

SUPPORTING TABLES

SANDIA NATIONAL LABORATORY--ALBUQUERQUE: 1998

SANDIA 1998

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

	Women					Men				
	Age Group					Age Group				
	16 -	30 -	40 -		Total	16 -	30 -	40 -		Total
Professional										
Staff	56	334	446	225	1061	102	965	1292	1164	3523
Support Staff	35	128	225	179	567	18	193	311	235	757
Clerical	22	66	170	189	447	1	5	13	27	46
Crafts and Manual Labor	5	12	26	28	71	11	75	197	141	424
Security	0	6	5	0	11	2	45	33	22	102
Non-Regular	457	33	33	12	535	595	103	23	9	730
Total	575	579	905	633	2692	729	1386	1869	1598	5582

SANDIA 1998

Appendix B. Most Common Job Titles in Each Job Category

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

(CONTINUED)

SANDIA 1998

Appendix B. Most Common Job Titles in Each Job Category

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

(CONTINUED)

SANDIA 1998

Appendix B. Most Common Job Titles in Each Job Category

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

SANDIA 1998

Appendix C. Work Force Demographics

Part 1. Percentage of Men in Different Age Groups from 1993 to 1998

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

Part 2. Percentage of Women in Different Age Groups from 1993 to 1998

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

Part 3. Percentage of Men in Different Occupational Groups from 1993 to 1998

Year	Professional Staff	Support Staff	Clerical	Crafts and Manual Labor	Security	Non-Regular	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

*No workers in category prior to 1996

Part 4. Percentage of Women in Different Occupational Groups from 1993 to 1998

Year	Professional Staff	Support Staff	Clerical	Crafts and Manual Labor	Security	Non-Regular	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

*No workers in category prior to 1996

SANDIA 1998

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
	29	39	49	50 +	Total	29	39	49	50 +	Total
Job Category										
Professional										
Staff	1	14	38	27	80	3	34	57	67	161
Support Staff	3	8	31	28	70	0	12	21	33	66
Clerical	2	6	15	20	43	0	0	1	4	5
Crafts and Manual Labor	0	0	4	9	13	0	9	24	17	50
Security	0	1	0	0	1	1	6	9	0	16
Total	6	29	88	84	207	4	61	112	121	298

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

SANDIA 1998

Appendix E. Total Number of Absences 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	1	18	44	35	98	3	36	64	72	175
Support Staff	3	10	34	29	76	0	12	21	38	71
Clerical	2	7	19	24	52	0	0	1	6	7
Crafts and Manual Labor	0	0	5	10	15	0	9	32	20	61
Security	0	2	0	0	2	1	8	9	0	18
Total	6	37	102	98	243	4	65	127	136	332

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

SANDIA 1998

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 -			16 -	30 -	40 -		
	29	39	49	50 +	Total	29	39	49	50 +	Total
# of Calendar Days										
< 15	6	23	52	49	130	3	45	64	73	185
15 - 28	0	6	27	21	54	1	14	31	24	70
29 - 42	0	2	11	17	30	0	4	9	11	24
43 - 56	0	4	7	6	17	0	1	11	6	18
57 - 91	0	1	4	3	8	0	1	7	12	20
92 - 182	0	1	1	2	4	0	0	4	6	10
183 +	0	0	0	0	0	0	0	1	4	5
Total	6	37	102	98	243	4	65	127	136	332

SANDIA 1998

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

	Women					Men					
	Age Group					Age Group					
	16 -	30 -	40 -	Tot-		16 -	30 -	40 -	Tot-		Tot-
	29	39	49	50 +	al	29	39	49	50 +	al	al
Diagn-, ICD-9-											
ostic ,CM											
Categ-, Code											
ory											
INFE- ,001-											
TIOUS ,139											
&											
PARAS-											
ITIC											
DISEA-											
SES											
(DIS)	0	3	5	2	10	1	3	7	11	22	32
-Inte-,001-											
stinal,009											
Infec-											
tious											
Dis	0	1	1	0	2	0	0	1	0	1	3
-Other,030-											
Bacte-,041											
rial											
Dis	0	1	1	0	2	0	0	2	3	5	7
-Polio,045-											
& ,049											
Other											
Viral											
CNS											
Dis	0	0	0	0	0	0	0	0	1	0	1
-Viral,050-											
Dis ,057											
with											
Exant-											
hem	0	0	1	0	1	0	0	1	0	1	2
-Other,070-											
Viral ,079											
Dis &											
Chlam-											
ydiae	0	0	2	2	4	1	2	1	5	9	13

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

(CONTINUED)

SANDIA 1998

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

	Women					Men					
	Age Group					Age Group					
	16 -	30 -	40 -	Tot-	al	16 -	30 -	40 -	Tot-	Tot-	
	29	39	49	50 +	al	29	39	49	50 +	al	al
Diagn-, ICD-9-											
ostic ,CM											
Categ-, Code											
ory											
- Rick-, 080-											
ettsi-, 088											
oses &											
Other											
Arthr-											
opod	0	0	0	0	0	0	0	0	0	2	2
- Myco-, 110-											
ses ,118	0	0	0	0	0	0	0	0	1	1	2
- Other, 130-											
Infec-, 136											
tions											
&											
Paras-											
itic											
Dis	0	1	0	0	1	0	1	0	0	1	2
MALIG-, 140-											
NANT ,208,											
NEOPL-, 230-											
ASMS ,234	0	3	1	6	10	0	0	2	16	18	28
- Lip, ,140-											
Oral ,149											
Cavit-											
y,											
Phary-											
nx	0	0	0	0	0	0	0	0	1	1	1
- Dige-, 150-											
stive ,159											
&											
Perit-											
oneal	0	0	0	0	0	0	0	1	1	2	2
- Bone-, 170-											
Conne-, 173,											
ctive ,176											
Tissu-											
e,											
Skin	0	0	0	1	1	0	0	0	0	0	1

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

(CONTINUED)

SANDIA 1998

Appendix H. Number of Diagnoses 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
Diagn-, ICD-9-										
ostic ,CM										
Categ-, Code										
ory										
-Brea-, 174-										
st ,175	0	3	0	2	5	0	0	0	0	5
-Geni-, 179-										
touri-, 189										
nary	0	0	0	2	2	0	0	0	5	7
-Other, 190,										
& ,193-										
Unspe-, 199										
cified,										
Sites	0	0	1	0	1	0	0	1	3	4
-Lymph-, 200-										
hatic ,208										
&										
Hemat-										
opoie-										
tic	0	0	0	0	0	0	0	0	6	6
-Carc-, 230-										
inoma ,234										
in										
situ	0	0	0	1	1	0	0	0	0	1
BENIGN, 210-										
& ,229,										
UNCER-, 235-										
TAIN ,239										
NEOPL-										
ASMS	0	1	5	6	12	0	0	0	1	13
ENDOC-, 240-										
RINE/-, 279										
METAB-										
OLIC/-,										
IMMUN-										
ITY	1	0	1	0	2	0	2	5	4	11

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

(CONTINUED)

SANDIA 1998

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

	Women					Men				
	Age Group					Age Group				
	16 -	30 -	40 -	Tot-	al	16 -	30 -	40 -	Tot-	al
	29	39	49	50 +		29	39	49	50 +	
Diagn-, ICD-9-										
ostic ,CM										
Categ-, Code										
ory										
-Thyr-, 240-										
oid , 246										
Gland										
Di sor-										
ders ,	0,	0,	1,	0,	1,	0,	1,	0,	2,	3,
-Other, 250-										
Endoc-, 259										
rine										
Gland										
Dis	1,	0,	0,	0,	1,	0,	1,	1,	1,	3,
-Other, 270-										
Metab-, 279										
olic &										
Immun-										
ity										
Di sor-										
ders ,	0,	0,	0,	0,	0,	0,	0,	0,	4,	1,
BLOOD , 280-										
& , 289										
BLOOD-										
FORM-										
NG										
ORGANS,	0,	1,	1,	1,	3,	0,	0,	0,	1,	1,
MENTAL, 290-										
DISOR-, 319										
TERS ,	0,	9,	12,	11,	32,	0,	4,	10,	3,	17,
-Psync-, 290-										
hoses , 299	0,	3,	4,	1,	8,	0,	1,	5,	1,	7,
-Non- , 300-										
Psych-, 302,										
otic , 306-										
Di sor-, 316										
ders ,	0,	6,	7,	10,	23,	0,	3,	5,	1,	9,

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

(CONTINUED)

SANDIA 1998

Appendix H. Number of Diagnoses 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
Diagn-, ICD-9-										
ostic ,CM										
Categ-, Code										
ory										
- Alco-, 303										
Depen-,										
dence ,	0	0	1	0	1	0	0	0	0	0
- Drug , 304-										
Depen-, 305										
dence ,	0	0	0	0	0	0	0	0	1	1
NERVO-, 320-										
US , 389										
SYSTEM										
(NS) &										
SENSE										
ORGANS,	0	4	8	7	19	0	6	7	16	29
- Infl-, 320-										
amat-, 326										
ory										
Dis of,										
Centr-,										
al NS ,	0	0	0	0	0	0	1	0	0	1
- Other, 340-										
Disor-, 349										
ders										
of										
Centr-,										
al NS ,	0	1	2	0	3	0	0	1	2	3
- Di so-, 350-										
rders , 359										
of										
Perip-,										
heral										
NS ,	0	2	1	3	6	0	1	1	1	3
- Di so-, 360-										
rders , 379										
of Eye,	0	1	2	3	6	0	2	3	12	17

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

(CONTINUED)

SANDIA 1998

Appendix H. Number of Diagnoses 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
Diagn-, ICD-9-										
ostic ,CM										
Categ-, Code										
ory										
- Dis ,380-										
of Ear, 389										
&										
Masto-										
id	0	0	3	1	4	0	2	2	1	5
CIRCU-, 390-										
LATORY, 459										
SYSTEM	0	0	3	10	13	0	4	12	18	34
- Chro-, 393-										
nic ,398										
Rheum-										
atic										
Heart										
Dis	0	0	0	1	1	0	0	0	0	1
- Hype-, 401-										
rtens-, 405										
ive										
Dis	0	0	0	2	2	0	0	0	1	3
- Isch-, 410-										
emic ,414										
Heart										
Dis	0	0	0	1	1	0	0	4	10	14
- Dis ,415-										
of ,417										
Pulmo-										
nary										
Circu-										
lation,	0	0	0	1	1	0	0	0	0	1
- Other, 420-										
Heart ,429										
Dis	0	0	0	2	2	0	0	1	1	2
- Cere-, 430-										
brova-, 438										
scular,										
Dis	0	0	0	0	0	0	0	1	1	2

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

(CONTINUED)

SANDIA 1998

Appendix H. Number of Diagnoses 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
Diagn- ICD-9-										
ostic CM										
Categ- Code										
ory										
- Dis ,440-										
of ,448										
Arter-										
ies &										
Capil-										
laries,	0	0	0	0	0	0	0	0	2	0
- Dis ,451-										
of ,459										
Veins,										
Lymph-										
atics,										
Other	0	0	3	3	6	0	4	4	5	13
RESPI- 460-										
RATORY 519										
SYSTEM	0	9	33	22	64	0	19	23	20	62
- Acute, 460-										
Respi- 466										
ratory,										
Infec-										
tions	0	3	6	5	14	0	5	3	4	12
- Other, 470-										
Dis 478										
Upper										
Respi-										
ratory,										
Tract	0	4	13	5	22	0	9	14	7	30
- Pneu- 480-										
monia 487										
&										
Influ-										
enza	0	1	2	4	7	0	2	1	4	7
- Chro- 490-										
nic 496										
Obstr-										
uctive,										
Dis	0	1	10	8	19	0	3	3	4	10

