					Total
	Age Group					Age Group					
	16 - 29	30 - 39	40 - 49	50 +	al	16 - 29	30 - 39	40 - 49	50 +	al	
- Esophagus, 530- 537											
Stomach,											
Duodenum	0	0	4	1	5	0	0	1	1	2	7
- Appendicistis, 540- 543	0	1	0	0	1	0	3	4	2	9	10
- Hernia, 550- 553	0	1	1	1	3	0	5	12	10	27	30
- Enteritis, 555- 558											
Colitis	0	0	1	0	1	1	1	1	2	5	6
- Other, 560- 569											
Intestinal Dis	0	1	0	4	5	0	0	4	0	4	9
- Other, 570- 579											
Digestive Dis	1	3	1	2	7	0	1	0	3	4	11
GENITOURINARY SYSTEM, 580- 629											
- Nephritis, 580- 589											
Nephrosis	0	0	0	1	1	0	0	0	0	0	1
- Other, 590- 599											
Urinary Dis,	0	0	0	2	2	0	0	4	0	4	6
- Male, 600- 608											
Genital Organ Dis	0	0	0	0	0	0	1	1	2	4	4
- Breast Disorders, 610- 611											
- Pelvic Inflammatory Dis, 614- 616											
- Other, 617- 629											
Female Disorders	0	6	6	13	25	0	0	0	0	0	25

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

Diagnostic Category	Women					Men				
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total
PREGNANCY & CHILDBIRTH	1	2	0	0	3	0	0	0	0	0
- Ectopic & Molar Pregnancy	1	1	0	0	2	0	0	0	0	0
- Pregnancy with Abortive Outcome	0	1	0	0	1	0	0	0	0	0
SKIN & SUBCUTANEOUS TISSUE	0	1	8	2	11	0	1	0	6	7
- Infections	0	1	4	1	6	0	0	0	6	6
- Other	0	0	2	0	2	0	1	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	1	9	27	23	60	1	7	23	35	66
- Arthropathies	1	4	4	9	18	1	4	5	17	27
- Dorsopathies	0	1	3	5	9	0	0	9	6	15
- Rheumatism, excluding Back	0	2	12	7	21	0	2	7	9	18
- Other Disorders & Acquired Deformities	0	2	8	2	12	0	1	2	3	6

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

	Women					Men				
	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										
CONGENITAL ANOMALIES	0	2	1	3	6	0	3	5	2	10
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	0	1	14	7	22	1	7	9	5	22
-Symptoms	0	1	13	6	20	1	7	9	5	22
-Non-Specific Abnormal Findings	0	0	1	0	1	0	0	0	0	0
-Ill-Defined & Unknown Causes	0	0	0	1	1	0	0	0	0	0
INJURY & POISONING	0	5	21	18	44	3	19	28	17	67
-Fracture - Skull	0	0	0	0	0	0	0	0	1	1
-Fracture - Neck, Trunk	0	0	1	0	1	0	2	0	2	4
-Fracture - Upper Limb	0	1	1	2	4	0	2	3	0	5
-Fracture - Lower Limb	0	0	3	3	6	1	0	2	1	4
-Dislocation	0	1	6	7	14	0	4	8	5	17
-Sprains & Strains - Back	0	2	5	2	9	0	0	4	1	5
-Sprains & Strains - Other	0	1	1	1	3	1	9	5	4	19

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)



Sandia 1999

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

Diagnostic Category	Women					Men				
	16-29	30-39	40-49	50-59	60+	16-29	30-39	40-49	50-59	60+
-Intracranial Injury	0	0	0	0	0	1	1	0	2	2
-Internal Injury - Thorax, Abdomen, Pelvis	0	0	0	0	0	1	0	0	1	1
-Open Wound, 870-879										
Head, Neck, Trunk	0	0	0	2	2	0	0	0	1	1
-Open Wound, 880-887										
Upper Limb	0	0	2	1	3	1	0	0	0	1
-Open Wound, 890-897										
Lower Limb	0	0	0	0	0	0	0	1	0	1
-Injury to Blood Vessels	0	0	0	0	0	0	0	0	1	1
-Contusion	0	0	0	0	0	0	0	0	1	1
-Injury to Nerves & Spinal Cord	0	0	1	0	1	0	0	0	0	0
-Unspecified Effects										
External Causes	0	0	0	0	0	0	0	0	1	1
-Complications of Surgical/Medical Care	0	0	1	0	1	0	0	3	0	3
HEALTH STATUS/HEALTH SERVICE CONTACT	0	5	3	4	12	0	0	0	1	1

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

Diagnostic Category	Women					Men				
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total
- Personal & Family History	0	0	1	2	3	0	0	0	0	3
- Health Services, Reproductive/Development	0	4	1	0	5	0	0	0	0	5
- Health Status	0	0	0	0	0	0	0	0	1	1
- Specific Procedures/Aftercare	0	0	1	1	2	0	0	0	0	2
- Other Circumstances	0	1	0	1	2	0	0	0	0	2
<b>Total</b>	<b>5</b>	<b>73</b>	<b>178</b>	<b>153</b>	<b>409</b>	<b>10</b>	<b>83</b>	<b>173</b>	<b>175</b>	<b>441</b>

\*Only those diagnostic categories with at least one occurrence appear in this table.

Sandia 1999

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

Diagnostic Category	Women					Men				
	16-29	30-39	40-49	50-59	Total	16-29	30-39	40-49	50-59	Total
INFECTIONOUS & PARASITIC DISEASES (DIS)	0	7	19	66	92	0	26	98	8	132
MALIGNANT NEOPLASMS (DIS)	0	8	661	0	669	0	106	223	641	970
BENIGN & UNCERTAIN NEOPLASMS (DIS)	0	107	288	107	502	0	1	91	14	106
ENDOCRINE/METABOLIC IMMUNITY (DIS)	0	10	84	49	143	0	18	99	27	144
MENTAL DISORDERS (DIS)	0	156	70	179	405	0	28	102	19	149
NERVOUS SYSTEM (NS) & SENSE ORGANS (DIS)	0	47	121	222	390	0	14	515	213	742
CIRCULATORY SYSTEM (DIS)	0	81	39	118	238	0	81	254	635	970
RESPIRATORY SYSTEM (DIS)	15	83	347	305	750	19	158	278	285	740
DIGESTIVE SYSTEM (DIS)	10	111	100	104	325	10	110	365	298	783
GENITOURINARY SYSTEM (DIS)	0	118	193	385	696	0	11	108	19	138
PREGNANCY & CHILDBIRTH (DIS)	21	50	0	0	71	0	0	0	0	0
SKIN & SUBCUTANEOUS TISSUE (DIS)	0	10	175	24	209	0	12	0	105	117

\*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.

(CONTINUED)

Sandia 1999

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

	Women					Men				
	Age Group					Age Group				
	16 -	30 -	40 -	Tot -		16 -	30 -	40 -	Tot -	
	29	39	49	50 +	al	29	39	49	50 +	al
Diagnostic Category										
MUSCULOSKELETAL & CONNECTIVE TISSUE	7	130	461	580	1178	7	63	670	866	1606
CONGENITAL ANOMALIES	0	38	35	110	183	0	57	91	46	194
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	0	14	119	119	252	7	68	116	94	285
INJURY & POISONING	0	28	250	285	563	83	245	655	262	1245

\*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.

Sandia 1999

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

Diagnostic Category	Women						
	Prof- essional	Supp- ort	Manu- al	Non- Cler-	Secu- rity	Regu- lar	Total
INFECTION & PARASITIC DISEASES (DIS)	3	2	2	0	0	0	7
-Intestinal Infectious Dis	1	0	1	0	0	0	2
-Other Bacterial Dis	1	0	1	0	0	0	2
-Other Viral Dis & Chlamydiae	1	2	0	0	0	0	3
MALIGNANT NEOPLASMS	4	0	9	0	0	0	13
-Respiratory & Intrathoracic	0	0	4	0	0	0	4
-Bone, Connective Tissue, Skin	1	0	0	0	0	0	1
-Breast Sites	3	0	4	0	0	0	7
-Other & Unspecified Sites	0	0	1	0	0	0	1
BENIGN & UNCERTAIN NEOPLASMS	9	4	4	0	0	0	17
ENDOCRINE/METABOLIC/IMMUNITY	3	2	3	1	0	0	9

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

Diagnostic Category	Women							
	Prof- essional	Supp- ort	Manu- al	Non- Cler-	Secu- rity	Regu- lar	Total	%
-Thyroid Gland Disorders	1	0	0	0	0	0	1	1
-Other Endocrine Gland Dis	1	2	2	1	0	0	6	6
-Other Metabolic & Immunity Disorders	1	0	1	0	0	0	2	2
MENTAL DISORDERS	4	4	6	0	0	0	14	14
-Psychoses	2	3	1	0	0	0	6	6
-Non-Psychotic Disorders	1	1	4	0	0	0	6	6
-Alcohol Dependence	1	0	1	0	0	0	2	2
NERVOUS SYSTEM (NS) & SENSE ORGANS	11	11	5	3	0	0	30	30
-Other Disorders of Central NS	1	0	1	0	0	0	2	2
-Disorders of Peripheral NS	1	3	2	1	0	0	7	7
-Disorders of Eye	8	5	2	2	0	0	17	17
-Dis of Ear & Mastoid	1	3	0	0	0	0	4	4

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)



