

SUPPORTING TABLES
HANFORD SITE: 2002

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

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Job Category											
Administrati- on	86	318	580	688	1672	22	155	531	796	1504	3176
Professional	38	146	230	149	563	57	428	1044	1252	2781	3344
Technical	28	113	111	72	324	33	236	305	183	757	1081
Other/Unknown Salaried	62	147	160	93	462	65	252	359	291	967	1429
Service	1	13	40	38	92	7	39	100	81	227	319
Security	1	4	1	2	8	22	45	81	37	185	193
Crafts & Manual Labor	4	8	19	13	44	27	117	434	509	1087	1131
Nuclear	13	47	72	32	164	75	234	311	162	782	946
Other/Unknown	469	267	287	197	1220	427	348	444	602	1821	3041
Total	702	1063	1500	1284	4549	735	1854	3609	3913	10111	14660

Appendix B. Most Common Job Titles in Each Job Category

ADMINISTRATION	PARALEGAL	FIREFIGHTER PARAMEDIC
ACCOUNTANT*	PATENT ATTORNEY	GEOLOGIST
ADMINISTRATIVE ANALYST	PHOTOGRAPHER	HEALTH PHYSICIST*
ADMINISTRATIVE ASSISTANT	PLANNER	HISTOLOGY
ADMINISTRATIVE SPECIALIST	PROFESSIONAL SUPPORT	HYDRO GEOLOGIST
ADMINISTRATIVE*	PROJECT CONTROL*	HYDROLOGIST
ADMINISTRATOR*	QUALITY ASSURANCE*	INDUS SAFETY
ADVISOR*	REALTY OFFICER	INDUSTRIAL HYGIENIST*
ANALYST*	RECEPTIONIST	INSPECTOR*
ASSISTANT ADMINISTRATOR	RECORDS CLERK	MANAGER*
ASSISTANT*	REPRESENTATIVE	MATHEMATICIAN
ASSOC DIRECTOR	SAFEGUARD/SECURITY*	MEDICAL ASSISTANT
ASSOCIATE*	SAFETY	NURSE
AUDITOR*	SCHEDULER	PARAMEDIC
BUYER	SECRETARY	PATHOLOGIST
CLERK	SECURITY	PHLEBOTOMIST
COG ENGINEER	SPECIAL AGENT	PHYSICIAN
COMPUTER PERSONNEL*	SPECIALIST*	PHYSICIAN ASSISTANT
CONFIGURATION	SUPERINTENDENT*	PHYSICIST
CONSULTANT*	SUPERVISOR*	PLANNER SCHEDULER
CONTRACT OFFICER	SWITCHBOARD OPERATOR	POST DOCTORATE
CONTRACTOR*	TEAM LEADER	PRESIDENT
CONTROLLER	TECHNICAL INSTRUCTOR*	PROFESSIONAL
COORDINATOR	TECHNICIAN*	PROGRAMMER
COUNSELOR	TELEPHONE SERVICES	PROGRAMMER ANALYST
DATA ENTRY	TRAINER	PSYCHOLOGIST
DECLASSIFIER	VICE PRESIDENT*	QUALITY ASSURANCE*
DIRECTOR*	WASTE TRANSPORTATION	QUALITY CONTROL*
DISPATCHER	WORD PROCESSOR	RESEARCH ASSOCIATE
EMERGENCY PREPAREDNESS	WRITER/EDITOR*	RESEARCH SCIENTIST*
ENGINEER*		RESEARCHER
ENVIRONMENTALIST	PROFESSIONAL	RESPIRATORY COORDINATOR
ESTIMATOR	ACCOUNTANT*	SCIENTIST*
EXECUTIVE	ADMINISTRATOR*	SPECIALIST*
GENERAL SUPERINTENDENT	ADVISOR*	STAFF ENGINEER
GROUP LEADER*	ANALYST*	SUPERINTENDENT*
GROUP MANAGER	ARCHITECT	SUPERVISOR*
HEALTH & SAFETY	ATTORNEY	SYSTEMS ANALYST
HUMAN RESOURCE*	CHEMIST	TECHNICAL WRITER/EDITOR
INSPECTOR*	COMPUTER PERSONNEL*	TOXICOLOGIST
INSTRUCTOR*	CONSTRUCTION ENGINEER	VICE PRESIDENT*
INTERN	CONSULTANT*	
LABOR RELATIONS	CONTRACT WORKER*	TECHNICAL
LEADER	DATA MANAGEMENT	ANALYST*
LEGAL	DESIGNER*	ANIMAL TECH
LIAISON	DIRECTOR*	ASSISTANT*
MAIL CLERK	ECONOMIST	ASSOCIATE SCIENTIST
MANAGER*	ENGINEER*	BHS TECHNICIAN
MEDICAL ASSISTANT TECH*	EPIDEMIOLOGIST	BUILDING TECHNICIAN
OFFICER CLASSIFICATION	FIREFIGHTER*	CHEMICAL TECH
OPERATIONS PERSONNEL	FIREFIGHTER EMT*	COMMUNICATION TECH

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

(Continued)

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Appendix B. Most Common Job Titles in Each Job Category

COMPUTER PERSONNEL*	CONTRACTOR*	FITNESS TRAINING
DESIGNER*	DIRECTOR*	GUARD
DRAFTER*	ENGINEER*	INSTRUCTOR*
ELECTRONIC TECH	ESTIMATOR/PLANNER/SCHEDULER	LT PATROL OPERATIONS
ENGINEER*	GROUP LEADER*	SECURITY GUARD
ENVIRONMENTAL	HEALTH PHYSICIST*	SECURITY POLICE OFFICER
FACILITY ENGINEER	HUMAN RESOURCE*	SECURITY SERVICES
GRAPHICS DESIGNER	MANAGER*	SECURITY SPECIALIST
HEALTH INFORMATION TECH	POSTDOCTORAL	SECURITY WATCHMAN
HEALTH PHYSICS TECHNICIAN*	RESEARCH	SHIFT COMMANDER
HISTOLOGY TECH	SAFETY/SECURITY	SUPERVISOR*
IH/SAFETY TECH	SCIENTIST*	
INDUSTRIAL HYGIENE TECH	SPECIALIST*	CRAFTS & MANUAL LABOR
INSTRUCTOR*	STAFF	AUTO BODY REPAIR & PAINT
INSTRUMENT TECH*	STUDENT*	AUTOMOTIVE PARTS HANDLER
INVENTORY CONTROL	SUPERVISOR*	BOILERMAKER
LAB TECHNICIAN	TASK/TEAM LEADER	CARPENTER
LASER TECH	TRAINER/INSTRUCTOR*	CONSTRUCTION
MANAGER*	UNKNOWN*	CRANE OPERATOR
MATERIAL HANDLER*	VISITOR	DRAFTER*
MEDIA TECH	WRITER/EDITOR*	ELECTRICIAN
MEDICAL ASSISTANT TECH*		FOREMAN
MEDICAL TECH	SERVICE	GLAZIER GLASSMAKER
OPERATOR*	BATTALION CHIEF	HEAVY EQUIPMENT OPERATOR
PROJECT TECH	BUS DRIVER	INSTRUMENT SPECIALIST
QUALITY ASSURANCE*	CHIEF HANFORD FIRE DEPT	INSTRUMENT TECH*
RADIOLOGICAL & MED TECH	CUSTODIAN	INSULATOR
RESEARCH ASSISTANT	DEPUTY FIRE CHIEF	IRONWORKER
RESEARCH TECHNICIAN	DRIVER	IRONWORKER/RIGGER
SCHEDULING TECHNICIAN	DRIVER HEAVY	LAB INSTRUMENT SPE
SCIENTIFIC TECHNICIAN	DRIVER LIGHT	LABORATORY MACHINIST
SPECIALIST*	FIRE PROTECTION ENGINEER	LABORER
STUDENT TECH	FIREFIGHTER*	LINEMAN
SUPERINTENDENT*	FIREFIGHTER EMT*	LOCKSMITH/SAFE MASTER
SUPERVISOR*	FLOOR SERVICE	LUBE & TIRE MAN
TECHNICAL INSTRUCTOR*	INSPECTOR*	MACHINIST
TECHNICAL SPECIALIST	JANITOR	MANAGER*
TECHNICAL SUPPORT	MAIL MESSENGER	MASON
TECHNICIAN*	OPERATOR*	MECHANIC
TECHNOLOGIST	QUALITY ASSURANCE*	METAL WORKER
TRANSPORTATION SPECIALIST	QUALITY CONTROL*	MILLWRIGHT
	REPRODUCTION	OILIER
OTHER/UNKNOWN SALARIED	RES EQUIPMENT MAN	OPERATING ENGINEER
ACCOUNTANT*	SERVICEPERSON	PAINTER
ADMINISTRATIVE*	SURVEYOR	PAINTER SIGN
ADMINISTRATOR*	TRACK INSPECTOR	PAINTER/CARPET INSTALLER
ASSISTANT*	TRACK WORKING	PILE DRIVER
ASSOCIATE*		PIPEFITTER
CHEMICAL ENGINEER	SECURITY	PLUMBER/STEAMFITTER
COE*	CAPT PATROL	RIGGER
COMPUTER PERSONNEL*	DEPUTY SHERIFF	SHEETMETAL WORKER

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

(Continued)

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Appendix B. Most Common Job Titles in Each Job Category

STATIONARY ENGINEER	NUCLEAR PROCESS OPERATOR*	CONTRACT WORKER*
STOCK & TOOL ATTENDANT	NUCLEAR SAFETY	CONTRACTOR*
STOREKEEPER	NUCLEAR WASTE OPERATOR	DESIGNER*
SUPERVISOR*	OPERATOR*	DIRECTOR*
TEAMSTER	POWER OPERATOR	ENGINEER*
TOOL CRIB ATTENDANT	RAD CONTROL	HEALTH PHYSICS TECH*
TRUCK DRIVER	RAD PROTECT TECH	INDUSTRIAL HYGIENIST*
WELDER	RADIATION MONITOR	INSTRUMENT & CONTROL TECH
	REACTOR FUELS OPERATOR	MANAGER*
NUCLEAR	REACTOR OPERATOR	NUCLEAR PROCESS OPERATOR*
DECOM/DECONTAM WORKER*	SAFEGUARD/SECURITY*	OPERATOR*
ENGINEER*	SOE	PROJECT CONTROL*
ENVIRONMENTAL MANAGEMENT	SPECIALIST*	SCIENTIST*
HAZARDOUS MATERIAL	SUPERVISOR*	SPECIALIST*
HAZARDOUS WASTE*	TECH SPEC NUCLEAR	STUDENT*
HEALTH PHYSICIST*	TECHNICIAN*	SUPERVISOR*
HEALTH PHYSICS TECHNICIAN*	UTILITY SYSTEM OPERATOR	TECHNICIAN*
MANAGER*		UNKNOWN*
NUCLEAR CHEMICAL OPERATOR	OTHER/UNKNOWN	VENDOR
NUCLEAR CONT POWER OPER CHIEF	ASSISTANT*	WRITER/EDITOR*
NUCLEAR MATERIAL	ASSOCIATE*	
NUCLEAR OPERATOR	COE*	

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

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Appendix C. Work Force Demographics**Part 1. Percentage of Men in Different Age Groups from 1993 to 2002**

Year	16-29	30-39	40-49	50+
1993	13	30	31	26
1994	13	29	31	27
1995	12	29	34	25
1996	8	28	37	27
1997	8	27	40	25
1998	7	25	39	29
1999	7	23	38	32
2000	7	21	37	35
2001	8	20	36	36
2002	7	18	36	39

Part 2. Percentage of Women in Different Age Groups from 1993 to 2002

Year	16-29	30-39	40-49	50+
1993	29	28	26	17
1994	29	28	26	17
1995	26	29	29	16
1996	19	29	33	19
1997	18	30	33	19
1998	17	29	33	21
1999	17	28	33	22
2000	17	26	33	24
2001	15	25	34	26
2002	16	23	33	28

Part 3. Percentage of Men in Different Job Categories from 1993 to 2002

Year	Administ ration	Professi onal	Technica l	Other/Un known Salaried	Service	Security	Crafts & Manual Labor	Nuclear	Other/Un known
1993	18	35	15	*	7	**	12	7	6
1994	24	33	11	3	7	**	10	3	9
1995	27	36	10	1	4	1	12	5	4
1996	25	38	10	1	3	2	13	6	2
1997	23	33	8	6	3	2	8	7	10
1998	22	32	8	5	3	2	8	6	14
1999	21	31	8	5	3	2	8	7	15
2000	15	24	7	16	2	2	8	5	21
2001	15	27	8	12	2	2	8	7	19
2002	15	27	7	10	2	2	11	8	18

* These employees were included in various categories in 1993

**These employees were included in service category 1993 through 1994

(Continued)

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Appendix C. Work Force Demographics**Part 4. Percentage of Women in Different Job Categories from 1993 to 2002**

Year	Administ ration	Professi onal	Technica l	Other/Un known Salaried	Service	Security	Crafts & Manual Labor	Nuclear	Other/Un known
1993	56	12	12	*	3	**	1	3	13
1994	55	12	10	2	3	**	1	2	15
1995	59	15	9	2	3	<1	1	2	9
1996	61	16	10	1	3	<1	2	3	4
1997	50	13	9	5	2	<1	1	3	17
1998	46	13	8	4	2	<1	1	3	23
1999	45	12	8	4	2	<1	1	3	24
2000	36	10	7	12	2	<1	1	2	29
2001	36	12	7	12	2	<1	1	3	26
2002	37	12	7	10	2	<1	1	4	27

* These employees were included in various categories in 1993

**These employees were included in service category 1993 through 1994

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Appendix D. Total Number of Workers Who Reported at Least One Absence by Gender, Age, and Job Category