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

(CONTINUED)

SANDIA 1998

Appendix H. Number of Diagnoses 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
Diagn-, ICD-9-										
ostic ,CM										
Categ-, Code										
ory										
-Other, 510-										
Respi-, 519										
ratory,										
Dis	0	0	2	0	2	0	0	2	1	3
DIGES-, 520-										
TIVE ,579										
SYSTEM	2	7	14	10	33	0	13	26	33	72
-Oral ,520-										
Cavit-, 529										
y,										
Saliva,										
Gland-,										
s, Jaw,	1	1	2	0	4	0	0	0	2	2
-Esop-, 530-										
hagus, ,537										
Stoma-,										
ch,										
Duode-,										
num	0	0	2	0	2	0	0	4	1	5
-Appe-, 540-										
ndi ci-, 543										
tis	1	0	1	0	2	0	4	0	1	5
-Hern-, 550-										
ia ,553	0	0	1	0	1	0	4	14	11	29
-Ente-, 555-										
ritis, 558										
Colit-,										
is	0	0	1	0	1	0	3	4	1	8
-Other, 560-										
Intes-, 569										
tinal										
Dis	0	0	3	4	7	0	1	4	9	14

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

(CONTINUED)

SANDIA 1998

Appendix H. Number of Diagnoses 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
Diagn- , ICD-9-										
ostic , CM										
Categ- , Code										
ory										
-Other, 570-										
Diges- , 579										
tive										
Dis	0	6	4	6	16	0	1	0	8	9
GENIT- , 580-										
OURIN- , 629										
ARY										
SYSTEM	0	6	26	16	48	0	5	3	5	13
-Other, 590-										
Urina- , 599										
ry Dis,	0	0	1	2	3	0	3	3	4	10
- Male , 600-										
Geni t- , 608										
al										
Organ ,										
Dis	0	0	0	0	0	0	2	0	1	3
- Brea- , 610-										
st , 611										
Di sor-										
ders ,	0	1	1	1	3	0	0	0	0	0
- Pelv- , 614-										
ic , 616										
Infla-										
mmato-										
ry Dis,	0	0	3	0	3	0	0	0	0	0
- Other, 617-										
Female, 629										
Di sor-										
ders ,	0	5	21	13	39	0	0	0	0	0
SKIN & , 680-										
SUBCU- , 709										
TANEO-										
US										
TISSUE,	0	0	2	2	4	0	3	3	7	13

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

(CONTINUED)

SANDIA 1998

Appendix H. Number of Diagnoses 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
Diagn-, ICD-9-										
ostic ,CM										
Categ-, Code										
ory										
- Infe-, 680-										
ctions, 686	0	0	0	1	1	0	1	2	4	7
- Other, 690-										
Infla-, 698										
mmato-										
ry										
Condi-										
tions	0	0	2	0	2	0	1	0	0	1
- Other, 700-										
, 709	0	0	0	1	1	0	1	1	3	5
MUSCU-, 710-										
LOSKE-, 739										
LETAL										
&										
CONNE-										
CTIVE										
TISSUE,	2	6	18	16	42	3	14	28	26	71
- Arth-, 710-										
ropat-, 719										
hies	0	2	4	6	12	2	6	11	9	28
- Dors-, 720-										
opath-, 724										
ies	0	2	5	1	8	1	6	10	10	27
- Rheu-, 725-										
matiss-, 729										
m										
Exclu-										
ding										
Back	1	2	7	7	17	0	0	2	5	7
- Other, 730-										
Dis & , 739										
Acqui-										
red										
Deform-										
mities,	1	0	2	2	5	0	2	5	2	9

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

(CONTINUED)

SANDIA 1998

Appendix H. Number of Diagnoses 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
Diagn-, ICD-9-										
ostic ,CM										
Categ-, Code										
ory										
CONGE-, 740-										
NITAL ,759										
ANOMA-										
LIES	0	2	0	1	3	0	0	2	1	3
SYMPT-, 780-										
OMS, ,799										
SIGNS,										
& ILL-										
DEFIN-										
ED										
COND.	2	2	6	8	18	0	9	13	12	34
- Symp-, 780-										
toms ,789	2	2	6	6	16	0	9	13	10	32
- Non- ,790-										
Speci-, 796										
fi c										
Abnor-										
mal										
Fi ndi-										
ngs	0	0	0	1	1	0	0	0	1	1
- Ill- ,797-										
Defin-, 799										
ed &										
Unkno-										
wn										
Causes,	0	0	0	1	1	0	0	0	1	1
INJURY, 800-										
AND ,999										
POISO-										
NING	0	4	19	20	43	1	10	33	25	69
- Frac-, 800-										
ture -, 804										
Skull	0	0	0	0	0	1	0	0	0	1

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

(CONTINUED)

SANDIA 1998

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

	Women					Men				
	Age Group					Age Group				
	16 -	30 -	40 -	Tot-	al	16 -	30 -	40 -	Tot-	Tot-
	29	39	49	50 +		29	39	49	50 +	al
Diagn-, ICD-9-										
ostic ,CM										
Categ-, Code										
ory										
-Frac-, 805-										
ture -, 809										
Neck,										
Trunk,	0,	0,	0,	1,	1,	0,	1,	2,	1,	4,
-Frac-, 810-										
ture -, 819										
Upper,										
Limb,	0,	1,	2,	0,	3,	0,	0,	3,	0,	3,
-Frac-, 820-										
ture -, 829										
Lower,										
Limb,	0,	0,	3,	5,	8,	0,	1,	6,	6,	13,
-Disl-, 830-										
ocati-, 839										
on,	0,	1,	4,	7,	12,	0,	1,	6,	7,	14,
-Spra-, 846-										
ins & , 847										
Strai-										
ns -										
Back,	0,	0,	2,	1,	3,	0,	0,	3,	2,	5,
-Spra-, 840-										
ins & , 845,										
Strai-, 848										
ns -										
Other,	0,	1,	8,	2,	11,	0,	3,	9,	5,	17,
-Open , 880-										
Wound , 887										
Upper,										
Limb,	0,	0,	0,	0,	0,	0,	0,	1,	0,	1,
-Open , 890-										
Wound , 897										
Lower,										
Limb,	0,	0,	0,	0,	0,	0,	0,	2,	0,	2,

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

(CONTINUED)

SANDIA 1998

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

	Women					Men					
											%
	Age Group					Age Group					
	16 -	30 -	40 -	Tot-	al	16 -	30 -	40 -	Tot-	Tot-	
	29	39	49	50 +	al	29	39	49	50 +	al	al
Diagn-, ICD-9-											
ostic ,CM											
Categ-, Code											
ory											
-Supe-, 910-											
rifici-, 919											
al											
Injury,	0,	0,	0,	0,	0,	0,	0,	0,	0,	1,	1, 1,
-Cont-, 920-											
usion ,924	0,	0,	0,	1,	1,	0,	0,	1,	2,	3,	4,
-Burns, 940-											
, 949	0,	0,	0,	0,	0,	0,	3,	0,	0,	3,	3,
-Inju-, 950-											
ry to ,957											
Nerves,											
&											
Spinal,											
Cord	0,	0,	0,	0,	0,	0,	1,	0,	0,	1,	1,
-Unsp-, 990-											
eci fi-, 995											
ed											
Effec-,											
ts -											
Exter-,											
nal											
Causes,	0,	1,	0,	2,	3,	0,	0,	0,	0,	0,	3,
-Comp-, 996-											
licat-, 999											
ions											
of											
Surgi-,											
cal /M-											
edical,											
Care	0,	0,	0,	1,	1,	0,	0,	0,	1,	1,	2,
HEALTH, V01-											
STATU-, V82											
S/HEA-											
LTH											
SERVI-,											
CE											
CONTA-,											
CT	0,	0,	1,	0,	1,	0,	1,	0,	5,	6,	7,

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

(CONTINUED)

SANDIA 1998

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

	Women					Men					
	Age Group					Age Group					
	16 -	30 -	40 -	Tot-	al	16 -	30 -	40 -	Tot-	al	
	29	39	49	50 +		29	39	49	50 +		
Diagn-, ICD-9-											
ostic ,CM											
Categ-, Code											
ory											
- Heal-, V20-											
th ,V29											
Servi-											
ces											
Repro-											
ducti-											
on/De-											
velop-											
ment	0	0	0	0	0	1	0	0	1	1	
- Spec-, V50-											
ific ,V59											
Proce-											
dures-											
/Afte-											
rcare	0	0	1	0	1	0	0	0	5	5	6
Total	7	57	155	138	357	5	93	174	204	476	833

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

SANDIA 1998

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	
Diagnos- tic Category, Infecti- ons/Par- asites	0	23	58	16	97	14	67	96	105	282	379
Cancers	0	32	15	213	260	0	0	83	565	648	908
Benign Growths	0	32	203	173	408	0	0	0	13	13	421
Endocri- ne/Meta- bolic	8	0	19	0	27	0	37	71	105	213	240
Blood	0	8	35	11	54	0	0	0	227	227	281
Mental	0	124	385	191	700	0	71	287	179	537	1237
Nervous System	0	88	130	105	323	0	72	362	1051	1485	1808
Heart/C- irculat- ory	0	0	42	87	129	0	31	289	953	1273	1402
Respira- tory	0	48	304	229	581	0	149	249	201	599	1180
Digesti- ve	23	77	183	128	411	0	147	433	735	1315	1726
Genitou- rinary	0	74	562	359	995	0	29	48	65	142	1137
Skin	0	0	56	27	83	0	106	65	70	241	324
Muscles and Skeleton	23	260	321	452	1056	24	278	1155	927	2384	3440
Existing Birth Condi ti- on	0	49	0	21	70	0	0	166	73	239	309

*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 1998

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-	al	16 -	30 -	40 -	Tot-	al
Diagnos-										
tic										
Category,										
Unspeci-										
fied										
Symptoms,	7,	43,	149,	103,	302,	0,	178,	355,	573,	1106, 1408,
Injury	0,	91,	264,	464,	819,	7,	230,	609,	431,	1277, 2096,

*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 1998

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

	Men	Women	Total
Diagnostic Category			
ICD-9-CM Code			
INFECTIOUS & PARASITIC DISEASES (DIS)			
- Intestinal Infectious Dis	4	2	3
- Other Bacterial Dis	0	1	0
- Viral Dis with Exanthem	1	0	0
- Other Viral Dis & Chlamydiae	2	1	1
- Other Infections & Parasitic Dis	0	0	1
MALIGNANT NEOPLASMS			
- Bone, Connective Tissue, Skin	4	4	2
- Breast	0	1	0
- Genitourinary	3	2	0
- Other & Unspecified Sites	0	0	1
- Carcinoma in situ	1	0	0

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

(CONTINUED)

SANDIA 1998

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

Diagnostic Category	Women						
	Prof- essi-	Supp- Manu-	onal ort	Cler- al	Secu- Staff	Staff ical	Labor rity
BENIGN & UNCERTAIN	210	229	235	239	239	239	239
NEOPLASMS	4	8	0	0	0	0	12
ENDOCRINE/ME- TABOLIC/IMMU- NITY	0	1	1	0	0	0	2
-Thyroid Gland Disorders	0	0	1	0	0	0	1
-Other Endocrine Gland Dis	0	1	0	0	0	0	1
BLOOD & BLOOD FORMING ORGANS	2	1	0	0	0	0	3
MENTAL DISORDERS	10	9	12	1	0	0	32
-Psychoses	4	2	2	0	0	0	8
-Non- Psychotic Disorders	5	7	10	1	0	0	23
-Alcohol Dependence	1	0	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	10	3	4	2	0	0	19
-Other Disorders of Central NS	2	0	1	0	0	0	3

