

**SUPPORTING TABLES: ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE, 1996**

**Appendix A. Work Force by Gender, Age, and Occupation**

	Women						Men						Total
	Age Group					Total	Age Group					Total	
	16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Occupational Group													
Administrati-on	55	241	348	138	22	804	40	429	616	293	38	1416	2220
Professional	13	48	39	11	1	112	19	192	277	126	18	632	744
Technical	7	22	24	4	0	57	11	93	154	67	6	331	388
Service	1	11	10	4	1	27	10	38	26	31	7	112	139
Security	4	20	19	8	1	52	31	161	77	42	5	316	368
Crafts and Manual Labor	1	1	8	0	0	10	8	75	163	122	22	390	400
Nuclear	7	18	24	6	2	57	13	96	127	62	5	303	360
Other/Unknown	6	23	19	8	0	56	19	56	50	23	4	152	208
Total	94	384	491	179	27	1175	151	1140	1490	766	105	3652	4827

APPENDIX ??: Most Common Job Titles in Each Job Category

**ADMINISTRATION**

ACCOUNTANT  
ACCOUNTING TECHNICIAN  
ADM COORDINATOR  
ADM DOCUMENT CONTROL  
ADM DOCUMENT CONTROL COORD  
ADM LIBRARIAN  
ADM MEDIA COORDINATOR  
ADM MGR MEDIA  
ADM PROCEDURE WRITER  
ADM PROG PLANNING ANALYST  
ADM TECHNICAL WRITER  
ADM WHSE COORDINATOR  
ADMINISTRATIVE LEAD  
ADMINISTRATIVE TEAM LEAD  
ADMINISTRATIVE TECHNICIAN  
ADVANCED PRODUCTION SPEC  
ASSOC ACCOUNTANT  
ASSOC ACCTNG TECHNICIAN  
ASSOC ADMIN TECHNICIAN  
ASSOC BUYER  
ASSOC COMMUNICATION SPECIALIST  
ASSOC COMPLIANCE SPECIALIST  
ASSOC COMPUTER SYSTEMS ANALYST  
ASSOC COST ANALYST  
ASSOC COST ESTIMATOR  
ASSOC COST ESTIMATOR/SCHEDULER  
ASSOC HUMAN RESOURCE SPLST  
ASSOC INSTRUCTOR DEVELOPER  
ASSOC MANAGEMENT INTEGRATOR  
ASSOC PLANNER  
ASSOC PROCUREMENT SPECIALIST  
ASSOC SAL ADM SPL  
ASSOC SPECIALIST  
ASSOC SUBCONTRACT SPECIALIST  
ASSOC TECHNICAL WRITER/EDITOR  
ASSOC TRAINING SPECIALIST  
ASSOC TRANSPORTATION SPECIALIST  
ASSOCIATE ACCTNG SPEC  
ASST ACCOUNTANT  
ASST BUYER  
ASST COMMUNICATION SPECIALIST  
ASST COMPLIANCE SPECIALIST  
ASST COMPUTER SYSTEMS ANALYST  
ASST COST ESTIMATOR/PLANNER  
ASST DOC CONTROL SPECIALIST  
ASST GEN COUNSEL ENVIRONMENT

ASST HUMAN RESOURCE SPECIALIST  
ASST PROCUREMENT SPECIALIST  
ASST SPECIALIST  
ASST TRAINING SPECIALIST  
BUDGET  
BUYER  
CLERK  
CLERK ENGINEER  
CLERK PACKER  
COMMUNICATION SPECIALIST  
COMPLIANCE SPECIALIST  
COMPUTER SYSTEMS ANALYST  
CONST COORDINATOR  
CONTROLLER  
COST ANALYST  
COST ESTIMATOR/SCHEDULER  
CTO CCF ANALYST  
CTO COORDINATOR  
CTO DATA ENTRY COORDINATOR  
CTO MGR DATA COMM  
CTO MGR SOFTWARE SYSTEMS  
DATA SPECIALISTS  
DEP GM  
DIR ADM  
DIRECTOR OPERATIONS  
DOCUMENT CONTROL COORD  
DR TRAIN  
EH&S ADMINISTRATOR  
EH&S COORDINATOR  
EH&S MGR STAB/CLOSURE  
EMP REL  
ENG MGR TECH SYS  
ENGINEERING PROJECT ADM  
ERWM MGR ECOLOGY/WATERSHED  
EXECUTIVE ASSISTANT  
EXECUTIVE SECRETARY  
FIN PAYROLL ANALYST  
FINANCIAL PLANNER  
GENERAL COUNSEL  
GM  
HR  
HR CO-OP  
HR MGR  
HR REPRESENTATIVE  
HUMAN RESOURCE SPECIALIST  
INSTRUCTOR DEVELOPER  
IS MGR CCF  
MAIL CLERK  
MANAGEMENT INTEGRATOR

MANAGER  
MANAGER PERSONNEL  
MGR ACCT  
MGR ADM DOC CONL  
MGR DOC SERVICES  
MGR HS&E  
MGR SEC  
MGR SOPS  
OPERATION SUPPORT SPECIALIST  
OPNS PROD COORDINATOR  
PAYROLL TECHNICIAN  
PLANNER  
PRIN ACCOUNTANT  
PRIN ADMIN TECHNICIAN  
PRIN AUDITOR  
PRIN BUYER  
PRIN COMPLIANCE SPECIALIST  
PRIN COMPUTER SYSTEMS ANALYST  
PRIN COST ANALYST  
PRIN COST ESTIMATOR/SCHEDULER  
PRIN FINANCIAL PLANNER  
PRIN HUMAN RESOURCE SPECIALIST  
PRIN MANAGEMENT INTEGRATOR  
PRIN PLANNER  
PRIN PROCUREMENT SPECIALIST  
PRIN PROJECT MANAGER  
PRIN SFGDS & SECURITY SPEC  
PRIN SPECIALIST  
PRIN SUBCONTRACT SPECIALIST  
PRIN TECHNICAL WRITER/EDITOR  
PRIN TRAINING SPECIALIST  
PROC SUBCONTRACT ADMIN  
PROC SUBCONTRACT COORD  
PROCESS SPECIALIST  
PROCUREMENT SPECIALIST  
PRODUCTION SPECIALIST  
PROG MGR PLANT PROCEDURES  
PROGRAM MANAGER  
PROGRAM MGR COST REDUCTION  
PROGRAM MGR INFO MGMT  
PROGRAM MGR SYSTEMS ANALYSIS  
PROJECT MANAGER  
PS ASST  
REC CLERK  
SEC CLERK  
SECRETARY  
SENIOR SPECIALIST  
SFGD ADMINISTRATOR  
SFGD COORDINATOR

SFGD SECURITY ADMINISTRATOR  
SFGDS & SECURITY SPECIALIST  
SFGDS MGR PER SEC  
SHIFT MANAGER  
SHIFT SUPERINTENDENT  
SPEC ADMINISTRATIVE  
SPEC DATA ENTRY  
SPEC DOCUMENTATION  
SPEC HUMAN RESOURCES  
SPEC INFORMATION SYSTEMS  
SPEC LEGAL  
SPEC MAINTENANCE & SPT  
SPEC MEDICAL  
SPEC SECURITY  
SPEC TELECOMMUNICATIONS  
SPEC WORD PROCESSOR  
SPECIALIST  
SR ACCOUNTANT  
SR ACCTNG TECHNICIAN  
SR ADMIN TECHNICIAN  
SR ADMINISTRATIVE TEAM LEAD  
SR AUDITOR  
SR BUYER  
SR CLERK  
SR COMMUNICATION SPECIALIST  
SR COMPLIANCE SPECIALIST  
SR COMPUTER SYSTEMS ANALYST  
SR COST ANALYST  
SR COST ESTIMATOR  
SR COST ESTIMATOR/SCHEDULER  
SR COUNSEL  
SR FINANCIAL PLANNER  
SR HUMAN RESOURCE SPECIALIST  
SR INSTRUCTOR DEVELOPER  
SR MANAGEMENT INTEGRATOR  
SR PAYROLL TECHNICIAN  
SR PLANNER  
SR PROCUREMENT SPECIALIST  
SR PROJECT MANAGER  
SR SECRETARY  
SR SFGDS & SECURITY SPECIALIST  
SR SHIFT MANAGER  
SR SPECIALIST  
SR SUBCONTRACT SPECIALIST  
SR TECHNICAL WRITER/EDITOR  
SR TRAINING SPECIALIST  
SUBCONTRACT SPECIALIST  
SUPPLY  
SUPPORT SUPERVISOR

SUPT/BUS ADMIN MGR  
TA MGR GRP MGT  
TA MGR P M  
TECH ADM ADMINISTRATOR  
TECH ADM ASSESSOR  
TECH ADM CONSTRUCTION COORD  
TECH ADM COORDINATOR  
TECH ADM ENV COMPL ADMIN  
TECH ADM PA  
TECH ADM PROGRAM ADMIN  
TECH ADM PROGRAM COORD  
TECH ADM SAFETY ANALYST  
TECH ADM STANDARDS ANALYST  
TECH ADMIN PROG CONSULT  
TECHNICAL SUPERVISOR  
TECHNICAL WRITER/EDITOR  
TRAINING SPECIALIST  
TRNG COORDINATOR  
TRNG INSTRUCTOR DEVELOPER  
TRNG MGR GEN  
TRNG PROGRAM COORDINATOR  
UNEVALUATED MANAGER

**PROFESSIONAL**

ASSOC CHEMIST  
ASSOC ENGINEER  
ASSOC ENGINEERING TECHNOLOGIST  
ASSOC ENVIRON PROTECTION ENG  
ASSOC ENVIRONMENTAL ENGINEER  
ASSOC ENVIRONMENTAL SCIENTIST  
ASSOC FELLOW ENGINEER  
ASSOC FELLOW SCIENTIST  
ASSOC MECHANICAL ENGINEER  
ASSOC PETRO/MINE ENGINEER  
ASSOCIATE ENGINEER CHEMICAL  
ASSOCIATE ENGINEER SAFETY  
ASSOCIATE SCIENTIST  
ASST ENGINEERING TECHNOLOGIST  
CHEMICAL ENGINEER  
CHEMIST  
CIVIL ENGINEER  
CTO SYSTEMS SOFTWARE ENGINEER  
CTO TELECOMM ENGINEER  
DEV ASSOC SCIENCE  
DEVELOPMENT ANL CHEMIST  
EH&S SAFEGUARDS ENGINEER  
ELECTRICAL ENGINEER  
ENGINEER  
ENGINEER ARCHITECT