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Job Category											
Administrati- on	7	34	72	60	173	0	7	26	59	92	265
Professional	2	10	14	15	41	3	21	50	69	143	184
Technical	1	26	23	15	65	2	19	50	20	91	156
Other/Unknown Salaried	0	7	10	7	24	0	7	18	21	46	70
Service	0	1	8	10	19	0	6	20	18	44	63
Security	0	0	0	0	0	3	3	15	8	29	29
Crafts & Manual Labor	2	3	4	3	12	3	12	67	110	192	204
Nuclear	4	10	17	7	38	14	39	53	39	145	183
Other/Unknown	10	20	13	11	54	7	5	30	26	68	122
Total	26	111	161	128	426	32	119	329	370	850	1276

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

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Job Category											
Administrati- on	13	40	89	70	212	0	11	28	63	102	314
Professional	3	14	17	17	51	5	22	59	90	176	227
Technical	1	37	33	19	90	2	20	57	27	106	196
Other/Unknown Salaried	0	8	11	9	28	0	10	26	26	62	90
Service	0	1	12	13	26	0	7	33	18	58	84
Security	0	0	0	0	0	3	4	19	11	37	37
Crafts & Manual Labor	3	4	7	3	17	6	13	85	145	249	266
Nuclear	4	14	22	12	52	15	49	76	49	189	241
Other/Unknown	10	23	17	16	66	7	5	36	30	78	144
Total	34	141	208	159	542	38	141	419	459	1057	1599

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

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
# of Calendar Days											
< 15	18	74	87	65	244	28	91	245	245	609	853
15 - 28	7	17	39	34	97	1	18	62	65	146	243
29 - 42	4	14	26	16	60	4	9	35	57	105	165
43 - 56	2	11	22	16	51	1	10	21	33	65	116
57 - 91	1	11	16	20	48	3	5	24	28	60	108
92 - 182	2	11	11	6	30	0	6	24	23	53	83
183 +	0	3	7	2	12	1	2	8	8	19	31
Total	34	141	208	159	542	38	141	419	459	1057	1599

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

	Women								
	Job Category								Total
	Admin- istra- tion	Profe- ssion- al	Techn- ical	Other- /Unkn- own Salar- ied	Servi- ce	Crafts & Manual Labor	Nucle- ar	Other- /Unkn- own	
# of Calendar Days									
< 15	89	25	48	11	13	7	19	32	244
15 - 28	31	13	10	9	1	3	14	16	97
29 - 42	33	3	5	2	2	3	5	7	60
43 - 56	23	2	8	2	5	2	7	2	51
57 - 91	16	4	11	2	2	1	5	7	48
92 - 182	14	2	6	1	2	1	2	2	30
183 +	6	2	2	1	1	0	0	0	12
Total	212	51	90	28	26	17	52	66	542

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

(Continued)

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

	Men									
	Job Category									Total
	Admin- istra- tion	Profe- ssion- al	Techn- ical	Other- /Unkn- own Salar- ied	Servi- ce	Secur- ity	Crafts & Manual Labor	Nucle- ar	Other- /Unkn- own	
# of Calendar Days										
< 15	53	98	71	30	33	29	135	117	43	609
15 - 28	16	33	13	13	6	4	25	23	13	146
29 - 42	13	15	8	7	7	0	33	18	4	105
43 - 56	9	15	6	5	1	0	13	10	6	65
57 - 91	1	7	5	6	3	1	23	11	3	60
92 - 182	8	5	3	1	5	2	14	7	8	53
183 +	2	3	0	0	3	1	6	3	1	19
Total	102	176	106	62	58	37	249	189	78	1057

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

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	0	5	9	15	1	5	12	13	31	46
-Intestinal Infectious Dis	001-009	0	0	3	0	3	0	0	1	2	3	6
-Other Bacterial Dis	030-041	0	0	1	0	1	0	0	3	1	4	5
-Polio & Other Viral CNS Dis	045-049	0	0	0	0	0	0	1	0	0	1	1
-Viral Dis with Exanthem	050-057	0	0	0	4	4	0	1	0	3	4	8
-Other Viral Dis & Chlamydiae	070-079	1	0	0	5	6	1	3	7	6	17	23
-Rickettsi- oses & Other Arthropod	080-088	0	0	1	0	1	0	0	0	0	0	1
-Mycoses	110-118	0	0	0	0	0	0	0	0	1	1	1
-Other Infections & Parasitic Dis	130-136	0	0	0	0	0	0	0	1	0	1	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	4	5	10	19	1	5	16	48	70	89
-Digestive & Peritoneal	150-159	0	0	0	1	1	0	0	2	9	11	12

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

(Continued)

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Respiratory & Intrathoracic	160-165	0	0	0	1	1	0	0	1	3	4	5
-Bone, Connective Tissue, Skin	170-173, 176	0	1	1	0	2	0	0	3	7	10	12
-Breast	174-175	0	2	3	5	10	0	0	1	0	1	11
-Genitourinary	179-189	0	1	0	0	1	1	3	3	27	34	35
-Other & Unspecified Sites	190, 193-199	0	0	1	1	2	0	1	3	1	5	7
-Lymphatic & Hematopoietic	200-208	0	0	0	2	2	0	1	3	1	5	7
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	7	17	3	27	2	1	8	13	24	51
ENDOCRINE/-METABOLIC/-IMMUNITY	240-279	1	4	5	3	13	0	2	8	12	22	35
-Thyroid Gland Disorders	240-246	0	0	2	0	2	0	0	2	0	2	4
-Other Endocrine Gland Dis	250-259	0	1	2	0	3	0	0	3	8	11	14
-Other Metabolic & Immunity Disorders	270-279	1	3	1	3	8	0	2	3	4	9	17

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

(Continued)

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
BLOOD & BLOOD- FORMING ORGANS	280-289	0	0	1	0	1	0	0	1	0	1	2
MENTAL DISORDERS	290-319	3	10	18	8	39	5	6	13	19	43	82
-Psychoses	290-299	1	1	4	1	7	1	1	1	1	4	11
-Non- Psychotic Disorders	300-302, 306-316	2	8	13	7	30	4	3	10	17	34	64
-Alcohol Dependence	303	0	0	1	0	1	0	0	1	0	1	2
-Drug Dependence	304-305	0	1	0	0	1	0	2	1	1	4	5
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	10	25	16	52	3	7	31	36	77	129
-Inflammat- ory Dis of Central NS	320-326	0	0	0	0	0	0	0	1	0	1	1
-Hereditar- y/Degenera- tive Central NS Dis	330-337	0	0	0	1	1	0	0	0	1	1	2
-Other Disorders of Central NS	340-349	1	1	2	2	6	0	0	0	1	1	7
-Disorders of Peripheral NS	350-359	0	2	18	7	27	0	3	16	18	37	64

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

(Continued)

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Disorders of Eye	360-379	0	4	5	0	9	0	1	9	13	23	32
-Dis of Ear & Mastoid	380-389	0	3	0	6	9	3	3	5	3	14	23
CIRCULATORY SYSTEM	390-459	0	5	10	15	30	0	10	28	75	113	143
-Hypertens- ive Dis	401-405	0	1	2	3	6	0	0	6	13	19	25
-Ischemic Heart Dis	410-414	0	0	0	4	4	0	2	10	26	38	42
-Dis of Pulmonary Circulation	415-417	0	0	2	1	3	0	0	1	2	3	6
-Other Heart Dis	420-429	0	3	0	5	8	0	6	7	14	27	35
-Cerebrova- scular Dis	430-438	0	0	0	0	0	0	0	1	4	5	5
-Dis of Arteries & Capillaries	440-448	0	1	0	2	3	0	0	0	2	2	5
-Dis of Veins, Lymphatics, Other	451-459	0	0	6	0	6	0	2	3	14	19	25
RESPIRATORY SYSTEM	460-519	6	20	25	29	80	4	18	52	51	125	205
-Acute Respiratory Infections	460-466	2	6	10	6	24	1	4	14	11	30	54
-Other Dis Upper Respiratory Tract	470-478	4	4	4	5	17	3	8	11	7	29	46

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

(Continued)

Hanford Site 2002

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Pneumonia & Influenza	480-487	0	3	2	4	9	0	3	10	14	27	36
-Chronic Obstructive Dis	490-496	0	5	9	7	21	0	1	10	6	17	38
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	1	3	7	11	11
-Other Respiratory Dis	510-519	0	2	0	7	9	0	1	4	6	11	20
DIGESTIVE SYSTEM	520-579	3	12	23	18	56	3	12	68	64	147	203
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	2	3	5	0	1	4	3	8	13
-Esophagus, Stomach, Duodenum	530-537	0	4	1	1	6	1	1	7	5	14	20
-Appendici- tis	540-543	1	1	0	0	2	0	0	7	3	10	12
-Hernia	550-553	0	2	2	3	7	1	6	21	26	54	61
-Enteritis, Colitis	555-558	0	1	3	2	6	0	1	4	3	8	14
-Other Intestinal Dis	560-569	0	1	2	4	7	1	1	11	11	24	31
-Other Digestive Dis	570-579	2	3	13	5	23	0	2	14	13	29	52

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

(Continued)

Hanford Site 2002

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
GENITOURIN- ARY SYSTEM	580-629	3	23	37	6	69	0	3	12	12	27	96
-Nephritis, Nephrosis	580-589	0	0	1	0	1	0	0	0	1	1	2
-Other Urinary Dis	590-599	0	2	7	2	11	0	3	9	8	20	31
-Male Genital Organ Dis	600-608	0	0	0	0	0	0	0	2	3	5	5
-Breast Disorders	610-611	1	0	1	1	3	0	0	1	0	1	4
-Other Female Disorders	617-629	2	21	28	3	54	0	0	0	0	0	54
PREGNANCY & CHILDBIRTH	630-677	0	3	1	0	4	0	0	0	0	0	4
-Ectopic & Molar Pregnancy	630-633	0	1	1	0	2	0	0	0	0	0	2
-Pregnancy with Abortive Outcome	634-639	0	2	0	0	2	0	0	0	0	0	2
SKIN & SUBCUTANEO- US TISSUE	680-709	0	2	4	3	9	4	4	14	16	38	47
-Infections	680-686	0	1	1	1	3	2	1	6	5	14	17
-Other Inflammat- ory Conditions	690-698	0	1	0	1	2	0	0	0	3	3	5
-Other	700-709	0	0	3	1	4	2	3	8	8	21	25

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

(Continued)

Hanford Site 2002

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
MUSCULOSKE- LETAL & CONNECTIVE TISSUE	710-739	9	27	57	53	146	2	34	112	112	260	406
-Arthropat- hies	710-719	6	8	14	25	53	2	15	43	31	91	144
-Dorsopath- ies	720-724	1	10	20	14	45	0	15	49	55	119	164
-Rheumatis- m, Excluding Back	725-729	2	9	20	14	45	0	4	19	22	45	90
-Other Dis & Acquired Deformities	730-739	0	0	3	0	3	0	0	1	4	5	8
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	0	1	1	0	2	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	5	20	33	21	79	7	21	63	42	133	212
-Symptoms	780-789	5	19	30	19	73	7	21	61	39	128	201
-Non- Specific Abnormal Findings	790-796	0	1	3	2	6	0	0	2	2	4	10
-Ill- Defined & Unknown Causes	797-799	0	0	0	0	0	0	0	0	1	1	1
INJURY & POISONING	800-999	15	52	44	49	160	19	61	141	106	327	487
-Fracture - Neck, Trunk	805-809	0	1	1	4	6	0	3	0	4	7	13

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

(Continued)

Hanford Site 2002

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Fracture - Upper Limb	810-819	1	2	4	4	11	1	7	10	3	21	32
-Fracture - Lower Limb	820-829	1	3	3	3	10	1	9	11	6	27	37
-Dislocati- on	830-839	1	5	2	5	13	1	7	19	21	48	61
-Sprains & Strains - Back	846-847	1	6	9	1	17	3	7	22	7	39	56
-Sprains & Strains - Other	840-845, 848	1	12	14	9	36	3	10	34	25	72	108
-Intracran- ial Injury	850-854	0	0	0	0	0	1	0	1	2	4	4
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	1	1	2	0	0	0	0	0	2
-Open Wound Head, Neck, Trunk	870-879	0	0	0	1	1	0	1	2	0	3	4
-Open Wound Upper Limb	880-887	0	3	1	1	5	2	2	7	3	14	19
-Open Wound Lower Limb	890-897	1	0	0	3	4	0	2	2	2	6	10
-Late Effects of Accident	905-909	0	4	0	2	6	1	1	10	4	16	22
-Superfici- al Injury	910-919	0	0	0	1	1	2	1	4	0	7	8
-Contusion	920-924	4	2	2	2	10	0	5	2	3	10	20

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

(Continued)

Hanford Site 2002

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Crushing Injury	925-929	0	0	0	0	0	0	1	0	0	1	1
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	1	4	5	5
-Burns	940-949	0	0	0	3	3	0	0	0	2	2	5
-Injury to Nerves & Spinal Cord	950-957	1	0	0	2	3	0	0	1	1	2	5
-Complicat- ions & Unspecified Injuries	958-959	3	4	0	1	8	1	1	2	1	5	13
-Toxic Effects - Non- Medicinal	980-989	0	2	2	1	5	2	2	3	3	10	15
-Unspecifi- ed Effects External Causes	990-995	0	5	1	1	7	0	0	7	5	12	19
-Complicat- ions of Surgical/M- edical Care	996-999	1	3	4	4	12	1	2	3	10	16	28
HEALTH STATUS/HEA- LTH SERVICE CONTACT	V01-V82	1	3	0	1	5	0	0	6	1	7	12
-Personal & Family History	V10-V19	0	0	0	0	0	0	0	1	0	1	1

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

(Continued)

Hanford Site 2002

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Health Services Reproducti- on/Develop- ment	V20-V29	1	1	0	0	2	0	0	4	0	4	6
-Health Status	V40-V49	0	1	0	0	1	0	0	0	0	0	1
-Specific Procedures- /Aftercare	V50-V59	0	1	0	1	2	0	0	1	1	2	4
Total		48	202	310	244	804	51	190	586	620	1447	2251

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

Hanford Site 2002

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

		Women					Men					Total
		Age Group				Total	Age Group				Total	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	5	0	243	326	574	11	87	415	167	680	1254
MALIGNANT NEOPLASMS	140-208, 230-234	0	304	134	485	923	12	138	663	1849	2662	3585
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	223	664	65	952	17	9	24	275	325	1277
ENDOCRINE/- METABOLIC/- IMMUNITY	240-279	47	79	159	30	315	0	41	317	438	796	1111
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	37	0	37	0	0	7	0	7	44
MENTAL DISORDERS	290-319	64	649	1213	443	2369	156	233	745	1047	2181	4550
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	5	386	955	572	1918	42	186	1054	882	2164	4082
CIRCULATORY SYSTEM	390-459	0	22	357	340	719	0	118	882	2234	3234	3953
RESPIRATORY SYSTEM	460-519	50	222	690	390	1352	36	152	465	650	1303	2655
DIGESTIVE SYSTEM	520-579	32	378	617	432	1459	90	146	1658	1433	3327	4786
GENITOURINARY SYSTEM	580-629	73	670	1134	127	2004	0	11	184	215	410	2414
PREGNANCY & CHILDBIRTH	630-677	0	30	18	0	48	0	0	0	0	0	48

*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once.