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

(CONTINUED)

SANDIA 1998

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

	Men	Women	Total
Diagnostic Category			
- Disorders of, 350-359			
Peripheral NS,	1	2	3
- Disorders of, 360-379			
Eye	4	0	4
- Dis of Ear &, 380-389			
Mastoid	3	1	4
CIRCULATORY SYSTEM, 390-459			
- Chronic, 393-398			
Rheumatic Heart Dis	1	0	1
- Hypertensive, 401-405			
Dis	2	0	2
- Ischemic, 410-414			
Heart Dis	0	0	0
- Dis of, 415-417			
Pulmonary Circulation	1	0	1
- Other Heart, 420-429			
Dis	1	0	1
- Dis of, 451-459			
Veins, Lymphatics, Other	4	0	4
RESPIRATORY SYSTEM, 460-519			
- Acute, 460-466			
Respiratory Infections	6	6	12

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

(CONTINUED)

SANDIA 1998

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

	Men	Women	Total
Respiratory Tract	6	8	14
- Pneumonia & Influenza	4	0	4
- Chronic Obstructive Dis	6	8	14
- Other Respiratory Dis	1	1	2
DIGESTIVE SYSTEM	16	10	26
- Oral Cavity, Saliva Glands, Jaw	2	2	4
- Esophagus, Stomach, Duodenum	2	0	2
- Appendicitis	2	0	2
- Hernia	1	0	1
- Enteritis, Colitis	0	1	1
- Other Intestinal Dis	4	1	5
- Other Digestive Dis	5	6	11

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

(CONTINUED)

SANDIA 1998

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

Diagnostic Category	Women						
	Prof- essi-	Supp- onal	Manu- ort	Cler- al	Secu- al	Staff, Staff	Labor, rity
GENITOURINARY, 580-629							
SYSTEM	17	21	9	1	0	48	
- Other							
Urinary Dis	0	2	1	0	0	3	
- Breast							
Disorders	1	1	1	0	0	3	
- Pelvic							
Inflammatory							
Dis	1	2	0	0	0	3	
- Other Female							
Disorders	15	16	7	1	0	39	
SKIN &							
SUBCUTANEOUS							
TISSUE	3	1	0	0	0	4	
- Infections	0	1	0	0	0	1	
- Other							
Inflammatory							
Conditions	2	0	0	0	0	2	
- Other							
700-709	1	0	0	0	0	1	
MUSCULOSKELE-							
TAL &							
CONNECTIVE							
TISSUE	15	15	8	4	0	42	
- Arthropathi-							
es	3	3	2	4	0	12	
- Dorsopathi es	3	4	1	0	0	8	
- Rheumatism							
Excludi ng							
Back	8	5	4	0	0	17	

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

(CONTINUED)

SANDIA 1998

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

	Men	Women	Total
ICD-9-CM Code			
Job Category			
Crafts			
Professional and Technical			
Supervisory			
Manual			
Operative			
Administrative			
Staff			
Laboratory			
Total			
Diagnostic Category			
- Other Dis & Acquired Deformities	1	3	1
0	0	0	5
CONGENITAL ANOMALIES	1	0	2
0	0	0	3
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	9	4	4
1	0	0	18
- Symptoms	8	4	4
0	0	0	16
- Non-Specific Abnormal Findings	0	0	0
1	0	1	0
1	0	0	1
- Ill-Defined & Unknown Causes	1	0	0
0	0	0	0
1	0	0	1
INJURY AND POISONING	24	7	6
5	1	43	
- Fracture - Neck, Trunk	0	0	1
0	0	0	1
- Fracture - Upper Limb	2	1	0
0	0	0	3
- Fracture - Lower Limb	4	2	1
1	0	0	8
- Dislocation	7	1	1
2	1	12	
- Sprains & Strains - Back	2	0	0
1	0	3	

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

(CONTINUED)

SANDIA 1998

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

	Men	Women	Total	%
Diagnostic Category				
- Sprains & Strains - Other	6	2	2	1
- Contusion	0	0	1	0
- Unspecified				
- Effects - External Causes	2	1	0	0
- Complications of Surgical/Medical Care	1	0	0	0
- HEALTH STATUS/HEALTH SERVICE CONTACT	0	1	0	0
- Specific Procedures/Aftercare	0	1	0	0
Total	151	110	76	18

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

(CONTINUED)

SANDIA 1998

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

	Men						
Diagnostic Category	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	10	6	0	4	2	22
- Intestinal Infectious Dis	001-009	1	0	0	0	0	1
- Other Bacterial Dis.	030-041	2	2	0	1	0	5
- Polio & Other Viral CNS Dis	045-049	1	0	0	0	0	1
- Viral Dis with Exanthem	050-057	0	0	0	0	1	1
- Other Viral Dis & Chlamydiae	070-079	5	2	0	2	0	9
- Rickettsioses & Other Arthropod	080-088	0	2	0	0	0	2
- Mycoses	110-118	1	0	0	1	0	2
- Other Infections & Parasitic Dis.	130-136	0	0	0	0	1	1
MALIGNANT NEOPLASMS	140-208, 230-234	11	2	3	2	0	18
- Lip, Oral Cavity, Pharynx	140-149	1	0	0	0	0	1

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

(CONTINUED)

SANDIA 1998

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

Diagnostic Category	Men		Job Category				
	Count	%	Crafts	Professional	Support	Manual	Total
- Digestive & Peritoneal, ICD-9-CM Code 150-159	1	0	0	1	0	2	
- Genitourinary, ICD-9-CM Code 179-189	5	0	0	0	0	5	
- Other & Unspecified Sites, ICD-9-CM Code 190, 193-199	3	0	0	1	0	4	
- Lymphatic & Hematopoietic, ICD-9-CM Code 200-208	1	2	3	0	0	6	
BENIGN & UNCERTAIN, ICD-9-CM Code 210-229, 235-239	1	0	0	0	0	1	
ENDOCRINE/METABOLIC/IMMUNITY, ICD-9-CM Code 240-279	6	1	0	4	0	11	
- Thyroid Gland Disorders, ICD-9-CM Code 240-246	2	0	0	1	0	3	
- Other Endocrine Gland Disorders, ICD-9-CM Code 250-259	0	0	0	3	0	3	
- Other Metabolic & Immunity Disorders, ICD-9-CM Code 270-279	4	1	0	0	0	5	
BLOOD & BLOOD FORMING ORGANS, ICD-9-CM Code 280-289	0	0	0	1	0	1	
MENTAL DISORDERS, ICD-9-CM Code 290-319	7	3	0	7	0	17	

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

(CONTINUED)

SANDIA 1998

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

Diagnostic Category	Men						
	Prof- essi-	Supp- onal	Manu- ort	Craf- ts	and	Secu- al	Total
- Psychoses, ICD-9-CM Code 290-299	5	1	0	1	0	7	
- Non-Psychotic Disorders, ICD-9-CM Code 300-302, 306-316	2	2	0	5	0	9	
- Drug Dependence, ICD-9-CM Code 304-305	0	0	0	1	0	1	
NERVOUS SYSTEM (NS) & SENSE ORGANS, ICD-9-CM Code 320-389	14	11	2	1	1	29	
- Inflammatory, ICD-9-CM Code 320-326							
Dis of Central NS, ICD-9-CM Code 340-349	1	0	0	0	0	1	
- Disorders of Central NS, ICD-9-CM Code 350-359	2	0	1	0	0	3	
- Disorders of Eye, ICD-9-CM Code 360-379	8	7	0	1	1	17	
- Dis of Ear & Mastoid, ICD-9-CM Code 380-389	2	3	0	0	0	5	
CIRCULATORY SYSTEM, ICD-9-CM Code 390-459	16	7	0	8	3	34	
- Hypertensive, ICD-9-CM Code 401-405	0	1	0	0	0	1	
- Ischemic Heart Dis, ICD-9-CM Code 410-414	8	2	0	3	1	14	
- Other Heart Dis, ICD-9-CM Code 420-429	0	1	0	1	0	2	

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

(CONTINUED)

SANDIA 1998

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

Diagnostic Category	Men						
	0	1	0	1	0	2	
- Cerebrovascular Dis	0	1	0	1	0	2	
- Dis of Arteries & Capillaries	0	0	0	2	0	2	
- Dis of Veins, Lymphatics, Other	8	2	0	1	2	13	
RESPIRATORY SYSTEM	36	16	0	6	4	62	
- Acute Respiratory Infections	10	1	0	1	0	12	
- Other Dis of Upper Respiratory Tract	17	8	0	1	4	30	
- Pneumonia & Influenza	4	3	0	0	0	7	
- Chronic Obstructive Dis	4	3	0	3	0	10	
- Other Respiratory Dis	1	1	0	1	0	3	
DIGESTIVE SYSTEM	38	17	0	16	1	72	
- Oral Cavity, Saliva Glands, Jaw	2	0	0	0	0	2	

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

(CONTINUED)

SANDIA 1998

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

Diagnostic Category	Men						
	Prof- essi -	Supp- Manu- onal	ort Cler-	al Secu- Staff	Staff ical	Labor rity	Total
- Esophagus, 530-537							
Stomach,							
Duodenum	1	1	0	3	0	5	
- Appendicitis, 540-543	4	1	0	0	0	5	
- Hernia, 550-553	12	9	0	7	1	29	
- Enteritis, 555-558							
Colitis	7	1	0	0	0	8	
- Other, 560-569							
Intestinal							
Dis	7	3	0	4	0	14	
- Other, 570-579							
Digestive Dis,	5	2	0	2	0	9	
GENITOURINARY, 580-629							
SYSTEM	10	2	0	1	0	13	
- Other, 590-599							
Urinary Dis	7	2	0	1	0	10	
- Male Genital, 600-608							
Organ Dis	3	0	0	0	0	3	
SKIN & SUBCUTANEOUS, 680-709							
TISSUE	6	2	0	4	1	13	
- Infections, 680-686	4	0	0	2	1	7	
- Other, 690-698							
Inflammatory							
Conditions	1	0	0	0	0	1	
- Other, 700-709	1	2	0	2	0	5	

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

(CONTINUED)

SANDIA 1998

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

	Men	Women	Total	%
Men				
Job Category				
Crafts				
Professional and				
Technical Support				
Operational				
Staff				
Contract Labor				
Total				
Diagnostic Category				
MUSCULOSKELETAL & CONNECTIVE TISSUE				
- Arthropathies, 710-719	28	18	2	14
- Dorsopathies, 720-724	9	71		
- Rheumatism, 725-729	13	7	1	5
- Other Disorders & Acquired Deformities, 730-739	2	3	0	2
CONGENITAL ANOMALIES	2	0	1	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	21	5	0	8
- Symptoms, 780-789	19	5	0	8
- Non-Specific Abnormal Findings, 790-796	1	0	0	0
- Ill-Defined & Unknown Causes, 797-799	1	0	0	0
INJURY AND POISONING	37	13	2	15
- Fracture - Skull, 800-804	1	0	0	0

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

(CONTINUED)