ENGINEER CONSTRUCTION  
ENGINEER DEVELOPMENT  
ENGINEER PROJECT  
ENGINEER QUALITY  
ENGINEER SYSTEMS  
ENGINEERING TECHNOLOGIST  
ENVIRONMENTAL ENGINEER  
ENVIRONMENTAL SCIENTIST  
EXERCISE PHYSIOLOGIST  
EXPERIMENTAL OPERATOR  
GEOLOGIST  
HEALTH PHYSICIST  
INDUSTRIAL ENGINEER  
IR SYSTEMS ENGINEER  
MECHANICAL ENGINEER  
NUCLEAR ENGINEER  
NURSE  
PHYSICIAN  
PRIN CHEMIST  
PRIN CIVIL ENGINEER  
PRIN COMPUTER ENGINEER  
PRIN ELECTRICAL ENGINEER  
PRIN ENGINEER  
PRIN ENGINEERING TECHNOLOGIST  
PRIN ENVIRON PROTECTION ENGINEER  
PRIN ENVIRONMENTAL ENGINEER  
PRIN ENVIRONMENTAL SCIENTIST  
PRIN GEOLOGIST  
PRIN HEALTH PHYSICIST  
PRIN INDUSTRIAL ENGINEER  
PRIN LIFE SCIENTIST  
PRIN MATERIAL SCIENTIST  
PRIN MECHANICAL ENGINEER  
PRIN NUCLEAR ENGINEER  
PRIN QUALITY ENGINEER  
PRIN REG COMPLIANCE ENGINEER  
PRIN SAFETY ENGINEER  
PRIN SCIENTIST  
PRIN SOCIAL SCIENTIST  
SAFETY ENGINEER  
SCIENTIST  
SPEC ENGINEERING  
SR CHEMIST  
SR ELECTRICAL ENGINEER  
SR ENGINEER  
SR ENGINEERING TECHNOLOGIST  
SR ENVIRONMENTAL ENGINEER  
SR ENVIRONMENTAL PROTECTION ENGINEER  
SR ENVIRONMENTAL SCIENTIST

SR GEOLOGIST  
SR HEALTH PHYSICIST  
SR LIFE SCIENTIST  
SR MATERIAL SCIENTIST  
SR MECHANICAL ENGINEER  
SR NUCLEAR ENGINEER  
SR PRIN AIR QUALITY ENV ENG  
SR PRIN CHEMICAL ENGINEER  
SR PRIN CHEMIST  
SR PRIN CIVIL ENGINEER  
SR PRIN ELECTRICAL ENGINEER  
SR PRIN ENGINEER  
SR PRIN ENV PROTECTION ENG  
SR PRIN ENVIRONMENT SCIENTIST  
SR PRIN ENVIRONMENTAL ENGINEER  
SR PRIN GEOLOGIST  
SR PRIN LIFE SCIENTIST  
SR PRIN MATERIAL SCIENTIST  
SR PRIN MECHANICAL ENGINEER  
SR PRIN NUCLEAR ENGINEER  
SR PRIN PETRO/MINE ENGINEER  
SR PRIN PHYSICIST  
SR PRIN QUALITY ENGINEER  
SR PRIN SAFETY ENGINEER  
SR PRIN SCIENTIST  
SR QUALITY ENGINEER  
SR SAFETY ENGINEER  
SR SCIENTIST  
SR SOCIAL SCIENTIST  
STAFF ENGINEER CIVIL  
STAFF ENGINEER INDUSTRIAL  
STAFF ENGINEER NUCLEAR  
STAFF ENGINEER PROJECT  
STAFF ENGINEER SAFETY  
STAFF ENGINEER SYSTEMS

**TECHNICAL**

ALARM/TELECO TECH  
ASSOC FIRE INSP TECHNICIAN  
ASSOC INDUSTRIAL HYGIENIST  
ASSOC TECHNICIAN  
DESIGNER  
DRAFTER  
EH&S INDUSTRIAL HYGIENIST  
EXT DOS TECHNICIAN  
FIRE INSP TECHNICIAN  
INDUSTRIAL HYGIENIST  
LABORATORY TECHNOLOGIST  
MAINTENANCE TECHNOLOGIST



NON-DESTRUCTIVE TESTING TECH  
PRIN INDUSTRIAL HYGIENIST  
PRIN SAFETY PROFESSIONAL  
PRIN SCIENTIFIC TECHNOLOGIST  
PRIN SHIFT TECHNICAL ADVISOR  
PROGRAM SUPPORT  
QUALITY STATISTICIAN  
RISK REDUCTION TECHNICIAN  
SAFETY PROFESSIONAL  
SAFETY/HEALTH TECHNICIAN  
SCIENTIFIC TECHNOLOGIST  
SECURITY INSPECTOR  
SHIFT TECHNICAL ADVISOR  
SPEC COMPUTER OPERATIONS  
SPEC LABORATORY  
SPEC REPRODUCTION  
SPEC SUMMER  
SR DRAFTER  
SR FIRE INSP TECHNICIAN  
SR INDUSTRIAL HYGIENIST  
SR MTCE TECHNICIAN  
SR PRIN INDUS HYGIENIST  
SR PRIN SHIFT TECHNICAL ADVIS  
SR SAFETY PROFESSIONAL  
SR SCIENTIFIC TECHNOLOGIST  
SR SHIFT TECHNICAL ADVISOR  
SR TECHNICAL TEAM LEAD  
SR TECHNICIAN  
TECH SPT EH&S  
TECH SPT ENGINEERING  
TECH SPT MAINTENANCE  
TECH SPT SAFEGUARDS  
TECH SPT SYSTEMS  
TECH SUPT ENGINEERING  
TECH SUPT  
TECHNICAL LEAD  
TECHNICIAN  
V P TECH ASSURANCE  
WASTE WATER TREATMENT OPER

**SERVICE**

ASSOC FIREFIGHTER  
COURIER  
FIREFIGHTER  
KEY PERSONNEL  
LAUNDRY WORKER  
LINEMAN ELECTRICIAN  
SR FIREFIGHTER  
UTILITY WORKER

**SECURITY**

ACT SGT  
ARMED SECURITY GUARD  
ASSOC SFGDS & SECURITY SPLST  
CAPTAIN SECURITY  
CAPTAIN  
CAS LT  
CAS OPERATOR  
CAS OPERATOR UNARMED  
CAS SRGT  
DISPATCH  
EXTERNAL DOSIMETRY TECH  
LIEUTENANT  
MAJOR  
MISSION SUPPORT  
SECURITY INSP  
SFGD FAC SECURITY OFFICER  
SI LT  
SI SGT  
SRT LT  
SRT SECURITY GUARD  
SRT SGT  
UNARMED SECURITY GUARD

**CRAFTS AND MANUAL LABOR**

AUTO MECHANIC  
CARPENTER  
ELECTRICIAN  
EXPERIMENTAL MACHINIST  
GENERAL LABORER  
HEAVY EQUIPMENT OPERATOR  
MAINTENANCE MACHINIST  
PAINTER  
PIPEFITTER  
SHEETMETAL WORKER  
STATIONARY OPERATING ENGINEER

**NUCLEAR**

D&D HAZARDOUS REDUCTION TECH  
D&D SKILLED TRADES  
RADIOLOGICAL CONTROL TECH  
RCT

**OTHER/UNKNOWN**

**Appendix B.** Total Number of Workers Who Reported at Least One Health Event by Gender, Age, and Occupation

	Women						Men						Total
	Age Group					Total	Age Group					Total	
	16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Occupational Group													
Administration	2	23	31	27	1	84	2	16	46	12	4	80	164
Professional	1	3	1	1	0	6	0	3	11	10	0	24	30
Technical	0	3	4	1	0	8	0	7	7	6	0	20	28
Service	0	2	0	0	0	2	0	2	1	1	2	6	8
Security	2	3	5	1	0	11	0	7	9	1	2	19	30
Crafts and Manual Labor	0	0	2	0	0	2	2	12	14	17	1	46	48
Nuclear	3	5	6	2	1	17	1	11	13	4	3	32	49
Other/Unknown	0	0	1	0	0	1	2	1	3	2	0	8	9
<b>Total</b>	<b>8</b>	<b>39</b>	<b>50</b>	<b>32</b>	<b>2</b>	<b>131</b>	<b>7</b>	<b>59</b>	<b>104</b>	<b>53</b>	<b>12</b>	<b>235</b>	<b>366</b>

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**Appendix C.** Total Number of Health Events by Gender, Age, and Occupation

	Women						Men						Total
	Age Group					Total	Age Group					Total	
	16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Occupational Group													
Administrati-on	2	25	37	28	2	94	2	20	54	12	5	93	187
Professional	1	4	1	1	0	7	0	3	11	14	0	28	35
Technical	0	4	4	1	0	9	0	9	11	6	0	26	35
Service	0	2	0	0	0	2	0	2	1	1	2	6	8
Security	2	3	6	1	0	12	0	8	12	1	3	24	36
Crafts and Manual Labor	0	0	2	0	0	2	2	15	17	17	1	52	54
Nuclear	5	7	10	3	1	26	1	15	15	4	4	39	65
Other/Unknown	0	0	1	0	0	1	3	1	3	2	0	9	10
<b>Total</b>	<b>10</b>	<b>45</b>	<b>61</b>	<b>34</b>	<b>3</b>	<b>153</b>	<b>8</b>	<b>73</b>	<b>124</b>	<b>57</b>	<b>15</b>	<b>277</b>	<b>430</b>

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**Appendix D.** Distribution of the Number of Calendar Days Absent/Health Event by Gender and Age

	Women						Men						Total
	Age Group					Total	Age Group					Total	
	16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
# of Calendar Days													
< 15	3	26	28	17	3	77	4	41	68	22	9	144	221
15 - 28	5	8	20	10	0	43	4	22	26	14	2	68	111
29 - 42	0	5	6	4	0	15	0	4	15	7	1	27	42
43 - 56	1	2	2	2	0	7	0	1	4	4	0	9	16
57 - 91	0	4	2	1	0	7	0	4	6	6	1	17	24
92 - 182	1	0	1	0	0	2	0	0	1	3	2	6	8
183 +	0	0	2	0	0	2	0	1	4	1	0	6	8
<b>Total</b>	<b>10</b>	<b>45</b>	<b>61</b>	<b>34</b>	<b>3</b>	<b>153</b>	<b>8</b>	<b>73</b>	<b>124</b>	<b>57</b>	<b>15</b>	<b>277</b>	<b>430</b>