(Continued)

Hanford Site 2002

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

		Women					Men					Total
		Age Group				Total	Age Group				Total	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
SKIN & SUBCUTANEOUS TISSUE	680-709	0	71	53	109	233	74	169	121	276	640	873
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	163	906	1697	1464	4230	291	1132	4241	2765	8429	12659
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	0	4	1	0	5	5
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	58	273	838	492	1661	107	236	1519	569	2431	4092
INJURY & POISONING	800-999	436	1093	1075	1263	3867	420	1004	3783	2963	8170	12037

*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once.

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	8	2	1	1	1	0	1	1	15
-Intestinal Infectious Dis	001-009	2	1	0	0	0	0	0	0	3
-Other Bacterial Dis	030-041	0	1	0	0	0	0	0	0	1
-Viral Dis with Exanthem	050-057	4	0	0	0	0	0	0	0	4
-Other Viral Dis & Chlamydiae	070-079	2	0	0	1	1	0	1	1	6
-Rickettsioses & Other Arthropod	080-088	0	0	1	0	0	0	0	0	1
MALIGNANT NEOPLASMS	140-208, 230-234	9	1	5	0	0	2	1	1	19
-Digestive & Peritoneal	150-159	1	0	0	0	0	0	0	0	1
-Respiratory & Intrathoracic	160-165	0	0	1	0	0	0	0	0	1
-Bone, Connective Tissue, Skin	170-173, 176	1	0	1	0	0	0	0	0	2
-Breast	174-175	4	1	2	0	0	1	1	1	10
-Genitourinary	179-189	0	0	1	0	0	0	0	0	1

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

(Continued)

Hanford Site 2002

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Other & Unspecified Sites	190, 193-199	1	0	0	0	0	1	0	0	2
-Lymphatic & Hematopoietic	200-208	2	0	0	0	0	0	0	0	2
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	16	1	5	1	0	0	2	2	27
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	6	0	1	0	2	0	1	3	13
-Thyroid Gland Disorders	240-246	0	0	0	0	1	0	0	1	2
-Other Endocrine Gland Dis	250-259	2	0	0	0	0	0	0	1	3
-Other Metabolic & Immunity Disorders	270-279	4	0	1	0	1	0	1	1	8
BLOOD & BLOOD FORMING ORGANS	280-289	1	0	0	0	0	0	0	0	1
MENTAL DISORDERS	290-319	21	1	7	4	1	1	2	2	39
-Psychoses	290-299	2	0	1	1	1	0	1	1	7
-Non- Psychotic Disorders	300-302, 306- 316	18	1	6	3	0	1	1	0	30

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

(Continued)

Hanford Site 2002

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Alcohol Dependence	303	1	0	0	0	0	0	0	0	1
-Drug Dependence	304-305	0	0	0	0	0	0	0	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	25	5	6	1	2	0	8	5	52
-Hereditary/- Degenerative Central NS Dis	330-337	1	0	0	0	0	0	0	0	1
-Other Disorders of Central NS	340-349	2	0	1	0	0	0	0	3	6
-Disorders of Peripheral NS	350-359	13	3	2	0	2	0	6	1	27
-Disorders of Eye	360-379	3	0	3	0	0	0	2	1	9
-Dis of Ear & Mastoid	380-389	6	2	0	1	0	0	0	0	9
CIRCULATORY SYSTEM	390-459	18	2	4	1	2	0	2	1	30
-Hypertensive Dis	401-405	3	1	1	0	1	0	0	0	6
-Ischemic Heart Dis	410-414	2	0	0	0	0	0	2	0	4
-Dis of Pulmonary Circulation	415-417	2	0	0	1	0	0	0	0	3

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

(Continued)

Hanford Site 2002

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Other Heart Dis	420-429	5	1	1	0	0	0	0	1	8
-Dis of Arteries & Capillaries	440-448	3	0	0	0	0	0	0	0	3
-Dis of Veins, Lymphatics, Other	451-459	3	0	2	0	1	0	0	0	6
RESPIRATORY SYSTEM	460-519	25	15	15	5	9	2	5	4	80
-Acute Respiratory Infections	460-466	9	5	3	2	1	1	2	1	24
-Other Dis Upper Respiratory Tract	470-478	6	4	2	2	0	1	0	2	17
-Pneumonia & Influenza	480-487	3	0	2	1	2	0	1	0	9
-Chronic Obstructive Dis	490-496	6	3	3	0	6	0	2	1	21
-Other Respiratory Dis	510-519	1	3	5	0	0	0	0	0	9
DIGESTIVE SYSTEM	520-579	18	4	8	8	5	2	1	10	56
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	2	1	0	0	1	1	5

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

(Continued)

Hanford Site 2002

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Esophagus, Stomach, Duodenum	530-537	2	1	1	0	1	0	0	1	6
-Appendicitis	540-543	0	0	0	0	0	0	0	2	2
-Hernia	550-553	3	1	1	1	0	0	0	1	7
-Enteritis, Colitis	555-558	2	0	1	1	1	1	0	0	6
-Other Intestinal Dis	560-569	2	0	0	1	3	0	0	1	7
-Other Digestive Dis	570-579	9	2	3	4	0	1	0	4	23
GENITOURINARY SYSTEM	580-629	28	5	13	2	0	1	10	10	69
-Nephritis, Nephrosis	580-589	1	0	0	0	0	0	0	0	1
-Other Urinary Dis	590-599	4	0	2	1	0	0	2	2	11
-Breast Disorders	610-611	2	0	0	0	0	0	0	1	3
-Other Female Disorders	617-629	21	5	11	1	0	1	8	7	54
PREGNANCY & CHILDBIRTH	630-677	1	0	3	0	0	0	0	0	4
-Ectopic & Molar Pregnancy	630-633	0	0	2	0	0	0	0	0	2

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

(Continued)

Hanford Site 2002

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Pregnancy with Abortive Outcome	634-639	1	0	1	0	0	0	0	0	2
SKIN & SUBCUTANEOUS TISSUE	680-709	3	1	0	0	1	0	1	3	9
-Infections	680-686	1	1	0	0	0	0	0	1	3
-Other Inflammatory Conditions	690-698	1	0	0	0	1	0	0	0	2
-Other	700-709	1	0	0	0	0	0	1	2	4
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	57	6	29	9	3	1	14	27	146
-Arthropathi- es	710-719	20	3	4	5	1	0	9	11	53
-Dorsopathies	720-724	16	0	11	3	0	0	4	11	45
-Rheumatism, Excluding Back	725-729	19	3	14	1	1	1	1	5	45
-Other Dis & Acquired Deformities	730-739	2	0	0	0	1	0	0	0	3
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	34	4	23	1	4	1	5	7	79
-Symptoms	780-789	31	4	22	1	4	1	3	7	73

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

(Continued)

Hanford Site 2002

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Non-Specific Abnormal Findings	790-796	3	0	1	0	0	0	2	0	6
INJURY & POISONING	800-999	54	17	25	8	6	11	20	19	160
-Fracture - Neck, Trunk	805-809	3	1	1	0	1	0	0	0	6
-Fracture - Upper Limb	810-819	3	3	0	0	0	1	2	2	11
-Fracture - Lower Limb	820-829	5	1	0	0	1	0	1	2	10
-Dislocation	830-839	3	2	1	1	0	0	2	4	13
-Sprains & Strains - Back	846-847	7	0	7	0	0	1	1	1	17
-Sprains & Strains - Other	840-845, 848	9	5	8	1	1	3	6	3	36
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	1	0	0	0	1	0	0	0	2
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1	0	0	0	0	1
-Open Wound - Upper Limb	880-887	1	0	1	0	1	1	1	0	5
-Open Wound - Lower Limb	890-897	2	1	1	0	0	0	0	0	4

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

(Continued)

Hanford Site 2002

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Late Effects of Accident	905-909	2	0	2	1	0	0	1	0	6
-Superficial Injury	910-919	0	0	0	0	0	0	1	0	1
-Contusion	920-924	2	1	1	0	0	4	1	1	10
-Burns	940-949	1	0	0	0	0	0	2	0	3
-Injury to Nerves & Spinal Cord	950-957	2	0	0	0	0	1	0	0	3
-Complicatio- ns & Unspecified Injuries	958-959	3	2	0	1	0	0	1	1	8
-Toxic Effects - Non Medicinal	980-989	2	0	1	0	0	0	0	2	5
-Unspecified Effects - External Causes	990-995	3	0	1	1	1	0	1	0	7
-Complicatio- ns of Surgical/Med- ical Care	996-999	5	1	1	2	0	0	0	3	12
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	0	0	0	0	2	2	0	5
-Health Services Reproduction- /Development	V20-V29	0	0	0	0	0	1	1	0	2

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

(Continued)

Hanford Site 2002

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Health Status	V40-V49	1	0	0	0	0	0	0	0	1
-Specific Procedures/A- ftercare	V50-V59	0	0	0	0	0	1	1	0	2
Total		325	64	145	41	36	23	75	95	804

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

(Continued)

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

		Men									
		Job Category									Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	4	3	2	5	0	9	4	3	31
-Intestinal Infectious Dis	001-009	0	1	0	0	1	0	1	0	0	3
-Other Bacterial Dis	030-041	0	1	0	0	2	0	0	0	1	4
-Polio & Other Viral CNS Dis	045-049	0	0	0	1	0	0	0	0	0	1
-Viral Dis with Exanthem	050-057	0	1	1	0	0	0	2	0	0	4
-Other Viral Dis & Chlamydiae	070-079	1	1	2	1	1	0	6	4	1	17
-Mycoses	110-118	0	0	0	0	0	0	0	0	1	1
-Other Infections & Parasitic Dis	130-136	0	0	0	0	1	0	0	0	0	1
MALIGNANT NEOPLASMS	140-208, 230- 234	9	28	4	2	1	6	7	10	3	70
-Digestive & Peritoneal	150-159	0	10	0	1	0	0	0	0	0	11
-Respiratory & Intrathoracic	160-165	1	1	0	0	0	2	0	0	0	4
-Bone, Connective Tissue, Skin	170-173, 176	1	0	1	0	0	3	1	3	1	10

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

(Continued)

Hanford Site 2002

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

		Men									
		Job Category									Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
-Breast	174-175	0	1	0	0	0	0	0	0	0	1
-Genitourina- ry	179-189	6	12	1	1	1	1	6	4	2	34
-Other & Unspecified Sites	190, 193-199	1	3	1	0	0	0	0	0	0	5
-Lymphatic & Hematopoietic	200-208	0	1	1	0	0	0	0	3	0	5
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	0	7	2	0	0	0	5	8	2	24
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	4	4	2	1	2	0	2	5	2	22
-Thyroid Gland Disorders	240-246	0	0	0	0	2	0	0	0	0	2
-Other Endocrine Gland Dis	250-259	4	1	1	1	0	0	0	3	1	11
-Other Metabolic & Immunity Disorders	270-279	0	3	1	0	0	0	2	2	1	9
BLOOD & BLOOD FORMING ORGANS	280-289	0	0	0	0	0	0	1	0	0	1
MENTAL DISORDERS	290-319	1	12	6	5	0	0	8	10	1	43
-Psychoses	290-299	0	0	0	1	0	0	3	0	0	4

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

(Continued)

Hanford Site 2002

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

		Men									
		Job Category									Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
-Non- Psychotic Disorders	300-302, 306- 316	1	12	5	4	0	0	5	6	1	34
-Alcohol Dependence	303	0	0	0	0	0	0	0	1	0	1
-Drug Dependence	304-305	0	0	1	0	0	0	0	3	0	4
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	7	18	5	2	3	1	26	7	8	77
-Inflammatory Dis of Central NS	320-326	0	1	0	0	0	0	0	0	0	1
-Hereditary/- Degenerative Central NS Dis	330-337	0	0	0	0	0	0	1	0	0	1
-Other Disorders of Central NS	340-349	0	0	0	1	0	0	0	0	0	1
-Disorders of Peripheral NS	350-359	4	9	1	0	1	0	16	3	3	37
-Disorders of Eye	360-379	3	5	4	1	2	0	4	2	2	23
-Dis of Ear & Mastoid	380-389	0	3	0	0	0	1	5	2	3	14
CIRCULATORY SYSTEM	390-459	17	35	11	7	2	0	21	10	10	113
-Hypertensive Dis	401-405	1	5	3	1	0	0	6	3	0	19

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

(Continued)