SANDIA 1998

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

Diagnostic Category	Men						
	Prof- essi-	Supp- onal	Manu- ort	Cler- al	Secu- al	Staff, Staff	Total
- Fracture - , 805-809	1	2	1	0	0	4	
- Fracture - , 810-819	1	1	0	1	0	3	
- Fracture - , 820-829	11	0	0	2	0	13	
- Dislocation , 830-839	8	4	0	2	0	14	
- Sprains & , 846-847	2	1	0	2	0	5	
- Sprains & , 840-845, 848	10	2	0	3	2	17	
- Open Wound - , 880-887	0	1	0	0	0	1	
- Open Wound - , 890-897	1	0	0	1	0	2	
- Superfi al , 910-919	1	0	0	0	0	1	
- Contusion , 920-924	1	1	1	0	0	3	
- Burns , 940-949	0	0	0	3	0	3	
- Injury to , 950-957	0	1	0	0	0	1	
- Complicatio- , 996-999	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 1998

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

	Men	Women	Total
Diagnoses	245	104	349
ICD-9-CM Code			
Category			
HEALTH, V01-V82			
STATUS/HEALTH, SERVICE			
CONTACT	2	1	3
- Health, V20-V29			
Services			
Reproductive/Development	1	0	1
- Specific, V50-V59			
Procedures/Aftercare	1	1	2
Total	245	104	349

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

SANDIA 1998

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

	Women					
	Job Category					
	Craf-	ts	Prof-	and	essi - , Supp-	Manu-
	onal	ort	Cler-	al	Secu-	
	Staff	Staff	ical	Labor	urity	Total
Diagnostic Category						
Infections/Parasites	43,	23,	24,	0,	7,	97,
Cancers	38,	89,	133,	0,	0,	260,
Benign Growths	194,	214,	0,	0,	0,	408,
Endocrine/Metabolic	0,	8,	19,	0,	0,	27,
Blood	19,	35,	0,	0,	0,	54,
Mental	241,	115,	257,	87,	0,	700,
Nervous System	167,	26,	111,	19,	0,	323,
Heart/Circulatory	94,	0,	25,	10,	0,	129,
Respiratory	304,	167,	89,	21,	0,	581,
Digestive	204,	131,	76,	0,	0,	411,
Genitourinary	283,	484,	172,	56,	0,	995,
Skin	76,	7,	0,	0,	0,	83,
Muscles and Skeleton	303,	434,	195,	124,	0,	1056,
Existing Birth Condition	21,	0,	49,	0,	0,	70,
Unspecified Symptoms	207,	26,	50,	19,	0,	302,
Injury	328,	109,	103,	233,	46,	819,

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

(CONTINUED)

SANDIA 1998

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

	Men					
	Job Category					
	Craf-	ts	Prof-	and	essi - , Supp-	Manu-
	onal	ort	Cler-	al	Secu-	
	Staff,	Staff,	ical	Labor,	urity	Total
Diagnostic Category						
Infections/Parasites	148,	69,	0,	29,	36,	282,
Cancers	301,	17,	207,	123,	0,	648,
Benign Growths	13,	0,	0,	0,	0,	13,
Endocrine/Metabolic	66,	11,	0,	136,	0,	213,
Blood	0,	0,	0,	227,	0,	227,
Mental	136,	163,	0,	238,	0,	537,
Nervous System	348,	814,	231,	71,	21,	1485,
Heart/Circulatory	448,	590,	0,	177,	58,	1273,
Respiratory	319,	164,	0,	92,	24,	599,
Digestive	529,	235,	0,	533,	18,	1315,
Genitourinary	101,	26,	0,	15,	0,	142,
Skin	81,	96,	0,	54,	10,	241,
Muscles and Skeleton	491,	616,	122,	869,	286,	2384,
Existing Birth Condition	166,	0,	73,	0,	0,	239,
Unspecified Symptoms	498,	243,	0,	365,	0,	1106,
Injury	673,	296,	20,	265,	23,	1277,

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

SANDIA 1998

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 1998

Rate per 1,000 Men

Men	All Diagnostic Categories			Cancer			Heart/Circulatory		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	118	127	137	6	7	10	7	10	12
1994	82	89	97	2	3	5	6	7	10
1995	80	88	96	1	2	4	6	8	11
1996	81	90	99	2	3	5	4	6	8
1997	74	87	103	1	2	4	4	5	7
1998	68	75	83	2	4	6	4	6	8

Year	Respiratory			Injury		
	Lower	Mid	Upper	Lower	Mid	Upper
1993	22	26	30	16	19	23
1994	13	16	20	12	15	19
1995	14	16	20	9	12	15
1996	14	18	23	10	13	17
1997	10	12	15	13	22	35
1998	7	9	12	8	10	13

Rate per 1,000 Women

Women	All Diagnostic Categories			Cancer			Heart/Circulatory		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	234	254	276	2	4	8	5	8	14
1994	170	187	206	2	4	8	2	5	9
1995	173	190	208	4	6	11	4	7	11
1996	192	210	230	3	5	9	4	6	10
1997	133	154	178	2	4	8	3	5	10
1998	113	126	141	2	4	8	3	5	9

Year	Respiratory			Injury		
	Lower	Mid	Upper	Lower	Mid	Upper
1993	44	53	63	15	20	27
1994	34	42	51	19	24	32
1995	45	54	64	11	16	22
1996	34	42	51	16	22	29
1997	21	31	46	11	15	21
1998	18	24	31	11	15	21

SANDIA 1998

Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined

Part 2. Age-Adjusted Rates for All Diagnostic Categories Combined by Gender and Job Category from 1993 to 1998

Rate per 1,000 Men

Men	Professional Staff			Support Staff			Clerical			Crafts and 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

Year	Security			Non- Regular			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			

*No workers in category prior to 1996

Rate per 1,000 Women

Women	Professional Staff			Support Staff			Clerical			Crafts and 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

Year	Security			Non- Regular			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			

*No workers in category prior to 1996

SANDIA 1998

Appendix M Diseases and Injuries by Diagnostic Category

Part 1. Men

Category of Diagnoses	ICD-9- CM Code	Number of Diagnoses*	Age- Adj usted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001- 139	22	3. 3	2. 1	5. 1
Malignant Neoplasms	140- 208, 230- 234	18	3. 5	2. 1	5. 8
Digestive Organs	150- 159	2	0. 5	0. 1	2. 1
Respiratory System	160- 165	0	0	0	0
Breast	174- 175	0	0	0	0
Genitourinary	179- 189	5	1. 1	0. 4	2. 9
Nervous System	191- 192	0	0	0	0
Leukemia, Lymphoma	200- 208	6	1. 1	0. 5	2. 5
Benign Neoplasms & Other	210- 229, 235- 239	1	0. 1	0. 0	1. 0
Endocrine & Metabolic Diseases	240- 279	11	1. 5	0. 8	2. 7
Blood & Blood-Forming Organs	280- 289	1	0. 3	0. 0	2. 4
Mental Disorders	290- 319	17	2. 5	1. 5	4. 1
Alcoholism	303	0	0	0	0
Drug Abuse	304- 305	1	0. 1	0. 0	1. 0
Nervous System & Sense Organs	320- 389	29	4. 9	3. 3	7. 2
Circulatory System	390- 459	34	5. 5	3. 8	7. 8
Hypertension	401	1	0. 1	0. 0	1. 0
Acute Myocardial Infarction	410	4	0. 8	0. 3	2. 2
Ischemic Disease, not M.I.	411- 414, 429. 2	10	1. 7	0. 9	3. 4
Cerebrovascular Disease	430- 438	2	0. 3	0. 1	1. 1
Respiratory System	460- 519	62	9. 4	7. 2	12. 2
Upper Respiratory	460- 465, 470- 478	41	6. 2	4. 5	8. 6
Pneumonia/Bronchitis	466, 480- 487	8	1. 3	0. 6	2. 8
Chronic Respiratory Conditions	490- 496	10	1. 4	0. 8	2. 6
Digestive System	520- 579	72	11. 1	8. 7	14. 2
Hernias	550- 553	29	3. 9	2. 7	5. 7
Gallbladder Disease	574- 575	7	1. 0	0. 5	2. 2
Genitourinary System	580- 629	13	2. 2	1. 2	4. 0
Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680- 709	13	2. 2	1. 2	4. 0
Musculoskeletal System	710- 739	71	11. 6	9. 0	15. 0
Dorsopathies	720- 724	27	4. 5	3. 0	6. 9
Congenital Anomalies	740- 759	3	0. 6	0. 2	2. 1
Certain Perinatal Conditions	760- 779	0	0	0	0
Symptoms, Signs & Ill Defined Cond.	780- 799	34	4. 9	3. 5	6. 9
Injury & Poisoning	800- 999	69	10. 3	8. 0	13. 3
Fractures, All Sites	800- 829	21	3. 1	1. 9	4. 8
Dislocations	830- 839	14	2. 1	1. 2	3. 7
Sprains & Strains	840- 848	22	3. 5	2. 2	5. 5
Intracranial Injuries	850- 854	0	0	0	0
Internal Injuries	860- 869	0	0	0	0
Open Wounds	870- 897	3	0. 4	0. 1	1. 1
Other Injuries	900- 999	9	1. 3	0. 7	2. 5
Health Status/Health Serv Contact	V01- V82	6	1. 3	0. 5	3. 0
Family History of Health Problems	V10- V19	0	0	0	0
Circumstances Reproduction/Develop	V20- V28	1	0. 2	0. 0	1. 1
Specific Procedure/Aftercare	V50- V59	5	1. 1	0. 4	2. 9
TOTAL		476	75. 2	68. 3	82. 9

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

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

(CONTINUED)

SANDIA 1998

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	10	3. 1	1. 7	5. 9
Malignant Neoplasms	140-208, 230-234	10	4. 3	2. 2	8. 3
Digestive Organs	150- 159	0	0	0	0
Respiratory System	160- 165	0	0	0	0
Breast	174- 175	5	1. 9	0. 8	4. 5
Genitourinary	179- 189	2	1. 1	0. 3	4. 7
Nervous System	191- 192	0	0	0	0
Leukemia, Lymphoma	200- 208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	12	4. 2	2. 3	7. 7
Endocrine & Metabolic Diseases	240-279	2	0. 7	0. 2	3. 2
Blood & Blood-Forming Organs	280-289	3	1. 0	0. 3	3. 2
Mental Disorders	290-319	32	11. 2	7. 8	16. 1
Alcoholism	303	1	0. 3	0. 0	1. 8
Drug Abuse	304- 305	0	0	0	0
Nervous System & Sense Organs	320-389	19	6. 5	4. 0	10. 4
Circulatory System	390-459	13	5. 2	2. 9	9. 3
Hypertension	401	2	0. 8	0. 2	3. 1
Acute Myocardial Infarction	410	0	0	0	0
Ischemic Disease, not M.I.	411-414, 429. 2	1	0. 4	0. 1	2. 7
Cerebrovascular Disease	430- 438	0	0	0	0
Respiratory System	460- 519	64	23. 6	18. 1	30. 9
Upper Respiratory	460-465, 470-478	36	13. 1	9. 2	18. 8
Pneumonia/Bronchitis	466, 480-487	7	3. 1	1. 4	6. 8
Chronic Respiratory Conditions	490-496	19	6. 9	4. 2	11. 3
Digestive System	520- 579	33	11. 2	7. 9	16. 0
Hernias	550-553	1	0. 3	0. 0	1. 8
Gallbladder Disease	574- 575	12	4. 0	2. 3	7. 1
Genitourinary System	580- 629	48	15. 5	11. 5	20. 9
Endometriosis	617	6	2. 0	0. 9	4. 5
Ovarian Cysts	620. 0- 620. 2	4	1. 6	0. 5	4. 7
Female Genital Pain/Bleeding	625- 626	18	5. 4	3. 4	8. 7
Pregnancy & Childbirth***	630- 639	0	0	0	0
Skin & Subcutaneous Tissue	680- 709	4	1. 6	0. 5	4. 7
Musculoskeletal System	710- 739	42	14. 8	10. 7	20. 4
Dorsopathies	720- 724	8	2. 4	1. 2	4. 8
Congenital Anomalies	740- 759	3	1. 1	0. 4	3. 5
Certain Perinatal Conditions	760- 779	0	0	0	0
Symptoms, Signs & Ill Defined Cond.	780- 799	18	6. 6	4. 1	10. 7
Injury & Poisoning	800-999	43	15. 2	11. 1	20. 9
Fractures, All Sites	800-829	12	3. 9	2. 2	7. 0
Dislocations	830- 839	12	4. 4	2. 4	7. 9
Sprains & Strains	840- 848	14	4. 4	2. 5	7. 6
Intracranial Injuries	850- 854	0	0	0	0
Internal Injuries	860- 869	0	0	0	0
Open Wounds	870- 897	0	0	0	0
Other Injuries	900- 999	5	2. 6	1. 0	6. 4
Health Status/Health Serv Contact	V01- V82	1	0. 3	0. 0	1. 8
Family History of Health Problems	V10- V19	0	0	0	0
Circumstances Reproduction/Develop	V20- V28	0	0	0	0
Specific Procedure/Aftercare	V50- V59	1	0. 3	0. 0	1. 8
Total Minus Pregnancies		357	126. 2	113. 0	140. 9
TOTAL		357	126. 2	113. 0	140. 9

