

SUPPORTING TABLES
Hanford Site: 1999

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	186	531	789	648	2154	36	320	870	909	2135	4289
Professional	48	210	246	103	607	78	743	1285	1027	3133	3740
Technical	44	153	122	67	386	51	284	291	161	787	1173
Other/Unknown Salaried	39	77	63	26	205	63	159	181	141	544	749
Service	2	20	37	43	102	14	75	98	69	256	358
Security	0	5	1	3	9	2	63	89	35	189	198
Crafts & Manual Labor	2	9	22	7	40	14	105	392	339	850	890
Nuclear	16	55	56	28	155	49	255	270	92	666	821
Other/Unknown	484	282	239	157	1162	396	333	371	421	1521	2683
Total	821	1342	1575	1082	4820	703	2337	3847	3194	10081	14901

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Appendix B. Most Common Job Titles in Each Job Category

ADMINISTRATION	HEALTH AND SAFETY	WRITER
ACCOUNTANT	HEALTH PHYSICIST*	
ADMINISTRATIVE	HUMAN RESOURCE	PROFESSIONAL
ADMINISTRATIVE ANALYST	INSPECTOR*	ADVISOR*
ADMINISTRATIVE ASSISTANT	INSTRUCTOR*	ANALYST*
ADMINISTRATIVE SERVICES	INTERN	ARCHITECT
ADMINISTRATIVE SPECIALIST	INVESTIGATOR	ATTORNEY
ADMINISTRATOR	LABOR RELATIONS	CHEMIST
ADVISOR*	LANDLORD	COMPUTER PROGRAMMER*
AGENT	LEADER	CONSTRUCTION ENGINEER
AIDE	LEGAL	CONSULTANT*
ANALYST*	LIAISON	CONTRACT WORKER
ASSISTANT*	LIBRARIAN	DATA MANAGEMENT
ASSISTANT ADMINISTRATOR	LOGISTICS SPEC	DIRECTOR*
ASSISTANT OPERATIONS MGR	MAIL CLERK	DOSIMETRY SPECIALIST
ASSOC DIRECTOR	MANAGER*	ECONOMIST
ASSOCIATE*	MEDICAL ASSISTANT TECH*	ENGINEER*
AUDITOR	OFFICER CLASSIFICATION	EPIDEMIOLOGIST
BASELINE MAN	OPERATIONS PERSONNEL	FIREFIGHTER EMT
BUYER	OPERATIONS/MAINT	FIREFIGHTER PARAMEDIC
CLERK	PARALEGAL	FITNESS COORDINATOR
COG ENGINEER	PATENT AGENT	GEOLOGIST
COMPUTER PROGRAMMER*	PAYMASTER	GRADUATE
COMPUTER SPECIALIST	PLANNER	HEALTH PHYSICIST*
CONFIGURATION CONTROL	POWER OPERATOR	HISTOLOGY
CONSTRUCTION*	PROFESSIONAL SUPPORT	HYDROGEOLOGIST
CONSULTANT*	PROJECT CONTROL ENGINEER	HYDROLOGIST
CONTRACT OFFICER	QUALITY ASSURANCE	HYGIENIST
CONTRACTOR*	REALTY OFFICER	INDUS SAFETY
CONTROLLER	RECEPTIONIST	INDUSTRIAL HYGIENIST*
COORDINATOR	RECORDS CLERK	INSPECTOR*
COST SCHEDULING ENGINEER	RECRUITER	MANAGER*
COUNSELOR	REPRESENTATIVE	MEDICAL ASSISTANT
DATA ENTRY OPERATOR	SAFEGUARDS & SECURITY	MEDICAL DIRECTOR
DECLASSIFIER	SAFETY OFFICER	NETWORK DESIGNER
DIRECTOR*	SCHEDULER	NURSE
DISPATCHER	SECRETARY	OTHER PROFESSIONAL
DUTY OFFICER	SECURITY	PARAMEDIC
EDITOR	SPECIALIST*	PATHOLOGIST
EMERGENCY PREPAREDNESS*	SUPERINTENDENT*	PHYSICIAN
ENGINEER*	SUPERVISOR*	PHYSICIAN ASSISTANT
ENVIRONMENTALIST	SWITCHBOARD OPERATOR	PHYSICIST
ESCORT	TEAM LEADER*	PHYSIOLOGY DIRECTOR
ESTIMATOR	TECHNICAL INSTRUCTOR	PRESIDENT
EVALUATOR	TELEPHONE SERVICES	PROGRAMMER
EXECUTIVE	TIMEKEEPER	PROGRAMMER ANALYST
EXPEDITER	TRAINER	PSYCHOLOGIST
GENERAL COUNSEL	TRANSITION TEAM	QUALITY ASSURANCE ENGINEER
GENERAL SUPERINTENDENT	VICE PRESIDENT	RADIOCHEMIST
GROUP LEADER	WASTE TRANSPORTATION	RESEARCH ASSOCIATE
GROUP MANAGER	WORD PROCESSOR	RESEARCH SCIENTIST

(CONTINUED)

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Appendix B. Most Common Job Titles in Each Job Category

RESEARCHER
RESPIRATORY PROTECTION
SCIENTIST*
SOFTWARE ANALYST
SPECIALIST*
STAFF ENGINEER
STATISTICIAN
SUPERINTENDENT*
SUPERVISOR*
SYSTEMS ANALYST
TECHNICAL WRITER
TOXICOLOGIST
VETERINARIAN

TECHNICAL

ANALYST*
ANIMAL CARE TECH
ASSOCIATE SCIENTIST
AUTOMATION TECHNICIAN
BHS TECHNICIAN
BUILDING TECHNICIAN
CABLE TECHNICIAN
CHEM SPECIALIST
CHEMICAL TECHNOLOGIST
COMMUNICATION TECH
COMPUTER OPERATOR
COMPUTER TECHNICIAN
DATA TECH
DESIGNER
DRAFTER
ELECTRONIC TECH
ENGINEER
ENVIRONMENTAL
EXPOSURE OPERATOR
FACILITY ENGINEER
GRAPHICS DESIGNER
HEALTH INFORMATION TECH
HEALTH PHYSICS TECHNICIAN*
HISTOLOGY TECH
IH/SAFETY TECH
INDUSTRIAL HYGIENE TECH
INSPECTOR
INSTRUMENT TECH
INVENTORY CONTROL
LAB TECHNICIAN
LASER TECH
MED DIRECTOR ASSISTANT
MEDIA TECHNICIAN
MEDICAL ASSISTANT TECH*
MEDICAL/CHEMICAL TECH
NUCLEAR CHEMICAL OPERATOR*

PRIN TECH EDITOR
PROJECT TECH
QA INSPECTOR
QC INSPECTOR
QC TECHNICIAN
QUALITY ASSURANCE TECH
RADIOLOGICAL & MED TECH
REPRODUCTION LEADER
RESEARCH ASSISTANT
RESEARCH SCIENTIST
RESEARCH TECHNICIAN
RESPIRATORY TECH
SCHEDULING TECHNICIAN
SCIENCE SPECIALIST
SCIENTIFIC TECHNICIAN
STUDENT TECH
SUMMER TECH
SUPERINTENDENT*
TECH ANALYST
TECH ASST
TECH DIRECTOR
TECHNICAL INSTRUCTOR
TECHNICAL SPECIALIST
TECHNICAL SUPPORT
TECHNICIAN
TECHNOLOGIST
TELEPHONE TECH
TRANSPORTATION SPECIALIST
WEAPONS TECHNICIAN
XRAY TECHNOLOGIST

OTHER/UNKNOWN SALARIED

ASSISTANT*
ASSOCIATE*
COE*
CONTRACTOR*
GROUP LEADER
INDUSTRIAL
MANAGER*
POSTDOCTORAL*
SCIENTIST*
SPECIALIST*
STAFF
STUDENT*
SUPERVISOR*
TASK/TEAM LEADER
UNDERGRADUATE INTERN
UNKNOWN*
VISITOR

SERVICE

BATTALION CHIEF
BUS DRIVER
CHIEF HANFORD FIRE DEPT
CHIEF OPERATOR
CONDUCTOR
D & D WORKER
DRIVER
DRIVER HEAVY DUTY
DRIVER LIGHT
ELEVATOR INSPECTOR
FIRE MARSHALL
FIRE PROTECTION ENGINEER
FIREFIGHTER*
FLOOR SERVICE
FUELS OPERATOR
GROUNDSKEEPER
JANITOR
MAIL MESSENGER
OPERATOR*
QUALITY CONTROL
REPRODUCTION OPERATOR
RES EQUIPMENT MAN
SECURITY ESCORT
SERVICEPERSON
SURVEYOR
SWITCHMAN
TRACK EQUIPMENT OPERATOR
TRACK INSPECTOR

SECURITY

CAPT PATROL
CAPT PLATOON
CAPTAIN
DEPUTY CHIEF
DEPUTY SHERIFF
EMERGENCY PREPAREDNESS*
FITNESS TRAINING
GUARD
INSTRUCTOR*
LIEUTENANT
LT PATROL OPERATIONS
MANAGER*
PATROL CHIEF
SECURITY GUARD
SECURITY POLICE OFFICER
SECURITY SERVICES
SECURITY SPECIALIST
SECURITY WATCHMAN
SHIFT LT
SHIFT COMMANDER