Hanford Site 2002

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

		Men									
		Job Category									Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
-Ischemic Heart Dis	410-414	4	9	3	2	0	0	11	4	5	38
-Dis of Pulmonary Circulation	415-417	0	3	0	0	0	0	0	0	0	3
-Other Heart Dis	420-429	6	8	5	3	1	0	1	0	3	27
-Cerebrovasc- ular Dis	430-438	3	1	0	0	0	0	0	1	0	5
-Dis of Arteries & Capillaries	440-448	1	1	0	0	0	0	0	0	0	2
-Dis of Veins, Lymphatics, Other	451-459	2	8	0	1	1	0	3	2	2	19
RESPIRATORY SYSTEM	460-519	4	16	11	12	8	5	38	22	9	125
-Acute Respiratory Infections	460-466	0	4	4	2	2	1	9	6	2	30
-Other Dis Upper Respiratory Tract	470-478	1	3	3	4	2	1	8	3	4	29
-Pneumonia & Influenza	480-487	3	3	2	4	1	1	6	4	3	27
-Chronic Obstructive Dis	490-496	0	3	0	1	2	1	5	5	0	17

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

(Continued)

Hanford Site 2002

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

		Men									
		Job Category									Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
-Lung Dis from External Agents	500-508	0	0	1	1	0	0	6	3	0	11
-Other Respiratory Dis	510-519	0	3	1	0	1	1	4	1	0	11
DIGESTIVE SYSTEM	520-579	19	27	18	14	2	8	25	26	8	147
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	1	0	3	3	0	0	8
-Esophagus, Stomach, Duodenum	530-537	1	1	2	2	0	1	4	2	1	14
-Appendicitis	540-543	2	1	3	2	1	0	0	0	1	10
-Hernia	550-553	11	11	5	4	0	1	12	9	1	54
-Enteritis, Colitis	555-558	0	1	0	4	1	0	1	1	0	8
-Other Intestinal Dis	560-569	1	6	4	0	0	1	1	8	3	24
-Other Digestive Dis	570-579	4	7	3	1	0	2	4	6	2	29
GENITOURINARY SYSTEM	580-629	4	4	3	2	1	0	6	4	3	27
-Nephritis, Nephrosis	580-589	0	0	0	0	0	0	0	0	1	1
-Other Urinary Dis	590-599	2	4	2	2	1	0	4	4	1	20

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

(Continued)

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

		Men									
		Job Category									Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
-Male Genital Organ Dis	600-608	2	0	0	0	0	0	2	0	1	5
-Breast Disorders	610-611	0	0	1	0	0	0	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	4	7	6	1	2	1	10	6	1	38
-Infections	680-686	3	5	1	0	0	1	1	2	1	14
-Other Inflammatory Conditions	690-698	0	0	2	0	0	0	1	0	0	3
-Other	700-709	1	2	3	1	2	0	8	4	0	21
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	25	32	31	15	21	7	59	50	20	260
-Arthropathi- es	710-719	12	6	9	4	7	5	20	17	11	91
-Dorsopathies	720-724	6	18	16	9	9	2	24	29	6	119
-Rheumatism, Excluding Back	725-729	7	8	6	2	4	0	13	4	1	45
-Other Dis & Acquired Deformities	730-739	0	0	0	0	1	0	2	0	2	5
CONGENITAL ANOMALIES	740-759	0	1	0	0	0	0	0	0	1	2

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

(Continued)

Hanford Site 2002

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

		Men									
		Job Category									Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	10	11	15	3	9	8	37	36	4	133
-Symptoms	780-789	10	10	14	3	9	7	35	36	4	128
-Non-Specific Abnormal Findings	790-796	0	0	1	0	0	1	2	0	0	4
-Ill-Defined & Unknown Causes	797-799	0	1	0	0	0	0	0	0	0	1
INJURY & POISONING	800-999	26	41	23	11	21	12	100	69	24	327
-Fracture - Neck, Trunk	805-809	1	1	1	0	1	0	2	0	1	7
-Fracture - Upper Limb	810-819	2	6	2	0	1	0	4	4	2	21
-Fracture - Lower Limb	820-829	3	2	4	3	0	0	9	5	1	27
-Dislocation	830-839	9	3	5	2	4	2	14	6	3	48
-Sprains & Strains - Back	846-847	0	6	1	0	6	1	8	14	3	39
-Sprains & Strains - Other	840-845, 848	6	8	3	3	5	3	26	10	8	72
-Intracranial Injury	850-854	0	0	0	1	1	0	1	1	0	4

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

(Continued)

Hanford Site 2002

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

		Men									
		Job Category									Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
-Open Wound - Head, Neck, Trunk	870-879	0	2	0	0	0	0	0	1	0	3
-Open Wound - Upper Limb	880-887	1	1	1	0	2	2	4	2	1	14
-Open Wound - Lower Limb	890-897	0	2	0	0	0	1	3	0	0	6
-Late Effects of Accident	905-909	0	0	0	0	0	0	5	11	0	16
-Superficial Injury	910-919	0	1	0	0	0	1	4	0	1	7
-Contusion	920-924	0	1	1	0	1	1	3	3	0	10
-Crushing Injury	925-929	0	0	1	0	0	0	0	0	0	1
-Foreign Body Entering Orifice	930-939	0	1	0	0	0	0	4	0	0	5
-Burns	940-949	0	0	0	0	0	1	0	0	1	2
-Injury to Nerves & Spinal Cord	950-957	1	1	0	0	0	0	0	0	0	2
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	0	0	0	4	1	5
-Toxic Effects - Non Medicinal	980-989	0	0	1	0	0	0	4	5	0	10

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

(Continued)

Hanford Site 2002

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

		Men									Total
		Job Category									
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
-Unspecified Effects - External Causes	990-995	0	0	2	1	0	0	7	0	2	12
-Complicatio- ns of Surgical/Med- ical Care	996-999	3	6	1	1	0	0	2	3	0	16
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	0	1	1	1	0	3	0	0	7
-Personal & Family History	V10-V19	1	0	0	0	0	0	0	0	0	1
-Health Services Reproduction- /Development	V20-V29	0	0	1	0	1	0	2	0	0	4
-Specific Procedures/A- ftercare	V50-V59	0	0	0	1	0	0	1	0	0	2
Total		132	247	141	78	78	48	357	267	99	1447

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

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	161	75	166	145	5	0	12	10	574
MALIGNANT NEOPLASMS	140-208, 230- 234	584	38	202	0	0	41	41	17	923
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	660	2	104	51	0	0	100	35	952
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	43	0	14	0	147	0	41	70	315
BLOOD & BLOOD FORMING ORGANS	280-289	37	0	0	0	0	0	0	0	37
MENTAL DISORDERS	290-319	1611	44	424	87	4	41	63	95	2369
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	924	286	38	17	168	0	319	166	1918
CIRCULATORY SYSTEM	390-459	315	58	44	87	148	0	60	7	719
RESPIRATORY SYSTEM	460-519	204	112	329	235	371	9	62	30	1352
DIGESTIVE SYSTEM	520-579	717	77	83	244	164	28	18	128	1459
GENITOURINARY SYSTEM	580-629	856	206	351	56	0	45	287	203	2004
PREGNANCY & CHILDBIRTH	630-677	4	0	44	0	0	0	0	0	48

*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)

Hanford Site 2002

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
SKIN & SUBCUTANEOUS TISSUE	680-709	72	19	0	0	38	0	4	100	233
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	1401	227	1024	168	394	42	333	641	4230
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	790	198	270	24	152	5	213	9	1661
INJURY & POISONING	800-999	1314	569	573	202	216	393	261	339	3867

*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)

Hanford Site 2002

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

		Men									
		Job Category									Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	174	15	39	60	147	0	114	71	60	680
MALIGNANT NEOPLASMS	140-208, 230- 234	359	943	144	95	17	191	525	251	137	2662
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	0	103	15	0	0	0	137	66	4	325
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	130	110	210	13	68	0	39	170	56	796
BLOOD & BLOOD FORMING ORGANS	280-289	0	0	0	0	0	0	7	0	0	7
MENTAL DISORDERS	290-319	55	640	163	379	0	0	369	481	94	2181
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	47	190	31	87	41	10	1083	345	330	2164
CIRCULATORY SYSTEM	390-459	689	714	351	46	29	0	876	308	221	3234
RESPIRATORY SYSTEM	460-519	84	292	92	140	123	38	310	120	104	1303
DIGESTIVE SYSTEM	520-579	295	482	332	292	52	30	696	982	166	3327
GENITOURINARY SYSTEM	580-629	36	23	123	7	41	0	104	13	63	410

*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)

Hanford Site 2002

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

		Men									
		Job Category									Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
SKIN & SUBCUTANEOUS TISSUE	680-709	90	89	31	8	3	14	314	84	7	640
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	519	981	684	387	378	229	3111	1456	684	8429
CONGENITAL ANOMALIES	740-759	0	4	0	0	0	0	0	0	1	5
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	90	150	155	79	124	17	1347	360	109	2431
INJURY & POISONING	800-999	761	434	393	214	1583	265	2545	1387	588	8170

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

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Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined**Part 1. Age-Adjusted Rates for All Diagnoses Combined by Gender from 1993 to 2002**

Year	All Diagnoses Combined					
	Men			Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1993	81	86	91	123	133	144
1994	75	79	85	115	124	134
1995	65	69	75	111	120	129
1996	68	74	80	120	130	141
1997	72	78	85	119	131	144
1998	51	56	62	92	102	113
1999	56	61	67	90	99	109
2000	53	57	62	85	94	103
2001	97	104	111	126	137	148
2002	113	121	129	147	159	171

Part 2. Age-Adjusted Rates for Selected Diagnostic Categories by Gender from 1993 to 2002

Rate per 1,000 Men

Men	Psychological			Digestive			Muscles & Skeleton			Injury		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	1	2	3	9	11	13	8	10	11	15	17	20
1994	2	2	3	8	10	11	9	10	12	17	19	22
1995	2	3	4	8	9	11	7	9	11	12	14	17
1996	2	3	4	8	9	12	8	10	13	14	17	21
1997	2	3	5	7	9	12	12	14	17	15	18	22
1998	2	3	4	5	7	9	9	11	14	11	13	16
1999	2	3	5	6	8	10	9	12	14	11	14	17
2000	2	3	4	6	7	9	10	12	14	10	12	14
2001	2	3	4	8	10	12	14	16	19	24	27	31
2002	3	5	7	9	11	14	17	19	22	26	30	35

Rate per 1,000 Women

Women	Psychological			Digestive			Muscles & Skeleton			Injury		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	4	5	8	9	11	14	12	15	19	18	21	26
1994	3	5	7	11	13	17	11	14	17	13	16	20
1995	6	8	10	11	13	17	16	20	24	16	19	23
1996	7	9	12	10	13	16	18	21	26	15	19	23
1997	6	8	11	13	17	22	14	18	23	12	16	20
1998	4	6	8	8	11	15	16	20	26	12	16	20
1999	7	9	12	8	11	15	12	15	19	11	14	18
2000	5	7	10	8	11	14	14	18	23	9	12	16
2001	5	7	10	7	9	12	23	28	34	19	23	28
2002	5	7	10	9	12	16	25	30	35	28	33	39

*For 1993, the injury rate is based on external causes of injury data; for 1994 through 2002, the rates are based on injury and poisoning data.

(Continued)

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Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined
Part 3. Age-Adjusted Rates for All Diagnoses Combined by Gender and Job Category from 1993 to 2002

Rate per 1,000 Men

Men	Administration			Professional			Technical			Other/Unknown Salaried		
	Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid
1993	59	71	87	47	54	62	77	90	105	*	*	*
1994	55	65	78	48	56	64	68	83	100	27	41	63
1995	42	51	63	46	52	60	68	83	101	2	10	39
1996	34	41	51	36	43	51	70	86	107	7	20	62
1997	29	35	43	32	40	50	71	91	115	12	24	49
1998	26	39	58	33	41	52	69	92	121	24	38	59
1999	29	36	44	33	39	47	69	89	116	27	44	73
2000	34	42	52	26	31	38	83	105	132	37	47	61
2001	63	97	151	58	76	100	123	152	188	48	63	84
2002	51	63	77	71	94	125	125	156	194	49	62	79

Year	Service			Security			Crafts & Manual Labor			Nuclear		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	153	182	218	**	**	**	115	133	153	121	149	184
1994	94	116	143	**	**	**	97	116	138	162	220	298
1995	146	181	225	25	46	85	88	110	137	162	209	271
1996	149	200	268	85	127	189	112	138	169	141	178	223
1997	216	290	390	104	151	221	137	199	291	192	232	280
1998	168	249	369	44	72	118	75	118	186	84	110	144
1999	204	295	427	65	103	164	100	139	194	118	154	200
2000	106	167	262	53	84	132	92	114	141	122	158	203
2001	215	281	366	127	199	313	204	248	301	217	256	302
2002	179	227	288	181	251	349	234	291	361	308	360	420

Year	Other/Unknown		
	Lower	Mid	Upper
1993	13	23	40
1994	109	128	151
1995	2	7	27
1996	23	43	80
1997	26	36	49
1998	7	11	18
1999	3	6	11
2000	22	27	35
2001	32	39	49
2002	41	50	61

* These employees were included in various categories in 1993

**These employees were included in service category 1993 through 1994

(Continued)

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Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined
Part 3. Age-Adjusted Rates for All Diagnoses Combined by Gender and Job Category from 1993 to 2002

Rate per 1,000 Women

Women	Administration			Professional			Technical			Other/Unknown Salaried		
	Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid
1993	106	118	132	75	99	130	149	180	217	*	*	*
1994	103	113	125	93	124	167	149	181	222	41	73	128
1995	92	102	113	98	120	147	180	218	265	1	5	34
1996	98	109	122	48	64	86	166	205	254	6	45	322
1997	96	111	128	85	128	194	147	191	247	29	64	145
1998	81	95	111	46	70	107	130	172	228	107	162	248
1999	90	105	122	35	50	72	112	152	205	28	52	99
2000	88	106	128	20	38	71	72	99	137	51	70	96
2001	130	153	180	78	102	134	217	266	327	63	83	109
2002	171	202	239	86	119	165	304	365	440	52	71	97