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

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

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

(CONTINUED)

SANDIA 1998

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	32	3. 2	2. 3	4. 6
Malignant Neoplasms	140-208, 230-234	28	3. 7	2. 5	5. 6
Digestive Organs	150-159	2	0. 3	0. 1	1. 4
Respiratory System	160-165	0	0	0	0
Breast	174-175	5	0. 5	0. 2	1. 3
Genitourinary	179-189	7	1. 1	0. 5	2. 4
Nervous System	191-192	0	0	0	0
Leukemia, Lymphoma	200-208	6	0. 8	0. 3	1. 8
Benign Neoplasms & Other	210-229, 235-239	13	1. 4	0. 8	2. 5
Endocrine & Metabolic Diseases	240-279	13	1. 3	0. 8	2. 4
Blood & Blood-Forming Organs	280-289	4	0. 5	0. 2	1. 5
Mental Disorders	290-319	49	5. 1	3. 8	6. 8
Alcoholism	303	1	0. 1	0. 0	0. 6
Drug Abuse	304-305	1	0. 1	0. 0	0. 8
Nervous System & Sense Organs	320-389	48	5. 4	4. 0	7. 2
Circulatory System	390-459	47	5. 4	3. 9	7. 3
Hypertension	401	3	0. 3	0. 1	1. 0
Acute Myocardial Infarction	410	4	0. 5	0. 2	1. 6
Ischemic Disease, not M.I.	411-414, 429.2	11	1. 3	0. 7	2. 5
Cerebrovascular Disease	430-438	2	0. 2	0. 0	0. 8
Respiratory System	460-519	126	13. 9	11. 5	16. 8
Upper Respiratory	460-465, 470-478	77	8. 4	6. 6	10. 7
Pneumonia/Bronchitis	466, 480-487	15	1. 9	1. 1	3. 3
Chronic Respiratory Conditions	490-496	29	3. 1	2. 1	4. 6
Digestive system	520-579	105	11. 3	9. 2	13. 8
Hernias	550-553	30	2. 8	2. 0	4. 1
Gallbladder Disease	574-575	19	1. 9	1. 2	3. 0
Genitourinary System	580-629	61	6. 3	4. 8	8. 2
Benign Prostatic Hypertrophy	600	0	0	0	0
Endometriosis	617	6	0. 6	0. 3	1. 3
Ovarian Cysts	620.0-620.2	4	0. 5	0. 2	1. 5
Female Genital Pain/Bleeding	625-626	18	1. 6	1. 0	2. 6
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	17	2. 1	1. 2	3. 4
Musculoskeletal System	710-739	113	12. 5	10. 3	15. 3
Dorsopathies	720-724	35	3. 8	2. 7	5. 5
Congenital Anomalies	740-759	6	0. 7	0. 3	1. 7
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs & Ill Defined Cond.	780-799	52	5. 5	4. 2	7. 4
Injury & Poisoning	800-999	112	11. 7	9. 6	14. 3
Fractures, All Sites	800-829	33	3. 2	2. 3	4. 6
Dislocations	830-839	26	2. 8	1. 8	4. 1
Sprains & Strains	840-848	36	3. 8	2. 6	5. 4
Intracranial Injuries	850-854	0	0	0	0
Internal Injuries	860-869	0	0	0	0
Open Wounds	870-897	3	0. 2	0. 1	0. 8
Other Injuries	900-999	14	1. 7	1. 0	3. 0
Health Status/Health Serv Contact	V01-V82	7	1. 0	0. 4	2. 1
Family History of Health Problems	V10-V19	0	0	0	0
Circumstances Reproduction/Develop	V20-V28	1	0. 1	0. 0	0. 8
Specific Procedure/Aftercare	V50-V59	6	0. 9	0. 4	2. 0
Total Minus Pregnancies		833	90. 9	84. 6	97. 8
TOTAL		833	90. 9	84. 6	97. 8

* 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 1998

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

Diagnostic Category	Professional Staff 4, 584 Person-Years				Support Staff 1, 324 Person-Years				Clerical 493 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	241	0.6	0.5	0.7	136	1.6	1.3	1.9	48	1.0	0.7	1.4
Infectious & Parasitic Diseases	13	0.5	0.3	0.9	7	1.4	0.6	3.2	3	1.6	0.4	5.6
Malignant Neoplasms	13	0.8	0.3	2.0	5	1.2	0.4	3.5	3	1.4	0.4	4.6
Benign & Uncertain Neoplasms	5	0.8	0.2	2.9	7	4.5	1.3	15.0	0			
Endocrine/Metabolic/Immunity	4	0.3	0.1	1.1	2	1.2	0.3	5.1	1	6.1	0.3	144
Mental Disorders	14	0.6	0.3	1.2	6	0.8	0.4	2.0	7	2.2	0.8	5.9
Nervous System & Sense Organs	22	0.8	0.4	1.4	10	1.3	0.7	2.7	5	1.3	0.5	3.1
Circulatory System	19	0.6	0.4	1.2	7	1.1	0.5	2.4	1	0.4	0.05	2.5
Respiratory System	45	0.7	0.4	1.0	29	1.8	1.1	2.8	9	0.8	0.4	1.7
Digestive System	45	0.7	0.5	1.1	20	1.5	0.9	2.4	6	1.1	0.4	2.8
Genitourinary System	17	0.6	0.3	1.2	16	2.1	1.1	3.9	7	1.0	0.4	2.2
Skin & Subcutaneous Tissue	9	0.7	0.3	1.8	3	1.1	0.3	3.7	0			
Musculoskeletal & Connective Tissue	38	0.5	0.3	0.7	27	1.8	1.1	2.8	9	1.1	0.5	2.2
Symptoms, Signs, & Ill-Defined Cond.	25	0.9	0.5	1.7	8	1.0	0.4	2.1	2	0.5	0.1	1.8
Injury & Poisoning	43	0.7	0.5	1.0	17	1.1	0.6	1.8	6	0.8	0.3	1.9
Fracture-Lower Limb	9	1.2	0.4	3.8	1	0.3	0.04	2.5	1	0.7	0.1	5.2
Dislocation	13	0.9	0.4	2.1	4	0.8	0.3	2.4	1	0.3	0.04	2.6
Sprains & Strains-Other	16	0.9	0.4	1.9	4	0.7	0.3	2.1	1	0.4	0.1	3.1

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

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

*** CI = Confidence Limit

(CONTINUED)

SANDIA 1998

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

Diagnostic Category	Crafts and Manual Labor 495 Person-Years				Security 113 Person-Years				Non-Regular 1,265 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	63	2.1	1.6	2.7	17	2.7	1.7	4.5	0				505
Infectious & Parasitic Diseases	4	2.2	0.8	6.7	3	8.6	2.5	29.4	0				30
Malignant Neoplasms	2	1.2	0.3	5.4	0				0				23
Benign & Uncertain Neoplasms	0				0				0				12
Endocrine/Metabolic/Immunity	4	7.7	2.1	27.4	0				0				11
Mental Disorders	5	3.4	1.3	9.2	0				0				32
Nervous System & Sense Organs	3	1.2	0.4	3.7	1	1.9	0.3	14.7	0				41
Circulatory System	6	2.4	1.0	5.7	3	6.6	2.0	22.4	0				30
Respiratory System	7	1.3	0.6	2.9	3	2.7	0.8	8.6	0				93
Digestive System	11	2.1	1.1	3.9	1	0.8	0.1	5.9	0				83
Genitourinary System	2	1.0	0.2	4.4	0				0				42
Skin & Subcutaneous Tissue	3	3.1	0.8	11.6	1	4.6	0.6	38.0	0				16
Musculoskeletal & Connective Tissue	14	2.7	1.5	4.8	5	4.6	1.8	11.4	0				93
Symptoms, Signs, & Ill-Defined Cond.	8	3.3	1.5	7.3	0				0				43
Injury & Poisoning	15	2.9	1.6	5.0	3	2.8	0.9	9.1	0				84
Fracture-Lower Limb	3	3.6	1.0	13.3	0				0				14
Dislocation	4	2.8	1.0	7.9	1	4.2	0.6	30.6	0				23
Sprains & Strains-Other	4	2.4	0.8	7.2	2	6.0	1.4	26.8	0				27

* 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

SANDIA 1998

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	Coalworker's pneumoconiosis	
501	Asbestosis	Production
502	Silicosis, Talcosis	Production
503	Chronic beryllium disease of the lung	
504	Byssinosis	
506.0	Acute bronchitis, pneumonitis, and pulmonary edema due to fumes and vapors	Nonproduction

(CONTINUED)

SANDIA 1998

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

(CONTINUED)

SANDIA 1998

Appendix 0. Sentinel Health Events for Occupations (SHEO)

Diagnoses - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
188	Malignant neoplasm of bladder	Production
189	Malignant neoplasm of kidney, other, and unspecified urinary organs	Nonproduction
204.0	Lymphoid leukemia Acute	Production
205.0	Myeloid leukemia, acute	Production
207.0	Erythroleukemia	Production
283.1	Hemolytic anemia, nonautoimmune	
284.8	Aplastic anemia	Production
288.0	Agranulocytosis or neutropenia	Production
289.7	Methemoglobinemia	Nonproduction
323.7	Toxic encephalitis	Production
332.1	Parkinson's disease (secondary)	
334.3	Cerebellar ataxia	Production
357.7	Inflammatory and toxic neuropathy	Production
366.4	Cataract	Production
388.1	Noise effects on inner ear	Production
443.0	Raynaud's phenomenon (secondary)	Nonproduction
493.0, 507.8	Extrinsic asthma	Nonproduction
570, 573.3	Toxic hepatitis	Production
584, 585	Acute or chronic renal failure	Production
606	Infertility, male	
692	Contact and allergic dermatitis	Production
733.9	Skeletal fluorosis	

SANDIA 1998

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	2	4	7	12	25	1	7	23	19	50	75
Support Staff	1	3	8	8	20	0	5	12	10	27	47
Clerical	0	2	8	5	15	1	0	0	3	4	19
Crafts and Manual Labor	1	2	3	9	15	0	4	12	17	33	48
Security	0	0	1	0	1	0	4	4	6	14	15
Non-Regular	3	1	0	1	5	9	2	0	0	11	16
Total	7	12	27	35	81	11	22	51	55	139	220