Sandia 1999

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

Diagnostic Category	Women							
	Prof- essional	Supp- ort	Manu- al	Non- Cler-	Secu- rity	Regu- lar	Staff	Total
-Oral Cavity, 520-529								
Saliva Glands, Jaw	0	2	0	1	0	0	0	3
-Esophagus, 530-537								
Stomach, Duodenum	0	0	3	2	0	0	0	5
-Appendicitis, 540-543	0	0	0	0	0	1	0	1
-Hernia, 550-553	1	0	0	2	0	0	0	3
-Enteritis, 555-558								
Colitis	1	0	0	0	0	0	0	1
-Other, 560-569								
Intestinal Dis	1	0	4	0	0	0	0	5
-Other, 570-579								
Digestive Dis	0	2	2	1	1	1	0	7
GENITOURINARY, 580-629								
SYSTEM	14	8	12	2	0	0	0	36
-Nephritis, 580-589								
Nephrosis	0	0	1	0	0	0	0	1
-Other, 590-599								
Urinary Dis	1	1	0	0	0	0	0	2
-Breast, 610-611								
Disorders	2	2	1	0	0	0	0	5
-Pelvic, 614-616								
Inflammatory Dis	2	0	0	1	0	0	0	3
-Other Female, 617-629								
Disorders	9	5	10	1	0	0	0	25

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)



Sandia 1999

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

Diagnostic Category	Women						
	Prof- essional	Supp- ort	Manu- al	Non- Cler-	Secu- rity	Regu- lar	Total
PREGNANCY & CHILDBIRTH	1	0	1	1	0	0	3
-Ectopic & Molar Pregnancy	1	0	0	1	0	0	2
-Pregnancy with Abortive Outcome	0	0	1	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	4	0	5	2	0	0	11
-Infections	0	0	4	2	0	0	6
-Other Inflammatory Conditions	2	0	0	0	0	0	2
-Other	2	0	1	0	0	0	3
MUSCULOSKELETAL & CONNECTIVE TISSUE	28	16	15	0	0	1	60
-Arthropathies	10	6	1	0	0	1	18
-Dorsopathies	6	0	3	0	0	0	9
-Rheumatism, Excluding Back	8	5	8	0	0	0	21
-Other Dis & Acquired Deformities	4	5	3	0	0	0	12

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

Diagnostic Category	Women						
	Prof- essional	Supp- ort	Manu- al	Non- Secu- rity	Regu- lar	Total	%
CONGENITAL ANOMALIES	2	3	1	0	0	0	6
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	6	6	8	2	0	0	22
-Symptoms	5	6	7	2	0	0	20
-Non-Specific Abnormal Findings	1	0	0	0	0	0	1
-Ill-Defined & Unknown Causes	0	0	1	0	0	0	1
INJURY & POISONING	12	13	17	1	0	1	44
-Fracture - Neck, Trunk	0	0	1	0	0	0	1
-Fracture - Upper Limb	0	2	1	0	0	1	4
-Fracture - Lower Limb	4	1	1	0	0	0	6
-Dislocation	4	5	4	1	0	0	14
-Sprains & Strains - Back	2	1	6	0	0	0	9
-Sprains & Strains - Other	1	1	1	0	0	0	3
-Open Wound - Head, Neck, Trunk	0	0	2	0	0	0	2

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

	Women						
	Job Category						
	Craf-	Prof-	essi-	Supp-	Manu-	Non-	
	onal	ort	Cler-	al	Secu-	Regu-	
	Staff	Staff	ical	Labor	arity	lar	Total
Diagnostic Category	ICD-9-CM Code						
-Open Wound - 880-887							
Upper Limb	1	1	1	0	0	0	3
-Injury to Nerves & Spinal Cord							
	0	1	0	0	0	0	1
-Complications of Surgical/Medical Care							
	0	1	0	0	0	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT							
	4	3	5	0	0	0	12
-Personal & Family History							
	0	0	3	0	0	0	3
-Health Services/Reproduction/Development							
	4	0	1	0	0	0	5
-Specific Procedures/Aftercare							
	0	1	1	0	0	0	2
-Other Circumstances							
	0	2	0	0	0	0	2
Total	135	110	129	30	1	4	409

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

Diagnostic Category	Men							
	Prof- essional	Supp- ort	Manu- al	Non- Cler-	Secu- rity	Regu- lar	Staff	Total
INFECTIOUS & PARASITIC DISEASES (DIS)	6	1	0	2	0	0	0	9
-Other								
-Bacterial Dis	0	1	0	0	0	0	0	1
-Viral Dis	2	0	0	0	0	0	0	2
-Other Viral Dis & Chlamydiae	2	0	0	1	0	0	0	3
-Syphilis & Other Venereal Dis	1	0	0	1	0	0	0	2
-Mycoses	1	0	0	0	0	0	0	1
MALIGNANT NEOPLASMS	5	6	0	6	0	0	0	17
-Lip, Oral Cavity, Pharynx	1	0	0	0	0	0	0	1
-Digestive & Peritoneal	2	2	0	2	0	0	0	6
-Respiratory & Intrathoracic	0	2	0	0	0	0	0	2
-Genitourinary	2	1	0	0	0	0	0	3
-Other & Unspecified Sites	0	0	0	3	0	0	0	3

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

Diagnostic Category	Men							
	0	1	0	1	0	0	2	
-Lymphatic & Hematopoietic, 200-208	0	1	0	1	0	0	2	
BENIGN & UNCERTAIN NEOPLASMS, 210-229, 235-239	4	0	0	0	0	0	4	
ENDOCRINE/METABOLIC/IMMUNITY, 240-279	3	3	0	1	1	0	8	
-Other Endocrine Gland Disorders, 250-259	0	1	0	0	0	0	1	
-Other Metabolic & Immunity Disorders, 270-279	3	2	0	1	1	0	7	
MENTAL DISORDERS, 290-319	7	1	1	0	0	0	9	
-Psychoses, 290-299	2	0	0	0	0	0	2	
-Non-Psychotic Disorders, 300-302, 306-316	4	1	1	0	0	0	6	
-Alcohol Dependence, 303	1	0	0	0	0	0	1	
NERVOUS SYSTEM (NS) & SENSE ORGANS, 320-389	17	3	1	4	2	0	27	
-Other Disorders of Central NS, 340-349	1	0	0	0	1	0	2	
-Disorders of Peripheral NS, 350-359	2	1	1	1	1	0	6	

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

Diagnostic Category	Men						
	Prof- essional	Supp- ort	Manu- al	Non- Cler-	Secu- rity	Regu- lar	Total
- Disorders of Eye	9	2	0	3	0	0	14
- Dis of Ear & Mastoid	5	0	0	0	0	0	5
CIRCULATORY SYSTEM	21	10	2	7	0	0	40
- Hypertensive Dis	0	2	0	0	0	0	2
- Ischemic Heart Dis	9	4	2	3	0	0	18
- Dis of Pulmonary Circulation	0	1	0	0	0	0	1
- Other Heart Dis	1	1	0	1	0	0	3
- Cerebrovascular Dis	2	0	0	0	0	0	2
- Dis of Arteries & Capillaries	0	1	0	0	0	0	1
- Dis of Veins, Lymphatics, Other	9	1	0	3	0	0	13
RESPIRATORY SYSTEM	51	16	4	17	1	4	93
- Acute Respiratory Infections	13	3	2	8	0	1	27

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

Diagnostic Category	Men						
	Prof- essional	Staff	Staff, Laboratory	Crafts & Manu- facturing	Support	Non- Laboratory	Total
-Other Dis	13	6	0	3	0	3	25
-Pneumonia & Influenza	10	4	0	4	0	0	18
-Chronic Obstructive Dis	12	2	2	1	1	0	18
-Other Respiratory Dis	3	1	0	1	0	0	5
-DIGESTIVE SYSTEM	30	7	0	9	6	1	53
-Oral Cavity, Saliva Glands, Jaw	0	2	0	0	0	0	2
-Esophagus, Stomach, Duodenum	1	0	0	1	0	0	2
-Appendicitis	5	3	0	1	0	0	9
-Hernia	19	1	0	4	2	1	27
-Enteritis, Colitis	0	0	0	3	2	0	5
-Other Intestinal Dis	2	0	0	0	2	0	4
-Other Digestive Dis	3	1	0	0	0	0	4

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

	Men																		
	Job Category																		
	Craf-	Prof-	essi-	Supp-	Manu-	Non-	onal	ort	Cler-	al	Secu-	Regu-	Staff	Staff	ical	Labor	arity	lar	Total
Diagnosti c , ICD-9-CM Code , Category																			
GENITOURINARY, 580- 629																			
SYSTEM	4	1	0	1	2	0	8												
-Other , 590- 599																			
Urinary Dis	1	1	0	0	2	0	4												
-Male Genital, 600- 608																			
Organ Dis	3	0	0	1	0	0	4												
SKIN & , 680- 709																			
SUBCUTANEOUS , TISSUE	6	0	0	1	0	0	7												
-Infections , 680- 686	5	0	0	1	0	0	6												
-Other , 690- 698																			
Inflammatory , Conditions	1	0	0	0	0	0	1												
MUSCULOSKELE- , 710- 739																			
TAL & , CONNECTIVE , TISSUE	32	9	4	8	13	0	66												
-Arthropathi- , 710- 719																			
es	16	4	3	0	4	0	27												
-Dorsopathi es, 720- 724	6	1	0	3	5	0	15												
-Rheumatism , 725- 729																			
Excludi ng , Back	6	3	1	4	4	0	18												
-Other Dis & , 730- 739																			
Acqui red , Deformi ties	4	1	0	1	0	0	6												
CONGENITAL , 740- 759																			
ANOMALIES	4	4	0	0	2	0	10												

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)



Sandia 1999

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

	Men																		
	Job Category																		
	Craf-	Prof-	essi -	Supp-	Manu-	Non-	onal	ort	Cler-	al	Secu-	Regu-	Staff	Staff	ical	Labor	arity	lar	Total
Diagnostic Category																			
SYMPTOMS, 780- 799																			
SIGNS, & ILL- DEFINED COND.																			
-Symptoms 780- 789	12	3	0	5	2	0	22												
INJURY & POISONING																			
-Fracture - 800- 804																			
Skull	0	0	0	0	1	0	1												
-Fracture - 805- 809																			
Neck, Trunk	4	0	0	0	0	0	4												
-Fracture - 810- 819																			
Upper Limb	2	2	0	1	0	0	5												
-Fracture - 820- 829																			
Lower Limb	0	2	0	2	0	0	4												
-Dislocation 830- 839	10	2	0	3	2	0	17												
-Sprains & Strains -																			
Back	0	3	0	1	1	0	5												
-Sprains & Strains -																			
Other	12	1	0	2	4	0	19												
-Intracranial 850- 854																			
Injury	1	1	0	0	0	0	2												
-Internal 860- 869																			
Injury -																			
Thorax,																			
Abdomen,																			
Pelvis	1	0	0	0	0	0	1												

\*Only those diagnostic categories with at least one occurrence appear in this table.