(CONTINUED)

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Appendix B. Most Common Job Titles in Each Job Category

SUPERVISOR*	MILLWRIGHT	POWER OPERATOR
	OILIER	RAD CONTROL
CRAFTS AND MANUAL LABOR	OPERATING ENGINEER	RAD PROTECT TECH
AUTOBODY REPAIR & PAINT	PAINTER	RADIATION MONITOR
AUTOMOTIVE PARTS HANDLER	PAINTER SIGN	RADIATION SAFETY
BOILERMAKER	PAINTER/CARPET INSTALLER	REACTOR FUELS OPERATOR
CARPENTER	PIPEFITTER	REACTOR OPERATOR
CEMENT FINISHER	PLUMBER STEAMFITTER	REACTOR OPERATOR TECH
CONSTRUCTION*	RIGGER	SOE
CRANE OPERATOR	SAFETY AND HEALTH TECH	SUPERVISOR*
DRILLER	SHEETMETAL WORKER	TECH SPEC NUCLE
ELECTRICIAN	STATIONARY ENGINEER	UTILITY SYSTEM OPERATOR
EQUIPMENT OPERATOR	STOCK & TOOL ATTENDANT	
FOREMAN	TEAMSTER	OTHER/UNKNOWN
GENERAL LABORER	TOOL CRIB ATTENDANT	COE*
GLAZIER GLASSMAKER	WELDER	CONTRACT WORKER
HEAVY EQUIPMENT OPERATOR	WELL DRILLER	CONTRACTOR*
INSTRUMENT SPECIALIST	WIREMAN	ENGINEER
INSTRUMENT TECH		FELLOWSHIP
INSULATOR	NUCLEAR	INDUSTRIAL HYGIENIST*
IRONWORKER	CHEMICAL PROCESS OPERATOR	JOB TITLE UNKNOWN
IRONWORKER RIGGER	DECOM/DECONTAM WORKER	LAB GUARD
LAB INSTRUMENT SPE	ENVIRONMENTAL MANAGEMENT	MANAGER*
LABORATORY MACHINIST	HAZ MATERIAL	OPERATOR*
LABORER	HAZ WASTE TECH	OWNER OPERATOR
LINEMAN	HEALTH PHYSICS TECHNICIAN*	POSTDOCTORAL*
LOCKSMITH	HOT CELL TECH	POSTGRADUATE
LOCOMOTIVE ENGINEER	MATERIAL HANDLER	SPECIALIST*
LUBE AND TIREMAN	NUCLEAR CHEMICAL OPERATOR*	STUDENT*
MACHINIST	NUCLEAR CONTROL POWER OPER CHIEF	SUMMER HIRE
MANAGER*	NUCLEAR MATERIAL	UNDERGRADUATE
MASTER CRAFTSMAN	NUCLEAR OPERATOR	UNKNOWN*
MECHANIC	NUCLEAR POWER OPERATOR	VENDOR
MECHANICAL DESIGNER	NUCLEAR REACTOR OPERATOR	
METAL OPERATOR	NUCLEAR SAFETY	
METER RELAY TECHNICIAN	NUCLEAR WASTE OPERATOR	

*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 1999

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

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

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

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

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

Appendix C. Work Force Demographics**Part 4.** Percentage of Women in Different Job Categories from 1993 to 1999

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

* 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	9	36	60	48	153	0	7	22	50	79	232
Professional	0	6	5	7	18	0	24	33	49	106	124
Technical	3	11	18	8	40	2	17	25	12	56	96
Other/Unknown Salaried	3	1	4	0	8	1	1	5	7	14	22
Service	0	3	11	16	30	2	10	14	8	34	64
Security	0	0	0	0	0	0	5	7	5	17	17
Crafts & Manual Labor	0	1	2	0	3	1	8	52	45	106	109
Nuclear	1	14	12	11	38	4	29	27	8	68	106
Other/Unknown	4	4	5	7	20	0	2	2	0	4	24
Total	20	76	117	97	310	10	103	187	184	484	794

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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											
Administration	9	47	69	50	175	0	7	23	54	84	259
Professional	0	6	6	8	20	0	24	37	55	116	136
Technical	3	14	20	8	45	2	18	33	14	67	112
Other/Unknown Salaried	3	1	4	0	8	1	1	5	7	14	22
Service	0	3	15	17	35	3	11	15	12	41	76
Security	0	0	0	0	0	0	5	7	8	20	20
Crafts & Manual Labor	0	1	2	0	3	1	9	54	49	113	116
Nuclear	2	18	13	14	47	6	34	34	9	83	130
Other/Unknown	5	5	5	8	23	0	2	2	0	4	27
Total	22	95	134	105	356	13	111	210	208	542	898

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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	7	33	43	27	110	5	38	70	72	185	295
15 - 28	4	26	31	29	90	1	26	41	43	111	201
29 - 42	2	5	21	11	39	2	18	30	26	76	115
43 - 56	2	12	12	12	38	1	8	24	21	54	92
57 - 91	2	7	12	11	32	2	10	22	24	58	90
92 - 182	5	8	11	15	39	2	9	20	20	51	90
183 +	0	4	4	0	8	0	2	3	2	7	15
Total	22	95	134	105	356	13	111	210	208	542	898

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

	Women										Men										
	Job Category										Job Category										
	Adm- ini- str- ati- on	Pro- fes- sio- nal	Tec- hni- cal	Oth- er/- Unk- nown Sal- ari- ed	Ser- vice	Cra- fts & Man- ual Lab- or	Nuc- lear	Oth- er/- Unk- nown	Tot- al		Adm- ini- str- ati- on	Pro- fes- sio- nal	Tec- hni- cal	Oth- er/- Unk- nown Sal- ari- ed	Ser- vice	Sec- uri- ty	Cra- fts & Man- ual Lab- or	Nuc- lear	Oth- er/- Unk- nown	Tot- al	
# of Calendar Days																					
< 15	52	7	11	4	11	2	16	7	110	26	48	21	2	11	13	33	30	1	185		
15 - 28	49	5	11	1	5	0	10	9	90	17	30	15	3	9	5	18	14	0	111		
29 - 42	26	4	3	0	2	0	2	2	39	14	9	5	2	7	1	25	12	1	76		
43 - 56	19	3	4	0	6	1	5	0	38	8	12	10	2	2	0	13	7	0	54		
57 - 91	13	1	4	3	7	0	3	1	32	7	12	6	3	7	0	11	11	1	58		
92 - 182	14	0	8	0	4	0	10	3	39	12	5	9	1	2	1	11	9	1	51		
183 +	2	0	4	0	0	0	1	1	8	0	0	1	1	3	0	2	0	0	7		
Total	175	20	45	8	35	3	47	23	356	84	116	67	14	41	20	113	83	4	542		

*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	9	4	3	17	1	7	12	10	30	47
-Intestinal Infectious Dis	001-009	0	3	0	0	3	1	1	3	1	6	9
-Other Bacterial Dis	030-041	0	0	1	1	2	0	1	3	2	6	8
-Viral Dis with Exanthem	050-057	0	1	0	0	1	0	3	2	2	7	8
-Other Viral Dis & Chlamydiae	070-079	1	5	3	2	11	0	2	3	5	10	21
-Mycoses	110-118	0	0	0	0	0	0	0	1	0	1	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	3	4	2	9	0	2	5	13	20	29
-Digestive & Peritoneal	150-159	0	0	0	1	1	0	0	2	1	3	4
-Breast	174-175	0	0	2	1	3	0	0	0	0	0	3
-Genitouri- nary	179-189	0	3	0	0	3	0	2	2	10	14	17
-Other & Unspecified Sites	190, 193- 199	0	0	2	0	2	0	0	0	0	0	2
-Lymphatic & Hematopoe- tic	200-208	0	0	0	0	0	0	0	1	2	3	3

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

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	2	3	4	3	12	0	2	0	4	6	18
ENDOCRINE/- METABOLIC/- IMMUNITY	240-279	2	3	5	4	14	0	2	7	7	16	30
-Thyroid Gland Disorders	240-246	0	0	1	2	3	0	0	1	0	1	4
-Other Endocrine Gland Dis	250-259	1	0	3	1	5	0	1	1	6	8	13
-Nutrition- al Deficienci- es	260-269	0	1	0	0	1	0	0	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	1	2	1	1	5	0	1	5	1	7	12
BLOOD & BLOOD- FORMING ORGANS	280-289	0	1	1	0	2	0	0	0	0	0	2
MENTAL DISORDERS	290-319	4	22	18	7	51	2	7	9	11	29	80
-Psychoses	290-299	1	4	0	0	5	0	0	1	2	3	8
-Non- Psychotic Disorders	300-302, 306-316	3	16	17	6	42	1	6	6	8	21	63
-Alcohol Dependence	303	0	0	0	1	1	0	0	0	0	0	1
-Drug Dependence	304-305	0	2	1	0	3	1	1	2	1	5	8