SANDIA 1998

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-	# of , Restr-	# of , Restr-
	Events, icted	Events, icted	Events, icted
	Lost	Lost	Lost
Age Group			
16 - 29	7, 20,	0, 11,	22, 1, 18,
30 - 39	13, 28,	0, 23,	164, 116,
40 - 49	28, 40,	10, 52,	428, 150,
50 +	42, 146,	26, 60,	636, 148,
Total	90, 234,	36, 146,	1250, 415,

SANDIA 1998

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	%
Professional Staff	26,	44,	2,	50,	125,	33,	76, 169, 35,
Support Staff	23,	18,	1,	30,	386,	54,	53, 404, 55,
Clerical	17,	56,	20,	5,	77,	81,	22, 133, 101,
Crafts and Manual Labor	18,	90,	10,	35,	375,	116,	53, 465, 126,
Security	1,	0,	0,	15,	282,	130,	16, 282, 130,
Non-Regul ar	5,	26,	3,	11,	5,	1,	16, 31, 4,
Total	90,	234,	36,	146,	1250,	415,	236, 1484, 451,

SANDIA 1998

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	1	0	1	0	0	0	0	0	1
- Non-Psychotic Disorders, ICD-9-CM Code 300-302, 306-316	0	0	1	0	1	0	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS, ICD-9-CM Code 320-389	0	0	1	0	1	1	1	1	1	4	5
- Disorders of Peripheral NS, ICD-9-CM Code 350-359	0	0	1	0	1	0	0	1	1	2	3
- Disorders of Eye, ICD-9-CM Code 360-379	0	0	0	0	0	1	0	0	0	1	1
- Dis of Ear & Mastoid, ICD-9-CM Code 380-389	0	0	0	0	0	0	1	0	0	1	1
RESPIRATORY SYSTEM, ICD-9-CM Code 460-519	0	0	2	0	2	0	0	0	0	0	2
- Acute Respiratory Infections, ICD-9-CM Code 460-466	0	0	1	0	1	0	0	0	0	0	1
- Chronic Obstructive Dis, ICD-9-CM Code 490-496	0	0	1	0	1	0	0	0	0	0	1
DIGESTIVE SYSTEM, ICD-9-CM Code 520-579	0	0	0	0	0	0	0	0	3	3	3
- Hernia, ICD-9-CM Code 550-553	0	0	0	0	0	0	0	0	3	3	3
SKIN & SUBCUTANEOUS TISSUE, ICD-9-CM Code 680-709	0	0	2	1	3	0	1	1	2	4	7
- Infections, ICD-9-CM Code 680-686	0	0	0	0	0	0	0	0	1	1	1
- Other Inflammatory Conditions, ICD-9-CM Code 690-698	0	0	2	1	3	0	1	1	1	3	6

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

(CONTINUED)

SANDIA 1998

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	
MUSCULOSKELETAL & CONNECTIVE TISSUE	0	1	4	10	15	1	4	8	8	21	36
- Arthropathies, 710-719	0	0	1	0	1	0	1	0	2	3	4
- Dorsopathies, 720-724	0	0	0	3	3	0	2	3	1	6	9
- Rheumatism, 725-729											
Excluding Back	0	1	3	7	11	1	1	5	4	11	22
- Other Dis & Acquired Deformities, 730-739	0	0	0	0	0	0	0	0	1	1	1
SYMPTOMS, SIGNS, & ILL-DEFINED COND., 780-799	0	1	0	0	1	1	0	0	5	6	7
- Symptoms, 780-789	0	1	0	0	1	1	0	0	4	5	6
- Non-Specific Abnormal Findings, 790-796	0	0	0	0	0	0	0	0	1	1	1
INJURY AND POISONING, 800-999	7	12	20	33	72	10	18	44	49	121	193
- Fracture - Neck, Trunk, 805-809	0	0	0	0	0	0	0	0	1	1	1
- Fracture - Upper Limb, 810-819	0	0	0	0	0	0	0	2	0	2	2
- Fracture - Lower Limb, 820-829	1	1	1	1	4	0	1	1	2	4	8
- Dislocation, 830-839	0	0	0	0	0	0	1	1	1	3	3
- Sprains & Strains - Back, 846-847	0	4	4	8	16	2	4	10	15	31	47

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

(CONTINUED)

SANDIA 1998

OSHA DATA

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

Diagnostic Category	Women					Men				
	Age Group	Age Group	Age Group	Age Group	Total	Age Group	Age Group	Age Group	Age Group	Total
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total
-Sprains & Strains - Other	3	2	2	10	17	2	4	11	12	29
-Intracranial Injury	0	0	0	0	0	1	0	0	0	1
-Open Wound - Head, Neck, Trunk	0	1	0	1	2	0	0	2	2	4
-Open Wound - Upper Limb	0	1	1	0	2	2	4	6	5	17
-Open Wound - Lower Limb	0	0	0	0	0	0	1	2	0	3
-Superficial Injury	1	0	1	1	3	0	0	2	0	2
-Contusion	0	1	4	10	15	2	2	5	4	13
-Crushing Injury	0	0	1	0	1	0	0	0	1	1
-Foreign Body Entering Orifice	0	0	0	0	0	0	0	0	1	1
-Burns	1	1	0	0	2	0	1	0	0	1
-Complications & Unspecified Injuries	1	0	2	2	5	1	0	0	1	2
-Toxic Effects - Nonmedicinal	0	1	4	0	5	0	0	0	3	3
-Unspecified External Causes	0	0	0	0	0	0	0	2	1	3
Total	7	14	30	44	95	13	24	54	68	159

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

SANDIA 1998

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	Days	Days	Days	Res-	Res-	Res-	Res-	Days
	Days	Days	Days	Days	Days	Days	Days	Days	Days
	cted	cted	cted	cted	Lost	Lost	Lost	Lost	cted
Diagnostic Category									
- Non-Psychotic Disorders	316	0	0	0	0	0	0	0	0
- Disorders of Peripheral NS		0	0	0	0	0	0	0	0
- Acute Respiratory Infections	460-466								
- Chronic Obstructive Dis	490-496								
- Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0
- Arthropathies	710-719	0	0	0	0	0	0	0	0
- Dorsopathies	720-724	0	0	0	0	0	0	11	0
- Rheumatism	725-729								
- Excluding Back		0	0	0	0	12	0	14	0
- Symptoms	780-789	0	0	0	0	0	0	0	0
- Fracture - Lower Limb	820-829	0	0	0	0	11	10	16	3
- Sprains & Strains - Back	846-847								
- Sprains & Strains - Other	840-845, 848	20	0	0	0	0	0	4	2

*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 1998

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 - , 870- 879									
Head, Neck, Trunk	0	0	0	0	0	0	0	0	0
- Open Wound - , 880- 887									
Upper Limb	0	0	0	0	0	0	0	0	0
- Superficial , 910- 919									
Injury	0	0	0	0	0	0	0	0	0
- Contusion , 920- 924			8	0	0	0	25	11	
- Crushi ng , 925- 929									
Injury	0	0	0	0	0	0	0	0	0
- Burns , 940- 949									
- Compli catio- , 958- 959									
ns & Unspeci fied , Injuries	0	0	0	0	0	0	0	0	0
- Toxic , 980- 989									
Effects - Nonmedi cinal	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 1998

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 +	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
	Lost	Lost	Lost	Lost	Lost	Lost	Lost	Lost
	%							
Diagnostic Category	ICD-9-CM Codes							
- Disorders of, 350-359								
Peripheral NS,	0	0	0	0	0	0	0	0
- Disorders of, 360-379								
Eye	0	0	0	0	0	0	0	0
- Dis of Ear &, 380-389								
Mastoid	0	0	0	0	0	0	0	0
- Hernia, 550-553	0	0	0	0	0	0	40	43
- Infections, 680-686	0	0	0	0	0	0	0	0
- Other, 690-698								
Inflammatory Conditions	0	0	5	0	0	0	0	0
- Arthropathies, 710-719								
es	0	0	0	0	0	0	21	34
- Dorsopathies, 720-724	0	0	21	7	35	14	0	0
- Rheumatism, 725-729								
Excluding Back	0	0	0	0	5	0	5	0
- Other Dis &, 730-739								
Acquired Deformities	0	0	0	0	0	0	0	0
- Symptoms, 780-789	0	0	0	0	0	0	0	2
- Non-Specific, 790-796								
Abnormal Findings	0	0	0	0	0	0	0	0
- Fracture - Neck, Trunk, 805-809	0	0	0	0	0	0	13	45
- Fracture - Upper Limb, 810-819	0	0	0	0	9	5	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 1998

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-
	tri -	Days	tri -	Days	tri -	Days	tri -	Days
	cted	Lost	cted	Lost	cted	Lost	cted	Lost
Diagnostic Category	ICD-9-CM Codes							
	%							
- Fracture - 820-829	0	0	44	32	22	2	0	8
Lower Limb								
- Dislocation 830-839	0	0	27	24	133	57	0	4
- Sprains & Strains - Back 846-847								
	0	1	51	53	88	55	124	1
- Sprains & Strains - Other 840-845, 848								
	17	0	16	0	109	13	170	45
- Intracranial Injury 850-854								
	2	0	0	0	0	0	0	0
- Open Wound - Head, Neck, Trunk 870-879								
	0	0	0	0	0	0	0	0
- Open Wound - Upper Limb 880-887								
	0	0	0	0	17	3	0	0
- Open Wound - Lower Limb 890-897								
	0	0	0	0	0	0	0	0
- Superficial Injury 910-919								
	0	0	0	0	0	0	0	0
- Contusion - Crushing Injury 920-924								
	3	0	0	0	10	1	134	0
- Foreign Body, Entering Orifice 930-939								
	0	0	0	0	0	0	0	0
- Burns 940-949								
	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 1998

OSHA DATA

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

Type of Accident	Women					Men					Total
	Age Group					Age Group					
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total	
Motor Vehicle, E810-E819											
Traffic	0	0	0	0	0	2	0	1	0	3	3
Accidental, E860-E869											
Poisoning - Nonmedicinal	0	1	4	0	5	0	0	0	2	2	7
Falls, E880-E888	0	1	5	12	18	0	5	9	5	19	37
Natural/Environmental Factors, E900-E909											
Submersion/Suffocation/Foreign Bodies, E910-E915	0	0	0	0	0	0	0	0	1	1	1
Other Accidents, E916-E928	7	11	15	27	60	8	16	38	46	108	168
Adverse Medical/Biological Effect, E930-E949	0	0	0	0	0	0	0	1	0	1	1

*Only those accident types with at least one occurrence appear in this table.

SANDIA 1998

OSHA DATA

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

Women									
Age Group									
	16 - 29	30 - 39	40 - 49	50 +					
	Days	Days	Days	Days	Res-	Res-	Res-	Res-	Days
	cted, Lost	cted, Lost	cted, Lost	cted, Lost					
Type of Accident	E Codes								
	E860-E869								
	E880-E888								
	E916-E928								
Accidental	0	0	0	0	0	0	0	0	0
Poisoning - Nonmedicinal	0	0	0	0	0	0	0	0	0
Falls	0	0	0	0	11	10	22	6	
Other Accidents	20	0	28	0	29	0	124	20	

*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.