(CONTINUED)

Sandia 1999

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

	Men						
	Job Category						
	Craf-	Prof-	essi -	Supp-	Manu-	Non-	
	onal	ort	Cler-	al	Secu-	Regu-	
	Staff	Staff	ical	Labor	arity	lar	Total
Di agnostic , ICD- 9- CM Code , Category							
-Open Wound - , 870- 879							
Head, Neck, Trunk	1,	0,	0,	0,	0,	0,	1,
-Open Wound - , 880- 887							
Upper Limb	0,	0,	0,	0,	1,	0,	1,
-Open Wound - , 890- 897							
Lower Limb	1,	0,	0,	0,	0,	0,	1,
-Injury to , 900- 904							
Blood Vessels,	1,	0,	0,	0,	0,	0,	1,
-Contusion , 920- 924							
-Unspeci fied , 990- 995							
Effects - External Causes	0,	0,	1,	0,	0,	0,	1,
-Complicatio- , 996- 999							
ns of Surgical /Med- ical Care	0,	1,	0,	2,	0,	0,	3,
HEALTH , V01- V82							
STATUS/HEALTH, SERVICE CONTACT	1,	0,	0,	0,	0,	0,	1,
-Health , V40- V49							
Status	1,	0,	0,	0,	0,	0,	1,
Total	237,	76,	13,	72,	38,	5,	441,

\*Only those diagnostic categories with at least one occurrence appear in this table.



Sandia 1999

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

		Women						
		Job Category						
		Craf-	Prof-	ts &	essi -	Supp-	Manu-	Non-
		onal	ort	Cler-	al	Secu-	Regu-	lar
		Staff,	Staff,	ical	Labor,	rity	lar	Total
Di agnostic	ICD- 9- CM Code							
Category								
MUSCULOSKELE-	710- 739							
TAL &								
CONNECTIVE								
TISSUE		419,	441,	309,	0,	0,	9,	1178,
CONGENITAL	740- 759							
ANOMALIES		46,	120,	17,	0,	0,	0,	183,
SYMPTOMS,	780- 799							
SIGNS, & ILL-								
DEFINED COND.,		84,	54,	95,	19,	0,	0,	252,
INJURY &	800- 999							
POISONING		192,	137,	201,	24,	0,	9,	563,

\*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.

(CONTINUED)

Sandia 1999

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

	Men								
Job Category									
	Prof-	essi-	Supp-	Manu-	Non-	onal	ort	Cler-	al
	Secu-	Regu-	Staff	Staff	ical	Labor	arity	lar	Total
Di agnostic , ICD- 9- CM Code , Category									
INFECTIONOUS & , 001- 139									
PARASITIC DISEASES (DIS)									
MALIGNANT , 140- 208, 230- NEOPLASMS , 234									
BENIGN & , 210- 229, 235- UNCERTAIN , 239									
NEOPLASMS									
ENDOCRINE/ME- , 240- 279									
TABOLIC/IMMU- NITY									
MENTAL , 290- 319									
DISORDERS									
NERVOUS , 320- 389									
SYSTEM (NS) & , SENSE ORGANS									
CIRCULATORY , 390- 459									
SYSTEM									
RESPIRATORY , 460- 519									
SYSTEM									
DIGESTIVE , 520- 579									
SYSTEM									
GENITOURINARY, 580- 629									
SYSTEM									
SKIN & , 680- 709									
SUBCUTANEOUS , TISSUE									

\*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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Sandia 1999

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

Diagnostic Category	Men							
	Prof- essl- onal	Supp- ort	Manu- al	Craf- ts & Secu- rity	Regu- lar	Non- Total	Staff	Staff
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	587	252	99	309	359	0	1606	
CONGENITAL ANOMALIES	94	80	0	0	20	0	194	
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	132	60	0	70	23	0	285	
INJURY & POISONING	264	376	14	274	317	0	1245	

\*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.

Sandia 1999

## 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 1993 to 1999

## Rate per 1,000 Men

Men	All Diagnostic Categories			Cancer			Heart/Circulatory			Respiratory			Injury		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	118	127	137	6	7	10	7	10	12	22	26	30	16	19	23
1994	82	89	97	2	3	5	6	7	10	13	16	20	12	15	19
1995	80	88	96	1	2	4	6	8	11	14	16	20	9	12	15
1996	81	90	99	2	3	5	4	6	8	14	18	23	10	13	17
1997	74	87	103	1	2	4	4	5	7	10	12	15	13	22	35
1998	68	75	83	2	4	6	4	6	8	7	9	12	8	10	13
1999	63	70	77	2	3	5	4	6	8	13	16	20	8	10	13

## Rate per 1,000 Women

Women	All Diagnostic Categories			Cancer			Heart/Circulatory			Respiratory			Injury		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	234	254	276	2	4	8	5	8	14	44	53	63	15	20	27
1994	170	187	206	2	4	8	2	5	9	34	42	51	19	24	32
1995	173	190	208	4	6	11	4	7	11	45	54	64	11	16	22
1996	192	210	230	3	5	9	4	6	10	34	42	51	16	22	29
1997	133	154	178	2	4	8	3	5	10	21	31	46	11	15	21
1998	113	126	141	2	4	8	3	5	9	18	24	31	11	15	21
1999	131	145	160	2	4	6	3	5	8	24	30	37	11	15	20

(CONTINUED)

Sandia 1999

Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined  
 Part 2. Age-Adjusted Rates for All Diagnoses Combined by Gender and Job Category from 1993 to 1999

Rate per 1,000 Men

Men	Professional Staff			Support Staff			Clerical			Crafts & Manual Labor		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	69	79	90	159	182	208	278	366	484	228	262	302
1994	58	69	82	83	102	124	110	170	262	218	316	458
1995	48	57	68	87	107	133	142	222	348	209	273	356
1996	62	73	87	79	97	120	150	238	377	158	224	318
1997	59	76	97	76	94	117	46	85	156	116	144	178
1998	54	66	80	83	103	129	89	175	344	124	155	192
1999	53	65	81	55	70	90	104	244	570	107	160	238

Year	Security			Non-Regul ar			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	196	287	419	<1	1	7	*	*	*
1994	49	87	155	<1	2	6	*	*	*
1995	159	257	417	0	0	0	*	*	*
1996	137	242	428	4	17	76	27	46	79
1997	88	140	222	0	0	0	12	25	50
1998	97	272	765	0	0	0	*	*	*
1999	198	301	458	3	11	38	*	*	*

\*No workers in this category.

Rate per 1,000 Women

Women	Professional Staff			Support Staff			Clerical			Crafts & Manual Labor		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	179	216	261	201	239	284	314	370	435	425	615	891
1994	104	141	191	170	208	255	222	272	333	460	596	774
1995	139	181	235	151	183	221	214	253	299	448	584	760
1996	152	187	230	194	236	286	265	332	416	406	537	709
1997	92	120	154	132	172	222	118	167	236	294	418	594
1998	108	133	164	132	167	211	116	161	223	108	172	274
1999	98	123	155	129	161	201	174	209	252	242	386	616

Year	Security			Non-Regul ar			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	406	727	1302	1	3	9	*	*	*
1994	461	864	1618	5	14	39	*	*	*
1995	64	163	415	1	4	32	*	*	*
1996	249	515	1062	2	14	101	26	79	246
1997	4	30	215	0	0	0	34	106	329
1998	18	71	283	0	0	0	*	*	*
1999	5	35	251	5	15	45	*	*	*

\*No workers in this category.