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

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	4	8	12	5	29	0	6	17	13	36	65
-Heredita- ry/Degenera- tive Central NS Dis	330-337	0	0	0	0	0	0	0	0	1	1	1
-Other Disorders of Central NS	340-349	2	2	1	0	5	0	0	4	0	4	9
-Disorders of Peripheral NS	350-359	2	4	6	3	15	0	2	4	1	7	22
-Disorders of Eye	360-379	0	0	2	2	4	0	2	5	3	10	14
-Dis of Ear & Mastoid	380-389	0	2	3	0	5	0	2	4	8	14	19
CIRCULATORY SYSTEM	390-459	0	2	2	6	10	0	2	13	33	48	58
-Hypertens- ive Dis	401-405	0	0	0	1	1	0	1	1	2	4	5
-Ischemic Heart Dis	410-414	0	1	0	2	3	0	0	6	18	24	27
-Other Heart Dis	420-429	0	0	0	1	1	0	1	0	5	6	7
-Cerebrova- scular Dis	430-438	0	0	0	2	2	0	0	0	4	4	6
-Dis of Arteries & Capillaries	440-448	0	0	1	0	1	0	0	3	0	3	4

*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											
-Dis of Veins, Lymphatics, Other	451-459	0	1	1	0	2	0	0	3	4	7	9
RESPIRATORY SYSTEM	460-519	1	21	30	18	70	2	15	24	27	68	138
-Acute Respiratory Infections	460-466	0	10	6	3	19	0	5	2	7	14	33
-Other Dis Upper Respiratory Tract	470-478	0	1	12	2	15	1	3	4	9	17	32
-Pneumonia & Influenza	480-487	1	5	4	7	17	0	5	9	3	17	34
-Chronic Obstructive Dis	490-496	0	3	7	4	14	1	1	8	6	16	30
-Other Respiratory Dis	510-519	0	2	1	2	5	0	1	1	2	4	9
DIGESTIVE SYSTEM	520-579	5	5	27	18	55	1	15	39	43	98	153
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	2	3	0	1	1	1	3	6
-Esophagus, Stomach, Duodenum	530-537	0	0	1	1	2	0	0	3	4	7	9
-Appendici- tis	540-543	1	0	3	3	7	1	1	2	5	9	16
-Hernia	550-553	0	1	4	3	8	0	5	15	18	38	46

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

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Enteritis, Colitis	555-558	0	0	0	0	0	0	0	1	3	4	4
-Other Intestinal Dis	560-569	2	0	2	2	6	0	6	8	7	21	27
-Other Digestive Dis	570-579	2	4	16	7	29	0	2	9	5	16	45
GENITOURIN- ARY SYSTEM	580-629	5	12	17	7	41	0	0	4	6	10	51
-Nephritis, Nephrosis	580-589	1	0	0	0	1	0	0	0	0	0	1
-Other Urinary Dis	590-599	0	2	3	1	6	0	0	3	1	4	10
-Male Genital Organ Dis	600-608	0	0	0	0	0	0	0	1	5	6	6
-Breast Disorders	610-611	0	0	1	0	1	0	0	0	0	0	1
-Pelvic Inflammato- ry Dis	614-616	0	2	2	0	4	0	0	0	0	0	4
-Other Female Disorders	617-629	4	8	11	6	29	0	0	0	0	0	29
PREGNANCY & CHILDBIRTH	630-677	2	4	0	0	6	0	0	0	0	0	6
-Ectopic & Molar Pregnancy	630-633	1	3	0	0	4	0	0	0	0	0	4

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

(CONTINUED)

Hanford 1999

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											
-Pregnancy with Abortive Outcome	634-639	1	1	0	0	2	0	0	0	0	0	2
SKIN & SUBCUTANEO- US TISSUE	680-709	0	1	0	2	3	1	3	7	6	17	20
-Infections	680-686	0	0	0	1	1	1	3	5	1	10	11
-Other Inflammato- ry Conditions	690-698	0	1	0	0	1	0	0	1	0	1	2
-Other	700-709	0	0	0	1	1	0	0	1	5	6	7
MUSCULOSKE- LETAL & CONNECTIVE TISSUE	710-739	2	20	32	27	81	4	29	54	49	136	217
-Arthropat- hies	710-719	1	4	7	13	25	3	2	15	19	39	64
-Dorsopath- ies	720-724	0	12	12	0	24	0	18	26	11	55	79
-Rheumatis- m, Excluding Back	725-729	1	4	12	12	29	1	7	10	14	32	61
-Other Dis & Acquired Deformities	730-739	0	0	1	2	3	0	2	3	5	10	13
CONGENITAL ANOMALIES	740-759	0	0	1	0	1	0	0	0	0	0	1
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	780-799	2	13	10	7	32	1	12	14	7	34	66

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

(CONTINUED)

Hanford 1999

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Symptoms	780-789	2	11	8	6	27	1	11	13	7	32	59
-Non- Specific Abnormal Findings	790-796	0	2	2	1	5	0	0	1	0	1	6
-Ill- Defined & Unknown Causes	797-799	0	0	0	0	0	0	1	0	0	1	1
INJURY & POISONING	800-999	0	11	24	39	74	6	43	68	44	161	235
-Fracture - Neck, Trunk	805-809	0	0	1	0	1	2	2	5	2	11	12
-Fracture - Upper Limb	810-819	0	1	1	2	4	1	5	3	1	10	14
-Fracture - Lower Limb	820-829	0	0	3	5	8	0	3	3	5	11	19
-Dislocati- on	830-839	0	1	2	6	9	0	7	15	5	27	36
-Sprains & Strains - Back	846-847	0	1	2	2	5	0	3	5	6	14	19
-Sprains & Strains - Other	840-845, 848	0	6	11	5	22	1	8	16	9	34	56
-Intracran- ial Injury	850-854	0	0	0	0	0	0	1	0	0	1	1
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	1	1	0	0	0	1	1	2

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

(CONTINUED)

Hanford 1999

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											
-Open Wound Head, Neck, Trunk	870-879	0	0	0	1	1	0	0	1	1	2	3
-Open Wound Upper Limb	880-887	0	0	0	4	4	0	0	0	1	1	5
-Open Wound Lower Limb	890-897	0	0	1	1	2	0	0	0	0	0	2
-Late Effects	905-909	0	0	0	0	0	2	3	9	5	19	19
-Superfici- al Injury	910-919	0	0	0	0	0	0	0	1	0	1	1
-Contusion	920-924	0	0	0	5	5	0	1	3	1	5	10
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	1	0	0	1	1
-Burns	940-949	0	0	0	0	0	0	2	0	1	3	3
-Complicat- ions & Unspecified Injuries	958-959	0	0	0	4	4	0	3	2	0	5	9
-Unspecifi- ed Effects External Causes	990-995	0	1	3	0	4	0	1	2	1	4	8
-Complicat- ions of Surgical/M- edical Care	996-999	0	1	0	3	4	0	3	3	5	11	15
HEALTH STATUS/HEA- LTH SERVICE CONTACT	V01-V82	1	0	0	2	3	1	1	4	1	7	10

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

(CONTINUED)

Hanford 1999

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	0	0	0	1	0	1	1	0	2	3
-Specific Procedures- /Aftercare	V50-V59	0	0	0	2	2	1	0	3	1	5	7
Total		31	138	191	150	510	19	146	277	274	716	1226

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

Hanford 1999

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

		Women					Men					Total
		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	16	385	37	51	489	24	82	346	399	851	1340
MALIGNANT NEOPLASMS	140-208, 230-234	0	440	114	95	649	0	1135	355	826	2316	2965
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	152	54	202	146	554	0	75	0	266	341	895
ENDOCRINE / - METABOLIC / - IMMUNITY	240-279	105	106	76	95	382	0	64	228	363	655	1037
BLOOD & BLOOD- FORMING ORGANS	280-289	0	46	32	0	78	0	0	0	0	0	78
MENTAL DISORDERS	290-319	262	1273	3251	571	5357	124	286	510	720	1640	6997
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	352	243	463	118	1176	0	147	708	436	1291	2467
CIRCULATORY SYSTEM	390-459	0	29	32	365	426	0	28	728	1850	2606	3032
RESPIRATORY SYSTEM	460-519	11	206	350	248	815	11	210	398	565	1184	1999
DIGESTIVE SYSTEM	520-579	159	82	730	568	1539	7	373	1060	1204	2644	4183
GENITOURIN- ARY SYSTEM	580-629	104	338	492	263	1197	0	0	205	131	336	1533
PREGNANCY & CHILDBIRTH	630-677	23	52	0	0	75	0	0	0	0	0	75

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

(CONTINUED)

Hanford 1999

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

		Women					Men					Total
		Age Group					Age Group					
		16 - 29	30 - 39	40 - 49	50 +	Tot- al	16 - 29	30 - 39	40 - 49	50 +	Tot- al	
Diagnostic Category	ICD-9-CM Code											
SKIN & SUBCUTANEO- US TISSUE	680-709	0	24	0	158	182	11	46	103	288	448	630
MUSCULOSKE- LETAL & CONNECTIVE TISSUE	710-739	187	1623	1776	1107	4693	189	1598	4543	1984	8314	13007
CONGENITAL ANOMALIES	740-759	0	0	24	0	24	0	0	0	0	0	24
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	780-799	207	480	514	495	1696	11	295	206	269	781	2477
INJURY & POISONING	800-999	0	219	1199	1376	2794	285	1313	3371	1909	6878	9672