(CONTINUED)

SANDIA 1998

OSHA DATA

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

		Men									
		Age Group									
		16 - 29	30 - 39	40 - 49	50 +						
		Days	Days	Days	Days	Res-	Res-	Res-	Res-	Res-	Res-
		tri -	Days	tri -	Days	tri -	Days	tri -	Days	tri -	Days
		cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost
Type of Accident	E Codes										
Motor Vehicle, E810- E819		0	1	0	0	0	0	0	0	0	0
Traffic											
Accidental, E860- E869											
Poisoning - Nonmedicinal		0	0	0	0	0	0	150	0		
Falls, E880- E888		0	0	105	85	147	57	89	45		
Natural/Environmental Factors		0	0	0	0	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies		0	0	0	0	0	0	0	0	0	0
Other Accidents, E916- E928		5	0	54	31	281	93	383	72		
Adverse Effect - Medicinal/Biological		0	0	0	0	0	0	0	0	0	0

*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.

SANDIA 1998

OSHA DATA

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

Diagnostic Category	Women							
	Prof- essl	Supp- onal	Manu- Staff	Non- Cler-	Secu- al	Regu- Labor	Other	Total
MENTAL DISORDERS	0	0	0	1	0	0	0	1
- Non-Psychotic Disorders	0	0	0	1	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	0	0	1	0	0	0	0	1
- Disorders of Peripheral NS	0	0	1	0	0	0	0	1
RESPIRATORY SYSTEM	0	2	0	0	0	0	0	2
- Acute Respiratory Infections	0	1	0	0	0	0	0	1
- Chronic Obstructive Dis	0	1	0	0	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	1	0	0	1	1	0	0	3
- Other Inflammatory Conditions	1	0	0	1	1	0	0	3
MUSCULOSKELETAL & CONNECTIVE TISSUE	4	3	6	2	0	0	0	15
- Arthropathies	0	0	1	0	0	0	0	1
- Dorsopathies	1	0	0	2	0	0	0	3

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

(CONTINUED)

SANDIA 1998

OSHA DATA

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

		Women						
		Job Category						
		Craf- , ts , Prof- , and , essi - , Supp- , Manu- , Non- , onal , ort , Cler- , al , Secu- , Regu- , Staff, Staff, ical , Labor, rity , lar , Total ,						
Diagnostic Category	ICD-9-CM Code							
- Rheumatism	725-729							
Excluding Back		3	3	5	0	0	0	11
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	780-799							
- Symptoms	780-789	1	0	0	0	0	0	1
INJURY AND POISONING	800-999							
- Fracture - Lower Limb	820-829	1	0	2	0	0	1	4
- Sprains & Strains - Back	846-847	3	3	3	7	0	0	16
- Sprains & Strains - Other	840-845, 848	8	2	1	3	0	3	17
- Open Wound - Head, Neck, Trunk	870-879	0	2	0	0	0	0	2
- Open Wound - Upper Limb	880-887	0	2	0	0	0	0	2
- Superficial Injury	910-919	0	1	1	0	0	1	3
- Contusion	920-924	5	4	2	4	0	0	15
- Crushing Injury	925-929	0	0	0	1	0	0	1
- Burns	940-949	1	1	0	0	0	0	2

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

(CONTINUED)

SANDIA 1998

OSHA DATA

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

	Men	Women	Total
Diagnostic Category			
- Complications, 958-959	2	2	4
ns & Unspecified	1	4	5
Injuries	2	2	4
- Toxic, 980-989	1	4	5
Effects - Nonmedicinal	1	4	5
Total	27	26	53

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

(CONTINUED)

SANDIA 1998

OSHA DATA

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

	Men							
	Job Category							
	Craf-	ts	Prof-	and	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	2	0	0	1	0	1	4	
- Disorders of, 350-359								
Peripheral NS	1	0	0	1	0	0	2	
- Disorders of, 360-379								
Eye	0	0	0	0	0	1	1	
- Dis of Ear &, 380-389								
Mastoid	1	0	0	0	0	0	1	
DIGESTIVE, 520-579								
SYSTEM	1	1	0	1	0	0	3	
- Hernia, 550-553	1	1	0	1	0	0	3	
SKIN & SUBCUTANEOUS TISSUE, 680-709								
	2	0	0	2	0	0	4	
- Infections, 680-686	1	0	0	0	0	0	1	
- Other, 690-698								
Inflammatory Conditions	1	0	0	2	0	0	3	
MUSCULOSKELETAL & CONNECTIVE TISSUE, 710-739								
	10	5	1	2	1	2	21	
- Arthropathies, 710-719	1	1	1	0	0	0	3	
- Dorsopathies, 720-724	2	2	0	1	1	0	6	
- Rheumatism, 725-729								
Excluding Back	7	1	0	1	0	2	11	

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

(CONTINUED)

SANDIA 1998

OSHA DATA

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

Diagnostic Category	Men							Total
	Prof- essl- onal	Supp- Manu- Cler-	Craf- ts and	Secu- Regu- Labor	Non- Manu- al	Other	Staff	
- Open Wound - , 880- 887	5	4	0	5	2	1	17	
- Open Wound - , 890- 897	1	2	0	0	0	0	3	
- Superfi cial , 910- 919	1	0	0	0	1	0	2	
- Contusi on , 920- 924	3	1	1	6	1	1	13	
- Crushi ng , 925- 929	0	0	0	1	0	0	1	
- Foreign Body, 930- 939	1	0	0	0	0	0	1	
- Burns , 940- 949	1	0	0	0	0	0	1	
- Complicati o- , 958- 959	0	0	1	0	0	1	2	
- Toxic , 980- 989	1	2	0	0	0	0	3	
- Unspeci fi ed , 990- 995	2	0	0	1	0	0	3	
Total	56	34	7	35	15	12	159	

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

SANDIA 1998

OSHA DATA

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

Women														
Job Category														
	Crafts	Professional	Support	Manual	Non-Staff	Staff	Clerical	Labor	Security	Regular	Days	Res-	Days	Res-
Diagnostic Category														
- Non-Psychotic Disorders	300-302	306-316	0	0	0	0	0	0	0	0	0	0	0	0
- Disorders of Peripheral NS	350-359	460-466	0	0	0	0	0	0	0	0	0	0	0	0
- Acute Respiratory Infections	490-496	690-698	0	0	0	0	0	0	0	0	0	0	0	0
- Chronic Obstructive Dis	710-719	720-724	0	0	0	0	0	0	0	0	0	0	0	0
- Other Inflammatory Conditions	725-729	780-789	0	0	0	0	0	0	0	0	0	0	0	0
- Arthropathies	820-829	846-847	14	0	0	0	12	0	0	0	0	0	0	0
- Symptoms	846-847		0	0	0	0	0	0	0	0	0	0	0	0
- Fracture - Lower Limb			0	0	0	0	11	10	0	0	0	0	16	3
- Sprains & Strains - Back			18	0	16	0	15	0	64	10	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 1998

OSHA DATA

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

Women												
Job Category												
	Crafts	Professional	Support	Manual	Non-Staff	Staff	Clerical	Labor	Security	Regular	Days	Res-
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
-Sprains & Strains - Other	4	2	0	0	0	0	10	0	0	0	10	0
-Open Wound - Head, Neck, Trunk	0	0	0	0	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	0	0	0	0	0	0	0	0	0	0	0	0
-Superficial Injury	0	0	0	0	0	0	0	0	0	0	0	0
-Contusion	8	0	2	1	18	10	5	0	0	0	0	0
-Crushing Injury	0	0	0	0	0	0	0	0	0	0	0	0
-Burns	0	0	0	0	0	0	0	0	0	0	0	0
-Complications & Unspecified Injuries	0	0	0	0	0	0	0	0	0	0	0	0
-Toxic Effects - Nonmedical	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 with at least one occurrence appear in this table.

(CONTINUED)

SANDIA 1998

OSHA DATA

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

	Men												
	Job Category												
	Crafts	Professi-	onal	Support	Manual	Non-	Staff	Staff	Clerical	Labor	Security	Regular	
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-
	tri-	tri-	tri-	tri-	tri-	tri-	tri-	tri-	tri-	tri-	tri-	tri-	tri-
	cted	cted	cted	cted	cted	cted	cted	cted	cted	cted	cted	cted	cted
	Lost	Lost	Lost	Lost	Lost	Lost	Lost	Lost	Lost	Lost	Lost	Lost	Lost
	Di agnostic	ICD-9- CM Codes,											
	Category												
- Disorders of, 350-359													
Peripheral NS,	0	0	0	0	0	0	0	0	0	0	0	0	0
- Disorders of, 360-379													
Eye	0	0	0	0	0	0	0	0	0	0	0	0	0
- Dis of Ear &, 380-389													
Mastoid	0	0	0	0	0	0	0	0	0	0	0	0	0
- Hernia ,550-553	32	7	0	5	0	0	8	31	0	0	0	0	0
- Infections ,680-686	0	0	0	0	0	0	0	0	0	0	0	0	0
- Other ,690-698													
Infl amatory													
Condi tions	5	0	0	0	0	0	0	0	0	0	0	0	0
- Arthropathi -, 710-719													
es	0	0	0	0	21	34	0	0	0	0	0	0	0
- Dorsopathi es, 720-724	21	7	0	0	0	0	0	35	14	0	0	0	0
- Rheumatism , 725-729													
Excludi ng													
Back	5	0	0	0	0	0	5	0	0	0	0	0	0
- Other Dis &, 730-739													
Acqui red													
Deformi ties	0	0	0	0	0	0	0	0	0	0	0	0	0
- Symptoms ,780-789	0	0	0	0	0	2	0	0	0	0	0	0	0
- Non- Speci fic, 790-796													
Abnormal													
Fi ndi ngs	0	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 with at least one occurrence appear in this table.

(CONTINUED)

SANDIA 1998

OSHA DATA

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

Men													
Job Category													
	Crafts	Professional	Support	Manual	Non-Staff	Staff	Clerical	Labor	Security	Regular	Res-Days	Res-tri-Days	Res-cted, Lost
- Fracture - ,805-809	0	0	0	0	13	45	0	0	0	0	0	0	0
- Fracture - ,810-819	0	0	0	0	0	0	9	5	0	0	0	0	0
- Fracture - ,820-829	0	8	66	34	0	0	0	0	0	0	0	0	0
- Dislocation ,830-839	0	0	0	0	0	0	27	24	133	61	0	0	0
- Sprains & ,846-847													
- Sprains - ,840-845, 848	11	0	31	0	0	0	166	55	55	54	0	1	0
- Sprains & ,840-845, 848	51	11	122	12	38	34	43	0	58	1	0	0	0
- Intracranial ,850-854													
- Injury ,870-879	0	0	0	0	0	0	0	0	0	0	2	0	0
- Open Wound - ,880-887													
- Open Wound - ,890-897	0	0	17	3	0	0	0	0	0	0	0	0	0
- Open Wound - ,910-919													
- Injury ,920-924	0	0	0	0	26	0	117	1	1	0	3	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 1998

OSHA DATA

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

Men														
Job Category														
	Crafts	Professional	Support	Manual	Non-Staff	Staff	Clerical	Labor	Security	Regular	Res-	Res-	Res-	Res-
Diagnostic Category														
- Crushing Injury	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- Foreign Body Entering Orifice	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- Burns	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- Complications & Unspecified Injuries	0	0	0	0	0	2	0	0	0	0	0	0	0	0
- Toxic Effects - Nonmedical	0	0	150	0	0	0	0	0	0	0	0	0	0	0
- Unspecified Effects - External Causes	0	0	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 with at least one occurrence appear in this table.