Year	Service			Security			Crafts & Manual Labor			Nuclear		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	296	381	490	**	**	**	68	154	347	341	442	573
1994	179	242	328	**	**	**	108	191	339	327	440	591
1995	195	257	338	0	0	0	226	333	491	237	339	486
1996	335	422	532	90	254	713	195	379	737	236	321	438
1997	378	493	642	69	184	495	621	1037	1732	321	435	592
1998	267	359	481	0	0	0	124	208	347	200	298	445
1999	245	329	440	0	0	0	30	78	202	312	424	576
2000	120	184	285	9	66	470	81	163	328	139	209	315
2001	265	369	514	28	199	1409	287	515	923	189	264	370
2002	173	244	344	0	0	0	462	769	1281	382	529	730

Year	Other/Unknown		
	Lower	Mid	Upper
1993	36	62	106
1994	61	81	109
1995	2	8	26
1996	1	4	16
1997	36	50	70
1998	23	33	46
1999	24	34	49
2000	81	98	117
2001	62	76	94
2002	67	83	102

* These employees were included in various categories in 1993

**These employees were included in service category 1993 through 1994

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Appendix M. Diseases and Injuries by Diagnostic Category**Part 1. Men**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	31	2.6	1.7	4.0
Malignant Neoplasms	140-208, 230-234	70	5.1	3.9	6.7
-Digestive Organs	150-159	11	0.7	0.4	1.2
-Respiratory System	160-165	4	0.3	0.1	0.9
-Breast	174-175	1	0.1	0.0	0.4
-Genitourinary	179-189	34	2.7	1.8	4.1
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	5	0.4	0.1	0.9
Benign Neoplasms & Other	210-229, 235-239	24	2.5	1.5	4.2
Endocrine & Metabolic Diseases	240-279	22	1.5	1.0	2.4
Blood & Blood-Forming Organs	280-289	1	0.1	0.0	0.4
Mental Disorders	290-319	43	4.6	3.1	7.0
-Alcoholism	303	1	0.1	0.0	0.4
-Drug Abuse	304-305	4	0.4	0.1	1.0
Nervous System & Sense Organs	320-389	77	6.7	5.1	8.9
Circulatory System	390-459	113	8.3	6.8	10.0
-Hypertension	401	19	1.3	0.8	2.2
-Acute Myocardial Infarction	410	13	1.0	0.6	1.7
-Ischemic Disease, not M.I.	411-414, 429.2	26	1.8	1.2	2.6
-Cerebrovascular Disease	430-438	5	0.4	0.1	0.9
Respiratory System	460-519	125	10.3	8.3	12.8
-Upper Respiratory	460-465, 470-478	59	5.6	4.0	7.8
-Pneumonia/Bronchitis	466, 480-487	27	2.1	1.4	3.1
-Chronic Respiratory Conditions	490-496	17	1.2	0.7	2.0
Digestive System	520-579	147	11.2	9.2	13.5
-Hernias	550-553	54	4.3	3.1	5.8
-Gallbladder Disease	574-575	22	1.5	1.0	2.3
Genitourinary System	580-629	27	1.8	1.2	2.7
-Benign Prostatic Hypertrophy	600	1	0.1	0.0	0.4
Skin & Subcutaneous Tissue	680-709	38	4.0	2.6	6.2
Musculoskeletal System	710-739	260	19.3	16.9	22.1
-Dorsopathies	720-724	119	8.4	7.0	10.1
Congenital Anomalies	740-759	2	0.2	0.0	0.8
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	133	11.9	9.6	14.8
Injury & Poisoning	800-999	327	30.3	26.3	34.8
-Fractures, All Sites	800-829	55	5.2	3.8	7.1
-Dislocations	830-839	48	3.8	2.8	5.4
-Sprains & Strains	840-848	111	10.0	7.9	12.7
-Intracranial Injuries	850-854	4	0.6	0.1	2.2
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	23	2.3	1.4	4.0
-Other Injuries	900-999	86	8.3	6.3	11.1
Health Status/Health Serv Contact	V01-V82	7	0.4	0.2	0.9
-Family History of Health Problems	V10-V19	1	0.1	0.0	0.4
-Circumstances Reproduction/Develop	V20-V28	4	0.3	0.1	0.7
-Specific Procedure/Aftercare	V50-V59	2	0.1	0.0	0.5
Total		1447	120.9	113.4	128.9

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

(Continued)

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Appendix M. Diseases and Injuries by Diagnostic Category**Part 2. Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	15	2.8	1.6	4.7
Malignant Neoplasms	140-208, 230-234	19	3.3	2.1	5.2
-Digestive Organs	150-159	1	0.2	0.0	1.3
-Respiratory System	160-165	1	0.2	0.0	1.3
-Breast	174-175	10	1.7	0.9	3.3
-Genitourinary	179-189	1	0.2	0.0	1.4
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	2	0.4	0.1	1.4
Benign Neoplasms & Other	210-229, 235-239	27	4.5	3.1	6.6
Endocrine & Metabolic Diseases	240-279	13	2.8	1.5	5.1
Blood & Blood-Forming Organs	280-289	1	0.2	0.0	1.1
Mental Disorders	290-319	39	7.3	5.3	10.2
-Alcoholism	303	1	0.2	0.0	1.1
-Drug Abuse	304-305	1	0.2	0.0	1.4
Nervous System & Sense Organs	320-389	52	9.0	6.8	11.9
Circulatory System	390-459	30	6.4	4.3	9.5
-Hypertension	401	6	1.3	0.5	3.3
-Acute Myocardial Infarction	410	1	0.2	0.0	1.3
-Ischemic Disease, not M.I.	411-414, 429.2	3	0.5	0.2	1.7
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	80	17.4	13.7	22.2
-Upper Respiratory	460-465, 470-478	41	9.1	6.5	12.7
-Pneumonia/Bronchitis	466, 480-487	9	1.9	0.9	3.9
-Chronic Respiratory Conditions	490-496	21	3.9	2.5	6.2
Digestive System	520-579	56	12.1	9.0	16.2
-Hernias	550-553	7	1.5	0.7	3.5
-Gallbladder Disease	574-575	18	3.5	2.1	5.7
Genitourinary System	580-629	69	12.5	9.7	15.9
-Endometriosis	617	12	2.3	1.3	4.2
-Ovarian Cysts	620.0-620.2	9	1.8	0.9	3.5
-Female Genital Pain/Bleeding	625-626	12	2.0	1.1	3.5
Pregnancy & Childbirth**	630-639	4	0.8	0.3	2.0
Skin & Subcutaneous Tissue	680-709	9	1.5	0.8	3.0
Musculoskeletal System	710-739	146	29.5	24.7	35.2
-Dorsopathies	720-724	45	8.5	6.2	11.7
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	79	14.7	11.7	18.6
Injury & Poisoning	800-999	160	32.7	27.7	38.6
-Fractures, All Sites	800-829	27	5.2	3.5	7.7
-Dislocations	830-839	13	2.6	1.5	4.6
-Sprains & Strains	840-848	53	10.3	7.7	13.7
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	2	0.3	0.1	1.3
-Open Wounds	870-897	10	2.0	1.1	3.9
-Other Injuries	900-999	55	12.3	9.2	16.3
Health Status/Health Serv Contact	V01-V82	5	1.2	0.5	3.0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	2	0.6	0.1	2.6
-Specific Procedure/Aftercare	V50-V59	2	0.4	0.1	1.5
Total		804	158.6	147.2	170.9

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

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

(Continued)

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Appendix 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	46	2.6	1.9	3.6
Malignant Neoplasms	140-208, 230-234	89	4.6	3.7	5.7
-Digestive Organs	150-159	12	0.5	0.3	1.0
-Respiratory System	160-165	5	0.3	0.1	0.7
-Breast	174-175	11	0.6	0.3	1.0
-Genitourinary	179-189	35	2.0	1.3	2.8
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	7	0.3	0.2	0.7
Benign Neoplasms & Other	210-229, 235-239	51	3.1	2.2	4.2
Endocrine & Metabolic Diseases	240-279	35	2.0	1.4	2.9
Blood & Blood-Forming Organs	280-289	2	0.1	0.0	0.4
Mental Disorders	290-319	82	5.4	4.2	7.0
-Alcoholism	303	2	0.1	0.0	0.4
-Drug Abuse	304-305	5	0.3	0.1	0.8
Nervous System & Sense Organs	320-389	129	7.4	6.1	9.0
Circulatory System	390-459	143	7.7	6.5	9.2
-Hypertension	401	25	1.4	0.9	2.1
-Acute Myocardial Infarction	410	14	0.8	0.4	1.4
-Ischemic Disease, not M.I.	411-414, 429.2	29	1.4	1.0	2.1
-Cerebrovascular Disease	430-438	5	0.3	0.1	0.7
Respiratory System	460-519	205	12.4	10.6	14.6
-Upper Respiratory	460-465, 470-478	100	6.7	5.3	8.5
-Pneumonia/Bronchitis	466, 480-487	36	2.0	1.4	2.9
-Chronic Respiratory Conditions	490-496	38	2.0	1.5	2.8
Digestive System	520-579	203	11.4	9.8	13.3
-Hernias	550-553	61	3.4	2.6	4.5
-Gallbladder Disease	574-575	40	2.2	1.6	3.2
Genitourinary System	580-629	96	5.5	4.4	6.8
-Benign Prostatic Hypertrophy	600	1	0.0	0.0	0.3
-Endometriosis	617	12	0.8	0.4	1.6
-Ovarian Cysts	620.0-620.2	9	0.6	0.3	1.4
-Female Genital Pain/Bleeding	625-626	12	0.6	0.3	1.1
Pregnancy & Childbirth**	630-639	4	0.3	0.1	0.7
Skin & Subcutaneous Tissue	680-709	47	3.0	2.2	4.3
Musculoskeletal System	710-739	406	22.7	20.3	25.3
-Dorsopathies	720-724	164	8.5	7.3	10.0
Congenital Anomalies	740-759	2	0.1	0.0	0.5
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	212	12.7	10.9	14.9
Injury & Poisoning	800-999	487	30.9	27.8	34.3
-Fractures, All Sites	800-829	82	5.1	4.0	6.5
-Dislocations	830-839	61	3.5	2.7	4.7
-Sprains & Strains	840-848	164	9.9	8.3	11.8
-Intracranial Injuries	850-854	4	0.3	0.1	1.2
-Internal Injuries	860-869	2	0.1	0.0	0.4
-Open Wounds	870-897	33	2.2	1.4	3.2
-Other Injuries	900-999	141	9.8	8.0	11.9
Health Status/Health Serv Contact	V01-V82	12	0.8	0.4	1.5
-Family History of Health Problems	V10-V19	1	0.0	0.0	0.3
-Circumstances Reproduction/Develop	V20-V28	6	0.4	0.2	1.2
-Specific Procedure/Aftercare	V50-V59	4	0.2	0.1	0.6
Total		2251	132.7	126.5	139.1

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

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

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

Diagnostic Category	Administration 3,176 Person-Years				Professional 3,344 Person-Years				Technical 1,081 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	265	0.8	0.7	1.0	184	0.5	0.5	0.6	156	1.8	1.5	2.1
Infectious & Parasitic Diseases	8	0.6	0.3	1.4	5	0.4	0.2	1.0	4	1.3	0.5	3.9
Malignant Neoplasms	16	0.9	0.5	1.7	18	1.1	0.6	1.9	8	2.0	0.9	4.3
Benign & Uncertain Neoplasms	16	1.3	0.7	2.6	8	0.7	0.3	1.6	6	1.8	0.8	4.2
Endocrine/Metabolic/Immunity	7	1.0	0.4	2.3	3	0.4	0.1	1.2	3	1.5	0.5	4.9
Mental Disorders	19	1.1	0.6	1.9	8	0.5	0.2	1.1	11	2.4	1.3	4.7
Nervous System & Sense Organs	28	1.0	0.6	1.6	16	0.6	0.4	1.0	9	1.2	0.6	2.4
Circulatory System	23	0.9	0.6	1.5	27	0.9	0.6	1.4	12	1.9	1.0	3.4
Respiratory System	23	0.5	0.3	0.8	22	0.6	0.4	0.9	20	1.9	1.2	3.0
Digestive System	33	0.7	0.5	1.1	27	0.5	0.4	0.8	21	1.8	1.1	2.9
Genitourinary System	27	1.2	0.7	1.9	9	0.6	0.3	1.1	13	2.4	1.3	4.4
Skin & Subcutaneous Tissue	7	0.7	0.3	1.7	6	0.5	0.2	1.2	5	1.8	0.7	4.4
Musculoskeletal & Connective Tissue	59	0.8	0.6	1.1	24	0.3	0.2	0.5	39	2.1	1.5	2.9
Symptoms, Signs, & Ill-Defined Conditions	37	1.0	0.6	1.4	13	0.3	0.2	0.5	27	2.5	1.7	3.8
Injury & Poisoning	59	0.6	0.5	0.9	41	0.4	0.3	0.6	39	1.5	1.0	2.0
-Fracture-Neck, Trunk	4	1.0	0.3	3.9	2	0.7	0.2	2.9	2	2.2	0.5	9.2
-Fracture-Upper Limb	5	0.7	0.3	2.2	7	1.1	0.5	2.5	2	0.8	0.2	3.4
-Fracture-Lower Limb	7	1.0	0.4	2.6	3	0.3	0.1	1.0	4	1.4	0.5	3.9
-Dislocation	10	0.8	0.4	1.6	5	0.3	0.1	0.7	6	1.5	0.6	3.5
-Sprains & Strains-Back	4	0.4	0.1	1.2	4	0.3	0.1	1.0	6	1.9	0.8	4.6
-Sprains & Strains-Other	14	0.5	0.3	1.0	11	0.4	0.2	0.8	10	1.4	0.7	2.7
-Open Wound-Upper Limb	2	0.4	0.1	2.2	1	0.2	0.02	1.4	2	1.4	0.3	6.0
-Open Wound-Lower Limb	2	0.7	0.2	3.2	3	1.6	0.4	6.1	1	1.4	0.2	10.5
-Late Effects of Accident	2	0.5	0.1	2.1	0				2	1.9	0.4	8.3
-Contusion	2	0.4	0.1	2.2	2	0.5	0.1	2.3	2	1.6	0.4	7.2
-Complications & Unspecified Injuries	2	0.7	0.1	3.6	2	1.0	0.2	4.2	0			
-Toxic Effects-Non-Medicinal	2	0.5	0.1	3.1	0				2	1.8	0.4	8.2
-Unspecified Effects-External Causes	3	0.6	0.2	2.2	0				3	2.2	0.6	7.9
-Complications of Surgical/Medical Care	8	1.3	0.5	3.0	4	0.7	0.2	2.1	2	1.2	0.3	5.0