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

Hanford 1999

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	12	1	3	0	0	0	1	0	17
-Intestinal Infectious Dis	001-009	1	0	1	0	0	0	1	0	3
-Other Bacterial Dis	030-041	2	0	0	0	0	0	0	0	2
-Viral Dis with Exanthem	050-057	0	1	0	0	0	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	9	0	2	0	0	0	0	0	11
MALIGNANT NEOPLASMS	140-208, 230- 234	6	1	1	0	1	0	0	0	9
-Digestive & Peritoneal	150-159	0	1	0	0	0	0	0	0	1
-Breast	174-175	3	0	0	0	0	0	0	0	3
-Genitourina- ry	179-189	2	0	1	0	0	0	0	0	3
-Other & Unspecified Sites	190, 193-199	1	0	0	0	1	0	0	0	2
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	7	2	1	0	1	0	0	1	12
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	4	3	0	2	1	1	3	0	14

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

(CONTINUED)

Hanford 1999

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									
-Thyroid Gland Disorders	240-246	0	1	0	1	0	0	1	0	3
-Other Endocrine Gland Dis	250-259	2	1	0	1	1	0	0	0	5
-Nutritional Deficiencies	260-269	1	0	0	0	0	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	1	1	0	0	0	1	2	0	5
BLOOD & BLOOD FORMING ORGANS	280-289	0	0	1	0	0	0	1	0	2
MENTAL DISORDERS	290-319	19	1	12	1	4	0	10	4	51
-Psychoses	290-299	1	0	2	0	0	0	2	0	5
-Non- Psychotic Disorders	300-302, 306- 316	16	1	10	0	3	0	8	4	42
-Alcohol Dependence	303	0	0	0	0	1	0	0	0	1
-Drug Dependence	304-305	2	0	0	1	0	0	0	0	3
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	19	1	4	1	1	0	2	1	29
-Other Disorders of Central NS	340-349	2	0	2	0	0	0	1	0	5

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

(CONTINUED)

Hanford 1999

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									
-Disorders of Peripheral NS	350-359	11	1	1	0	1	0	0	1	15
-Disorders of Eye	360-379	2	0	1	1	0	0	0	0	4
-Dis of Ear & Mastoid	380-389	4	0	0	0	0	0	1	0	5
CIRCULATORY SYSTEM	390-459	6	1	3	0	0	0	0	0	10
-Hypertensive Dis	401-405	0	0	1	0	0	0	0	0	1
-Ischemic Heart Dis	410-414	2	0	1	0	0	0	0	0	3
-Other Heart Dis	420-429	1	0	0	0	0	0	0	0	1
-Cerebrovasc- ular Dis	430-438	1	0	1	0	0	0	0	0	2
-Dis of Arteries & Capillaries	440-448	0	1	0	0	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	2	0	0	0	0	0	0	0	2
RESPIRATORY SYSTEM	460-519	35	0	10	0	7	1	8	9	70
-Acute Respiratory Infections	460-466	11	0	2	0	3	1	1	1	19

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

(CONTINUED)

Hanford 1999

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 Dis Upper Respiratory Tract	470-478	6	0	3	0	2	0	3	1	15
-Pneumonia & Influenza	480-487	13	0	0	0	0	0	2	2	17
-Chronic Obstructive Dis	490-496	4	0	2	0	2	0	2	4	14
-Other Respiratory Dis	510-519	1	0	3	0	0	0	0	1	5
DIGESTIVE SYSTEM	520-579	22	7	4	1	8	1	8	4	55
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	0	2	0	1	0	3
-Esophagus, Stomach, Duodenum	530-537	2	0	0	0	0	0	0	0	2
-Appendicitis	540-543	1	1	1	1	2	0	0	1	7
-Hernia	550-553	3	0	1	0	1	1	2	0	8
-Other Intestinal Dis	560-569	1	1	1	0	1	0	1	1	6
-Other Digestive Dis	570-579	15	5	1	0	2	0	4	2	29
GENITOURINARY SYSTEM	580-629	28	3	1	1	3	0	2	3	41

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

(CONTINUED)

Hanford 1999

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									
-Nephritis, Nephrosis	580-589	0	0	0	1	0	0	0	0	1
-Other Urinary Dis	590-599	5	0	0	0	1	0	0	0	6
-Breast Disorders	610-611	1	0	0	0	0	0	0	0	1
-Pelvic Inflammatory Dis	614-616	4	0	0	0	0	0	0	0	4
-Other Female Disorders	617-629	18	3	1	0	2	0	2	3	29
PREGNANCY & CHILDBIRTH	630-677	4	0	0	1	0	0	1	0	6
-Ectopic & Molar Pregnancy	630-633	2	0	0	1	0	0	1	0	4
-Pregnancy with Abortive Outcome	634-639	2	0	0	0	0	0	0	0	2
SKIN & SUBCUTANEOUS TISSUE	680-709	3	0	0	0	0	0	0	0	3
-Infections	680-686	1	0	0	0	0	0	0	0	1
-Other Inflammatory Conditions	690-698	1	0	0	0	0	0	0	0	1
-Other	700-709	1	0	0	0	0	0	0	0	1
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	36	3	11	1	7	2	16	5	81

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

(CONTINUED)

Hanford 1999

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									
-Arthropathies	710-719	12	1	2	1	0	0	7	2	25
-Dorsopathies	720-724	9	1	7	0	0	2	4	1	24
-Rheumatism, Excluding Back	725-729	14	1	1	0	6	0	5	2	29
-Other Dis & Acquired Deformities	730-739	1	0	1	0	1	0	0	0	3
CONGENITAL ANOMALIES	740-759	1	0	0	0	0	0	0	0	1
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	13	5	1	0	6	0	4	3	32
-Symptoms	780-789	10	4	1	0	5	0	4	3	27
-Non-Specific Abnormal Findings	790-796	3	1	0	0	1	0	0	0	5
INJURY & POISONING	800-999	32	4	9	3	9	0	14	3	74
-Fracture - Neck, Trunk	805-809	1	0	0	0	0	0	0	0	1
-Fracture - Upper Limb	810-819	2	0	0	1	0	0	1	0	4
-Fracture - Lower Limb	820-829	3	1	2	0	1	0	1	0	8
-Dislocation	830-839	4	0	0	1	0	0	4	0	9
-Sprains & Strains - Back	846-847	0	0	4	0	0	0	1	0	5

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

(CONTINUED)

Hanford 1999

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									
-Sprains & Strains - Other	840-845, 848	6	0	1	1	7	0	4	3	22
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	1	0	0	0	0	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	1	0	0	0	0	0	0	0	1
-Open Wound - Upper Limb	880-887	4	0	0	0	0	0	0	0	4
-Open Wound - Lower Limb	890-897	2	0	0	0	0	0	0	0	2
-Contusion	920-924	5	0	0	0	0	0	0	0	5
-Complicatio- ns & Unspecified Injuries	958-959	0	2	2	0	0	0	0	0	4
-Unspecified Effects - External Causes	990-995	2	0	0	0	0	0	2	0	4
-Complicatio- ns of Surgical/Med- ical Care	996-999	1	1	0	0	1	0	1	0	4
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	2	1	0	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 1999

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 Services Reproduction- /Development	V20-V29	0	0	1	0	0	0	0	0	1
-Specific Procedures/A- ftercare	V50-V59	0	2	0	0	0	0	0	0	2
Total		247	34	62	11	48	5	70	33	510

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

(CONTINUED)

Hanford 1999

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										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	3	8	6	0	2	1	4	6	0	30
-Intestinal Infectious Dis	001-009	2	1	2	0	0	0	0	1	0	6
-Other Bacterial Dis	030-041	0	2	1	0	2	0	1	0	0	6
-Viral Dis with Exanthem	050-057	0	3	0	0	0	0	0	4	0	7
-Other Viral Dis & Chlamydiae	070-079	1	2	3	0	0	1	2	1	0	10
-Mycoses	110-118	0	0	0	0	0	0	1	0	0	1
MALIGNANT NEOPLASMS	140-208, 230- 234	6	3	4	4	0	0	2	1	0	20
-Digestive & Peritoneal	150-159	1	0	0	1	0	0	1	0	0	3
-Genitourina- ry	179-189	4	3	4	2	0	0	1	0	0	14
-Lymphatic & Hematopoietic	200-208	1	0	0	1	0	0	0	1	0	3
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	0	2	0	1	1	0	2	0	0	6
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	2	8	3	0	0	0	1	2	0	16

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

(CONTINUED)

Hanford 1999

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										
-Thyroid Gland Disorders	240-246	0	0	1	0	0	0	0	0	0	1
-Other Endocrine Gland Dis	250-259	1	5	0	0	0	0	1	1	0	8
-Other Metabolic & Immunity Disorders	270-279	1	3	2	0	0	0	0	1	0	7
MENTAL DISORDERS	290-319	5	6	7	3	1	0	3	4	0	29
-Psychoses	290-299	1	0	0	1	0	0	0	1	0	3
-Non- Psychotic Disorders	300-302, 306- 316	3	5	6	2	1	0	1	3	0	21
-Drug Dependence	304-305	1	1	1	0	0	0	2	0	0	5
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	6	7	8	0	5	0	6	4	0	36
-Hereditary/- Degenerative Central NS Dis	330-337	0	0	0	0	0	0	1	0	0	1
-Other Disorders of Central NS	340-349	2	0	1	0	0	0	0	1	0	4
-Disorders of Peripheral NS	350-359	1	2	1	0	2	0	1	0	0	7

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

(CONTINUED)