Sandia 1999

## 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	9	1.4	0.7	2.9
Malignant Neoplasms	140-208, 230-234	17	2.8	1.7	4.6
- Digestive Organs	150-159	6	1.0	0.4	2.4
- Respiratory System	160-165	2	0.2	0.1	0.9
- Breast	174-175	0	0	0	0
- Genitourinary	179-189	3	0.6	0.2	2.0
- Nervous System	191-192	0	0	0	0
- Leukemia, Lymphoma	200-208	2	0.3	0.1	1.0
Benign Neoplasms & Other	210-229, 235-239	4	0.5	0.2	1.5
Endocrine & Metabolic Diseases	240-279	8	1.0	0.5	2.1
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	9	1.2	0.6	2.4
- Alcoholism	303	1	0.2	0.0	1.2
- Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	27	3.7	2.5	5.5
Circulatory System	390-459	40	5.9	4.3	8.2
- Hypertension	401	2	0.3	0.1	1.1
- Acute Myocardial Infarction	410	7	1.0	0.5	2.2
- Ischemic Disease, not M.I.	411-414, 429.2	11	1.6	0.9	3.1
- Cerebrovascular Disease	430-438	2	0.3	0.1	1.1
Respiratory System	460-519	93	16.1	12.9	20.1
- Upper Respiratory	460-465, 470-478	43	7.5	5.4	10.4
- Pneumonia/Bronchitis	466, 480-487	27	4.2	2.8	6.3
- Chronic Respiratory Conditions	490-496	18	3.6	2.2	6.0
Digestive System	520-579	53	7.9	6.0	10.5
- Hernias	550-553	27	4.2	2.8	6.2
- Gallbladder Disease	574-575	3	0.5	0.1	1.4
Genitourinary System	580-629	8	1.4	0.6	2.9
- Benign Prostatic Hypertrophy	600	1	0.3	0.0	2.1
Skin & Subcutaneous Tissue	680-709	7	1.5	0.7	3.3
Musculoskeletal System	710-739	66	10.8	8.3	14.0
- Dorsopathies	720-724	15	2.2	1.3	3.8
Congenital Anomalies	740-759	10	1.5	0.8	3.0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	22	3.3	2.1	5.2
Injury & Poisoning	800-999	67	10.2	7.9	13.2
- Fractures, All Sites	800-829	14	2.2	1.3	3.9
- Dislocations	830-839	17	2.3	1.4	3.8
- Sprains & Strains	840-848	24	3.8	2.5	5.9
- Intracranial Injuries	850-854	2	0.3	0.1	1.2
- Internal Injuries	860-869	1	0.2	0.0	1.2
- Open Wounds	870-897	3	0.6	0.2	2.2
- Other Injuries	900-999	6	0.8	0.3	1.7
Health Status/Health Serv Contact	V01-V82	1	0.3	0.0	2.1
- 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		441	69.7	63.1	77.1

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

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

Sandia 1999

## 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	7	2.4	1.1	5.0
Malignant Neoplasms	140-208, 230-234	13	3.5	2.0	6.0
- Digestive Organs	150-159	0	0	0	0
- Respiratory System	160-165	4	1.0	0.4	2.7
- Breast	174-175	7	1.8	0.9	3.8
- 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	17	5.9	3.6	9.8
Endocrine & Metabolic Diseases	240-279	9	3.3	1.7	6.5
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	14	4.8	2.8	8.1
- Alcoholism	303	2	0.6	0.2	2.7
- Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	30	10.9	7.5	15.9
Circulatory System	390-459	12	4.5	2.5	8.1
- Hypertension	401	1	0.3	0.0	1.8
- 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	2	0.8	0.2	3.0
Respiratory System	460-519	88	30.0	24.1	37.2
- Upper Respiratory	460-465, 470-478	36	11.9	8.5	16.6
- Pneumonia/Bronchitis	466, 480-487	26	9.8	6.6	14.8
- Chronic Respiratory Conditions	490-496	22	7.0	4.5	10.7
Digestive System	520-579	25	9.5	6.3	14.3
- Hernias	550-553	3	1.3	0.4	4.2
- Gallbladder Disease	574-575	6	2.3	1.0	5.2
Genitourinary System	580-629	36	13.3	9.5	18.7
- Endometriosis	617	1	0.4	0.1	2.8
- Ovarian Cysts	620.0-620.2	3	1.0	0.3	3.2
- Female Genital Pain/Bleeding	625-626	14	5.6	3.3	9.8
Pregnancy & Childbirth***	630-639	3	1.3	0.4	4.0
Skin & Subcutaneous Tissue	680-709	11	3.4	1.8	6.4
Musculoskeletal System	710-739	60	22.9	17.5	30.0
- Dorsopathies	720-724	9	3.8	1.9	7.5
Congenital Anomalies	740-759	6	2.1	1.0	4.8
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	22	7.6	4.8	11.8
Injury & Poisoning	800-999	44	15.0	11.0	20.4
- Fractures, All Sites	800-829	11	3.8	2.0	7.0
- Dislocations	830-839	14	5.0	2.9	8.7
- Sprains & Strains	840-848	12	4.1	2.3	7.4
- Intracranial Injuries	850-854	0	0	0	0
- Internal Injuries	860-869	0	0	0	0
- Open Wounds	870-897	5	1.6	0.7	3.9
- Other Injuries	900-999	2	0.5	0.1	2.0
Health Status/Health Serv Contact	V01-V82	12	4.5	2.5	8.0
- Family History of Health Problems	V10-V19	3	1.0	0.3	3.1
- Circumstances Reproduction/Develop	V20-V28	5	1.8	0.8	4.4
- Specific Procedure/Aftercare	V50-V59	2	0.9	0.2	3.9
<b>Total</b>		<b>409</b>	<b>144.7</b>	<b>130.7</b>	<b>160.2</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.

Sandia 1999

## 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	16	1.7	1.0	2.8
Malignant Neoplasms	140-208, 230-234	30	3.0	2.1	4.4
- Digestive Organs	150-159	6	0.7	0.3	1.7
- Respiratory System	160-165	6	0.5	0.2	1.1
- Breast	174-175	7	0.6	0.3	1.2
- Genitourinary	179-189	3	0.4	0.1	1.3
- Nervous System	191-192	0	0	0	0
- Leukemia, Lymphoma	200-208	2	0.2	0.0	0.7
Benign Neoplasms & Other	210-229, 235-239	21	2.2	1.4	3.4
Endocrine & Metabolic Diseases	240-279	17	1.7	1.0	2.8
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	23	2.3	1.5	3.5
- Alcoholism	303	3	0.3	0.1	1.0
- Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	57	5.9	4.5	7.8
Circulatory System	390-459	52	5.5	4.2	7.3
- Hypertension	401	3	0.3	0.1	0.9
- Acute Myocardial Infarction	410	7	0.7	0.3	1.5
- Ischemic Disease, not M.I.	411-414, 429.2	11	1.2	0.6	2.1
- Cerebrovascular Disease	430-438	4	0.4	0.2	1.1
Respiratory System	460-519	181	20.1	17.2	23.5
- Upper Respiratory	460-465, 470-478	79	8.7	6.9	11.0
- Pneumonia/Bronchitis	466, 480-487	53	5.9	4.4	7.9
- Chronic Respiratory Conditions	490-496	40	4.6	3.3	6.4
Digestive System	520-579	78	8.5	6.7	10.7
- Hernias	550-553	30	3.3	2.2	4.8
- Gallbladder Disease	574-575	9	1.1	0.5	2.1
Genitourinary System	580-629	44	4.9	3.6	6.7
- Benign Prostatic Hypertrophy	600	1	0.2	0.0	1.4
- Endometriosis	617	1	0.1	0.0	0.8
- Ovarian Cysts	620.0-620.2	3	0.3	0.1	0.9
- Female Genital Pain/Bleeding	625-626	14	1.7	1.0	3.0
Pregnancy & Childbirth***	630-639	3	0.4	0.1	1.5
Skin & Subcutaneous Tissue	680-709	18	2.1	1.3	3.5
Musculoskeletal System	710-739	126	14.7	12.2	17.7
- Dorsopathies	720-724	24	2.7	1.8	4.2
Congenital Anomalies	740-759	16	1.7	1.0	2.8
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	44	4.6	3.4	6.4
Injury & Poisoning	800-999	111	11.5	9.5	14.0
- Fractures, All Sites	800-829	25	2.6	1.7	4.0
- Dislocations	830-839	31	3.1	2.2	4.5
- Sprains & Strains	840-848	36	3.9	2.7	5.4
- Intracranial Injuries	850-854	2	0.2	0.0	0.8
- Internal Injuries	860-869	1	0.1	0.0	0.8
- Open Wounds	870-897	8	0.9	0.4	1.8
- Other Injuries	900-999	8	0.7	0.3	1.4
Health Status/Health Serv Contact	V01-V82	13	1.5	0.9	2.7
- Family History of Health Problems	V10-V19	3	0.3	0.1	0.9
- Circumstances Reproduction/Develop	V20-V28	5	0.6	0.2	1.4
- Specific Procedure/Aftercare	V50-V59	2	0.3	0.1	1.3
Total		850	92.5	86.1	99.3

\*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.

Sandia 1999

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

Diagnostic Category	Professional Staff 4,510 Person-Years				Support Staff 1,292 Person-Years				Clerical 484 Person-Years			
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *
All Diagnostic Categories	256	0.6	0.5	0.7	136	1.3	1.1	1.6	79	1.6	1.2	2.1
Infectious & Parasitic Diseases	9	0.9	0.3	2.6	3	0.9	0.3	3.4	2	1.2	0.2	6.2
Malignant Neoplasms	8	0.3	0.1	0.7	5	1.4	0.5	3.5	4	4.9	1.2	20.7
Benign & Uncertain Neoplasms	13	1.7	0.6	4.4	4	0.8	0.3	2.3	4	1.2	0.3	3.8
Endocrine/Metabolic/Immunity	4	0.3	0.1	1.0	5	2.1	0.7	6.1	2	1.1	0.3	5.0
Mental Disorders	8	0.7	0.3	1.9	4	1.3	0.4	4.3	4	3.0	1.0	8.7
Nervous System & Sense Organs	22	0.7	0.4	1.3	11	1.2	0.6	2.3	5	0.8	0.3	2.0
Circulatory System	23	0.5	0.3	0.9	12	1.6	0.8	3.0	7	3.3	1.2	9.0
Respiratory System	56	0.5	0.3	0.7	41	1.8	1.2	2.6	16	1.1	0.7	1.9
Digestive System	31	0.5	0.3	0.8	10	0.8	0.4	1.5	7	2.0	0.7	5.6
Genitourinary System	16	0.7	0.4	1.4	8	0.9	0.4	1.9	10	1.7	0.8	3.5
Skin & Subcutaneous Tissue	8	1.0	0.3	3.1	0				4	3.8	0.9	15.7
Musculoskeletal & Connective Tissue	50	0.7	0.5	1.0	22	1.1	0.7	1.8	13	1.3	0.7	2.5
Congenital Anomalies	6	0.4	0.1	1.1	7	3.3	1.2	8.7	1	0.7	0.1	6.7
Symptoms, Signs, & Ill-Defined Condition	18	0.6	0.3	1.1	7	0.9	0.4	2.0	7	2.1	0.8	5.6
Injury & Poisoning	37	0.5	0.3	0.7	19	1.1	0.7	1.9	15	2.2	1.2	4.2
- Dislocation	14	0.6	0.3	1.3	6	1.0	0.4	2.5	4	1.4	0.4	4.3
- Sprains & Strains-Back	1	0.1	0.01	0.6	4	2.1	0.6	6.7	4	7.1	1.4	37.3
- Sprains & Strains-Other	13	0.8	0.3	2.0	2	0.5	0.1	2.3	1	1.6	0.2	15.1