**Appendix E.** Distribution of the Number of Calendar Days Absent/Health Event by Gender and Occupation

	Women									Men								
	Occupational Group									Occupational Group								
	Adm- ini- str- ati- on	Pro- fes- sio- nal	Tec- hni- cal	Ser- vice	Sec- uri- ty	Cra- fts and Man- ual Lab- or	Nuc- lear	Oth- er/- Unk- nown	Tot- al	Adm- ini- str- ati- on	Pro- fes- sio- nal	Tec- hni- cal	Ser- vice	Sec- uri- ty	Cra- fts and Man- ual Lab- or	Nuc- lear	Oth- er/- Unk- nown	Tot- al
# of Calendar Days																		
< 15	48	4	4	2	6	0	13	0	77	48	16	12	3	14	29	22	0	144
15 - 28	24	2	4	0	5	1	7	0	43	25	5	10	0	4	11	8	5	68
29 - 42	10	0	0	0	0	1	3	1	15	11	1	1	1	4	3	2	4	27
43 - 56	5	0	0	0	1	0	1	0	7	4	1	0	1	0	3	0	0	9
57 - 91	5	0	1	0	0	0	1	0	7	4	3	3	0	1	4	2	0	17
92 - 182	1	1	0	0	0	0	0	0	2	0	2	0	1	0	1	2	0	6
183 +	1	0	0	0	0	0	1	0	2	1	0	0	0	1	1	3	0	6
Total	94	7	9	2	12	2	26	1	153	93	28	26	6	24	52	39	9	277

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

		Women						Men						Tot- al
		Age Group					Tot- al	Age Group					Tot- al	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagn- ostic Cate- gory	ICD-9- CM Code													
<b>INFE- TIOUS &amp; PARAS- ITIC DISEA- SES (DIS)</b>	<b>001- 139</b>	<b>1</b>	<b>3</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>3</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>12</b>	<b>23</b>
-Inte- stinal Infec- tious Dis	001- 009	1	0	2	0	0	3	0	2	2	0	0	4	7
-Other Bacte- rial Dis	030- 041	0	2	0	0	0	2	0	0	3	0	0	3	5
-Viral Dis with Exant- hem	050- 057	0	0	0	0	0	0	0	0	1	0	0	1	1
-Other Viral Dis & Chlam- ydiae	070- 079	0	1	4	1	0	6	0	0	2	1	0	3	9
-Other Infec- tions & Paras- itic Dis	130- 136	0	0	0	0	0	0	0	1	0	0	0	1	1

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

(CONTINUED)

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

		Women						Men						Tot- al
		Age Group					Tot- al	Age Group					Tot- al	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagn- ostic Cate- gory	ICD-9- CM Code													
<b>MALIG- NANT NEOPL- ASMS</b>	<b>140- 208, 230- 234</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>8</b>
-Dige- stive & Perit- oneal	150- 159	0	0	0	0	0	0	0	0	0	1	0	1	1
-Brea- st	174- 175	0	0	0	1	0	1	0	0	0	0	0	0	1
-Geni- tour- inary	179- 189	0	0	0	0	0	0	0	0	0	1	0	1	1
-Other & Unspe- cified Sites	190, 193- 199	0	1	1	0	0	2	0	0	0	0	0	0	2
-Lymp- hatic & Hemat- opoie- tic	200- 208	0	0	0	0	0	0	0	0	0	3	0	3	3
<b>BENIGN &amp; UNCER- TAIN NEOPL- ASMS</b>	<b>210- 229, 235- 239</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>2</b>

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

(CONTINUED)

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

		Women						Men						Tot- al
		Age Group					Tot- al	Age Group					Tot- al	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagn- ostic Categ- ory	ICD-9- CM Code													
<b>ENDOC- RINE/- METAB- OLIC/- IMMUN- ITY</b>	<b>240- 279</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>8</b>
-Thyr- oid Gland Disor- ders	240- 246	0	0	1	0	0	1	0	1	0	1	0	2	3
-Other Endoc- rine Gland Dis	250- 259	0	0	0	0	0	0	0	0	0	0	1	1	1
-Other Metab- olic & Immun- ity Disor- ders	270- 279	0	0	1	0	0	1	0	2	1	0	0	3	4
<b>MENTAL DISOR- DERS</b>	<b>290- 319</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>3</b>	<b>1</b>	<b>20</b>	<b>28</b>
-Non- Psych- otic Disor- ders	300- 302, 306- 316	2	2	3	1	0	8	0	7	8	3	1	19	27
-Alco- hol Depen- dence	303	0	0	0	0	0	0	0	1	0	0	0	1	1

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

(CONTINUED)



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

		Women						Men						Tot- al
		Age Group					Tot- al	Age Group					Tot- al	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagn- ostic Cate- gory	ICD-9- CM Code													
<b>NERVO- US SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320- 389</b>	1	1	4	3	0	9	0	2	7	2	1	12	21
-Other Disor- ders of Centr- al NS	340- 349	1	0	0	0	0	1	0	0	0	0	0	0	1
-Disor- ders of Perip- heral NS	350- 359	0	0	1	1	0	2	0	1	1	1	1	4	6
-Disor- ders of Eye	360- 379	0	1	2	2	0	5	0	1	2	1	0	4	9
-Dis of Ear & Masto- id	380- 389	0	0	1	0	0	1	0	0	4	0	0	4	5
<b>CIRCU- LATORY SYSTEM</b>	<b>390- 459</b>	0	0	2	3	0	5	0	1	7	5	2	15	20
-Hype- rtens- ive Dis	401 - 405	0	0	1	1	0	2	0	0	0	0	0	0	2

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

(CONTINUED)

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

		Women						Men						Tot- al
		Age Group					Tot- al	Age Group					Tot- al	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagn- ostic Categ- ory	ICD-9- CM Code													
-Isch- emic Heart Dis	410- 414	0	0	1	0	0	1	0	0	3	4	2	9	10
-Dis of Pulmo- nary Circu- lation	415- 417	0	0	0	0	0	0	0	0	1	0	0	1	1
-Other Heart Dis	420- 429	0	0	0	0	0	0	0	0	1	0	0	1	1
-Cere- brova- scular Dis	430- 438	0	0	0	0	0	0	0	1	0	0	0	1	1
-Dis of Veins, Lymph- atics, Other	451- 459	0	0	0	2	0	2	0	0	2	1	0	3	5
<b>RESPI- RATORY SYSTEM</b>	<b>460- 519</b>	<b>2</b>	<b>28</b>	<b>22</b>	<b>9</b>	<b>4</b>	<b>65</b>	<b>2</b>	<b>19</b>	<b>37</b>	<b>11</b>	<b>1</b>	<b>70</b>	<b>135</b>
-Acute Respi- ratory Infec- tions	460- 466	1	6	8	2	0	17	0	6	6	3	0	15	32

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

(CONTINUED)

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

		Women						Men						Tot- al
		Age Group					Tot- al	Age Group					Tot- al	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagn- ostic Categ- ory	ICD-9- CM Code													
-Other Dis Upper Respi- ratory Tract	470- 478	0	3	5	2	2	12	0	0	10	1	0	11	23
-Pneu- monia & Influ- enza	480- 487	1	7	3	2	1	14	0	10	10	3	0	23	37
-Chro- nic Obstr- uctive Dis	490- 496	0	9	5	1	1	16	2	3	8	1	1	15	31
-Other Respi- ratory Dis	510- 519	0	3	1	2	0	6	0	0	3	3	0	6	12
<b>DIGES- TIVE SYSTEM</b>	<b>520- 579</b>	<b>3</b>	<b>5</b>	<b>6</b>	<b>9</b>	<b>0</b>	<b>23</b>	<b>2</b>	<b>16</b>	<b>14</b>	<b>6</b>	<b>1</b>	<b>39</b>	<b>62</b>
-Oral Cavit- y, Saliva Gland- s, Jaw	520- 529	0	0	0	1	0	1	0	0	0	0	0	0	1
-Esop- hagus, Stoma- ch, Duode- num	530- 537	0	1	3	2	0	6	1	2	1	1	0	5	11

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

(CONTINUED)

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

		Women						Men						Tot- al
		Age Group					Tot- al	Age Group					Tot- al	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagn- ostic Categ- ory	ICD-9- CM Code													
-Appe- ndici- tis	540- 543	1	0	0	0	0	1	0	1	1	0	0	2	3
-Hern- ia	550- 553	0	1	1	0	0	2	0	8	5	2	1	16	18
-Ente- ritis, Colit- is	555- 558	1	2	0	0	0	3	0	3	2	0	0	5	8
-Other Intes- tinal Dis	560- 569	0	0	0	2	0	2	0	1	2	1	0	4	6
-Other Diges- tive Dis	570- 579	1	1	2	4	0	8	1	1	3	2	0	7	15
<b>GENIT- OURIN- ARY SYSTEM</b>	<b>580- 629</b>	<b>1</b>	<b>11</b>	<b>7</b>	<b>5</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>5</b>	<b>29</b>
-Neph- ritis, Neph- rosis	580- 589	0	0	0	0	0	0	0	1	0	0	0	1	1
-Other Urina- ry Dis	590- 599	0	2	0	1	0	3	0	0	0	2	0	2	5
-Male Genit- al Organ Dis	600- 608	0	0	0	0	0	0	0	0	1	1	0	2	2

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

(CONTINUED)