Hanford 1999

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										
-Disorders of Eye	360-379	1	3	1	0	1	0	2	2	0	10
-Dis of Ear & Mastoid	380-389	2	2	5	0	2	0	2	1	0	14
CIRCULATORY SYSTEM	390-459	16	10	4	3	6	0	4	5	0	48
-Hypertensive Dis	401-405	1	0	0	0	2	0	0	1	0	4
-Ischemic Heart Dis	410-414	7	6	4	1	2	0	2	2	0	24
-Other Heart Dis	420-429	3	0	0	0	1	0	0	2	0	6
-Cerebrovasc- ular Dis	430-438	1	2	0	1	0	0	0	0	0	4
-Dis of Arteries & Capillaries	440-448	2	1	0	0	0	0	0	0	0	3
-Dis of Veins, Lymphatics, Other	451-459	2	1	0	1	1	0	2	0	0	7
RESPIRATORY SYSTEM	460-519	15	15	8	1	5	2	16	6	0	68
-Acute Respiratory Infections	460-466	2	4	1	0	1	1	3	2	0	14
-Other Dis Upper Respiratory Tract	470-478	3	7	1	0	1	0	3	2	0	17

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

(CONTINUED)

Hanford 1999

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										
-Pneumonia & Influenza	480-487	7	1	3	1	1	0	4	0	0	17
-Chronic Obstructive Dis	490-496	3	2	2	0	2	1	4	2	0	16
-Other Respiratory Dis	510-519	0	1	1	0	0	0	2	0	0	4
DIGESTIVE SYSTEM	520-579	18	25	6	5	9	5	17	13	0	98
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	0	0	0	1	1	0	0	3
-Esophagus, Stomach, Duodenum	530-537	2	2	0	0	0	1	1	1	0	7
-Appendicitis	540-543	3	3	0	2	0	0	0	1	0	9
-Hernia	550-553	8	11	1	0	3	1	8	6	0	38
-Enteritis, Colitis	555-558	0	2	0	1	0	0	1	0	0	4
-Other Intestinal Dis	560-569	2	3	3	1	4	1	4	3	0	21
-Other Digestive Dis	570-579	2	4	2	1	2	1	2	2	0	16
GENITOURINARY SYSTEM	580-629	3	3	1	0	0	1	1	1	0	10
-Other Urinary Dis	590-599	1	1	1	0	0	0	1	0	0	4

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

(CONTINUED)

Hanford 1999

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	2	0	0	0	1	0	1	0	6
SKIN & SUBCUTANEOUS TISSUE	680-709	0	5	3	0	3	1	4	1	0	17
-Infections	680-686	0	3	2	0	2	1	1	1	0	10
-Other Inflammatory Conditions	690-698	0	0	1	0	0	0	0	0	0	1
-Other	700-709	0	2	0	0	1	0	3	0	0	6
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	17	25	10	2	15	5	34	23	5	136
-Arthropathi- es	710-719	11	6	4	2	1	0	8	6	1	39
-Dorsopathies	720-724	2	11	4	0	6	4	13	13	2	55
-Rheumatism, Excluding Back	725-729	4	4	2	0	5	1	10	4	2	32
-Other Dis & Acquired Deformities	730-739	0	4	0	0	3	0	3	0	0	10
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	3	5	4	0	6	1	3	12	0	34
-Symptoms	780-789	3	4	4	0	6	1	2	12	0	32
-Non-Specific Abnormal Findings	790-796	0	0	0	0	0	0	1	0	0	1

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

(CONTINUED)

Hanford 1999

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										
-Ill-Defined & Unknown Causes	797-799	0	1	0	0	0	0	0	0	0	1
INJURY & POISONING	800-999	15	30	21	2	10	6	41	32	4	161
-Fracture - Neck, Trunk	805-809	0	4	2	0	0	0	2	3	0	11
-Fracture - Upper Limb	810-819	1	5	0	0	0	0	3	1	0	10
-Fracture - Lower Limb	820-829	4	1	0	0	0	0	2	3	1	11
-Dislocation	830-839	1	6	6	1	2	4	5	2	0	27
-Sprains & Strains - Back	846-847	0	2	1	0	2	0	6	3	0	14
-Sprains & Strains - Other	840-845, 848	3	4	8	1	1	0	11	5	1	34
-Intracranial Injury	850-854	0	0	0	0	0	0	1	0	0	1
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	0	0	1	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	1	1	0	2
-Open Wound - Upper Limb	880-887	1	0	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 1999

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										
-Late Effects	905-909	1	2	1	0	2	0	4	9	0	19
-Superficial Injury	910-919	0	1	0	0	0	0	0	0	0	1
-Contusion	920-924	0	2	0	0	0	0	3	0	0	5
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	1	0	1
-Burns	940-949	0	0	0	0	1	0	0	0	2	3
-Complicatio- ns & Unspecified Injuries	958-959	0	0	1	0	0	0	3	1	0	5
-Unspecified Effects - External Causes	990-995	0	0	2	0	0	1	0	1	0	4
-Complicatio- ns of Surgical/Med- ical Care	996-999	4	3	0	0	2	0	0	2	0	11
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	1	2	0	1	0	1	1	0	7
-Health Services Reproduction- /Development	V20-V29	0	0	2	0	0	0	0	0	0	2
-Specific Procedures/A- ftercare	V50-V59	1	1	0	0	1	0	1	1	0	5
Total		110	153	87	21	64	22	139	111	9	716

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

Hanford 1999

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	438	7	34	0	0	0	10	0	489
MALIGNANT NEOPLASMS	140-208, 230- 234	226	54	342	0	27	0	0	0	649
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	382	43	10	0	25	0	0	94	554
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	104	79	0	83	10	13	93	0	382
BLOOD & BLOOD FORMING ORGANS	280-289	0	0	46	0	0	0	32	0	78
MENTAL DISORDERS	290-319	865	23	1212	23	273	0	771	2190	5357
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	716	15	70	73	67	0	65	170	1176
CIRCULATORY SYSTEM	390-459	222	11	193	0	0	0	0	0	426
RESPIRATORY SYSTEM	460-519	349	0	147	0	68	7	153	91	815
DIGESTIVE SYSTEM	520-579	603	127	226	7	190	13	295	78	1539
GENITOURINARY SYSTEM	580-629	744	93	46	73	167	0	19	55	1197
PREGNANCY & CHILDBIRTH	630-677	36	0	0	11	0	0	28	0	75

*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 1999

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	182	0	0	0	0	0	0	0	182
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	1608	87	962	62	574	52	1070	278	4693
CONGENITAL ANOMALIES	740-759	24	0	0	0	0	0	0	0	24
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	953	70	20	0	179	0	225	249	1696
INJURY & POISONING	800-999	866	77	484	94	616	0	604	53	2794

*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 1999

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	162	230	256	0	26	12	69	96	0	851
MALIGNANT NEOPLASMS	140-208, 230- 234	221	136	1250	408	0	0	156	145	0	2316
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	0	125	0	136	59	0	21	0	0	341
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	90	246	67	0	0	0	181	71	0	655
MENTAL DISORDERS	290-319	392	254	429	194	11	0	237	123	0	1640
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	358	340	179	0	157	0	124	133	0	1291
CIRCULATORY SYSTEM	390-459	915	651	192	101	170	0	164	413	0	2606
RESPIRATORY SYSTEM	460-519	290	232	109	21	44	22	365	101	0	1184
DIGESTIVE SYSTEM	520-579	669	437	250	307	193	38	380	370	0	2644
GENITOURINARY SYSTEM	580-629	36	91	93	0	0	21	64	31	0	336
SKIN & SUBCUTANEOUS TISSUE	680-709	0	86	39	0	67	11	236	9	0	448

*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 1999

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										
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	534	996	633	87	1514	166	3302	960	122	8314
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	150	220	21	0	122	7	60	201	0	781
INJURY & POISONING	800-999	586	647	737	47	406	108	2988	1165	194	6878

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

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Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined**Part 1. Age-Adjusted Rates for Selected Diagnostic Categories by Gender from 1993 to 1999**

Rate per 1,000 Men

Men	All Diagnostic Categories			Cancer			Heart/Circulatory		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	81	86	91	1	1	2	8	10	12
1994	74	79	84	1	1	2	7	8	10
1995	65	69	74	1	2	3	4	6	7
1996	68	74	80	1	2	3	4	5	7
1997	72	78	85	1	1	2	3	4	6
1998	51	56	62	1	2	3	2	3	4
1999	56	61	67	1	2	3	3	4	5

Year	Respiratory			Injury*		
	Lower	Mid	Upper	Lower	Mid	Upper
1993	16	18	21	15	17	20
1994	11	13	15	17	19	22
1995	11	13	16	12	14	17
1996	9	11	14	14	17	21
1997	12	15	19	15	18	22
1998	4	5	7	11	13	16
1999	4	6	8	11	14	17

*For 1993, rate based on external causes of injury data; for 1994 through 1999, rate based on injury and poisoning data.