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Sandia 1999

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

Diagnostic Category	Crafts & Manual Labor 493 Person-Years				Security 127 Person-Years				Non-Regular 1,375 Person-Years				Total Persons 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	74	2.3	1.8	3.0	20	2.7	1.7	4.3	7	0.2	0.1	0.4	572
Infectious & Parasitic Diseases	2	2.3	0.5	11.0	0				0				16
Malignant Neoplasms	5	4.6	1.6	13.0	0				0				22
Benign & Uncertain Neoplasms	0				0				0				21
Endocrine/Metabolic/Immunity	2	2.8	0.6	12.5	1	7.9	0.8	75.3	0				14
Mental Disorders	0				0				0				16
Nervous System & Sense Organs	6	2.4	1.0	5.7	2	4.4	1.0	18.6	0				46
Circulatory System	6	1.7	0.7	4.2	0				0				48
Respiratory System	21	3.0	1.9	4.8	1	0.5	0.1	3.9	3	0.3	0.1	0.9	138
Digestive System	12	2.8	1.5	5.3	6	5.8	2.5	13.5	3	0.6	0.2	2.3	69
Genitourinary System	2	1.2	0.3	4.9	2	8.3	1.8	37.2	0				38
Skin & Subcutaneous Tissue	2	3.1	0.7	13.8	0				0				14
Musculoskeletal & Connective Tissue	8	1.4	0.6	2.9	7	6.4	2.9	14.0	1	0.2	0.04	1.1	101
Congenital Anomalies	0				2	9.3	1.9	44.4	0				16
Symptoms, Signs, & Ill-Defined Condition	6	3.1	1.3	7.5	2	3.7	0.9	15.4	0				40
Injury & Poisoning	11	2.1	1.1	4.0	8	7.0	3.3	14.9	1	0.2	0.03	0.8	91
- Dislocation	4	2.3	0.8	6.7	2	5.5	1.2	25.6	0				30
- Sprains & Strains- Back	1	1.5	0.2	13.3	1	9.5	1.1	81.9	0				11
- Sprains & Strains- Other	2	1.4	0.3	6.0	4	10.2	3.3	31.6	0				22

\* 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 0. 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	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 0. Sentinel Health Events for Occupations (SHE0)

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)

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## Appendix 0. Sentinel Health Events for Occupations (SHE0)

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					
	Age Group					Age Group					%
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total	Total
Job Category											
Professional Staff	0	5	7	3	15	1	6	11	15	33	48
Support Staff	0	2	8	8	18	0	3	6	8	17	35
Clerical	1	3	12	10	26	0	0	0	0	0	26
Crafts & Manual Labor	0	0	3	5	8	0	3	17	10	30	38
Security	1	0	3	0	4	0	4	4	3	11	15
Non-Regular	2	1	0	1	4	1	1	0	0	2	6
Total	4	11	33	27	75	2	17	38	36	93	168

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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
	Days	Days	Days
	# of , Restr- , Events, icted , Lost	# of , Restr- , Events, icted , Lost	# of , Restr- , Events, icted , Lost
Age Group			
	%	%	%
16 - 29	4, 0,	0, 2,	0, 1, 6, 0, 1,
30 - 39	11, 119,	1, 17,	270, 39, 28, 389, 40,
40 - 49	35, 248,	36, 39,	260, 34, 74, 508, 70,
50 +	27, 534,	51, 39,	684, 117, 66, 1218, 168,
Total	77, 901,	88, 97,	1214, 191, 174, 2115, 279,

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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, Lost	# of Events	Days, Restr- icted, Lost	# of Events	Days, Restr- icted, Lost
Job Category						
Professional Staff	16,	20,	0,	33,	18,	12,
Support Staff	18,	416,	38,	17,	122,	6,
Clerical	27,	233,	23,	0,	0,	0,
Crafts & Manual Labor	8,	115,	10,	34,	368,	62,
Security	4,	117,	17,	11,	706,	111,
Non- Regular	4,	0,	0,	2,	0,	0,
Total	77,	901,	88,	97,	1214,	191,

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OSHA Data

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

Diagnostic Category	Women					Men				
	Age Group					Age Group				
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total
MENTAL DISORDERS, ICD-9-CM Code 290-319	0	0	0	0	0	0	0	0	1	1
- Psychoses, 290-299	0	0	0	0	0	0	0	0	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS, ICD-9-CM Code 320-389	0	0	1	2	3	0	0	2	2	4
- Other Disorders of Central NS, 340-349	0	0	1	0	1	0	0	0	0	1
- Disorders of Eye, 360-379	0	0	0	2	2	0	0	1	2	3
- Dis of Ear & Mastoid, 380-389	0	0	0	0	0	0	0	1	0	1
RESPIRATORY SYSTEM, ICD-9-CM Code 460-519	0	0	1	0	1	0	0	1	0	1
- Chronic Obstructive Dis, 490-496	0	0	1	0	1	0	0	1	0	1
DIGESTIVE SYSTEM, ICD-9-CM Code 520-579	0	0	0	0	0	0	0	1	0	1
- Hernia, 550-553	0	0	0	0	0	0	0	1	0	1
SKIN & SUBCUTANEOUS TISSUE, ICD-9-CM Code 680-709	0	0	0	0	0	0	0	0	1	1
- Other Inflammatory Conditions, 690-698	0	0	0	0	0	0	0	0	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE, ICD-9-CM Code 710-739	4	10	40	11	65	0	10	18	21	49

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

(CONTINUED)

Sandia 1999

OSHA Data

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

Diagnostic Category	Women					Men				
	Age Group					Age Group				
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total
- Arthropathies, 710-719	3	7	22	6	38	0	6	7	8	21
- Dorsopathies, 720-724	0	1	11	4	16	0	0	3	9	12
- Rheumatism, 725-729										
Excluding Back	1	2	7	1	11	0	4	8	3	15
- Other Dis & Acquired Deformities, 730-739	0	0	0	0	0	0	0	0	1	1
Symptoms, 780-799	0	1	2	6	9	0	2	6	4	12
- Symptoms, 780-789	0	1	2	6	9	0	2	6	4	12
Injury & Poisoning, 800-999	3	13	39	31	86	2	15	46	48	111
- Fracture - Upper Limb, 810-819	0	0	0	2	2	0	0	1	4	5
- Fracture - Lower Limb, 820-829	0	0	1	2	3	0	0	2	1	3
- Sprains & Strains - Back, 846-847	0	2	7	2	11	1	2	5	9	17
- Sprains & Strains - Other, 840-845, 848	0	5	13	14	32	0	7	11	8	26
- Intracranial Injury, 850-854	0	0	0	0	0	0	0	0	1	1
- Open Wound - Head, Neck, Trunk, 870-879	0	0	1	1	2	0	2	1	0	3
- Open Wound - Upper Limb, 880-887	1	0	1	0	2	1	0	5	3	9

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

(CONTINUED)

Sandia 1999

OSHA Data

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

Diagnostic Category	Women					Men					Total
	Age Group					Age Group					
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total	
- Superficial Injury	0	0	1	0	1	0	0	0	3	3	4
- Contusion	0	0	1	2	3	0	1	7	4	12	15
- Foreign Body Entering Orifice	0	0	1	1	2	0	0	0	2	2	4
- Burns	0	0	0	0	0	1	2	1	4	4	
- Injury to Nerves & Spinal Cord	0	1	0	0	1	0	0	0	0	0	1
- Complications & Unspecified Injuries	2	5	12	5	24	0	2	10	11	23	47
- Toxic Effects - Nonmedicinal	0	0	1	1	2	0	0	0	1	1	3
- Unspecified Effects - External Causes	0	0	0	1	1	0	0	1	0	1	2
- Complications of Surgical/Medical Care	0	0	0	0	0	0	0	1	0	1	1
<b>Total</b>	<b>7</b>	<b>24</b>	<b>83</b>	<b>50</b>	<b>164</b>	<b>2</b>	<b>28</b>	<b>73</b>	<b>77</b>	<b>180</b>	<b>344</b>

\*Only those diagnostic categories 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									
	16 - 29	30 - 39	40 - 49	50 +					
Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,					
Diagnostic Category									
-Other	340-349								
Disorders of Central NS	0	0	0	0	0	0	0	0	0
-Disorders of Eye	0	0	0	0	0	0	0	0	0
-Chronic Obstructive Dis	0	0	0	0	0	0	0	0	0
-Arthropathies	0	0	28	0	97	0	25	6	
-Dorsopathies	0	0	0	0	3	10	301	18	
-Rheumatism	725-729								
Excluding Back	0	0	10	0	117	14	0	0	
-Symptoms	780-789	0	0	10	0	0	34	0	
-Fracture - Upper Limb	810-819	0	0	0	0	0	83	8	
-Fracture - Lower Limb	820-829	0	0	0	0	23	10	40	10
-Sprains & Strains - Back	846-847	0	0	0	0	3	7	0	1
-Sprains & Strains - Other	840-845, 848	0	0	10	0	53	2	377	31
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	5	2	9	0

\*OSHA events 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.