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

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

***CI = Confidence Limit

(Continued)

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

Diagnostic Category	Other/Unknown Salaried 1,429 Person-Years				Service 319 Person-Years				Security 193 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	70	0.5	0.4	0.7	63	2.2	1.7	2.9	29	1.9	1.3	2.8
Infectious & Parasitic Diseases	3	0.7	0.2	2.3	6	6.4	2.7	15.4	0			
Malignant Neoplasms	2	0.3	0.1	1.3	1	0.6	0.1	4.6	3	4.3	1.3	13.7
Benign & Uncertain Neoplasms	1	0.2	0.03	1.4	0				0			
Endocrine/Metabolic/ Immunity	1	0.3	0.05	2.5	3	5.3	1.6	17.9	0			
Mental Disorders	7	1.0	0.5	2.2	1	0.7	0.1	4.8	0			
Nervous System & Sense Organs	3	0.3	0.1	0.9	5	2.1	0.8	5.1	1	0.9	0.1	6.7
Circulatory System	7	0.7	0.3	1.6	4	1.7	0.6	4.5	0			
Respiratory System	15	1.0	0.6	1.7	14	4.3	2.5	7.6	4	2.3	0.8	6.2
Digestive System	17	1.0	0.6	1.7	7	1.7	0.8	3.7	6	2.9	1.3	6.6
Genitourinary System	3	0.3	0.1	1.0	1	0.6	0.1	4.1	0			
Skin & Subcutaneous Tissue	1	0.2	0.03	1.7	2	2.2	0.5	9.0	1	1.6	0.2	12.4
Musculoskeletal & Connective Tissue	17	0.6	0.4	1.0	16	2.5	1.5	4.2	6	1.8	0.8	4.2
Symptoms, Signs, & Ill- Defined Conditions	4	0.2	0.1	0.6	9	2.6	1.3	5.1	5	2.6	1.1	6.5
Injury & Poisoning	17	0.4	0.3	0.7	19	2.4	1.5	3.8	10	2.1	1.1	3.9
-Fracture-Neck, Trunk	0				2	7.7	1.7	35.2	0			
-Fracture-Upper Limb	0				1	1.5	0.2	11.1	0			
-Fracture-Lower Limb	3	0.8	0.2	2.6	1	1.3	0.2	9.4	0			
-Dislocation	3	0.5	0.2	1.7	4	3.4	1.2	9.3	2	2.6	0.6	11.0
-Sprains & Strains-Back	0				5	6.1	2.4	15.8	1	1.6	0.2	11.2
-Sprains & Strains-Other	4	0.4	0.1	1.1	5	2.4	1.0	5.8	3	2.5	0.8	8.0
-Open Wound-Upper Limb	0				3	8.6	2.5	29.6	2	7.4	1.7	33.4
-Open Wound-Lower Limb	0				0				1	10.4	1.1	93.8
-Late Effects of Accident	1	0.6	0.1	5.1	0				0			
-Contusion	0				1	3.1	0.4	24.2	1	6.1	0.7	49.2
-Complications & Unspecified Injuries	1	0.7	0.1	6.1	0				0			
-Toxic Effects- Non-Medicinal	0				0				0			
-Unspecified Effects- External Causes	2	1.0	0.2	4.6	1	2.5	0.3	19.4	0			
-Complications of Surgical/Medical Care	3	1.3	0.4	4.2	0				0			

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

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

***CI = Confidence Limit

(Continued)

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

Diagnostic Category	Crafts & Manual Labor 1,131 Person-Years				Nuclear 946 Person-Years				Other/Unknown 3,041 Person-Years				Total Persons with 1+ Event
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upper 95% CI***	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upper 95% CI***	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upper 95% CI***	
All Diagnostic Categories	204	2.3	2.0	2.7	183	2.6	2.2	3.1	122	0.5	0.4	0.5	1276
Infectious & Parasitic Diseases	9	3.3	1.5	7.4	5	2.0	0.8	5.0	4	0.4	0.2	1.3	44
Malignant Neoplasms	9	1.6	0.8	3.2	6	1.7	0.8	4.0	4	0.3	0.1	0.9	67
Benign & Uncertain Neoplasms	5	1.9	0.7	5.1	9	4.1	1.9	8.5	4	0.4	0.1	1.0	49
Endocrine/Metabolic/Immunity	1	0.4	0.1	3.1	6	4.9	1.9	12.7	5	0.9	0.3	2.6	29
Mental Disorders	8	2.2	1.0	4.8	11	3.3	1.7	6.4	3	0.2	0.1	0.5	68
Nervous System & Sense Organs	21	3.6	2.1	6.1	12	2.2	1.2	3.9	10	0.5	0.3	0.9	105
Circulatory System	16	1.6	0.9	2.8	10	1.8	0.9	3.5	8	0.4	0.2	0.9	107
Respiratory System	25	2.6	1.7	4.1	19	2.3	1.4	3.7	11	0.3	0.2	0.6	153
Digestive System	26	1.9	1.2	2.9	21	2.2	1.4	3.4	18	0.5	0.3	0.9	176
Genitourinary System	4	1.3	0.5	3.6	10	2.7	1.4	5.3	12	0.7	0.4	1.3	79
Skin & Subcutaneous Tissue	10	3.4	1.6	7.1	7	2.8	1.2	6.4	4	0.4	0.2	1.1	43
Musculoskeletal & Connective Tissue	41	2.1	1.5	3.0	46	3.2	2.3	4.4	31	0.6	0.4	0.9	279
Symptoms, Signs, & Ill-Defined Conditions	30	3.3	2.1	5.0	27	3.2	2.1	4.9	7	0.2	0.1	0.4	159
Injury & Poisoning	84	3.9	3.0	5.0	63	3.1	2.3	4.0	34	0.4	0.3	0.6	366
-Fracture-Neck, Trunk	2	3.1	0.6	15.4	0				1	0.4	0.1	3.1	13
-Fracture-Upper Limb	5	2.9	1.1	7.7	6	3.2	1.3	7.9	3	0.5	0.2	1.5	29
-Fracture-Lower Limb	8	4.1	1.8	9.5	6	2.5	1.0	6.1	3	0.3	0.1	1.3	35
-Dislocation	12	2.8	1.5	5.4	8	2.5	1.1	5.3	6	0.5	0.2	1.3	56
-Sprains & Strains-Back	6	2.1	0.9	5.1	12	5.7	2.8	11.9	4	0.4	0.1	1.1	42
-Sprains & Strains-Other	23	4.3	2.6	7.1	15	2.7	1.5	4.6	11	0.6	0.3	1.1	96
-Open Wound-Upper Limb	5	4.3	1.6	12.1	3	2.4	0.7	8.2	1	0.2	0.03	1.4	19
-Open Wound-Lower Limb	3	9.3	1.6	53.5	0				0				10
-Late Effects of Accident	5	9.2	2.6	33.0	5	9.0	2.9	28.4	0				15
-Contusion	4	5.9	1.8	19.6	3	3.6	0.9	13.7	1	0.2	0.03	1.8	16
-Complications & Unspecified Injuries	0				5	17.5	4.2	72.4	2	0.5	0.1	1.7	12
-Toxic Effects-Non-Medicinal	4	7.1	1.7	29.4	5	8.8	2.5	31.6	2	0.5	0.1	2.2	15
-Unspecified Effects-External Causes	7	9.1	2.9	28.2	1	0.9	0.1	6.5	2	0.6	0.1	2.4	19
-Complications of Surgical/Medical Care	2	1.3	0.3	5.7	3	2.6	0.7	9.6	3	0.5	0.1	1.7	25

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

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

***CI = Confidence Limit

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Appendix O. Sentinel Health Events for Occupations (SHEO)

The following two tables list the disease conditions that have been identified as definitely SHEOs or as possibly SHEOs, respectively (Rutstein DD et al, Sentinel Health Events [Occupational]: A Basis for Physician Recognition and Public Health Surveillance. *American Journal of Public Health*. 1983, 73(9):1054-1062). To make these categories more meaningful to the DOE workplace environment, these two SHEO categories have been evaluated taking into account workplace exposures in the DOE complex to define two additional groups of diagnoses called *production* and *non-production*. These are designated in the last column of each table, labelled *DOE Complex Exposure Potential*. Each group is defined as follows:

Production: Disease conditions that can result from exposures that may occur during production or cleanup activities within the DOE complex. Twenty-six conditions are included in this group.

Non-production: Disease conditions that can be related to occupations within the DOE complex but not exposures related to production or cleanup activities. There are 12 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 non-production*.

Diagnoses - Definitely SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
011.40	Tuberculous fibrosis of lung	Production
155	Hemangiosarcoma of the liver	
158, 163	Mesothelioma (MN of peritoneum and pleura)	Production
187.7	Malignant neoplasm of scrotum	Production
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	Production
504	Byssinosis	

Note: Fourth and fifth digits of some of the codes are considered in the analysis of the data but are not reflected in the table.

(Continued)

Appendix O. Sentinel Health Events for Occupations (SHEO)

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

Note: Fourth and fifth digits of some of the codes are considered in the analysis of the data but are not reflected in the table.

(Continued)

Appendix O. 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	Non-production
204.0	Lymphoid leukemia, acute	Production
205.0	Myeloid leukemia, acute	Production
207.0	Erythroleukemia	Production
283.1	Hemolytic anemia, non-autoimmune	Production
284.8	Aplastic anemia	Production
288.0	Agranulocytosis or neutropenia	Production
289.7	Methemoglobinemia	Non-production
323.7	Toxic encephalitis	Production
332.1	Parkinson's disease (secondary)	Production
334.3	Cerebellar ataxia	Production
354	Carpal tunnel syndrome	Non-production
354.0	Mononeuritis of upper limb and mononeuritis multiplex	Non-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)	Non-production
493.0, 507.8	Extrinsic asthma	Non-production
506.0	Acute bronchitis, pneumonitis, and pulmonary edema due to fumes and vapors	Non-production
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	Production

Note: Fourth and fifth digits of some of the codes are considered in the analysis of the data but are not reflected in the table.

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OSHA Data

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

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Job Category											
Administration	1	3	7	6	17	0	0	1	5	6	23
Professional	0	1	2	1	4	0	1	3	6	10	14
Technical	0	2	4	3	9	1	2	2	2	7	16
Other/Unknown Salaried	0	0	1	1	2	0	2	1	1	4	6
Service	0	1	0	2	3	0	2	9	6	17	20
Security	0	0	0	0	0	0	1	2	0	3	3
Crafts & Manual Labor	0	0	2	2	4	3	3	18	32	56	60
Nuclear	0	2	4	3	9	3	10	10	5	28	37
Other/Unknown	1	3	4	4	12	2	3	4	3	12	24
Total	2	12	24	22	60	9	24	50	60	143	203

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OSHA Data

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

	Women			Men			Total		
	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost
Age Group									
16 - 29	2	0	0	9	45	0	11	45	0
30 - 39	12	553	13	28	276	81	40	829	94
40 - 49	24	311	180	51	956	399	75	1267	579
50 +	22	508	52	64	1060	245	86	1568	297
Total	60	1372	245	152	2337	725	212	3709	970

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OSHA Data

Appendix R. Total Number of Workdays Lost or with Restricted Activity from OSHA Events by Gender and Job Category

	Women			Men			Total		
	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost
Job Category									
Administration	17	282	11	7	125	0	24	407	11
Professional	4	8	180	11	48	33	15	56	213
Technical	9	375	0	7	44	18	16	419	18
Other/Unknown Salaried	2	0	0	4	0	0	6	0	0
Service	3	8	0	18	317	7	21	325	7
Security	0	0	0	3	97	0	3	97	0
Crafts & Manual Labor	4	64	0	57	978	291	61	1042	291
Nuclear	9	208	0	32	646	266	41	854	266
Other/Unknown	12	427	54	13	82	110	25	509	164
Total	60	1372	245	152	2337	725	212	3709	970

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OSHA Data

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

		Women					Men					Total
		Age Group					Age Group					
		16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total	
Diagnostic Category	ICD-9-CM code											
MENTAL DISORDERS	290-319	0	0	1	0	1	0	0	0	0	0	1
-Psychoses	290-299	0	0	1	0	1	0	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	0	0	0	1	4	6	11	11
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	1	2	4	7	7
-Disorders of Eye	360-379	0	0	0	0	0	0	0	2	0	2	2
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	0	2	2	2
CIRCULATORY SYSTEM	390-459	0	0	0	0	0	0	0	0	1	1	1
-Hypertensive Dis	401-405	0	0	0	0	0	0	0	0	1	1	1
RESPIRATORY SYSTEM	460-519	0	0	0	3	3	0	1	0	0	1	4
-Acute Respiratory Infections	460-466	0	0	0	1	1	0	0	0	0	0	1
-Chronic Obstructive Dis	490-496	0	0	0	1	1	0	0	0	0	0	1
-Lung Dis from External Agents	500-508	0	0	0	1	1	0	1	0	0	1	2
GENITOURINARY SYSTEM	580-629	0	0	1	0	1	0	0	0	0	0	1
-Other Female Disorders	617-629	0	0	1	0	1	0	0	0	0	0	1