Rate per 1,000 Women

Women	All Diagnostic Categories			Cancer			Heart/Circulatory		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	123	133	144	2	4	6	2	4	6
1994	115	124	134	1	2	4	4	5	8
1995	111	120	129	2	3	4	2	4	7
1996	120	130	141	1	2	3	2	4	7
1997	119	131	144	2	3	8	3	5	9
1998	92	102	113	1	2	3	1	3	5
1999	90	99	109	1	2	3	2	3	6

Year	Respiratory			Injury*		
	Lower	Mid	Upper	Lower	Mid	Upper
1993	23	27	32	18	21	26
1994	22	26	31	13	16	20
1995	16	19	23	16	19	22
1996	14	18	23	15	19	23
1997	12	16	22	12	16	20
1998	9	12	17	12	16	20
1999	10	13	18	11	14	18

*For 1993, rate based on external causes of injury data; for 1994 through 1999, rate based on injury and poisoning data.

(CONTINUED)

HANFORD 1999

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

Rate per 1,000 Men

Men	Administration			Professional			Technical			Other/Unknown Salaried		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	59	71	87	47	54	62	77	90	105	*	*	*
1994	55	65	78	48	56	64	68	83	100	26	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	6	20	62
1997	29	35	43	32	40	50	71	90	115	12	24	48
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

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

Year	Other/Unknown		
	Lower	Mid	Upper
1993	13	23	40
1994	108	128	151
1995	2	7	27
1996	23	43	80
1997	26	36	49
1998	7	11	18
1999	3	6	11

* These employees were included in various categories in 1993

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

(CONTINUED)

HANFORD 1999

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

Rate per 1,000 Women

Women	Administration			Professional			Technical			Other/Unknown Salaried		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	106	118	132	75	99	130	149	180	217	*	*	*
1994	102	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

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	340	442	573
1994	179	242	328	**	**	**	108	191	339	327	440	590
1995	195	257	338	0	0	0	226	333	491	237	339	486
1996	335	422	532	90	254	713	195	379	736	236	321	438
1997	378	493	642	69	184	495	621	1037	1732	320	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

Year	Other/Unknown		
	Lower	Mid	Upper
1993	36	62	106
1994	60	81	109
1995	2	8	26
1996	1	4	16
1997	36	50	70
1998	23	33	46
1999	24	34	49

* These employees were included in various categories in 1993

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

Hanford 1999

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	30	2.7	1.7	4.1
Malignant Neoplasms	140-208, 230-234	20	2.0	1.2	3.2
-Digestive Organs	150-159	3	0.3	0.1	1.0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	14	1.4	0.8	2.5
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	3	0.3	0.1	1.0
Benign Neoplasms & Other	210-229, 235-239	6	0.7	0.3	1.5
Endocrine & Metabolic Diseases	240-279	16	1.2	0.7	2.0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	29	3.0	1.9	4.9
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	5	0.7	0.2	2.3
Nervous System & Sense Organs	320-389	36	2.9	2.0	4.1
Circulatory System	390-459	48	3.8	2.8	5.2
-Hypertension	401	4	0.3	0.1	0.8
-Acute Myocardial Infarction	410	13	1.1	0.6	1.9
-Ischemic Disease, not M.I.	411-414, 429.2	11	1.0	0.5	1.8
-Cerebrovascular Disease	430-438	4	0.3	0.1	0.8
Respiratory System	460-519	68	5.8	4.4	7.8
-Upper Respiratory	460-465, 470-478	31	2.8	1.9	4.3
-Pneumonia/Bronchitis	466, 480-487	17	1.3	0.8	2.1
-Chronic Respiratory Conditions	490-496	16	1.4	0.7	2.7
Digestive System	520-579	98	7.8	6.2	9.7
-Hernias	550-553	38	3.0	2.2	4.3
-Gallbladder Disease	574-575	12	0.8	0.5	1.5
Genitourinary System	580-629	10	0.9	0.4	1.7
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	17	1.5	0.8	2.9
Musculoskeletal System	710-739	136	11.5	9.3	14.1
-Dorsopathies	720-724	55	4.3	3.2	5.6
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	34	2.8	1.9	4.3
Injury & Poisoning	800-999	161	13.8	11.4	16.8
-Fractures, All Sites	800-829	32	3.4	2.2	5.5
-Dislocations	830-839	27	1.9	1.3	2.8
-Sprains & Strains	840-848	48	3.8	2.7	5.4
-Intracranial Injuries	850-854	1	0.1	0.0	0.6
-Internal Injuries	860-869	1	0.1	0.0	0.5
-Open Wounds	870-897	3	0.2	0.1	0.6
-Other Injuries	900-999	49	4.3	3.0	6.1
Health Status/Health Serv Contact	V01-V82	7	0.8	0.3	2.3
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	2	0.1	0.0	0.6
-Specific Procedure/Aftercare	V50-V59	5	0.7	0.2	2.3
Total		716	61.2	56.0	66.8

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

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

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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	17	3.0	1.8	4.9
Malignant Neoplasms	140-208, 230-234	9	1.5	0.8	2.8
-Digestive Organs	150-159	1	0.2	0.0	1.5
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	3	0.5	0.2	1.6
-Genitourinary	179-189	3	0.5	0.2	1.5
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	12	2.8	1.4	5.3
Endocrine & Metabolic Diseases	240-279	14	2.7	1.6	4.7
Blood & Blood-Forming Organs	280-289	2	0.3	0.1	1.2
Mental Disorders	290-319	51	8.9	6.7	11.9
-Alcoholism	303	1	0.2	0.0	1.5
-Drug Abuse	304-305	3	0.5	0.1	1.4
Nervous System & Sense Organs	320-389	29	5.8	3.9	8.7
Circulatory System	390-459	10	3.1	1.5	6.4
-Hypertension	401	1	0.6	0.1	4.3
-Acute Myocardial Infarction	410	1	0.2	0.0	1.1
-Ischemic Disease, not M.I.	411-414, 429.2	2	1.2	0.3	4.9
-Cerebrovascular Disease	430-438	2	0.4	0.1	1.7
Respiratory System	460-519	70	13.4	10.2	17.5
-Upper Respiratory	460-465, 470-478	33	6.0	4.1	9.0
-Pneumonia/Bronchitis	466, 480-487	18	4.1	2.4	7.1
-Chronic Respiratory Conditions	490-496	14	2.3	1.4	3.9
Digestive System	520-579	55	11.4	8.4	15.4
-Hernias	550-553	8	1.8	0.8	4.1
-Gallbladder Disease	574-575	24	4.2	2.8	6.3
Genitourinary System	580-629	41	8.7	6.1	12.5
-Endometriosis	617	3	0.5	0.1	1.4
-Ovarian Cysts	620.0-620.2	4	1.0	0.3	2.8
-Female Genital Pain/Bleeding	625-626	7	1.4	0.6	3.2
Pregnancy & Childbirth***	630-639	6	1.3	0.6	3.1
Skin & Subcutaneous Tissue	680-709	3	0.6	0.2	1.8
Musculoskeletal System	710-739	81	14.9	11.8	18.9
-Dorsopathies	720-724	24	3.6	2.4	5.4
Congenital Anomalies	740-759	1	0.1	0.0	1.0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	32	5.6	3.9	8.1
Injury & Poisoning	800-999	74	13.8	10.8	17.5
-Fractures, All Sites	800-829	13	2.3	1.3	4.1
-Dislocations	830-839	9	1.7	0.9	3.3
-Sprains & Strains	840-848	27	4.8	3.2	7.4
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	1	0.2	0.0	1.5
-Open Wounds	870-897	7	1.4	0.7	2.9
-Other Injuries	900-999	17	3.3	2.0	5.3
Health Status/Health Serv Contact	V01-V82	3	0.8	0.2	2.4
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	1	0.3	0.0	2.4
-Specific Procedure/Aftercare	V50-V59	2	0.4	0.1	1.7
Total		510	98.6	89.5	108.5

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

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

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

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	47	2.8	2.0	3.9
Malignant Neoplasms	140-208, 230-234	29	1.9	1.3	2.9
-Digestive Organs	150-159	4	0.3	0.1	0.8
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	3	0.1	0.0	0.4
-Genitourinary	179-189	17	1.2	0.7	2.1
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	3	0.2	0.1	0.8
Benign Neoplasms & Other	210-229, 235-239	18	1.4	0.8	2.4
Endocrine & Metabolic Diseases	240-279	30	1.8	1.2	2.8
Blood & Blood-Forming Organs	280-289	2	0.1	0.0	0.4
Mental Disorders	290-319	80	5.1	4.0	6.6
-Alcoholism	303	1	0.1	0.0	0.4
-Drug Abuse	304-305	8	0.5	0.2	1.2
Nervous System & Sense Organs	320-389	65	4.1	3.1	5.5
Circulatory System	390-459	58	3.6	2.7	4.7
-Hypertension	401	5	0.3	0.1	0.9
-Acute Myocardial Infarction	410	14	0.9	0.5	1.5
-Ischemic Disease, not M.I.	411-414, 429.2	13	1.0	0.5	1.8
-Cerebrovascular Disease	430-438	6	0.3	0.1	0.7
Respiratory System	460-519	138	7.9	6.5	9.5
-Upper Respiratory	460-465, 470-478	64	3.7	2.8	4.8
-Pneumonia/Bronchitis	466, 480-487	35	2.1	1.5	3.1
-Chronic Respiratory Conditions	490-496	30	1.6	1.1	2.4
Digestive System	520-579	153	9.0	7.5	10.8
-Hernias	550-553	46	2.7	1.9	3.7
-Gallbladder Disease	574-575	36	1.9	1.3	2.7
Genitourinary System	580-629	51	3.6	2.6	5.0
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	3	0.2	0.1	0.5
-Ovarian Cysts	620.0-620.2	4	0.5	0.2	1.5
-Female Genital Pain/Bleeding	625-626	7	0.6	0.3	1.5
Pregnancy & Childbirth***	630-639	6	0.6	0.2	1.5
Skin & Subcutaneous Tissue	680-709	20	1.1	0.7	1.9
Musculoskeletal System	710-739	217	12.2	10.5	14.1
-Dorsopathies	720-724	79	4.1	3.3	5.2
Congenital Anomalies	740-759	1	0.0	0.0	0.3
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	66	3.8	2.9	4.9
Injury & Poisoning	800-999	235	12.9	11.2	14.8
-Fractures, All Sites	800-829	45	2.7	2.0	3.9
-Dislocations	830-839	36	1.8	1.3	2.5
-Sprains & Strains	840-848	75	4.0	3.1	5.1
-Intracranial Injuries	850-854	1	0.1	0.0	0.4
-Internal Injuries	860-869	2	0.1	0.0	0.4
-Open Wounds	870-897	10	0.5	0.3	1.0
-Other Injuries	900-999	66	3.7	2.8	4.8
Health Status/Health Serv Contact	V01-V82	10	0.8	0.4	1.6
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	3	0.3	0.1	1.1
-Specific Procedure/Aftercare	V50-V59	7	0.5	0.2	1.2
Total		1226	72.8	68.3	77.5