(CONTINUED)

Sandia 1999

OSHA Data

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

Women									
Age Group									
	16 - 29	30 - 39	40 - 49	50 +					
Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,					
Diagnostic Category									
- Open Wound - , 880- 887	0	0	0	0	0	0	0	0	0
- Superficial , 910- 919	0	0	0	0	0	0	0	0	0
- Contusion , 920- 924	0	0	0	0	0	0	11	1	
- Foreign Body, 930- 939									
- Entering Orifice	0	0	0	0	0	0	0	0	0
- Injury to Nerves & Spinal Cord	0	0	0	0	0	0	0	0	0
- Complications & Unspecified Injuries	0	0	95	1	27	0	49	10	
- Toxic Effects - Nonmedicinal	0	0	0	0	0	0	0	0	0
- Unspecified Effects - External Causes	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 with at least one occurrence appear in this table.

(CONTINUED)



Sandia 1999

OSHA Data

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

	Men				Women			
	Age Group							
	16 - 29	30 - 39	40 - 49	50 +	16 - 29	30 - 39	40 - 49	50 +
	Days	Days	Days	Days	Days	Days	Days	Days
	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-
	tri-	tri-	tri-	tri-	tri-	tri-	tri-	tri-
	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,
Diagnostic Category	ICD-9-CM Codes							
- Psychoses	290-299	0	0	0	0	0	0	38, 5
- Disorders of Eye	360-379	0	0	0	0	0	1	1, 0
- Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0, 0
- Chronic Obstructive Dis	490-496	0	0	0	0	0	0	0, 0
- Hernia	550-553	0	0	4	12	0	0	0, 0
- Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0, 0
- Arthropathies	710-719	0	0	121	0	52	7	352, 67
- Dorsopathies	720-724	0	0	0	0	12	0	185, 39
- Rheumatism, Excluding Back	725-729	0	0	112	0	41	10	5, 0
- Other Dis & Acquired Deformities	730-739	0	0	0	0	0	0	17, 0
- Symptoms	780-789	0	0	4	12	7	0	24, 0
- Fracture - Upper Limb	810-819	0	0	0	0	27	5	79, 5
- Fracture - Lower Limb	820-829	0	0	0	0	99	11	1, 1

\*OSHA events 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.

(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	Days	Days	Days	Res-	Res-	Res-	Res-	Days	Days
	cted, Lost	cted, Lost	cted, Lost	cted, Lost						
Diagnostic Category	ICD-9-CM Codes									
-Sprains & Strains - Back	0	1	1	0	27	1	190	42		
-Sprains & Strains - Other	0	0	264	39	142	3	384	69		
-Intracranial Injury	0	0	0	0	0	0	30	1		
-Open Wound - Head, Neck, Trunk	0	0	0	0	0	0	0	0		
-Open Wound - Upper Limb	0	0	0	0	0	0	17	0		
-Superficial Injury	0	0	0	0	0	0	0	0		
-Contusion	0	0	0	0	2	0	0	1		
-Foreign Body Entering Orifice	0	0	0	0	0	0	1	0		
-Burns	0	0	0	0	0	1	0	0		
-Complications & Unspecified Injuries	0	0	0	0	47	6	6	1		
-Toxic Effects - Nonmedicinal	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 with at least one occurrence appear in this table.

(CONTINUED)



Sandia 1999

OSHA Data

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

	Women					Men				
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total
Type of Accident										
Motor Vehicle, E810-E819										
Traffic	0	0	0	0	0	1	0	1	2	2
Motor Vehicle, E820-E825										
Nontraffic	0	0	0	0	0	0	0	1	1	1
Accidental, E860-E869										
Poisoning - Nonmedicinal	0	0	1	1	2	0	0	0	1	1
Surgical and Medical Procedures, E878-E879										
Procedures	0	0	0	0	0	0	0	1	0	1
Falls, E880-E888	0	3	7	13	23	0	1	8	9	18
Natural/Environmental Factors, E900-E909										
Factors	0	0	0	1	1	0	0	0	0	1
Submersion/Suffocation/Foreign Bodies, E910-E915										
Foreign Bodies	0	0	1	0	1	0	0	0	2	2
Other Accidents, E916-E928										
Accidents	4	8	27	12	51	2	16	33	25	76

\*Only those accident types 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				Women			
	Age Group							
	16 - 29	30 - 39	40 - 49	50 +	16 - 29	30 - 39	40 - 49	50 +
	Days	Days	Days	Days	Days	Days	Days	Days
	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-
	tri-	tri-	tri-	tri-	tri-	tri-	tri-	tri-
	cted	cted	cted	cted	cted	cted	cted	cted
Type of Accident	E Codes							
	%							
Motor Vehicle, E810-E819	0	0	0	0	0	0	0	0
Traffic	0	0	0	0	0	0	0	0
Motor Vehicle, E820-E825	0	0	0	0	0	0	31	0
Nontraffic	0	0	0	0	0	0	0	0
Accidental, E860-E869	0	0	0	0	0	0	0	0
Poisoning - Nonmedical	0	0	0	0	0	0	0	0
Surgical and Medical Procedures, E878-E879	0	0	0	0	0	0	0	0
Falls, E880-E888	0	0	0	0	85	2	423	75
Submersion/Suffocation/Foreign Bodies, E910-E915	0	0	0	0	0	0	1	0
Other Accidents, E916-E928	0	1	270	39	175	32	229	42

\*OSHA events with >1 E code in the same accident type were counted only once. Only those accident types 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						
	Job Category						
	Craf-	Prof-	essi-	Supp-	Manu-	Non-	
	onal	ort	Cler-	al	Secu-	Regu-	
	Staff	Staff	ical	Labor	rity	lar	Total
Diagnostic Category	ICD-9-CM Code						
NERVOUS	320-389						
SYSTEM (NS) & SENSE ORGANS		0	1	1	1	0	0
-Other	340-349						
Disorders of Central NS		0	1	0	0	0	0
-Disorders of Eye	360-379						
RESPIRATORY SYSTEM	460-519						
-Chronic Obstructive Dis		0	1	0	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739						
-Arthropathies	710-719						
es		11	9	9	5	2	2
-Dorsopathies	720-724						
Back		5	2	1	0	1	2
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	780-799						
-Symptoms	780-789						
INJURY & POISONING	800-999						
		15	23	34	8	2	4

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

(CONTINUED)





Sandia 1999

OSHA Data

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

	Women								
	Job Category								
	Craf-	Prof-	essi - , Supp-	Manu-	Non-	onal , ort , Cler-	al , Secu-	Regu-	Total
Diagnostic Category									
- Toxic	0	1	1	0	0	0	0	2	
- Unspecified									
External Causes	0	0	1	0	0	0	0	1	
Total	35	45	55	14	7	8	164		

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

(CONTINUED)

Sandia 1999

OSHA Data

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

	Men						
Diagnostic Category	ICD-9-CM Code						
MENTAL DISORDERS	290-319	0	0	1	0	0	1
- Psychoses	290-299	0	0	1	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389						
- Disorders of Eye	360-379	0	1	2	0	0	3
- Dis of Ear & Mastoid	380-389	1	0	0	0	0	1
RESPIRATORY SYSTEM	460-519	0	0	0	1	0	1
- Chronic Obstructive Dis	490-496	0	0	0	1	0	1
DIGESTIVE SYSTEM	520-579	0	0	0	1	0	1
- Hernia	550-553	0	0	0	1	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	1	0	0	1
- Other Inflammatory Conditions	690-698	0	0	1	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	24	10	10	5	0	49

\*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						
	Craf-	Prof-	ts &	essi -	Supp-	Manu-	Non-
	onal	ort	al	Secu-	Regu-		
	Staff	Staff	Labor	ity	lar	Total	
Diagnostic Category	ICD-9-CM Code						%
-Arthropathies, 710-719		9	6	3	3	0	21
-Dorsopathies, 720-724		6	2	4	0	0	12
-Rheumatism, 725-729							
Excluding Back		9	1	3	2	0	15
-Other Dis &, 730-739							
Acquired Deformities		0	1	0	0	0	1
SYMPTOMS, 780-799							
SIGNS, & ILL-DEFINED COND.,		4	1	2	5	0	12
-Symptoms, 780-789		4	1	2	5	0	12
INJURY & POISONING, 800-999		29	19	44	17	2	111
-Fracture - ,810-819		0	3	2	0	0	5
Upper Limb		1	0	1	1	0	3
-Fracture - ,820-829							
Lower Limb							
-Sprains & ,846-847							
Strains -							
Back		5	2	8	2	0	17
-Sprains & ,840-845, 848							
Strains -							
Other		1	6	10	9	0	26
-Intracranial, 850-854							
Injury		0	0	0	1	0	1

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

(CONTINUED)