SANDIA 1998

OSHA DATA

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

Type of Accident	E CODES						
	Accidental	Poisoning - Nonmedicinal	Falls	Other Accidents	Staff	Staff, ical	Labor, lar
Women	1	4	0	0	0	5	
Job Category							
Crafts							
Professional and							
Essential, Support, Manual, Non-							
Operational, Clerical, Regulatory							
Staff, Staff, ical, Labor, lar, Total							
Accidental, E860-E869							
Poisoning - Nonmedicinal							
Falls, E880-E888	5	7	3	2	1	18	
Other Accidents, E916-E928							
Accidents	17	12	13	14	4	60	

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

(CONTINUED)

SANDIA 1998

OSHA DATA

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

	Men							
	Job Category							
	Craf-	ts	Prof-	and	essi -	Supp-	Manu-	Non-
	onal	ort	Cler-	al	Secu-	Regu-	Staff,	Staff, ical
	Labor,	rity	lar	Total				
Type of Accident	E CODES							
Motor Vehicle, E810- E819								
Traffic	0,	1,	0,	0,	0,	2,	3,	
Accidental, E860- E869								
Poisoning - Nonmedicinal								
Falls, E880- E888	8,	2,	2,	1,	6,	0,	19,	
Natural/Environmental Factors, E900- E909								
Submersion/Suffocation/Foreign Bodies, E910- E915								
Other Accidents, E916- E928								
Adverse Effect - Medicinal/Biological, E930- E949								

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

SANDIA 1998

OSHA DATA

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

Women										
Job Category										
	Crafts	Professional	Support	Manual	Non-Staff	Staff	Clerical	Labor	Regular	Res-
Type of Accident										
Accidental, E860-E869										
Poisoning - Nonmedical	0	0	0	0	0	0	0	0	0	0
Falls, E880-E888	4	2	2	1	11	10	0	0	16	3
Other, E916-E928	40	0	16	0	45	10	90	10	10	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 1998

OSHA DATA

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

Type of Accident	Men												
	Job Category												
	Professi- onal	Support Staff	Clerical	Manual Labor	Security	Regular	Crafts	and	Non- Regular	Days	Res- Days	Days	Days
Motor Vehicle, E810-E819	0	0	0	0	0	0	0	0	0	0	0	0	1
Accidental, E860-E869													
Poisoning - Nonmedical	0	0	150	0	0	0	0	0	0	0	0	0	0
Falls, E880-E888	8	8	50	32	21	36	64	0	198	111	0	0	0
Natural/Environmental Factors	0	0	0	0	0	0	0	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Accidents, E916-E928	112	25	186	22	39	45	297	85	84	19	5	0	0
Adverse Effect - Medical/Biological	0	0	0	0	0	0	0	0	0	0	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 1998

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 1998

Rate per 1,000 Women

Women	Professional Staff			Support Staff			Clerical			Crafts and 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

Year	Security			Non- Regular			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			

*No workers in category prior to 1996

Part 2. Age-Adjusted rates for All OSHA-Recordable Diagnoses Among Men by Job Category from 1993 to 1998

Rate per 1,000 Men

Men	Professional Staff			Support Staff			Clerical			Crafts and 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

Year	Security			Non- Regular			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			

*No workers in category prior to 1996

(CONTINUED)

SANDIA 1998

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 1998

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

SANDIA 1998

OSHA

Appendix BB. OSHA Diseases and Injuries by Diagnostic Category

Part 1. Men

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
Digestive Organs	150-159	0	0	0	0
Respiratory System	160-165	0	0	0	0
Breast	174-175	0	0	0	0
Genitourinary	179-189	0	0	0	0
Nervous System	191-192	0	0	0	0
Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
Alcoholism	303	0	0	0	0
Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	4	1.0	0.3	2.9
Circulatory System	390-459	0	0	0	0
Hypertension	401	0	0	0	0
Acute Myocardial Infarction	410	0	0	0	0
Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
Upper Respiratory	460-465, 470-478	0	0	0	0
Pneumonia/Bronchitis	466, 480-487	0	0	0	0
Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	3	0.4	0.1	1.4
Hernias	550-553	3	0.4	0.1	1.4
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	4	0.8	0.3	2.2
Musculoskeletal System	710-739	21	3.5	2.2	5.6
Dorsopathies	720-724	6	0.8	0.4	1.8
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs & Ill Defined Cond.	780-799	6	1.5	0.6	3.6
Injury & Poisoning	800-999	121	20.8	17.1	25.4
Fractures, All Sites	800-829	7	1.1	0.5	2.6
Dislocations	830-839	3	0.4	0.1	1.3
Sprains & Strains	840-848	60	9.6	7.3	12.7
Intracranial Injuries	850-854	1	0.4	0.1	2.7
Internal Injuries	860-869	0	0	0	0
Open Wounds	870-897	24	4.2	2.7	6.5
Other Injuries	900-999	26	5.1	3.3	7.8
Health Status/Health Serv Contact	V01-V82	0	0	0	0
Family History of Health Problems	V10-V19	0	0	0	0
Circumstances Reproduction/Develop	V20-V28	0	0	0	0
Specific Procedure/Aftercare	V50-V59	0	0	0	0
TOTAL		159	28.0	23.6	33.3

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

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

(CONTINUED)

SANDIA 1998

OSHA

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	1	0.3	0.0	1.8
Alcoholism	303	0	0	0	0
Drug Abuse	304- 305	0	0	0	0
Nervous System & Sense Organs	320- 389	1	0.3	0.0	1.8
Circulatory System	390- 459	0	0	0	0
Hypertension	401	0	0	0	0
Acute Myocardial Infarction	410	0	0	0	0
Ischemic Disease, not M.I.	411- 414, 429. 2	0	0	0	0
Cerebrovascular Disease	430- 438	0	0	0	0
Respiratory System	460- 519	2	0.5	0.1	2.0
Upper Respiratory	460- 465, 470- 478	1	0.3	0.0	1.8
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	3	0.9	0.3	2.8
Musculoskeletal System	710- 739	15	5.2	3.1	8.7
Dorsopathies	720- 724	3	1.1	0.4	3.6
Congenital Anomalies	740- 759	0	0	0	0
Certain Perinatal Conditions	760- 779	0	0	0	0
Symptoms, Signs & Ill Defined Cond.	780- 799	1	0.4	0.1	2.6
Injury & Poisoning	800- 999	72	26.8	21.0	34.1
Fractures, All Sites	800- 829	4	1.5	0.5	4.1
Dislocations	830- 839	0	0	0	0
Sprains & Strains	840- 848	33	13.4	9.3	19.1
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	3.7
Other Injuries	900- 999	31	10.5	7.4	15.1
Health Status/Health Serv Contact	V01- V82	0	0	0	0
Family History of Health Problems	V10- V19	0	0	0	0
Circumstances Reproduction/Develop	V20- V28	0	0	0	0
Specific Procedure/Aftercare	V50- V59	0	0	0	0
Total Minus Pregnancies		95	34.2	27.8	42.2
TOTAL		95	34.2	27.8	42.2

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

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

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

(CONTINUED)

SANDIA 1998

OSHA

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	0.1	0.0	0.6
Alcoholism	303	0	0	0	0
Drug Abuse	304- 305	0	0	0	0
Nervous System & Sense Organs	320- 389	5	0.7	0.3	1.9
Circulatory System	390- 459	0	0	0	0
Hypertension	401	0	0	0	0
Acute Myocardial Infarction	410	0	0	0	0
Ischemic Disease, not M.I.	411- 414, 429. 2	0	0	0	0
Cerebrovascular Disease	430- 438	0	0	0	0
Respiratory System	460- 519	2	0.2	0.0	0.7
Upper Respiratory	460- 465, 470- 478	1	0.1	0.0	0.6
Pneumonia/Bronchitis	466, 480- 487	0	0	0	0
Chronic Respiratory Conditions	490- 496	1	0.1	0.0	0.6
Digestive System	520- 579	3	0.3	0.1	1.0
Hernias	550- 553	3	0.3	0.1	1.0
Gallbladder Disease	574- 575	0	0	0	0
Genitourinary System	580- 629	0	0	0	0
Benign Prostatic Hypertrophy	600	0	0	0	0
Endometriosis	617	0	0	0	0
Ovarian Cysts	620. 0- 620. 2	0	0	0	0
Female Genital Pain/Bleeding	625- 626	0	0	0	0
Pregnancy & Childbirth***	630- 639	0	0	0	0
Skin & Subcutaneous Tissue	680- 709	7	0.8	0.4	1.8
Musculoskeletal System	710- 739	36	3.9	2.8	5.5
Dorsopathies	720- 724	9	0.9	0.5	1.7
Congenital Anomalies	740- 759	0	0	0	0
Certain Perinatal Conditions	760- 779	0	0	0	0
Symptoms, Signs & Ill Defined Cond.	780- 799	7	1.1	0.5	2.4
Injury & Poisoning	800- 999	193	22.4	19.2	26.1
Fractures, All Sites	800- 829	11	1.3	0.7	2.5
Dislocations	830- 839	3	0.3	0.1	0.9
Sprains & Strains	840- 848	93	10.7	8.6	13.3
Intracranial Injuries	850- 854	1	0.2	0.0	1.5
Internal Injuries	860- 869	0	0	0	0
Open Wounds	870- 897	28	3.2	2.1	4.7
Other Injuries	900- 999	57	6.7	5.0	8.9
Health Status/Health Serv Contact	V01- V82	0	0	0	0
Family History of Health Problems	V10- V19	0	0	0	0
Circumstances Reproduction/Develop	V20- V28	0	0	0	0
Specific Procedure/Aftercare	V50- V59	0	0	0	0
Total Minus Pregnancies		254	29.5	25.8	33.6
TOTAL		254	29.5	25.8	33.6

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

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

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

SANDIA 1998

OSHA DATA

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

Diagnostic Category	Professional Staff 4, 584 Person-Years				Support Staff 1, 324 Person-Years				Clerical 493 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	75	0.4	0.3	0.5	47	1.2	0.9	1.7	19	1.0	0.6	1.7
Musculoskeletal & Connective Tissue	13	0.5	0.2	0.9	7	1.0	0.5	2.3	7	2.1	0.9	4.9
Injury & Poisoning	56	0.3	0.2	0.5	42	1.5	1.0	2.1	13	0.9	0.5	1.6
Sprains & Strains-Back	12	0.2	0.1	0.4	9	1.1	0.5	2.2	3	0.7	0.2	2.4
Sprains & Strains-Other	19	0.6	0.3	1.0	10	1.3	0.6	2.6	3	0.7	0.2	2.1
Open Wound-Upper Limb	5	0.2	0.1	0.6	6	2.9	1.0	8.0	0			
Contusion	8	0.4	0.2	0.9	4	0.7	0.2	2.1	3	0.9	0.3	2.9

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

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

*** CI = Confidence Limit

(CONTINUED)

SANDIA 1998

OSHA DATA

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

Diagnostic Category	Crafts and Manual Labor 495 Person-Years				Security 113 Person-Years				Non-Regular 1,265 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	48	4.2	3.0	5.8	15	6.2	3.6	10.5	16	0.6	0.3	1.3	220
Musculoskeletal & Connective Tissue	4	1.9	0.7	5.4	1	2.7	0.4	19.8	2	1.5	0.2	12.0	34
Injury & Poisoning	39	4.2	2.9	6.0	14	7.3	4.2	12.8	13	0.6	0.3	1.2	177
Sprains & Strains-Back	16	7.5	4.1	13.8	3	6.0	1.8	20.3	3	1.4	0.2	10.1	46
Sprains & Strains-Other	5	1.7	0.7	4.2	5	11.3	4.3	29.6	4	0.6	0.2	2.3	46
Open Wound-Upper Limb	5	5.1	1.7	15.5	2	7.0	1.6	31.2	1	0.1	0.004	4.6	19
Contusion	9	9.9	4.1	23.6	1	4.3	0.6	32.8	1	0.1	0.004	4.7	26

* 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