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

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

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

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

Diagnostic Category	Administration 4,289 Person-Years				Professional 3,740 Person-Years				Technical 1,173 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	232	0.8	0.7	1.0	124	0.5	0.4	0.7	96	1.6	1.3	2.0
Infectious & Parasitic Diseases	13	1.0	0.5	2.1	8	0.6	0.3	1.4	9	2.9	1.4	5.9
Malignant Neoplasms	10	1.2	0.5	2.8	4	0.5	0.2	1.3	5	3.2	1.2	8.8
Benign & Uncertain Neoplasms	7	1.0	0.4	2.9	4	1.2	0.4	3.8	1	0.7	0.1	5.5
Endocrine/Metabolic/Immunity	6	0.5	0.2	1.3	8	1.4	0.6	3.3	3	1.5	0.5	4.9
Mental Disorders	18	0.7	0.4	1.2	6	0.4	0.2	0.9	17	4.0	2.3	7.0
Nervous System & Sense Organs	21	1.2	0.7	2.3	7	0.4	0.2	1.0	9	2.3	1.1	4.6
Circulatory System	19	1.3	0.7	2.3	11	0.7	0.3	1.3	6	2.0	0.8	4.6
Respiratory System	40	1.1	0.8	1.7	14	0.4	0.2	0.8	14	1.7	1.0	3.1
Digestive System	33	0.7	0.5	1.0	29	0.9	0.6	1.3	8	0.9	0.4	1.8
Genitourinary System	26	2.2	1.2	4.2	5	0.6	0.2	1.5	2	0.6	0.1	2.3
Skin & Subcutaneous Tissue	3	0.4	0.1	2.1	4	0.7	0.2	2.1	3	2.3	0.7	8.1
Musculoskeletal & Connective Tissue	45	0.7	0.5	1.0	24	0.5	0.3	0.7	16	1.2	0.7	2.1
Symptoms, Signs, & Ill-Defined Conditions	15	0.7	0.4	1.4	6	0.4	0.2	1.0	3	0.6	0.2	2.0
Injury & Poisoning	34	0.4	0.3	0.6	27	0.4	0.3	0.7	26	1.9	1.2	2.8
-Fracture-Neck, Trunk	1	0.2	0.01	3.4	4	1.4	0.4	5.0	2	2.6	0.6	11.7
-Fracture-Upper Limb	3	0.7	0.2	3.3	4	1.4	0.4	5.3	0			
-Fracture-Lower Limb	6	0.9	0.3	2.4	2	0.5	0.1	1.9	2	1.7	0.4	7.2
-Dislocation	5	0.3	0.1	1.0	6	0.5	0.2	1.3	6	2.4	1.0	5.8
-Sprains & Strains-Back	0				2	0.3	0.1	1.3	5	4.5	1.6	12.5
-Sprains & Strains-Other	7	0.3	0.1	0.7	4	0.2	0.1	0.7	8	2.1	1.0	4.6
-Late Effects	1	0.2	0.03	1.8	2	0.3	0.1	1.5	1	0.8	0.1	6.4
-Complications of Surgical/Medical Care	5	1.1	0.4	2.9	4	1.0	0.3	3.0	0			

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

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

*** CI = Confidence Limit

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

Diagnostic Category	Other/Unknown Salaried 749 Person-Years				Service 358 Person-Years				Security 198 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	22	0.6	0.4	0.9	64	3.4	2.6	4.4	17	1.8	1.1	2.9
Infectious & Parasitic Diseases	0				2	1.9	0.5	8.0	1	1.7	0.2	11.9
Malignant Neoplasms	4	3.7	1.3	10.6	1	1.5	0.2	11.4	0			
Benign & Uncertain Neoplasms	1	1.2	0.2	9.3	2	5.6	1.2	26.1	0			
Endocrine/Metabolic/Immunity	2	1.7	0.4	7.1	1	1.6	0.2	11.7	0			
Mental Disorders	3	1.0	0.3	3.0	5	3.7	1.5	9.3	0			
Nervous System & Sense Organs	1	0.4	0.1	2.7	5	4.1	1.6	10.3	0			
Circulatory System	3	1.3	0.4	4.3	4	3.3	1.2	9.1	0			
Respiratory System	1	0.2	0.03	1.4	9	3.5	1.8	7.0	2	1.6	0.4	6.7
Digestive System	6	1.0	0.5	2.4	13	4.5	2.5	8.0	4	2.7	1.0	7.3
Genitourinary System	1	0.5	0.1	3.6	2	2.3	0.5	9.7	1	4.7	0.6	34.9
Skin & Subcutaneous Tissue	0				3	7.0	2.0	24.0	1	3.4	0.4	26.9
Musculoskeletal & Connective Tissue	3	0.4	0.1	1.1	15	3.7	2.2	6.3	5	2.4	1.0	5.8
Symptoms, Signs, & Ill-Defined Conditions	0				12	11.3	5.9	21.4	1	1.7	0.2	12.5
Injury & Poisoning	4	0.4	0.2	1.1	18	3.8	2.3	6.1	6	2.2	1.0	5.1
-Fracture-Neck, Trunk	0				0				0			
-Fracture-Upper Limb	1	1.4	0.2	10.5	0				0			
-Fracture-Lower Limb	0				1	2.0	0.3	15.0	0			
-Dislocation	2	1.2	0.3	5.1	2	2.1	0.5	8.7	4	7.4	2.6	21.2
-Sprains & Strains-Back	0				2	4.4	1.0	19.2	0			
-Sprains & Strains-Other	2	0.8	0.2	3.3	8	7.0	3.3	15.0	0			
-Late Effects	0				2	5.7	1.3	24.7	0			
-Complications of Surgical/Medical Care	0				3	9.1	2.5	33.4	0			

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

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

*** CI = Confidence Limit

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

Diagnostic Category	Crafts and Manual Labor 890 Person-Years				Nuclear 821 Person-Years				Other/Unknown 2,683 Person-Years				Total Persons with 1+ Event
	Per son s with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Per son s with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Per son s with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	109	2.8	2.2	3.4	106	2.9	2.4	3.6	24	0.2	0.1	0.2	794
Infectious & Parasitic Diseases	4	1.6	0.6	4.7	7	3.4	1.4	7.8	0				44
Malignant Neoplasms	2	1.0	0.2	4.5	1	0.8	0.1	6.3	0				27
Benign & Uncertain Neoplasms	2	4.4	0.8	25.2	0				1	0.1	0.01	2.2	18
Endocrine/Metabolic/Immunity	2	1.4	0.3	5.8	5	4.8	1.8	12.9	0				27
Mental Disorders	3	1.3	0.4	4.3	9	3.4	1.7	6.8	3	0.2	0.1	0.6	64
Nervous System & Sense Organs	6	2.3	0.9	5.6	6	2.4	1.0	5.6	1	0.05	0.003	0.7	56
Circulatory System	4	0.9	0.3	2.5	5	2.6	1.0	6.8	0				52
Respiratory System	14	2.8	1.6	5.1	10	1.9	1.0	3.7	4	0.2	0.1	0.6	108
Digestive System	17	2.3	1.3	3.8	15	2.7	1.6	4.6	4	0.2	0.1	0.4	129
Genitourinary System	1	0.7	0.1	5.6	3	1.9	0.6	6.3	3	0.3	0.1	0.9	44
Skin & Subcutaneous Tissue	4	3.6	1.1	11.5	1	0.9	0.1	6.7	0				19
Musculoskeletal & Connective Tissue	30	3.6	2.4	5.5	27	3.6	2.4	5.5	6	0.2	0.1	0.5	171
Symptoms, Signs, & Ill-Defined Conditions	3	1.4	0.4	4.7	11	4.8	2.4	9.6	3	0.2	0.1	0.9	54
Injury & Poisoning	35	3.7	2.5	5.4	36	4.0	2.8	5.8	6	0.2	0.1	0.4	192
-Fracture-Neck, Trunk	2	2.8	0.6	14.0	2	3.1	0.7	14.6	0				11
-Fracture-Upper Limb	3	7.2	1.8	28.4	2	2.4	0.6	10.1	0				13
-Fracture-Lower Limb	2	2.8	0.6	14.3	3	4.6	1.2	16.8	1	0.4	0.1	3.0	17
-Dislocation	5	2.3	0.9	6.3	5	2.5	1.0	6.3	0				35
-Sprains & Strains-Back	6	7.7	2.5	23.4	4	5.0	1.6	15.9	0				19
-Sprains & Strains-Other	10	4.5	2.1	9.8	9	3.7	1.8	7.5	4	0.5	0.2	1.4	52
-Late Effects	4	3.7	1.2	12.2	6	10.3	3.5	30.8	0				16
-Complications of Surgical/Medical Care	0				3	4.7	1.3	17.4	0				15

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

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

*** CI = Confidence Limit

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Appendix O. Sentinel Health Events for Occupations (SHEO)

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

Nonproduction: Disease conditions that can be related to occupations within the DOE complex but not exposures related to production or cleanup activities. There are 11 conditions in this group.