Sandia 1999

OSHA Data

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

	Men					
Diagnostic Category	Job Category					
	Craft	Prof- essl	Supp- Manu- onal	Secu- Regu- Staff	Labor	Total
- Open Wound - , 870- 879	0	0	2	0	1	3
Head, Neck, Trunk						
- Open Wound - , 880- 887	3	2	3	0	1	9
Upper Limb						
- Superfi cial , 910- 919	2	0	1	0	0	3
Injury						
- Contusi on , 920- 924	3	1	6	2	0	12
- Foreign Body, 930- 939						
Entering Ori fi ce	0	1	1	0	0	2
- Burns , 940- 949	0	0	4	0	0	4
- Compli cati o- , 958- 959						
ns & Unspeci fi ed , Injuri es	13	4	6	0	0	23
- Toxic , 980- 989						
Effects - Nonmedi cinal	1	0	0	0	0	1
- Unspeci fi ed , 990- 995						
Effects - External Causes	0	0	0	1	0	1
- Complicatio- , 996- 999						
ns of Surgical /Med- ical Care	0	0	0	1	0	1
Total	58	31	60	29	2	180

S

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

Sandia 1999

OSHA Data

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

Women													
Job Category													
	Professi-	onal	Support	Staff	Clerical	Labor	Security	Regular	Non-	Manual	Crafts &	Res-	Res-
Diagnosti-	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
c Category	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,
-Other	340	349											
-Disorders of Central NS	0	0	0	0	0	0	0	0	0	0	0	0	0
-Disorders of Eye	0	0	0	0	0	0	0	0	0	0	0	0	0
-Chronic Obstructive Dis	0	0	0	0	0	0	0	0	0	0	0	0	0
-Arthropathies	20	0	4	0	28	0	98	6	0	0	0	0	0
-Dorsopathies	0	0	301	18	3	7	0	0	0	3	0	0	0
-Rheumatism													
-Excluding Back	10	0	0	0	0	0	0	0	117	14	0	0	0
-Symptoms	10	0	2	0	32	0	0	0	0	0	0	0	0
-Fracture - Upper Limb	0	0	83	8	0	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	0	0	23	10	40	10	0	0	0	0	0	0	0
-Sprains & Strains - Back	0	0	0	0	3	8	0	0	0	0	0	0	0
-Sprains & Strains - Other	10	0	306	20	36	4	88	9	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.

(CONTINUED)

Sandia 1999

OSHA Data

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

Women													
Job Category													
	Professi-	onal	Support	Staff	Crafts &	Manual	Non-	Staff	Staff	Clerical	Labor	Security	Regular
	Days,	Days,	Days,	Days,	Days,	Days,	Days,	Res-	Res-	Res-	Res-	Res-	Res-
	tri-	Days,	tri-	Days,	tri-	Days,	tri-	Days,	tri-	Days,	tri-	Days,	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,	cted,	Lost,
Diagnostic Category	ICD-9-CM Codes												
- Open Wound	870-879												
Head, Neck,													
Trunk		0	0	0	0	14	2	0	0	0	0	0	0
- Open Wound	880-887												
Upper Limb		0	0	0	0	0	0	0	0	0	0	0	0
- Superficial	910-919												
Injury		0	0	0	0	0	0	0	0	0	0	0	0
- Contusion	920-924												
		0	0	0	0	9	0	2	1	0	0	0	0
- Foreign Body	930-939												
Entering													
Orifice		0	0	0	0	0	0	0	0	0	0	0	0
- Injury to	950-957												
Nerves &													
Spinal Cord		0	0	0	0	0	0	0	0	0	0	0	0
- Complicatio-	958-959												
ns &													
Unspecified													
Injuries		0	0	4	0	167	11	0	0	0	0	0	0
- Toxic	980-989												
Effects -													
Nonmedicinal		0	0	0	0	0	0	0	0	0	0	0	0
- Unspecified	990-995												
Effects -													
External													
Causes		0	0	0	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.

(CONTINUED)

Sandia 1999

OSHA Data

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

	Men									
	Job Category									
	Professi-	on-	Support	Manual	Non-	Staff	Staff	Labor	Security	Regular
	Days,	Res-	tri-	Days,	Res-	tri-	Days,	Res-	tri-	Days,
	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									
- Psychoses	290-299	0	0	0	0	38	5	0	0	0
- Disorders of	360-379									
Eye		0	0	0	0	1	1	0	0	0
- Dis of Ear &	380-389									
Mastoid		0	0	0	0	0	0	0	0	0
- Chronic	490-496									
Obstructive										
Dis		0	0	0	0	0	0	0	0	0
- Hernia	550-553	0	0	0	0	0	0	4	12	0
- Other	690-698									
Inflammatory										
Conditions		0	0	0	0	0	0	0	0	0
- Arthropathi-	710-719									
es		0	0	49	6	16	0	460	68	0
- Dorsopathies	720-724	17	0	2	0	178	39	0	0	0
- Rheumatism	725-729									
Excluding										
Back		0	10	8	0	46	0	104	0	0
- Other Dis &	730-739									
Acquired										
Deformities		0	0	17	0	0	0	0	0	0
- Symptoms	780-789	7	0	17	0	7	0	4	12	0
- Fracture -	810-819									
Upper Limb		0	0	41	0	65	10	0	0	0

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

(CONTINUED)

Sandia 1999

OSHA Data

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

	Men									
	Job Category									
	Professi-	on-	Support	Manual	Non-	Staff	Staff	Labor	Security	Regular
	Days,	Res-	Days,	Res-	Days,	Res-	Days,	Res-	Days,	Res-
	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,
Diagnostic Category										
- Fracture - 820-829										
Lower Limb	1	1	0	0	32	9	67	2	0	0
- Sprains & Strains - Back										
Back	17	1	2	0	188	42	11	1	0	0
- Sprains & Strains - Other										
Other	0	0	19	0	65	0	706	111	0	0
- Intracranial Injury										
Injury	0	0	0	0	0	0	30	1	0	0
- Open Wound - Head, Neck, Trunk										
Head, Neck, Trunk	0	0	0	0	0	0	0	0	0	0
- Open Wound - Upper Limb										
Upper Limb	0	0	10	0	7	0	0	0	0	0
- Superficial Injury										
Injury	0	0	0	0	0	0	0	0	0	0
- Contusion										
Contusion	0	0	0	0	2	0	0	1	0	0
- Foreign Body Entering Orifice										
Entering Orifice	0	0	0	0	1	0	0	0	0	0
- Burns										
Burns	0	0	0	0	0	1	0	0	0	0
- Complications & Unspecified Injuries										
Complications & Unspecified Injuries	1	1	37	6	15	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.

(CONTINUED)



Sandia 1999

OSHA Data

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

	Men										
	Job Category										
	Professi-	onal	Support	Manual		Non-	Staff	Staff	Labor	Security	Regular
	Days,	Days,	Days,	Days,	Days,	Days,	Res-	Res-	Res-	Res-	Res-
	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										
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	0	0	0	0
-Complications of Surgical/Medical Care	996-999	0	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.

Sandia 1999

OSHA Data

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

	Women							
	Job Category							
	Craf-	Prof-	Manu-	Non-	Staff,	Staff,	Labor,	Regu-
	ical	ical	ality	ity	ity	ity	ity	ity
	Total	Total	Total	Total	Total	Total	Total	Total
Type of Accident	E CODES							
Accidental	E860-E869							
Poisoning - Nonmedicinal								
Falls	E880-E888							
Natural /Environmental Factors	E900-E909							
Submersion/Suffocation/Foreign Bodies	E910-E915							
Other Accidents	E916-E928							
		0	1	1	0	0	0	2
		2	11	6	3	1	0	23
		0	0	1	0	0	0	1
		0	0	0	1	0	0	1
		14	7	19	4	3	4	51

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

(CONTINUED)

Sandia 1999

OSHA Data

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

	Men						
Job Category							%
	Craf-	Prof-	ts &	essi -	Supp-	Manu-	Non-
	onal	ort	al	Secu-	Regu-		
	Staff	Staff	Labor	ity	lar	Total	
Type of Accident							%
Motor Vehicle, E810-E819	2	0	0	0	0	2	
Traffic							
Motor Vehicle, E820-E825	0	1	0	0	0	1	
Nontraffic							
Accidental, E860-E869							
Poisoning - Nonmedical	1	0	0	0	0	1	
Surgical and Medical Procedures, E878-E879	0	0	0	1	0	1	
Falls, E880-E888	3	2	8	5	0	18	
Submersion/Suffocation/Foreign Bodies, E910-E915	0	1	1	0	0	2	
Other Accidents, E916-E928	26	14	28	6	2	76	

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

Sandia 1999

OSHA Data

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

Women												
Job Category												
	Professional	Support	Manual	Non-Staff	Staff	Clerical	Labor	Security	Regular	Res-tri	Res-tri	Res-tri
Type of Accident	E Codes											
Accidental	E860-E869	0	0	0	0	0	0	0	0	0	0	0
Poisoning - Nonmedical		0	0	0	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	115	20	162	14	42	10	0	0	0
Natural/Environmental	E900-E909											
Factors		0	0	0	0	0	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915											
Other	E916-E928	20	0	301	18	71	9	73	0	117	17	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.

(CONTINUED)

Sandia 1999

OSHA Data

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

	Men										
	Job Category										
	Professi-	onal	Support	Manual	Crafts &	Non-	Staff	Staff	Labor	Security	Regular
	Days,	Days,	Days,	Days,	Days,	Days,	Res-	Res-	Res-	Res-	Res-
	tri-	Days,	tri-	Days,	tri-	Days,	tri-	Days,	tri-	Days,	tri-
	cted,	Lost,	cted,	Lost,	cted,	Lost,	cted,	Lost,	cted,	Lost,	cted,
Type of	E Codes										
Accident											
Motor Vehicle, E810-E819											
Traffic	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,
Motor Vehicle, E820-E825											
Nontraffic	0,	0,	31,	0,	0,	0,	0,	0,	0,	0,	0,
Accidental, E860-E869											
Poisoning -											
Nonmedical	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,
Surgical and, E878-E879											
Medical											
Procedures	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,
Falls, E880-E888	1,	1,	7,	0,	56,	5,	444,	71,	0,	0,	0,
Submersion/S-, E910-E915											
uffocation/F-											
oreign Bodies,	0,	0,	0,	0,	1,	0,	0,	0,	0,	0,	0,
Other, E916-E928											
Accidents	17,	11,	84,	6,	311,	57,	262,	40,	0,	0,	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.