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

(Continued)

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OSHA Data

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

		Women					Men					Total
		Age Group					Age Group					
		16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total	
Diagnostic Category	ICD-9-CM code											
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	2	1	3	0	0	3	2	5	8
-Other Inflammatory Conditions	690-698	0	0	1	1	2	0	0	2	2	4	6
-Other	700-709	0	0	1	0	1	0	0	1	0	1	2
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	6	19	16	42	3	12	20	27	62	104
-Arthropathies	710-719	0	2	9	7	18	0	4	8	10	22	40
-Dorsopathies	720-724	0	3	8	3	14	2	7	8	9	26	40
-Rheumatism, Excluding Back	725-729	1	1	2	6	10	1	1	4	8	14	24
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	8	4	12	0	2	3	7	12	24
-Symptoms	780-789	0	0	8	4	12	0	2	3	7	12	24
INJURY & POISONING	800-999	1	8	22	15	46	9	29	40	51	129	175
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	0	0	0	3	3	3
-Fracture - Upper Limb	810-819	0	1	2	1	4	0	2	0	3	5	9
-Fracture - Lower Limb	820-829	0	0	0	1	1	0	2	0	1	3	4
-Dislocation	830-839	0	0	0	1	1	0	1	1	1	3	4

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

(Continued)

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OSHA Data

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

		Women					Men					Total
		Age Group				Total	Age Group				Total	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code											
-Sprains & Strains - Back	846-847	0	5	2	2	9	3	5	16	9	33	42
-Sprains & Strains - Other	840-845, 848	1	1	7	4	13	1	5	10	12	28	41
-Intracranial Injury	850-854	0	0	0	0	0	0	1	0	0	1	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1	1	0	0	1	4	5	6
-Open Wound - Upper Limb	880-887	0	0	0	0	0	3	2	3	7	15	15
-Superficial Injury	910-919	0	0	4	2	6	1	5	1	3	10	16
-Contusion	920-924	0	0	4	2	6	1	4	0	4	9	15
-Foreign Body Entering Orifice	930-939	0	0	0	1	1	0	0	3	2	5	6
-Burns	940-949	0	0	0	0	0	0	0	2	0	2	2
-Injury to Nerves & Spinal Cord	950-957	0	0	0	0	0	0	1	0	1	2	2
-Complications & Unspecified Injuries	958-959	0	0	1	0	1	0	1	2	0	3	4
-Toxic Effects - Non Medicinal	980-989	0	1	2	0	3	0	0	1	1	2	5
Total		2	14	53	39	108	12	45	70	94	221	329

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

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OSHA Data

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	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								
-Psychoses	290-299	0	0	0	0	0	0	0	0
-Acute Respiratory Infections	460-466	0	0	0	0	0	0	0	11
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	0	0
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	0
-Other Female Disorders	617-629	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0
-Other	700-709	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	92	0	168	180	386	0
-Dorsopathies	720-724	0	0	78	0	253	0	80	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	211	0	318	0
-Symptoms	780-789	0	0	0	0	8	180	246	0
-Fracture - Upper Limb	810-819	0	0	170	10	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 with at least one occurrence appear in this table.

(Continued)

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OSHA Data

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	29	0
-Dislocation	830-839	0	0	0	0	0	0	0	35
-Sprains & Strains - Back	846-847	0	0	100	0	63	0	0	6
-Sprains & Strains - Other	840-845, 848	0	0	180	0	12	0	13	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	29	0
-Contusion	920-924	0	0	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	0	0	0	0
-Toxic Effects - Non Medicinal	980-989	0	0	3	3	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)

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OSHA Data

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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Disorders of Peripheral NS	350-359	0	0	0	0	0	75	0	49
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	0
-Hypertensive Dis	401-405	0	0	0	0	0	0	0	18
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	18
-Other	700-709	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	20	0	199	220	57	0
-Dorsopathies	720-724	0	0	50	2	96	0	65	0
-Rheumatism, Excluding Back	725-729	15	0	0	0	119	0	23	49
-Symptoms	780-789	0	0	0	0	0	75	14	23
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	0	30	5
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	21	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)

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OSHA Data

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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Fracture - Lower Limb	820-829	0	0	60	0	0	0	0	0
-Dislocation	830-839	0	0	53	52	0	0	0	33
-Sprains & Strains - Back	846-847	30	0	60	0	413	119	347	16
-Sprains & Strains - Other	840-845, 848	0	0	39	0	325	174	727	124
-Intracranial Injury	850-854	0	0	0	27	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	16	0
-Open Wound - Upper Limb	880-887	0	0	0	27	0	0	9	0
-Superficial Injury	910-919	0	0	53	79	0	0	16	0
-Contusion	920-924	0	0	4	0	0	0	30	5
-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
-Injury to Nerves & Spinal Cord	950-957	0	0	0	27	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)

Hanford Site 2002

OSHA Data

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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	2	0	0	0
-Toxic Effects - Non Medicinal	980-989	0	0	0	0	0	0	28	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.

Hanford Site 2002

OSHA Data

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

		Women					Men					Total
		Age Group					Age Group					
		16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total	
Type of Accident	E Codes											
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0	1	0	3	4	4
Accidental Poisoning - Non-Medicinal	E860-E869	0	1	2	0	3	0	1	1	0	2	5
Falls	E880-E888	0	3	6	5	14	1	7	3	6	17	31
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	0	1	0	2	3	3
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	1	1	0	0	4	2	6	7
Other Accidents	E916-E928	2	8	15	13	38	8	18	40	47	113	151

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

Hanford Site 2002

OSHA Data

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes								
Accidental Poisoning - Non-Medicinal	E860-E869	0	0	3	3	0	0	0	0
Falls	E880-E888	0	0	332	10	168	0	29	0
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	218	0	143	180	479	41

*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)

Hanford Site 2002

OSHA Data

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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes								
Motor Vehicle Traffic	E810-E819	0	0	0	27	0	0	14	5
Accidental Poisoning - Non-Medicinal	E860-E869	0	0	0	0	0	0	0	0
Falls	E880-E888	15	0	125	52	37	0	211	63
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	0	28	0
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	30	0	151	2	919	399	788	159

*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.

Hanford Site 2002

OSHA Data

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
MENTAL DISORDERS	290-319	0	0	1	0	0	0	0	0	1
-Psychoses	290-299	0	0	1	0	0	0	0	0	1
RESPIRATORY SYSTEM	460-519	3	0	0	0	0	0	0	0	3
-Acute Respiratory Infections	460-466	1	0	0	0	0	0	0	0	1
-Chronic Obstructive Dis	490-496	1	0	0	0	0	0	0	0	1
-Lung Dis from External Agents	500-508	1	0	0	0	0	0	0	0	1
GENITOURINARY SYSTEM	580-629	0	0	0	0	0	0	1	0	1
-Other Female Disorders	617-629	0	0	0	0	0	0	1	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	1	0	0	0	1	0	1	0	3
-Other Inflammatory Conditions	690-698	0	0	0	0	1	0	1	0	2
-Other	700-709	1	0	0	0	0	0	0	0	1

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

(Continued)

Hanford Site 2002

OSHA Data

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	12	5	5	3	0	2	7	8	42
-Arthropathies	710-719	6	3	2	3	0	0	3	1	18
-Dorsopathies	720-724	3	1	1	0	0	1	3	5	14
-Rheumatism, Excluding Back	725-729	3	1	2	0	0	1	1	2	10
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	7	1	4	0	0	0	0	0	12
-Symptoms	780-789	7	1	4	0	0	0	0	0	12
INJURY & POISONING	800-999	14	3	5	1	2	3	5	13	46
-Fracture - Upper Limb	810-819	2	0	0	0	0	1	0	1	4
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	1	0	1
-Dislocation	830-839	0	0	0	0	0	0	0	1	1
-Sprains & Strains - Back	846-847	4	0	0	0	2	1	0	2	9
-Sprains & Strains - Other	840-845, 848	1	2	3	0	0	0	2	5	13

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

(Continued)

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OSHA Data

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code									
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1	0	0	0	0	1
-Superficial Injury	910-919	3	0	0	0	0	0	2	1	6
-Contusion	920-924	3	0	1	0	0	0	0	2	6
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	1	0	0	1
-Complicatio- ns & Unspecified Injuries	958-959	0	1	0	0	0	0	0	0	1
-Toxic Effects - Non Medicinal	980-989	1	0	1	0	0	0	0	1	3
Total		37	9	15	4	3	5	14	21	108

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

(Continued)

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OSHA Data

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

		Men									Total
		Job Category									
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	2	2	1	1	0	0	3	1	1	11
-Disorders of Peripheral NS	350-359	2	1	0	1	0	0	3	0	0	7
-Disorders of Eye	360-379	0	0	1	0	0	0	0	0	1	2
-Dis of Ear & Mastoid	380-389	0	1	0	0	0	0	0	1	0	2
CIRCULATORY SYSTEM	390-459	0	0	1	0	0	0	0	0	0	1
-Hypertensive Dis	401-405	0	0	1	0	0	0	0	0	0	1
RESPIRATORY SYSTEM	460-519	0	0	0	0	0	0	0	1	0	1
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	1	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	2	0	0	0	3	0	0	5
-Other Inflammatory Conditions	690-698	0	0	2	0	0	0	2	0	0	4
-Other	700-709	0	0	0	0	0	0	1	0	0	1
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	4	3	1	2	20	2	18	11	1	62

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

(Continued)

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OSHA Data

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

		Men									
		Job Category									Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
-Arthropathies	710-719	1	1	0	2	4	2	9	2	1	22
-Dorsopathies	720-724	0	2	1	0	13	0	3	7	0	26
-Rheumatism, Excluding Back	725-729	3	0	0	0	3	0	6	2	0	14
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	0	5	1	0	1	0	4	1	0	12
-Symptoms	780-789	0	5	1	0	1	0	4	1	0	12
INJURY & POISONING	800-999	3	12	7	4	10	1	52	25	15	129
-Fracture - Neck, Trunk	805-809	0	2	0	0	0	0	1	0	0	3
-Fracture - Upper Limb	810-819	0	1	0	0	0	0	3	0	1	5
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	1	1	1	3
-Dislocation	830-839	0	0	0	0	0	0	1	2	0	3
-Sprains & Strains - Back	846-847	0	1	2	0	5	0	11	8	6	33
-Sprains & Strains - Other	840-845, 848	2	2	2	0	3	0	8	8	3	28

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

(Continued)

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OSHA Data

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

		Men									
		Job Category									Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Diagnostic Category	ICD-9-CM Code										
-Intracranial Injury	850-854	0	0	0	0	0	0	1	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	4	0	1	5
-Open Wound - Upper Limb	880-887	1	1	1	1	2	0	7	1	1	15
-Superficial Injury	910-919	0	0	1	3	0	0	5	1	0	10
-Contusion	920-924	0	2	1	0	0	0	3	2	1	9
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	4	0	1	5
-Burns	940-949	0	0	0	0	0	0	1	1	0	2
-Injury to Nerves & Spinal Cord	950-957	0	1	0	0	0	0	1	0	0	2
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	0	1	1	1	0	3
-Toxic Effects - Non Medicinal	980-989	0	2	0	0	0	0	0	0	0	2
Total		9	22	13	7	31	3	80	39	17	221

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

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OSHA Data

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

		Women															
		Job Category															
		Administ- ration		Professi- onal		Technical		Other/Un- known Salaried		Service		Crafts & 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																
-Psychoses	290-299	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Acute Respiratory Infections	460-466	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Other Female Disorders	617-629	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
-Other	700-709	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Arthropathi- es	710-719	208	0	0	180	178	0	0	0	0	0	0	0	92	0	168	0
-Dorsopathies	720-724	8	0	8	0	4	0	0	0	0	0	62	0	87	0	242	0
-Rheumatism, Excluding Back	725-729	183	0	0	0	178	0	0	0	0	0	0	0	0	0	168	0
-Symptoms	780-789	76	0	0	180	178	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	0	2	0	0	0	170	10

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

(Continued)

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OSHA Data

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

		Women															
		Job Category															
		Administ- ration		Professi- onal		Technical		Other/Un- known Salaried		Service		Crafts & 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																
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0
-Dislocation	830-839	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
-Sprains & Strains - Back	846-847	23	0	0	0	0	0	0	0	8	0	62	0	0	0	70	6
-Sprains & Strains - Other	840-845, 848	0	0	0	0	193	0	0	0	0	0	0	0	0	0	12	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Toxic Effects - Non Medicinal	980-989	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3

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

(Continued)

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OSHA Data

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

		Men																	
		Job Category																	
		Administ- ration		Professi- onal		Technical		Other/Un- known Salaried		Service		Security		Crafts & 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	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes																		
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	0	0	0	0	0	0	124	0	0	0	0
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Hypertensive Dis	401-405	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0
-Other	700-709	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Arthropathi- es	710-719	0	0	6	0	0	0	0	0	68	0	97	0	50	75	55	145	0	0
-Dorsopathies	720-724	0	0	0	0	0	0	0	0	46	2	0	0	27	0	138	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0	65	0	0	0	92	49	0	0	0	0
-Symptoms	780-789	0	0	14	5	0	18	0	0	0	0	0	0	75	0	0	0	0	0
-Fracture - Neck, Trunk	805-809	0	0	14	5	0	0	0	0	0	0	0	0	16	0	0	0	0	0

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

(Continued)

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OSHA Data

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

		Men																	
		Job Category																	
		Administ- ration		Professi- onal		Technical		Other/Un- known Salaried		Service		Security		Crafts & 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	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes																		
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0	0	0	0	0	48	0	12	0	0	0
-Dislocation	830-839	0	0	0	0	0	0	0	0	0	0	0	0	0	33	53	52	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	35	0	0	0	154	5	0	0	394	20	185	0	82	110
-Sprains & Strains - Other	840-845, 848	125	0	0	28	9	0	0	0	30	0	0	0	568	91	302	69	57	110
-Intracranial Injury	850-854	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0	0	0	0	0	9	27	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0	0	0	0	0	16	27	53	52	0	0
-Contusion	920-924	0	0	14	5	0	0	0	0	0	0	0	0	20	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Burns	940-949	0	0	0	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/job category combinations with at least one occurrence appear in this table.