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

		Women						Men						Tot- al
		Age Group					Tot- al	Age Group					Tot- al	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagn- ostic Cate- gory	ICD-9- CM Code													
-Brea- st Disor- ders	610- 611	0	0	1	1	0	2	0	0	0	0	0	0	2
-Pelv- ic Infla- mmato- ry Dis	614- 616	0	1	0	0	0	1	0	0	0	0	0	0	1
-Other Female Disor- ders	617- 629	1	8	6	3	0	18	0	0	0	0	0	0	18
<b>SKIN &amp; SUBCU- TANEO- US TISSUE</b>	<b>680- 709</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>8</b>	<b>9</b>
-Infe- ctions	680- 686	0	0	0	0	0	0	0	1	1	2	1	5	5
-Other	700- 709	1	0	0	0	0	1	0	1	1	1	0	3	4
<b>MUSCU- LOSKE- LETAL &amp; CONNE- CTIVE TISSUE</b>	<b>710- 739</b>	<b>0</b>	<b>7</b>	<b>20</b>	<b>5</b>	<b>0</b>	<b>32</b>	<b>1</b>	<b>13</b>	<b>25</b>	<b>8</b>	<b>5</b>	<b>52</b>	<b>84</b>
-Arth- ropat- hies	710- 719	0	4	6	3	0	13	0	6	10	5	1	22	35
-Dors- opath- ies	720- 724	0	2	10	0	0	12	1	4	14	1	3	23	35

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

(CONTINUED)

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

		Women						Men						Tot- al
		Age Group					Tot- al	Age Group					Tot- al	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagn- ostic Cate- gory	ICD-9- CM Code													
-Rheu- matis- m, Exclu- ding Back	725- 729	0	0	2	1	0	3	0	3	1	2	1	7	10
-Other Dis & Acqui- red Deform- ities	730- 739	0	1	2	1	0	4	0	0	0	0	0	0	4
<b>CONGE- NITAL ANOMA- LIES</b>	<b>740- 759</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>
<b>SYMPT- OMS, SIGNS, &amp; ILL- DEFIN- ED COND.</b>	<b>780- 799</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>15</b>	<b>21</b>
-Symp- toms	780- 789	0	3	2	1	0	6	0	3	10	1	0	14	20
-Non- Speci- fic Abnor- mal Findi- ngs	790- 796	0	0	0	0	0	0	0	0	1	0	0	1	1
<b>INJURY AND POISO- NING</b>	<b>800- 999</b>	<b>2</b>	<b>4</b>	<b>12</b>	<b>5</b>	<b>0</b>	<b>23</b>	<b>7</b>	<b>13</b>	<b>43</b>	<b>14</b>	<b>5</b>	<b>82</b>	<b>105</b>

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

(CONTINUED)

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

		Women						Men						Tot- al
		Age Group					Tot- al	Age Group					Tot- al	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagn- ostic Cate- gory	ICD-9- CM Code													
-Frac- ture - Skull	800- 804	0	0	1	0	0	1	0	0	0	1	0	1	2
-Frac- ture - Neck, Trunk	805- 809	0	0	0	0	0	0	0	0	4	1	1	6	6
-Frac- ture - Upper Limb	810- 819	0	0	1	0	0	1	0	0	4	0	0	4	5
-Frac- ture - Lower Limb	820- 829	0	0	0	2	0	2	1	1	5	2	0	9	11
-Disl- ocati- on	830- 839	0	0	1	0	0	1	1	2	1	2	0	6	7
-Sprains & Strains - Back	846- 847	0	3	3	2	0	8	0	2	10	2	0	14	22
-Sprains & Strains - Other	840- 845, 848	0	1	2	0	0	3	1	4	12	1	2	20	23
-Intr- acran- ial Injury	850- 854	0	0	0	0	0	0	0	0	1	2	0	3	3

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

(CONTINUED)

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

		Women						Men						Tot- al
		Age Group					Tot- al	Age Group					Tot- al	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagn- ostic Categ- ory	ICD-9- CM Code													
-Inter- nal Injury Thora- x, Abdom- en, Pelvis	860- 869	0	0	0	0	0	0	0	0	1	1	0	2	2
-Open Wound Upper Limb	880- 887	0	0	0	0	0	0	0	1	1	0	0	2	2
-Open Wound Lower Limb	890- 897	0	0	0	0	0	0	1	0	1	0	0	2	2
-Late Effec- ts	905- 909	0	0	0	0	0	0	0	0	0	0	1	1	1
-Cont- usion	920- 924	1	0	0	0	0	1	0	0	2	0	1	3	4
-Burns	940- 949	0	0	0	0	0	0	0	1	0	0	0	1	1
-Comp- licat- ions & Unspe- cified Injur- ies	958- 959	0	0	3	0	0	3	3	1	1	2	0	7	10

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

(CONTINUED)



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

		Women						Men						Tot- al
		Age Group					Tot- al	Age Group					Tot- al	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagn- ostic Categ- ory	ICD-9- CM Code													
-Unsp- ecifi- ed Effec- ts - Exter- nal Causes	990- 995	1	0	0	1	0	2	0	0	0	0	0	0	2
-Comp- licat- ions of Surgi- cal/M- edical Care	996- 999	0	0	1	0	0	1	0	1	0	0	0	1	2
<b>HEALTH STATU- S/HEA- LTH SERVI- CE CONTA- CT</b>	<b>V01- V82</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>4</b>
-Heal- th Servi- ces Repro- ducti- on/De- velop- ment	V20- V29	0	0	0	0	0	0	0	0	1	0	0	1	1
-Spec- ific Proce- dures- /Afte- rcare	V50- V59	0	0	1	1	0	2	0	0	0	0	0	0	2

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

(CONTINUED)

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

		Women						Men						Total
		Age Group					Total	Age Group					Total	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagnostic Category	ICD-9-CM Code													
-Other Circumstances	V60-V69	0	0	0	0	0	0	0	1	0	0	0	1	1
Total		13	65	88	44	4	214	12	86	169	64	18	349	563

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

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

Diagnostic Category	Women							Men							Total
	Age Group						Total	Age Group						Total	
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	16 - 29		30 - 39	40 - 49	50 - 59	60 +				
Infections/Parasites	7	46	50	14	0	117	0	34	140	7	0	181	298		
Cancers	0	42	8	33	0	83	0	0	0	286	0	286	369		
Benign Growths	0	0	0	0	0	0	0	0	10	42	0	52	52		
Endocrine/Metabolic	0	0	44	0	0	44	0	29	27	9	13	78	122		
Mental	45	122	60	14	0	241	0	177	166	19	7	369	610		
Nervous System	109	8	124	48	0	289	0	41	115	42	12	210	499		
Heart/Circulatory	0	0	35	53	0	88	0	282	178	212	97	769	857		
Lung/Respiratory	18	202	657	134	28	1039	18	184	664	140	13	1019	2058		
Digestive	45	41	69	169	0	324	17	223	224	116	7	587	911		
Genitourinary	23	305	214	172	0	714	0	10	22	37	0	69	783		
Skin	19	0	0	0	0	19	0	32	23	72	15	142	161		
Muscles and Skeleton	0	175	557	78	0	810	24	387	1330	281	132	2154	2964		
Existing Birth Condition	0	0	0	0	0	0	0	28	39	0	0	67	67		

\*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)

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

	Women						Men						Tot- al
	Age Group					Tot- al	Age Group					Tot- al	
	16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagnos- tic Category													
Unspeci- fied Symptoms	0	110	22	10	0	142	0	85	96	8	0	189	331
Injury and Poisoni- ng	133	96	196	93	0	518	65	309	979	659	142	2154	2672

\*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.

Rocky Flats 1996

Figure 20. Age-Adjusted Rates per 1,000 for All Diagnostic Categories Combined for Men by Occupation, 1993 to 1996

Rate per 1,000

	Administration			Professional			Technical			Service		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	156	192	236	98	118	141	153	187	229	244	358	526
1994	173	199	228	130	155	184	158	192	232	140	189	255
1995	104	128	157	85	106	131	130	160	195	110	150	205
1996	56	80	112	30	42	59	48	69	98	59	90	137

	Crafts and Manual Labor			Nuclear			Other/Unknown		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	174	216	266	178	228	291	0	0	0
1994	115	142	175	150	202	272	0	0	0
1995	150	184	225	340	457	615	17	39	89
1996	115	194	329	125	195	305	70	128	234

Rocky Flats 1996

Figure 21. Age-Adjusted Rates per 1,000 for All Diagnostic Categories Combined for Women by Occupation, 1993 to 1996

Rate per 1,000

	Administration			Professional			Technical			Service		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	341	388	441	224	337	508	384	468	570	339	517	789
1994	433	479	529	231	311	419	385	469	570	299	452	681
1995	272	305	342	173	292	495	360	448	558	169	301	536
1996	113	140	173	50	102	212	66	145	318	119	240	486

	Crafts and Manual Labor			Nuclear			Other/Unknown		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	246	376	572	394	498	629	2	18	125
1994	6	45	322	593	766	988	319	849	2262
1995	23	91	363	469	620	819	4	15	58
1996	43	114	302	495	726	1066	8	37	160

Rocky Flats 1996

Figure 22. Age-Adjusted Rates per 1,000 for Selected Diagnostic Categories by Gender, 1993 to 1996

Rate per 1,000

Men	All Diagnostic Categories			Cancer			Heart/Circulatory		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	169	184	201	1	3	7	10	14	20
1994	167	181	197	2	4	6	5	7	9
1995	139	152	167	1	2	4	4	6	8
1996	80	95	112	<1	1	3	2	4	8

Year	Lung/Respiratory			Injury and Poisoning		
	Lower	Mid	Upper	Lower	Mid	Upper
1993	45	52	61	26	32	39
1994	40	47	55	29	35	42
1995	43	52	61	22	27	33
1996	11	17	24	21	30	42

Rate per 1,000

Women	All Diagnostic Categories			Cancer			Heart/Circulatory		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	370	406	445	2	3	6	9	14	22
1994	441	478	518	2	4	8	4	9	17
1995	294	323	355	<1	1	3	2	3	7
1996	148	176	210	1	2	7	2	4	11

Year	Lung/Respiratory			Injury and Poisoning		
	Lower	Mid	Upper	Lower	Mid	Upper
1993	123	143	167	28	38	53
1994	155	178	204	32	41	51
1995	102	119	140	34	43	54
1996	39	54	74	11	19	33

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

		Women								Total
		Occupational Group								
		Admi- nistrati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>11</b>
-Intestinal Infectious Dis	001-009	2	0	0	0	0	0	1	0	3
-Other Bacterial Dis	030-041	2	0	0	0	0	0	0	0	2
-Other Viral Dis & Chlamydiae	070-079	4	0	0	0	0	0	2	0	6
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230- 234</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>
-Breast	174-175	1	0	0	0	0	0	0	0	1
-Other & Unspecified Sites	190, 193-199	2	0	0	0	0	0	0	0	2
<b>ENDOCRINE/ME- TABOLIC/IMMU- NITY</b>	<b>240-279</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>
-Thyroid Gland Disorders	240-246	1	0	0	0	0	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	1	0	0	0	0	0	0	0	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>8</b>