Sandia 1999

OSHA DATA

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

Part 1. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Among Women by Job Category from 1993 to 1999

Rate per 1,000 Women

Women	Professional Staff			Support Staff			Clerical			Crafts & Manual Labor		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	12	28	65	12	21	38	47	72	110	78	203	526
1994	10	20	38	14	28	53	34	49	73	87	144	237
1995	14	27	54	18	27	40	36	59	97	92	156	264
1996	21	34	54	14	22	35	46	71	108	42	84	169
1997	11	17	26	18	28	42	37	68	122	115	189	310
1998	17	29	51	25	42	69	17	29	48	137	245	438
1999	15	21	30	41	55	75	69	100	145	87	147	250

Year	Security			Non-Regul ar			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	53	274	1413	<1	2	7	*	*	*
1994	26	137	719	3	9	24	*	*	*
1995	121	280	646	1	3	8	*	*	*
1996	56	167	492	4	13	43	0	0	0
1997	8	57	403	350	787	1767	0	0	0
1998	6	45	322	7	28	121	*	*	*
1999	285	789	2187	16	45	130	*	*	*

\*No workers in this category.

Part 2. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Among Men by Job Category from 1993 to 1999

Rate per 1,000 Men

Men	Professional Staff			Support Staff			Clerical			Crafts & Manual Labor		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	8	13	20	16	22	31	39	75	145	80	100	124
1994	4	7	13	17	27	41	25	54	118	62	121	237
1995	6	10	16	15	22	31	20	51	133	78	100	127
1996	11	19	31	14	21	32	6	24	96	152	270	481
1997	9	16	27	22	30	43	43	105	257	96	123	157
1998	10	17	28	29	46	71	62	331	1757	46	65	93
1999	10	15	24	20	30	43	0	0	0	81	108	144

Year	Security			Non-Regul ar			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	73	128	223	1	4	10	*	*	*
1994	49	102	213	<1	1	6	*	*	*
1995	96	179	332	1	3	8	*	*	*
1996	42	78	147	3	10	34	<1	2	16
1997	17	39	88	40	281	1996	<1	4	25
1998	75	129	222	4	9	18	*	*	*
1999	128	189	278	<1	2	11	*	*	*

\*No workers in this category.

(CONTINUED)

Sandia 1999

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 1993 to 1999

Rate per 1,000

Year	Injury Men			Injury Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1993	16	20	24	18	24	31
1994	13	16	20	18	23	30
1995	16	20	25	16	22	28
1996	17	22	28	18	24	31
1997	17	20	24	28	39	56
1998	17	21	25	21	27	34
1999	14	18	21	23	29	36

Sandia 1999

## 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	1	0.3	0.0	2.1
- Alcoholism	303	0	0	0	0
- Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	4	0.5	0.2	1.4
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	0.1	0.0	0.8
- Upper Respiratory	460-465, 470-478	0	0	0	0
- Pneumonia/Bronchitis	466, 480-487	0	0	0	0
- Chronic Respiratory Conditions	490-496	1	0.1	0.0	0.8
Digestive System	520-579	1	0.2	0.0	1.2
- Hernias	550-553	1	0.2	0.0	1.2
- 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	0.1	0.0	1.0
Musculoskeletal System	710-739	49	6.9	5.2	9.3
- Dorsopathies	720-724	12	1.6	0.9	2.9
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	12	1.8	1.0	3.2
Injury & Poisoning	800-999	111	17.5	14.4	21.4
- Fractures, All Sites	800-829	8	1.5	0.7	3.3
- Dislocations	830-839	0	0	0	0
- Sprains & Strains	840-848	43	6.5	4.7	8.9
- Intracranial Injuries	850-854	1	0.1	0.0	1.0
- Internal Injuries	860-869	0	0	0	0
- Open Wounds	870-897	12	1.8	1.0	3.4
- Other Injuries	900-999	47	7.5	5.5	10.2
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>180</b>	<b>27.5</b>	<b>23.6</b>	<b>32.1</b>

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

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



Sandia 1999

## 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	3	1.2	0.4	4.1
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	1.8
- Upper Respiratory	460-465, 470-478	0	0	0	0
- Pneumonia/Bronchitis	466, 480-487	0	0	0	0
- Chronic Respiratory Conditions	490-496	1	0.3	0.0	1.8
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	65	20.2	15.7	25.9
- Dorsopathies	720-724	16	4.7	2.8	7.7
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	9	3.1	1.6	6.0
Injury & Poisoning	800-999	86	29.0	23.3	36.1
- Fractures, All Sites	800-829	5	1.7	0.7	4.2
- Dislocations	830-839	0	0	0	0
- Sprains & Strains	840-848	43	14.5	10.6	19.8
- Intracranial Injuries	850-854	0	0	0	0
- Internal Injuries	860-869	0	0	0	0
- Open Wounds	870-897	4	1.4	0.5	3.8
- Other Injuries	900-999	34	11.4	8.0	16.1
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>164</b>	<b>53.8</b>	<b>45.9</b>	<b>63.0</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 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	1	0.2	0.0	1.4
- Alcoholism	303	0	0	0	0
- Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	7	0.7	0.3	1.7
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	2	0.2	0.0	0.6
- Upper Respiratory	460-465, 470-478	0	0	0	0
- Pneumonia/Bronchitis	466, 480-487	0	0	0	0
- Chronic Respiratory Conditions	490-496	2	0.2	0.0	0.6
Digestive System	520-579	1	0.1	0.0	0.8
- Hernias	550-553	1	0.1	0.0	0.8
- Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
- Benign Prostatic Hypertrophy	600	0	0	0	0
- 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	0.1	0.0	0.7
Musculoskeletal System	710-739	114	11.3	9.3	13.6
- Dorsopathies	720-724	28	2.6	1.8	3.7
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	21	2.1	1.4	3.3
Injury & Poisoning	800-999	197	21.0	18.1	24.3
- Fractures, All Sites	800-829	13	1.5	0.9	2.8
- Dislocations	830-839	0	0	0	0
- Sprains & Strains	840-848	86	8.9	7.1	11.1
- Intracranial Injuries	850-854	1	0.1	0.0	0.7
- Internal Injuries	860-869	0	0	0	0
- Open Wounds	870-897	16	1.7	1.0	2.9
- Other Injuries	900-999	81	8.8	6.9	11.0
Health Status/Health Serv Contact	V01-V82	0	0	0	0
- Family History of Health Problems	V10-V19	0	0	0	0
- Circumstances Reproduction/Develop	V20-V28	0	0	0	0
- Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		<b>344</b>	<b>35.7</b>	<b>32.0</b>	<b>39.9</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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OSHA Data

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

Diagnostic Category	Professional Staff 4,510 Person-Years				Support Staff 1,292 Person-Years				Clerical 484 Person-Years			
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *
All Diagnostic Categories	48	0.3	0.2	0.4	35	1.1	0.8	1.6	26	1.9	1.2	3.1
Musculoskeletal & Connective Tissue	26	0.4	0.2	0.6	16	1.1	0.7	2.0	9	1.3	0.6	2.7
Symptoms, Signs, & Ill- Defined Condition	5	0.2	0.1	0.8	4	1.3	0.4	4.1	3	2.4	0.5	12.9
Injury & Poisoning	36	0.2	0.2	0.3	31	1.2	0.8	1.7	24	2.1	1.3	3.5
- Sprains & Strains-Back	8	0.4	0.2	0.8	4	0.9	0.3	2.8	4	2.9	0.8	10.7
- Sprains & Strains-Other	7	0.1	0.1	0.3	14	1.4	0.8	2.6	9	1.6	0.7	3.5
- Open Wound-Upper Limb	4	0.4	0.1	1.3	2	1.3	0.3	6.1	1	3.7	0.5	26.9
- Contusion	3	0.1	0.03	0.5	1	0.4	0.05	2.6	2	3.8	0.5	30.0
- Complications & Unspecified Injuries	13	0.4	0.2	0.8	6	0.8	0.3	1.9	10	4.4	1.8	11.1

Diagnostic Category	Crafts & Manual Labor 493 Person-Years				Security 127 Person-Years				Non-Regular 1,375 Person-Years				Total Pers ons with 1+ Even t
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI***	Upp er 95% CI** *	
All Diagnostic Categories	38	4.9	3.3	7.1	15	7.6	4.4	13.1	6	0.4	0.2	1.1	168
Musculoskeletal & Connective Tissue	13	3.7	2.0	6.8	8	9.3	4.4	19.6	3	0.4	0.1	1.8	75
Symptoms, Signs, & Ill- Defined Condition	2	2.0	0.4	9.5	3	19.0	4.7	76.1	0				17
Injury & Poisoning	36	5.5	3.7	8.2	12	7.3	3.9	13.3	5	0.5	0.2	1.2	144
- Sprains & Strains-Back	5	4.7	1.6	13.7	2	7.6	1.6	35.5	0				23
- Sprains & Strains-Other	12	5.6	2.8	11.0	10	22.9	10.6	49.6	0				52
- Open Wound-Upper Limb	3	5.0	1.2	20.6	0				1	0.2	0.007	4.3	11
- Contusion	6	8.6	3.0	24.7	2	10.7	2.4	48.0	0				14
- Complications & Unspecified Injuries	4	2.1	0.7	6.3	1	2.4	0.3	16.6	3	1.1	0.3	3.6	37

\* 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