(Continued)

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OSHA Data

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

		Men																	
		Job Category																	
		Administ- ration		Professi- onal		Technical		Other/Un- known Salaried		Service		Security		Crafts & 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	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes																		
-Injury to Nerves & Spinal Cord	950-957	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
-Toxic Effects - Non Medicinal	980-989	0	0	28	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/job category combinations with at least one occurrence appear in this table.

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OSHA Data

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Type of Accident	E CODES									
Accidental Poisoning - Non-Medicinal	E860-E869	1	0	1	0	0	0	0	1	3
Falls	E880-E888	3	1	0	1	0	0	3	6	14
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	1	0	0	1
Other Accidents	E916-E928	11	3	8	1	2	3	5	5	38

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

(Continued)

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OSHA Data

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

		Men									
		Job Category									Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Othe- r/Un- known Sala- ried	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Othe- r/Un- known	
Type of Accident	E CODES										
Motor Vehicle Traffic	E810-E819	0	2	0	0	1	0	1	0	0	4
Accidental Poisoning - Non-Medicinal	E860-E869	0	1	0	0	0	0	0	1	0	2
Falls	E880-E888	1	0	3	0	2	1	6	2	2	17
Natural/Envi- ronmental Factors	E900-E909	1	1	0	1	0	0	0	0	0	3
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0	5	0	1	6
Other Accidents	E916-E928	5	7	2	3	15	2	41	28	10	113

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

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

		Women															
		Job Category															
		Administ- ration		Professi- onal		Technical		Other/Un- known Salaried		Service		Crafts & 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																
Accidental Poisoning - Non-Medicinal	E860-E869	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Falls	E880-E888	0	0	0	0	0	0	0	0	0	0	0	0	121	0	408	10
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	282	0	8	180	375	0	0	0	8	0	64	0	87	0	16	41

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

(Continued)

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OSHA Data

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

		Men																	
		Job Category																	
		Administ- ration		Professi- onal		Technical		Other/Un- known Salaried		Service		Security		Crafts & 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	Days Res- tri- cted	Days Lost
Type of Accident	E Codes																		
Motor Vehicle Traffic	E810-E819	0	0	14	5	0	0	0	0	0	0	0	0	0	27	0	0	0	0
Accidental Poisoning - Non-Medicinal	E860-E869	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	44	0	0	0	4	0	0	0	257	63	68	52	15	0
Natural/Envi- ronmental Factors	E900-E909	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	125	0	6	28	0	0	0	0	313	7	97	0	702	201	578	214	67	110

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

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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 by Gender and Job Category from 1995 to 2002**

Rate per 1,000 Women

Women	Administration			Professional			Technical			Other/Unknown Salaried		
	Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid
1995	32	38	46	15	24	38	121	153	193	0	0	0
1996	27	33	41	12	20	34	65	88	118	0	0	0
1997	15	21	28	8	14	26	36	56	86	2	9	40
1998	19	27	38	8	16	29	47	73	114	3	10	30
1999	12	18	26	4	8	17	54	77	111	10	22	46
2000	29	37	47	18	29	45	60	92	141	2	5	15
2001	10	15	24	12	21	36	24	37	58	6	12	25
2002	11	18	28	5	10	20	22	36	61	3	8	22

Year	Service			Security			Crafts & Manual Labor			Nuclear		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1995	72	124	215	0	0	0	28	57	113	103	163	258
1996	18	38	81	9	66	470	64	106	176	52	100	192
1997	97	158	258	0	0	0	72	130	236	41	71	123
1998	32	65	131	0	0	0	58	123	261	108	167	260
1999	28	54	104	0	0	0	226	583	1502	121	215	383
2000	127	215	364	0	0	0	17	52	165	36	63	109
2001	42	77	141	8	53	377	78	212	572	54	121	267
2002	9	30	103	0	0	0	27	66	161	37	65	114

Year	Other/Unknown		
	Lower	Mid	Upper
1995	6	14	35
1996	51	125	308
1997	5	11	21
1998	4	7	13
1999	6	11	20
2000	8	13	20
2001	7	12	21
2002	13	20	31

(Continued)

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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 by Gender and Job Category from 1995 to 2002**

Rate per 1,000 Men

Men	Administration			Professional			Technical			Other/Unknown Salaried		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1995	8	12	21	10	13	17	42	54	70	0	0	0
1996	5	7	10	6	8	12	43	57	75	0	0	0
1997	3	5	9	4	7	11	15	28	51	2	6	26
1998	1	2	5	4	5	8	21	31	46	<1	1	9
1999	3	5	9	10	20	41	15	25	44	4	9	19
2000	4	6	10	8	11	15	23	37	60	8	11	16
2001	2	4	8	4	6	10	15	26	45	3	9	23
2002	2	3	6	5	7	11	18	39	85	3	5	12

Year	Service			Security			Crafts & Manual Labor			Nuclear		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1995	112	140	176	21	41	77	124	152	187	112	148	197
1996	106	154	223	44	77	136	108	135	169	83	112	151
1997	73	112	170	11	21	43	50	65	84	49	69	98
1998	63	100	159	3	8	24	57	75	99	64	87	119
1999	55	79	114	48	77	124	69	106	162	33	55	92
2000	43	69	109	5	12	32	85	143	241	30	53	94
2001	63	96	145	9	20	45	51	65	82	25	36	52
2002	69	100	146	3	10	33	51	81	129	32	48	70

Year	Other/Unknown		
	Lower	Mid	Upper
1995	10	23	51
1996	61	94	142
1997	3	6	14
1998	3	6	12
1999	<1	1	5
2000	7	10	15
2001	7	11	16
2002	6	9	15

Part 2. Age-Adjusted Rates for Injury by Gender from 1995 to 2002

Rate per 1,000

Year	Injury Men			Injury Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1995	26	29	32	16	19	23
1996	26	30	34	18	22	26
1997	14	16	20	10	13	17
1998	14	17	20	11	14	18
1999	9	11	14	10	13	18
2000	10	12	15	11	14	19
2001	10	12	14	9	12	15
2002	10	13	16	6	8	11

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Appendix BB. OSHA Diseases and Injuries by Diagnostic Category**Part 1. Men**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	11	0.8	0.4	1.5
Circulatory System	390-459	1	0.1	0.0	0.8
-Hypertension	401	1	0.1	0.0	0.8
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	1	0.1	0.0	0.8
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	5	0.4	0.1	0.9
Musculoskeletal System	710-739	62	5.7	4.2	7.8
-Dorsopathies	720-724	26	2.7	1.6	4.4
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	12	1.1	0.6	2.0
Injury & Poisoning	800-999	129	13.0	10.4	16.2
-Fractures, All Sites	800-829	11	1.0	0.5	1.9
-Dislocations	830-839	3	0.3	0.1	1.0
-Sprains & Strains	840-848	61	5.8	4.2	8.0
-Intracranial Injuries	850-854	1	0.1	0.0	0.8
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	20	2.3	1.2	4.3
-Other Injuries	900-999	33	3.5	2.3	5.3
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		221	21.2	18.0	25.1

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

(Continued)

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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	0.2	0.0	1.1
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	0	0	0	0
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	3	0.5	0.2	1.7
-Upper Respiratory	460-465, 470-478	1	0.2	0.0	1.3
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	1	0.2	0.0	1.3
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	1	0.2	0.0	1.1
-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	0.5	0.2	1.5
Musculoskeletal System	710-739	42	7.3	5.4	10.0
-Dorsopathies	720-724	14	2.3	1.4	4.0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	12	1.9	1.1	3.4
Injury & Poisoning	800-999	46	8.0	6.0	10.8
-Fractures, All Sites	800-829	5	0.9	0.4	2.1
-Dislocations	830-839	1	0.2	0.0	1.3
-Sprains & Strains	840-848	22	4.0	2.6	6.2
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	0.2	0.0	1.3
-Other Injuries	900-999	17	2.8	1.7	4.4
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		108	18.6	15.3	22.5

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

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

(Continued)

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Appendix BB. OSHA Diseases and Injuries by Diagnostic Category**Part 3. Men and Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	1	0.0	0.0	0.3
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	11	0.6	0.3	1.1
Circulatory System	390-459	1	0.1	0.0	0.7
-Hypertension	401	1	0.1	0.0	0.7
-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	4	0.2	0.1	0.6
-Upper Respiratory	460-465, 470-478	1	0.0	0.0	0.3
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	1	0.0	0.0	0.3
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	1	0.0	0.0	0.3
-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	8	0.4	0.2	0.8
Musculoskeletal System	710-739	104	6.0	4.9	7.5
-Dorsopathies	720-724	40	2.4	1.7	3.5
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	24	1.4	0.9	2.1
Injury & Poisoning	800-999	175	10.9	9.2	12.9
-Fractures, All Sites	800-829	16	1.0	0.6	1.6
-Dislocations	830-839	4	0.3	0.1	0.7
-Sprains & Strains	840-848	83	5.1	4.0	6.5
-Intracranial Injuries	850-854	1	0.1	0.0	0.5
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	21	1.5	0.9	2.5
-Other Injuries	900-999	50	3.1	2.3	4.2
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		329	19.7	17.4	22.3

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

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

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

Diagnostic Category	Administration 3,176 Person-Years				Professional 3,344 Person-Years				Technical 1,081 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	23	0.4	0.2	0.6	14	0.2	0.1	0.4	16	1.1	0.7	1.8
Musculoskeletal & Connective Tissue	12	0.5	0.3	0.9	5	0.2	0.1	0.6	5	0.9	0.4	2.1
Symptoms, Signs, & Ill- Defined Conditions	7	1.4	0.4	4.4	3	0.7	0.2	2.5	3	2.4	0.7	7.9
Injury & Poisoning	9	0.2	0.1	0.5	9	0.2	0.1	0.5	9	0.9	0.5	1.8
-Sprains & Strains-Back	3	0.3	0.1	1.2	1	0.1	0.01	0.7	2	0.7	0.2	2.9
-Sprains & Strains-Other	3	0.3	0.1	0.8	4	0.4	0.1	1.0	5	1.8	0.7	4.9
-Open Wound-Upper Limb	1	0.4	0.1	3.4	1	0.2	0.03	1.5	1	1.0	0.1	7.4
-Superficial Injury	1	0.3	0.03	2.5	0				1	1.2	0.2	8.8
-Contusion	1	0.3	0.03	3.1	1	0.3	0.04	3.0	2	2.4	0.6	10.4

Diagnostic Category	Other/Unknown Salaried 1,429 Person-Years				Service 319 Person-Years				Security 193 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	6	0.3	0.1	0.6	20	4.7	2.9	7.4	3	1.1	0.4	3.6
Musculoskeletal & Connective Tissue	3	0.4	0.1	1.2	12	7.7	4.2	14.3	2	2.4	0.6	9.9
Symptoms, Signs, & Ill- Defined Conditions	0				1	2.1	0.3	15.5	0			
Injury & Poisoning	3	0.2	0.1	0.7	10	3.6	1.9	6.8	1	0.5	0.1	3.9
-Sprains & Strains-Back	0				7	10.8	4.7	24.9	0			
-Sprains & Strains-Other	0				2	2.2	0.5	9.1	0			
-Open Wound-Upper Limb	1	0.7	0.1	5.3	2	7.8	1.7	35.5	0			
-Superficial Injury	1	1.0	0.1	8.2	0				0			
-Contusion	0				0				0			

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

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

***CI = Confidence Limit

(Continued)

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

Diagnostic Category	Crafts & Manual Labor 1,131 Person-Years				Nuclear 946 Person-Years				Other/Unknown 3,041 Person-Years				Total Persons with 1+ Event
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upper 95% CI***	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upper 95% CI***	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upper 95% CI***	
All Diagnostic Categories	60	5.5	4.0	7.7	37	3.4	2.4	4.9	24	0.6	0.4	0.9	203
Musculoskeletal & Connective Tissue	18	4.3	2.4	7.7	16	4.3	2.4	7.7	5	0.3	0.1	0.7	78
Symptoms, Signs, & Ill- Defined Conditions	4	5.6	1.5	21.2	1	0.9	0.1	8.0	0				19
Injury & Poisoning	42	6.1	4.1	9.0	25	3.4	2.2	5.4	22	0.9	0.6	1.4	130
-Sprains & Strains-Back	10	4.5	2.1	9.8	7	3.3	1.4	8.0	6	0.8	0.3	2.0	36
-Sprains & Strains-Other	8	3.3	1.4	7.6	10	5.0	2.4	10.4	8	1.1	0.5	2.5	40
-Open Wound-Upper Limb	7	8.2	2.9	22.9	1	0.9	0.1	6.9	1	0.1	0.01	2.0	15
-Superficial Injury	3	12.9	2.1	78.6	3	5.0	1.4	18.5	1	0.4	0.1	2.8	10
-Contusion	3	6.8	1.5	31.9	2	2.9	0.5	15.6	2	0.8	0.2	3.4	11

* 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