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

(CONTINUED)

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

		Women								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Non- Psychotic Disorders	300-302, 306- 316	3	1	1	0	1	0	2	0	8
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>9</b>
-Other Disorders of Central NS	340-349	0	1	0	0	0	0	0	0	1
-Disorders of Peripheral NS	350-359	1	0	1	0	0	0	0	0	2
-Disorders of Eye	360-379	4	0	0	0	0	0	1	0	5
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	1	0	0	1
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>
-Hypertensive Dis	401-405	2	0	0	0	0	0	0	0	2
-Ischemic Heart Dis	410-414	1	0	0	0	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	1	0	0	0	1	0	0	0	2
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>32</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>18</b>	<b>0</b>	<b>65</b>
-Acute Respiratory Infections	460-466	8	3	0	1	1	0	4	0	17

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

(CONTINUED)



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

		Women								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Other Dis Upper Respiratory Tract	470-478	6	1	1	0	0	1	3	0	12
-Pneumonia & Influenza	480-487	8	0	0	1	0	1	4	0	14
-Chronic Obstructive Dis	490-496	6	0	0	1	3	0	6	0	16
-Other Respiratory Dis	510-519	4	1	0	0	0	0	1	0	6
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>15</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>23</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	0	0	0	0	0	0	1
-Esophagus, Stomach, Duodenum	530-537	4	1	0	0	1	0	0	0	6
-Appendicitis	540-543	0	0	0	0	0	0	1	0	1
-Hernia	550-553	2	0	0	0	0	0	0	0	2
-Enteritis, Colitis	555-558	0	2	0	0	0	0	1	0	3
-Other Intestinal Dis	560-569	2	0	0	0	0	0	0	0	2
-Other Digestive Dis	570-579	6	0	0	0	1	0	1	0	8

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

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

		Women								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>17</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>24</b>
-Other Urinary Dis	590-599	2	0	0	0	0	0	1	0	3
-Breast Disorders	610-611	2	0	0	0	0	0	0	0	2
-Pelvic Inflammatory Dis	614-616	0	0	1	0	0	0	0	0	1
-Other Female Disorders	617-629	13	0	1	0	1	0	2	1	18
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
-Other	700-709	0	0	0	0	1	0	0	0	1
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>23</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>32</b>
-Arthropathi- es	710-719	9	1	2	0	0	0	1	0	13
-Dorsopathies	720-724	8	0	0	0	2	0	2	0	12
-Rheumatism, Excluding Back	725-729	3	0	0	0	0	0	0	0	3
-Other Dis & Acquired Deformities	730-739	3	0	1	0	0	0	0	0	4

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

(CONTINUED)

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

		Women								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED COND.</b>	<b>780-799</b>	4	0	0	0	1	0	1	0	6
-Symptoms	780-789	4	0	0	0	1	0	1	0	6
<b>INJURY AND POISONING</b>	<b>800-999</b>	12	1	3	0	2	1	4	0	23
-Fracture - Skull	800-804	0	0	0	0	0	0	1	0	1
-Fracture - Upper Limb	810-819	0	0	1	0	0	0	0	0	1
-Fracture - Lower Limb	820-829	2	0	0	0	0	0	0	0	2
-Dislocation	830-839	1	0	0	0	0	0	0	0	1
-Sprains & Strains - Back	846-847	6	0	0	0	2	0	0	0	8
-Sprains & Strains - Other	840-845, 848	1	0	2	0	0	0	0	0	3
-Contusion	920-924	0	0	0	0	0	0	1	0	1
-Complicatio- ns & Unspecified Injuries	958-959	1	0	0	0	0	1	1	0	3
-Unspecified Effects - External Causes	990-995	0	1	0	0	0	0	1	0	2

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

(CONTINUED)

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

		Women								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Complicatio- ns of Surgical/Med- ical Care	996-999	1	0	0	0	0	0	0	0	1
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V82</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
-Specific Procedures/A- ftercare	V50-V59	1	0	0	0	0	0	0	0	1
<b>Total</b>		<b>129</b>	<b>12</b>	<b>11</b>	<b>3</b>	<b>15</b>	<b>4</b>	<b>38</b>	<b>2</b>	<b>214</b>

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

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

		Men								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	5	0	1	0	0	3	3	0	12
-Intestinal Infectious Dis	001-009	1	0	1	0	0	1	1	0	4
-Other Bacterial Dis	030-041	2	0	0	0	0	0	1	0	3
-Viral Dis with Exanthem	050-057	1	0	0	0	0	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	1	0	0	0	0	2	0	0	3
-Other Infections & Parasitic Dis	130-136	0	0	0	0	0	0	1	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230- 234</b>	0	4	0	0	0	1	0	0	5
-Digestive & Peritoneal	150-159	0	1	0	0	0	0	0	0	1
-Genitourina- ry	179-189	0	0	0	0	0	1	0	0	1
-Lymphatic & Hematopoietic	200-208	0	3	0	0	0	0	0	0	3
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235- 239</b>	2	0	0	0	0	0	0	0	2

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

(CONTINUED)

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

		Men								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	1	0	1	0	0	3	1	0	<b>6</b>
-Thyroid Gland Disorders	240-246	1	0	0	0	0	1	0	0	2
-Other Endocrine Gland Dis	250-259	0	0	0	0	0	0	1	0	1
-Other Metabolic & Immunity Disorders	270-279	0	0	1	0	0	2	0	0	3
<b>MENTAL DISORDERS</b>	<b>290-319</b>	<b>7</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>20</b>
-Non-Psychotic Disorders	300-302, 306-316	7	2	2	0	1	3	4	0	19
-Alcohol Dependence	303	0	0	1	0	0	0	0	0	1
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>12</b>
-Disorders of Peripheral NS	350-359	3	0	0	0	0	1	0	0	4
-Disorders of Eye	360-379	1	1	0	0	1	0	1	0	4
-Dis of Ear & Mastoid	380-389	1	0	1	0	0	1	1	0	4

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

(CONTINUED)

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

		Men								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>9</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>15</b>
-Ischemic Heart Dis	410-414	4	0	1	0	0	3	1	0	9
-Dis of Pulmonary Circulation	415-417	1	0	0	0	0	0	0	0	1
-Other Heart Dis	420-429	1	0	0	0	0	0	0	0	1
-Cerebrovasc- ular Dis	430-438	1	0	0	0	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	2	0	0	1	0	0	0	0	3
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>25</b>	<b>11</b>	<b>9</b>	<b>1</b>	<b>7</b>	<b>11</b>	<b>6</b>	<b>0</b>	<b>70</b>
-Acute Respiratory Infections	460-466	4	3	2	0	1	2	3	0	15
-Other Dis Upper Respiratory Tract	470-478	4	1	2	0	1	3	0	0	11
-Pneumonia & Influenza	480-487	9	3	3	0	4	2	2	0	23
-Chronic Obstructive Dis	490-496	7	2	1	1	1	2	1	0	15

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

(CONTINUED)

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

		Men								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Other Respiratory Dis	510-519	1	2	1	0	0	2	0	0	6
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>13</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>5</b>	<b>1</b>	<b>39</b>
-Esophagus, Stomach, Duodenum	530-537	1	0	0	0	0	2	1	1	5
-Appendicitis	540-543	1	0	0	0	0	1	0	0	2
-Hernia	550-553	5	3	1	0	4	2	1	0	16
-Enteritis, Colitis	555-558	1	0	0	0	0	2	2	0	5
-Other Intestinal Dis	560-569	3	0	0	0	0	1	0	0	4
-Other Digestive Dis	570-579	2	1	0	0	1	2	1	0	7
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>5</b>
-Nephritis, Nephrosis	580-589	0	0	0	0	0	1	0	0	1
-Other Urinary Dis	590-599	0	0	0	0	0	2	0	0	2
-Male Genital Organ Dis	600-608	1	0	0	0	0	1	0	0	2
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>8</b>

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



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

		Men								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Infections	680-686	1	0	0	0	0	2	1	1	5
-Other	700-709	1	1	1	0	0	0	0	0	3
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>16</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>9</b>	<b>10</b>	<b>6</b>	<b>5</b>	<b>52</b>
-Arthropathies	710-719	8	2	2	0	1	5	3	1	22
-Dorsopathies	720-724	5	1	1	0	8	4	1	3	23
-Rheumatism, Excluding Back	725-729	3	0	0	0	0	1	2	1	7
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED COND.</b>	<b>780-799</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>15</b>
-Symptoms	780-789	3	2	2	0	0	5	2	0	14
-Non-Specific Abnormal Findings	790-796	1	0	0	0	0	0	0	0	1
<b>INJURY AND POISONING</b>	<b>800-999</b>	<b>28</b>	<b>5</b>	<b>7</b>	<b>4</b>	<b>4</b>	<b>10</b>	<b>18</b>	<b>6</b>	<b>82</b>
-Fracture - Skull	800-804	1	0	0	0	0	0	0	0	1
-Fracture - Neck, Trunk	805-809	3	0	1	0	0	0	2	0	6

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

(CONTINUED)

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

		Men								
		Occupational Group								Total
		Admi- nistrati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Fracture - Upper Limb	810-819	0	1	2	0	1	0	0	0	4
-Fracture - Lower Limb	820-829	3	0	0	0	0	4	1	1	9
-Dislocation	830-839	2	1	1	1	0	0	0	1	6
-Sprains & Strains - Back	846-847	5	0	0	0	3	2	4	0	14
-Sprains & Strains - Other	840-845, 848	8	0	1	3	0	4	3	1	20
-Intracranial Injury	850-854	1	1	0	0	0	0	1	0	3
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	1	0	1	0	0	0	0	0	2
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	1	1	2
-Open Wound - Lower Limb	890-897	1	0	0	0	0	0	1	0	2
-Late Effects	905-909	0	0	0	0	0	0	1	0	1
-Contusion	920-924	1	1	0	0	0	0	1	0	3
-Burns	940-949	0	0	0	0	0	0	1	0	1
-Complicatio- ns & Unspecified Injuries	958-959	2	1	1	0	0	0	1	2	7

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

(CONTINUED)

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

		Men								Total
		Occupational Group								
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Complicatio- ns of Surgical/Med- ical Care	996-999	0	0	0	0	0	0	1	0	1
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V82</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>
-Health Services Reproduction- /Development	V20-V29	0	0	0	0	0	0	1	0	1
-Other Circumstances	V60-V69	0	1	0	0	0	0	0	0	1
<b>Total</b>		<b>119</b>	<b>34</b>	<b>33</b>	<b>6</b>	<b>27</b>	<b>67</b>	<b>50</b>	<b>13</b>	<b>349</b>

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

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

		Women								Total
		Occupational Group								
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category										
Infections/Parasites		94	0	0	0	0	0	23	0	117
Cancers		83	0	0	0	0	0	0	0	83
Endocrine/Metabolic		44	0	0	0	0	0	0	0	44
Mental		101	14	63	0	18	0	45	0	241
Nervous System		120	109	20	0	0	19	21	0	289
Heart/Circulatory		64	0	0	0	24	0	0	0	88
Lung/Respiratory		717	31	8	18	61	19	185	0	1039
Digestive		217	13	0	0	20	0	74	0	324
Genitourinary		581	0	37	0	12	0	46	38	714

Skin	0	0	0	0	19	0	0	0	19
Muscles and Skeleton	400	25	97	0	18	0	270	0	810
Unspecified Symptoms	94	0	0	0	10	0	38	0	142
Injury and Poisoning	235	109	34	0	45	29	66	0	518

\*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.

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

Diagnostic Category	Men								
	Occupational Group								Total
	Admi-nist-rati-on	Prof-essional	Tech-nical	Serv-ice	Secu-rity	Craf-ts and Manu-al Labor	Nucl-ear	Othe-r/Un-known	
Infections/Parasites	104	0	8	0	0	34	35	0	181
Cancers	0	224	0	0	0	62	0	0	286
Benign Growths	52	0	0	0	0	0	0	0	52
Endocrine/Metabolic	14	0	8	0	0	43	13	0	78
Mental	144	73	27	0	27	33	65	0	369
Nervous System	112	7	8	0	29	21	33	0	210
Heart/Circulatory	502	0	21	47	0	171	28	0	769
Lung/Respiratory	204	97	100	10	71	469	68	0	1019
Digestive	210	45	10	0	83	173	50	16	587
Genitourinary	22	0	0	0	0	47	0	0	69
Skin	36	16	9	0	0	32	14	35	142
Muscles and Skeleton	462	104	105	0	398	214	766	105	2154
Existing Birth Condition	7	0	60	0	0	0	0	0	67
Unspecified Symptoms	38	29	72	0	0	23	27	0	189
Injury and Poisoning	632	193	147	163	53	242	648	76	2154

\*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.

**Appendix J.** Relative Risk Estimates for Selected Diagnostic Categories Among Five-Day Absences

Diagnostic Categories	Administration 2220 Person-Years				Professional 744 Person-Years				Technical 388 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	164	0.8	0.6	1.0	30	0.5	0.4	0.8	28	1.0	0.7	1.5
Infections/Parasites	12	1.0	0.4	2.5	0				1	0.6	0.1	4.6
Mental	8	0.7	0.3	1.6	3	0.9	0.3	3.0	3	1.9	0.6	6.4
Nervous System	10	0.8	0.3	1.9	2	0.6	0.1	2.8	2	1.4	0.3	5.7
Heart/Circulatory	12	2.2	0.8	5.9	0				1	0.7	0.1	5.4
Lung/Respiratory	37	0.6	0.4	0.9	10	0.8	0.4	1.5	7	1.1	0.5	2.4
Digestive	27	0.9	0.5	1.6	5	0.6	0.2	1.4	1	0.2	0.03	1.6
Genitourinary	18	1.2	.5	2.7	0				2	1.4	0.3	5.8
Muscles & Skeleton	31	0.8	0.5	1.4	4	0.4	0.1	1.0	5	0.9	0.4	2.3
Unspecified Symptoms	7	0.6	0.2	1.7	2	0.7	0.2	3.1	2	1.4	0.3	6.2
Injury & Poisoning	34	0.8	0.5	1.2	5	0.3	0.1	0.9	9	1.4	0.7	2.7

Fractures-Lower Limb	5	1.2	0.3	5.2	0				0			
Back Sprains and Strains	9	1.0	0.4	2.8	0				0			
Other Sprains and Strains	8	0.9	0.4	2.1	0				3	1.9	0.6	6.1

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

\*\* RR= Relative Risk. Adjusted for age and gender-compared with all occupational categories.

\*\*\*CI= Confidence Limit.

(CONTINUED)

**Appendix J.** Relative Risk Estimates for Selected Diagnostic Categories Among Five-Day Absences

Diagnostic Categories	Service 139 Person-Years				Security 368 Person-Years				Crafts and Manual Labor 400 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	8	0.8	0.4	1.6	30	1.2	0.9	1.8	48	1.9	1.4	2.6
Infections/Parasites	0				0				3	2.9	0.8	11.2
Mental	0				2	1.4	0.3	6.1	2	1.2	0.3	5.7
Nervous System	0				1	0.8	0.1	6.1	3	2.2	0.6	7.7
Heart/Circulatory	1	2.0	0.3	15.7	1	1.0	0.1	7.4	2	1.2	0.2	5.8
Lung/Respiratory	3	1.2	0.4	3.9	9	1.5	0.8	3.0	9	1.7	0.9	3.5
Digestive	0				7	1.6	0.7	3.6	10	2.9	1.5	5.9
Genitourinary	0				1	0.7	0.1	5.3	3	10.6	1.7	66.2
Muscles & Skeleton	0				7	1.6	0.7	3.4	9	1.8	0.9	3.7
Unspecified Symptoms	0				1	0.8	0.1	6.0	3	2.9	0.7	11.5
Injury & Poisoning	4	1.8	0.6	5.1	4	0.7	0.3	1.8	9	1.3	0.6	2.5
Fractures-Lower Limb	0				0				3	4.9	1.2	20.7
Back Sprains and Strains	0				3	3.0	0.9	10.0	2	1.6	0.3	7.1
Other Sprains and Strains	3	6.5	1.7	25.1	0				4	2.4	0.8	7.3

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

\*\* RR= Relative Risk. Adjusted for age and gender-compared with all occupational categories.

\*\*\*CI= Confidence Limit.

(CONTINUED)

**Appendix J.** Relative Risk Estimates for Selected Diagnostic Categories Among Five-Day Absences

Diagnostic Categories	Nuclear 360 Person-Years				Other/Unknown 208 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event *	RR**	Lower 95% CI+	Upper 95% CI+	Persons with 1+ Event *	RR**	Lower 95% CI+	Upper 95% CI+	
All Diagnostic Categories	49	2.1	1.5	2.8	9	0.6	0.3	1.1	366
Infections/Parasites	6	5.3	2.1	13.8	0				22
Mental	3	2.1	0.6	7.4	0				21
Nervous System	3	2.4	0.7	8.1	0				21
Heart/Circulatory	1	0.8	0.1	6.1	0				18
Lung/Respiratory	16	2.9	1.7	5.0	0				91
Digestive	7	1.8	0.8	4.0	1	0.4	0.1	2.6	58
Genitourinary	2	1.5	0.4	6.2	1	0.7	0.1	5.4	27
Muscles & Skeleton	9	2.0	1.0	4.0	4	1.4	0.5	4.0	69
Unspecified Symptoms	3	2.6	0.8	9.0	0				18
Injury & Poisoning	15	2.8	1.6	4.8	3	0.8	0.3	2.8	83
Fractures-Lower Limb	1	1.4	0.2	11.1	1	2.6	0.2	28.5	10
Back Sprains and Strains	4	3.9	1.2	12.2	0				18
Other Sprains and Strains	1	0.6	0.1	4.9	1	1.2	0.1	10.7	20

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

\*\* RR= Relative Risk. Adjusted for age and gender-compared with all occupational categories.

\*\*\*CI= Confidence Limit.

**Appendix K: Occupational Sentinel Health Events (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*.

Health Conditions - 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
354M	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, Sequoias	
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)



Health Conditions - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
011	Pulmonary tuberculosis	
011,502	Silicotuberculosis	Production
020	Plague	
021	Tularemia	
022	Anthrax	
023	Brucellosis	
031.1	Fish-fancier's finger	
054.6	Herpetic whitlow	
037	Tetanus	Nonproduction
042	Human immuno-deficiency virus	
056	Rubella	
070.0, 070.1	Hepatitis A	
070.2, 070.3	Hepatitis B	
070.4	Non-A, non-B hepatitis	
071	Rabies	Nonproduction
073	Ornithosis	
082.0	Rocky Mountain spotted fever	
100.8	Leptospirosis	
115	Histoplasmosis	Nonproduction
117.1	Sporotrichosis	
147	Malignant neoplasm of nasopharynx	Nonproduction
160.0	Malignant neoplasm of nasal cavities	Nonproduction
161	Malignant neoplasm of larynx	Production
162	Malignant neoplasm of trachea, bronchus, and lung	Production
170	Malignant neoplasm of bone	Production

(CONTINUED)

Health Conditions - 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	



Administration	26	253	10	23	257	29	49	510	39
Professional	3	54	6	3	115	8	6	169	14
Technical	1	9	1	10	51	5	11	60	6
Service	2	23	1	8	198	85	10	221	86
Security	2	62	0	19	80	48	21	142	48
Crafts and Manual Labor	0	0	0	38	492	118	38	492	118
Nuclear	5	93	8	13	239	22	18	332	30
Other/Unknown	5	0	1	5	51	0	10	51	1
Total	44	494	27	119	1483	315	163	1977	342

**Appendix 0.** Number of Diagnoses in Each Diagnostic Category by Gender and Age\*

		Women						Men						Total
		Age Group					Total	Age Group					Total	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagnostic Category	ICD-9-CM Code													
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	1	0	1	3	0	5	0	0	0	0	0	0	5
-Other Disorders of Central NS	340-349	0	0	1	0	0	1	0	0	0	0	0	0	1
-Disorders of Peripheral NS	350-359	0	0	0	1	0	1	0	0	0	0	0	0	1
-Disorders of Eye	360-379	1	0	0	2	0	3	0	0	0	0	0	0	3
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	0	0	1	0	0	1	0	0	0	0	0	0	1
-Other Dis Upper Respiratory Tract	470-478	0	0	1	0	0	1	0	0	0	0	0	0	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	1	2	0	0	3	0	0	0	2	0	2	5
-Infections	680-686	0	0	0	0	0	0	0	0	0	1	0	1	1
-Other Inflammatory Conditions	690-698	0	1	1	0	0	2	0	0	0	1	0	1	3
-Other	700-709	0	0	1	0	0	1	0	0	0	0	0	0	1
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	0	7	9	7	3	26	4	13	15	14	2	48	74
-Arthropathies	710-719	0	5	6	4	1	16	0	3	8	7	1	19	35
-Dorsopathies	720-724	0	0	0	0	0	0	3	6	4	2	1	16	16

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

(CONTINUED)

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

		Women						Men						Total
		Age Group					Total	Age Group					Total	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagnostic Category	ICD-9-CM Code													
-Rheumatism, Excluding Back	725-729	0	2	3	3	2	10	1	4	3	5	0	13	23
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED COND.</b>	<b>780-799</b>	<b>0</b>	<b>3</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>8</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>13</b>	<b>24</b>
-Symptoms	780-789	0	3	7	1	0	11	0	8	2	3	0	13	24
<b>INJURY AND POISONING</b>	<b>800-999</b>	<b>1</b>	<b>12</b>	<b>10</b>	<b>7</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>24</b>	<b>35</b>	<b>21</b>	<b>7</b>	<b>87</b>	<b>117</b>
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	0	0	1	0	0	0	1	1
-Fracture - Upper Limb	810-819	0	1	0	0	0	1	0	0	2	0	0	2	3
-Fracture - Lower Limb	820-829	0	1	0	1	0	2	0	0	0	0	0	0	2
-Dislocation	830-839	0	1	0	0	0	1	0	0	0	0	0	0	1
-Sprains & Strains - Back	846-847	0	0	0	2	0	2	0	4	2	2	0	8	10
-Sprains & Strains - Other	840-845, 848	0	2	2	2	0	6	0	3	4	2	1	10	16
-Intracranial Injury	850-854	0	0	0	1	0	1	0	1	1	1	0	3	4
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	0	0	0	0	0	1	0	0	1	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	2	2	2	6	6

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

(CONTINUED)

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**Appendix 0.** Number of Diagnoses in Each Diagnostic Category by Gender and Age\*

		Women						Men						Total
		Age Group					Total	Age Group					Total	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagnostic Category	ICD-9-CM Code													
-Open Wound - Upper Limb	880-887	0	2	0	0	0	2	0	0	4	1	0	5	7
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0	1	0	0	1	1
-Superficial Injury	910-919	0	1	1	0	0	2	0	0	0	2	1	3	5
-Contusion	920-924	0	0	1	0	0	1	0	1	5	1	1	8	9
-Foreign Body Entering Orifice	930-939	0	0	1	0	0	1	0	0	3	0	0	3	4
-Complications & Unspecified Injuries	958-959	1	4	4	1	0	10	0	10	9	10	2	31	41
-Toxic Effects - Nonmedicinal	980-989	0	0	1	0	0	1	0	1	0	0	0	1	2
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	0	3	1	0	0	4	4
<b>Total</b>		<b>2</b>	<b>23</b>	<b>30</b>	<b>18</b>	<b>3</b>	<b>76</b>	<b>4</b>	<b>45</b>	<b>52</b>	<b>40</b>	<b>9</b>	<b>150</b>	<b>226</b>

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

**Appendix P.** 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 - 59		60 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes										
-Other Disorders of Central NS	340-349	0	0	0	0	87	7	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	0	0	0
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0	0	0
-Other	700-709	0	0	0	0	66	8	0	0	0	0
-Arthropathies	710-719	0	0	178	7	72	9	0	0	29	0
-Rheumatism, Excluding Back	725-729	0	0	8	0	91	8	5	0	29	0
-Symptoms	780-789	0	0	7	0	4	1	0	1	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0	0	0
-Dislocation	830-839	0	0	0	1	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)



**Appendix P.** 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 - 59		60 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes										
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	62	0	0	0	0	0	0	0
-Intracranial Injury	850-854	0	0	0	0	0	0	0	1	0	0
-Open Wound - Upper Limb	880-887	0	0	9	1	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	6	1	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	23	1	10	1	0	0	0	0
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	4	1	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.

**Appendix P.** 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 - 59		60 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes										
-Infections	680-686	0	0	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	107	6	42	5	256	21	90	0
-Dorsopathies	720-724	0	0	102	18	2	3	8	0	9	0
-Rheumatism, Excluding Back	725-729	0	0	79	13	25	3	162	62	0	0
-Symptoms	780-789	0	0	76	6	0	1	168	13	0	0
-Fracture - Neck, Trunk	805-809	0	0	26	0	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	1	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	15	0	6	0	11	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	30	10	31	0	19	0	90	0
-Intracranial Injury	850-854	0	0	2	0	0	0	1	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)

**Appendix P.** 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 - 59		60 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes										
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	0	0	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	4	0	2	0	89	6
-Open Wound - Upper Limb	880-887	0	0	0	0	1	0	0	0	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0	1	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0	14	0
-Contusion	920-924	0	0	0	0	27	22	4	0	14	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	1	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	86	4	78	41	168	111	86	6
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	26	1	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.

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

		Women						Men						Total
		Age Group					Total	Age Group					Total	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Type of Accident	E Codes													
Motor Vehicle Nontraffic	E820-E825	0	1	0	0	0	1	0	1	0	0	0	1	2
Accidental Poisoning - Nonmedicinal	E860-E869	0	0	1	0	0	1	0	1	0	0	0	1	2
Falls	E880-E888	0	5	4	2	0	11	0	4	11	6	3	24	35
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	2	1	1	0	4	4
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	1	0	0	1	0	0	2	0	0	2	3
Other Accidents	E916-E928	1	7	4	3	1	16	2	28	28	19	2	79	95

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

**Appendix R.** 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 - 59		60 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes										
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	0	0	0	0	0
Accidental Poisoning - Nonmedicinal	E860-E869	0	0	0	0	4	1	0	0	0	0
Falls	E880-E888	0	0	62	1	16	2	0	1	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	218	7	87	7	0	0	29	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.

**Appendix R.** 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 - 59		60 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes										
Motor Vehicle Nontraffic	E820-E825	0	0	9	0	0	0	0	0	0	0
Accidental Poisoning - Nonmedicinal	E860-E869	0	0	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	57	7	64	65	197	155	190	6
Natural/Environmental Factors	E900-E909	0	0	26	0	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	1	0	0	0	0
Other Accidents	E916-E928	0	0	337	39	147	3	162	18	12	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.

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

		Women							
		Occupational Group							Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code								
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	2	0	0	0	0	1	2	5
-Other Disorders of Central NS	340-349	0	0	0	0	0	1	0	1
-Disorders of Peripheral NS	350-359	1	0	0	0	0	0	0	1
-Disorders of Eye	360-379	1	0	0	0	0	0	2	3
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	0	0	0	0	1	0	0	1
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	1	0	0	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	1	0	0	0	0	2	0	3
-Other Inflammatory Conditions	690-698	0	0	0	0	0	2	0	2
-Other	700-709	1	0	0	0	0	0	0	1
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	22	1	0	0	0	2	1	26
-Arthropathi- es	710-719	13	1	0	0	0	1	1	16

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

(CONTINUED)

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

		Women							Total
		Occupational Group							
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code								
-Rheumatism, Excluding Back	725-729	9	0	0	0	0	1	0	10
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED COND.</b>	<b>780-799</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>11</b>
-Symptoms	780-789	6	0	0	1	1	3	0	11
<b>INJURY AND POISONING</b>	<b>800-999</b>	<b>17</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>30</b>
-Fracture - Upper Limb	810-819	0	1	0	0	0	0	0	1
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	2	2
-Dislocation	830-839	1	0	0	0	0	0	0	1
-Sprains & Strains - Back	846-847	2	0	0	0	0	0	0	2
-Sprains & Strains - Other	840-845, 848	5	0	0	0	1	0	0	6
-Intracranial Injury	850-854	0	0	0	1	0	0	0	1
-Open Wound - Upper Limb	880-887	0	0	2	0	0	0	0	2
-Superficial Injury	910-919	1	0	0	0	0	0	1	2
-Contusion	920-924	0	0	0	0	0	1	0	1

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

(CONTINUED)



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

		Women							Total	
		Occupational Group								
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Nucl- ear	Othe- r/Un- known		
Diagnostic Category	ICD-9-CM Code									
-Foreign Body Entering Orifice	930-939	0	1	0	0	0	0	0	0	1
-Complications & Unspecified Injuries	958-959	7	0	0	1	0	0	0	2	10
-Toxic Effects - Nonmedicinal	980-989	1	0	0	0	0	0	0	0	1
<b>Total</b>		<b>48</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>9</b>	<b>8</b>	<b>76</b>	

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

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

		Men								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>
-Infections	680-686	0	0	0	0	0	1	0	0	1
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	1	1
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>9</b>	<b>2</b>	<b>8</b>	<b>2</b>	<b>11</b>	<b>9</b>	<b>4</b>	<b>3</b>	<b>48</b>
-Arthropathi- es	710-719	2	1	7	0	2	3	2	2	19
-Dorsopathies	720-724	3	0	1	1	7	2	1	1	16
-Rheumatism, Excluding Back	725-729	4	1	0	1	2	4	1	0	13
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED COND.</b>	<b>780-799</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>13</b>
-Symptoms	780-789	3	0	0	0	3	5	2	0	13
<b>INJURY AND POISONING</b>	<b>800-999</b>	<b>19</b>	<b>2</b>	<b>5</b>	<b>6</b>	<b>12</b>	<b>31</b>	<b>11</b>	<b>1</b>	<b>87</b>
-Fracture - Neck, Trunk	805-809	1	0	0	0	0	0	0	0	1
-Fracture - Upper Limb	810-819	0	0	0	0	1	0	1	0	2

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

(CONTINUED)

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

		Men								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Sprains & Strains - Back	846-847	1	0	1	1	1	2	2	0	8
-Sprains & Strains - Other	840-845, 848	2	0	0	2	0	6	0	0	10
-Intracranial Injury	850-854	0	0	0	0	0	2	1	0	3
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	1	0	0	0	0	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	1	0	0	2	3	0	0	6
-Open Wound - Upper Limb	880-887	0	0	1	0	1	3	0	0	5
-Open Wound - Lower Limb	890-897	0	0	0	0	0	1	0	0	1
-Superficial Injury	910-919	2	0	0	0	0	1	0	0	3
-Contusion	920-924	6	0	0	0	0	2	0	0	8
-Foreign Body Entering Orifice	930-939	1	0	0	0	2	0	0	0	3

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

(CONTINUED)

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

		Men								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Complicatio- ns & Unspecified Injuries	958-959	4	1	3	3	4	10	5	1	31
-Toxic Effects - Nonmedicinal	980-989	1	0	0	0	0	0	0	0	1
-Unspecified Effects - External Causes	990-995	0	0	0	0	1	1	2	0	4
Total		31	4	13	8	26	46	17	5	150

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

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

		Women													
		Occupational Group													
		Administ- ration		Professi- onal		Technical		Service		Security		Nuclear		Other/Un- known	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes														
-Other Disorders of Central NS	340-349	0	0	0	0	0	0	0	0	0	0	87	7	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Other	700-709	66	8	0	0	0	0	0	0	0	0	0	0	0	0
-Arthropathi- es	710-719	219	9	54	6	0	0	0	0	0	0	6	1	0	0
-Rheumatism, Excluding Back	725-729	46	1	0	0	0	0	0	0	0	0	87	7	0	0
-Symptoms	780-789	11	1	0	0	0	0	0	1	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Dislocation	830-839	0	1	0	0	0	0	0	0	0	0	0	0	0	0

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

(CONTINUED)

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

		Women													
		Occupational Group													
		Administ- ration		Professi- onal		Technical		Service		Security		Nuclear		Other/Un- known	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes														
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0	0	0	62	0	0	0	0	0
-Intracranial Injury	850-854	0	0	0	0	0	0	0	1	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	9	1	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0	0	0	6	1	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	10	1	0	0	0	0	23	0	0	0	0	0	0	1
-Toxic Effects - Nonmedicinal	980-989	4	1	0	0	0	0	0	0	0	0	0	0	0	0

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

(CONTINUED)

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

		Men															
		Occupational Group															
		Administ- ration		Professi- onal		Technical		Service		Security		Crafts and Manual Labor		Nuclear		Other/Un- known	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes																
-Infections	680-686	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Arthropathi- es	710-719	90	0	113	8	35	5	0	0	0	0	16	0	190	19	51	0
-Dorsopathies	720-724	30	0	0	0	0	0	48	13	10	5	16	0	17	3	0	0
-Rheumatism, Excluding Back	725-729	43	7	0	0	0	0	45	53	0	3	122	9	56	6	0	0
-Symptoms	780-789	8	0	0	0	0	0	0	0	12	0	34	1	190	19	0	0
-Fracture - Neck, Trunk	805-809	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	1	0	0	0	6	0	5	0	0	0	2	0	18	0	0	0
-Sprains & Strains - Other	840-845, 848	93	0	0	0	0	0	27	10	0	0	50	0	0	0	0	0
-Intracranial Injury	850-854	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0

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

(CONTINUED)

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

		Men															
		Occupational Group															
		Administ- ration		Professi- onal		Technical		Service		Security		Crafts and Manual Labor		Nuclear		Other/Un- known	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes																
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Open Wound - Head, Neck, Trunk	870-879	0	0	2	0	0	0	0	0	4	0	89	6	0	0	0	
-Open Wound - Upper Limb	880-887	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
-Superficial Injury	910-919	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Contusion	920-924	39	22	0	0	0	0	0	0	0	0	6	0	0	0	0	
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
-Complicatio- ns & Unspecified Injuries	958-959	25	0	0	0	9	5	73	9	28	41	271	107	12	0	0	
-Toxic Effects - Nonmedicinal	980-989	0	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 and gender/occupational combinations with at least one occurrence appear in this table.

(CONTINUED)



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OSHA DATA

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

		Men															
		Occupational Group															
		Administ- ration		Professi- onal		Technical		Service		Security		Crafts and Manual Labor		Nuclear		Other/Un- known	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes																
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	0	0	26	0	0	1	0	0	0	

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

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OSHA DATA

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

		Women							
		Occupational Group							Total
		Admi- nist- ration	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Nucl- ear	Othe- r/Un- known	
Type of Accident	E CODES								
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	0	1	1
Accidental Poisoning - Nonmedicinal	E860-E869	1	0	0	0	0	0	0	1
Falls	E880-E888	5	1	0	1	1	1	2	11
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	1	0	0	0	0	0	1
Other Accidents	E916-E928	11	1	1	1	0	1	1	16

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

ROCKY FLATS 1996

OSHA DATA

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

		Men								
		Occupational Group								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts and Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Type of Accident	E CODES									
Motor Vehicle Nontraffic	E820-E825	0	0	1	0	0	0	0	0	1
Accidental Poisoning - Nonmedicinal	E860-E869	1	0	0	0	0	0	0	0	1
Falls	E880-E888	7	1	1	2	4	6	3	0	24
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	1	1	2	0	4
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	2	0	0	0	2
Other Accidents	E916-E928	14	1	7	6	12	28	7	4	79

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

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

		Women													
		Occupational Group													
		Administ- ration		Professi- onal		Technical		Service		Security		Nuclear		Other/Un- known	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes														
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	0	0	0	0	0	0	0	0	
Accidental Poisoning - Nonmedicinal	E860-E869	4	1	0	0	0	0	0	0	0	0	0	0	0	
Falls	E880-E888	10	1	0	0	0	0	0	1	62	0	6	1	0	
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Accidents	E916-E928	161	0	54	6	9	1	23	0	0	0	87	7	0	

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

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

		Men															
		Occupational Group															
		Administ- ration		Professi- onal		Technical		Service		Security		Crafts and Manual Labor		Nuclear		Other/Un- known	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes																
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
Accidental Poisoning - Nonmedicinal	E860-E869	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Falls	E880-E888	168	22	0	0	0	5	72	60	28	38	228	108	12	0	0	0
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Other Accidents	E916-E928	88	7	2	0	42	0	126	25	26	9	230	10	93	9	51	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.

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Figure 40. Age-Adjusted Rates per 1,000 for All Diagnostic Categories Combined for Men by Occupation, 1994 to 1996  
Rate per 1,000

Year	Administration			Professional			Technical			Service		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	7	13	25	15	24	39	43	58	77	80	120	181
1995	4	7	11	4	8	14	21	36	61	51	80	124
1996	14	22	35	2	5	13	13	23	41	53	79	118

Year	Crafts and Manual Labor			Nuclear			Other/Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	54	74	101	78	117	174	0	0	0
1995	44	63	91	23	43	80	10	31	99
1996	67	92	126	24	40	65	15	40	106

Figure 41. Age-Adjusted Rates per 1,000 for All Diagnostic Categories Combined for Women by Occupation, 1994 to 1996  
Rate per 1,000

Year	Administration			Professional			Technical			Service		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	28	42	63	9	25	64	59	92	144	50	118	278
1995	18	26	38	6	22	90	36	63	110	39	100	256
1996	44	64	92	5	15	46	5	19	77	26	62	149

Year	Crafts and Manual Labor			Nuclear			Other/Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	0	0	0	43	87	175	0	0	0
1995	6	45	322	79	149	278	0	0	0
1996	0	0	0	47	90	173	59	126	270

Figure 42. Age-Adjusted Rates per 1,000 for Injury and Poisoning by Gender, 1994 to 1996  
Rate per 1,000

Year	Injury and Poisoning Men			Injury and Poisoning Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1994	28	34	42	31	42	57
1995	18	24	32	21	29	40
1996	16	21	27	14	22	34

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

Diagnostic Categories	Administration 2220 Person-Years				Professional 744 Person-Years				Technical 388 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	46	0.4	0.3	0.6	6	0.2	0.1	0.5	11	0.9	0.5	1.7
Muscles and Skeleton	22	0.7	0.4	1.2	3	0.3	0.1	1.1	6	1.6	0.7	3.8
Unspecified Symptoms	6	0.5	0.2	1.2	0				0			
Injury and Poisoning	27	0.4	0.3	0.7	4	0.2	0.1	0.6	6	0.7	0.3	1.7
Other Sprains and Strains	6	0.7	0.2	2.4	0				0			
Unspecified Injuries	11	0.4	0.2	1.0	1	0.1	0.02	1.1	3	1.0	0.3	3.2

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

\*\* RR= Relative Risk. Adjusted for age and gender-compared with all occupational categories.

\*\*\*CI= Confidence Limit.

Diagnostic Categories	Service 139 Person-Years				Security 368 Person-Years				Crafts and Manual Labor 400 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	10	2.3	1.2	4.3	20	1.9	1.2	3.1	35	3.5	2.3	5.2
Muscles and Skeleton	2	1.2	0.3	4.9	6	1.5	0.6	3.7	7	1.8	0.8	4.3
Unspecified Symptoms	1	1.9	0.3	14.2	2	1.5	0.3	6.4	4	5.5	1.6	19.0
Injury and Poisoning	8	3.0	1.4	6.1	13	2.0	1.1	3.6	26	3.9	2.4	6.3
Other Sprains and Strains	2	5.4	1.2	24.6	1	1.0	0.1	7.5	5	10.2	2.5	40.6
Unspecified Injuries	4	3.9	1.4	11.0	4	1.5	0.5	4.2	9	3.3	1.5	7.2

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

\*\* RR= Relative Risk. Adjusted for age and gender-compared with all occupational categories.

\*\*\*CI= Confidence Limit.

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

Diagnostic Categories	Nuclear 360 Person-Years				Other/Unknown 208 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event*	RR**	Lower 95% CI+	Upper 95% CI+	Persons with 1+ Event*	RR**	Lower 95% CI+	Upper 95% CI+	
All Diagnostic Categories	17	1.6	1.0	2.6	10	1.6	0.8	3.1	155
Muscles and Skeleton	5	1.3	0.5	3.3	4	1.8	0.6	5.05	55
Unspecified Symptoms	5	5.3	1.9	14.4	0				18
Injury and Poisoning	10	1.4	0.7	2.7	5	1.3	0.5	3.1	99
Other Sprains and Strains	0				0				14
Unspecified Injuries	4	1.5	0.5	4.2	2	1.3	0.3	5.4	38

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

\*\* RR= Relative Risk. Adjusted for age and gender-compared with all occupational categories.

\*\*\*CI= Confidence Limit.