Conditions for which neither designation has been assigned may occur in the work force but are less likely to be related to exposures in the DOE complex than those conditions with a designation of *production or nonproduction*.

Diagnoses - Definitely SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
155	Hemangiosarcoma of the liver	
158, 163	Mesothelioma (MN of peritoneum and pleura)	Production
187.7	Malignant neoplasm of scrotum	Production
354	Carpal tunnel syndrome	Nonproduction
354.0	Mononeuritis of upper limb and mononeuritis multiplex	
495.4	Maltworker's lung	
495.5	Mushroom worker's lung	
495.8	Grain handler's lung, Sequoiosis	
495.9	Unspecified allergic alveolitis	
500	Coalworker's pneumoconiosis	
501	Asbestosis	Production
502	Silicosis, Talcosis	Production
503	Chronic beryllium disease of the lung	
504	Byssinosis	
506.0	Acute bronchitis, pneumonitis, and pulmonary edema due to fumes and vapors	Nonproduction

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Appendix 0. Sentinel Health Events for Occupations (SHEO)

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

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Appendix 0. Sentinel Health Events for Occupations (SHEO)

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

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OSHA Data

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

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Job Category											
Administration	1	6	8	6	21	0	2	3	3	8	29
Professional	0	1	2	1	4	2	0	2	8	12	16
Technical	0	8	2	5	15	1	4	5	2	12	27
Other/Unknown Salaried	0	2	1	0	3	0	0	1	1	2	5
Service	0	0	3	1	4	0	7	6	2	15	19
Security	0	0	0	0	0	0	3	5	3	11	11
Crafts & Manual Labor	1	0	1	0	2	1	6	18	24	49	51
Nuclear	0	4	6	3	13	2	8	7	2	19	32
Other/Unknown	4	0	2	1	7	0	1	1	0	2	9
Total	6	21	25	17	69	6	31	48	45	130	199

Hanford 1999

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	7	5	0	6	61	36	13	66	36
30 - 39	23	327	21	31	417	43	54	744	64
40 - 49	25	200	172	50	477	319	75	677	491
50 +	17	130	42	49	199	202	66	329	244
Total	72	662	235	136	1154	600	208	1816	835

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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	21	33	3	8	13	27	29	46	30
Professional	4	15	45	12	37	8	16	52	53
Technical	17	154	92	13	67	20	30	221	112
Other/Unknown Salaried	3	1	1	2	1	0	5	2	1
Service	4	11	46	16	214	33	20	225	79
Security	0	0	0	11	17	232	11	17	232
Crafts & Manual Labor	3	0	0	52	303	183	55	303	183
Nuclear	13	314	48	20	496	97	33	810	145
Other/Unknown	7	134	0	2	6	0	9	140	0
Total	72	662	235	136	1154	600	208	1816	835

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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											
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	1	0	0	1	0	0	0	0	0	1
-Other Infections & Parasitic Dis	130-136	0	1	0	0	1	0	0	0	0	0	1
MENTAL DISORDERS	290-319	0	0	0	0	0	0	2	1	0	3	3
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	0	0	0	2	1	0	3	3
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	3	4	2	9	0	1	3	3	7	16
-Disorders of Peripheral NS	350-359	0	2	2	2	6	0	0	1	2	3	9
-Disorders of Eye	360-379	0	1	2	0	3	0	1	2	1	4	7
DIGESTIVE SYSTEM	520-579	0	0	1	0	1	0	0	0	0	0	1
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	0	1	0	0	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	1	1	0	1	2	3	6	7
-Infections	680-686	0	0	0	0	0	0	0	0	1	1	1
-Other Inflammatory Conditions	690-698	0	0	0	1	1	0	1	1	2	4	5
-Other	700-709	0	0	0	0	0	0	0	1	0	1	1

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

(CONTINUED)

Hanford 1999

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											
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	6	17	25	14	62	2	23	37	32	94	156
-Arthropathies	710-719	1	6	11	4	22	1	6	13	17	37	59
-Dorsopathies	720-724	1	5	6	6	18	0	6	12	7	25	43
-Rheumatism, Excluding Back	725-729	4	6	8	4	22	1	10	12	7	30	52
-Other Dis & Acquired Deformities	730-739	0	0	0	0	0	0	1	0	1	2	2
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	780-799	2	1	3	2	8	1	3	4	4	12	20
-Symptoms	780-789	2	1	3	2	8	1	3	4	4	12	20
INJURY & POISONING	800-999	5	16	22	20	63	5	28	45	45	123	186
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	1	0	1	0	2	2
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	2	3	5	5
-Fracture - Lower Limb	820-829	0	0	1	2	3	0	1	0	0	1	4
-Dislocation	830-839	0	0	0	0	0	0	4	4	2	10	10
-Sprains & Strains - Back	846-847	0	6	6	5	17	0	8	11	8	27	44
-Sprains & Strains - Other	840-845, 848	0	3	4	1	8	1	6	7	10	24	32

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

(CONTINUED)

Hanford 1999

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											
-Intracranial Injury	850-854	0	0	1	0	1	0	0	0	1	1	2
-Open Wound - Head, Neck, Trunk	870-879	0	0	2	1	3	1	1	1	4	7	10
-Open Wound - Upper Limb	880-887	2	3	1	0	6	1	2	5	7	15	21
-Open Wound - Lower Limb	890-897	0	0	0	0	0	1	0	0	0	1	1
-Superficial Injury	910-919	0	1	1	3	5	0	2	4	3	9	14
-Contusion	920-924	1	1	4	3	9	0	1	1	3	5	14
-Crushing Injury	925-929	0	0	0	1	1	0	1	0	0	1	2
-Foreign Body Entering Orifice	930-939	1	1	0	0	2	0	2	2	2	6	8
-Burns	940-949	1	0	0	4	5	0	0	2	0	2	7
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0	0	3	1	4	4
-Toxic Effects - Nonmedicinal	980-989	0	1	0	0	1	0	0	1	0	1	2
-Unspecified Effects - External Causes	990-995	0	0	2	0	2	0	0	1	1	2	4
Total		13	38	55	39	145	8	58	92	87	245	390

*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								
-Other Infections & Parasitic Dis	130-136	0	0	1	1	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	15	45	0	0
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	195	11	178	126	18	4
-Dorsopathies	720-724	0	0	58	9	2	81	126	4
-Rheumatism, Excluding Back	725-729	0	0	53	0	46	46	18	4
-Symptoms	780-789	0	0	53	0	0	0	3	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	65	9	6	0	124	5
-Sprains & Strains - Other	840-845, 848	0	0	248	11	138	46	4	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 1999

OSHA Data

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	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								
-Intracranial Injury	850-854	0	0	0	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	5	0	1	1	5	0	0	0
-Superficial Injury	910-919	0	0	4	0	0	0	0	0
-Contusion	920-924	0	0	0	0	5	81	4	0
-Crushing Injury	925-929	0	0	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0
-Burns	940-949	0	0	0	0	0	0	0	37
-Toxic Effects - Nonmedicinal	980-989	0	0	5	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	0	0	124	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								
-Non-Psychotic Disorders	300-302, 306-316	0	0	30	0	0	25	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	0	2	0	107
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0
-Infections	680-686	0	0	0	0	0	0	1	4
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0
-Other	700-709	0	0	0	0	1	0	0	0
-Arthropathies	710-719	0	0	114	33	223	33	96	82
-Dorsopathies	720-724	0	0	162	10	115	226	30	0
-Rheumatism, Excluding Back	725-729	0	0	76	33	116	0	41	41
-Other Dis & Acquired Deformities	730-739	0	0	0	0	0	0	0	0
-Symptoms	780-789	0	0	133	8	18	0	8	0
-Fracture - Neck, Trunk	805-809	0	36	0	0	15	2	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	26	0	20	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 1999

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	0	0	0	0	0	0
-Dislocation	830-839	0	0	23	2	88	19	46	14
-Sprains & Strains - Back	846-847	0	0	187	10	80	232	42	9
-Sprains & Strains - Other	840-845, 848	53	0	71	0	188	39	100	60
-Intracranial Injury	850-854	0	0	0	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	8	0	29	0	0	0	4	0
-Open Wound - Upper Limb	880-887	0	0	6	0	9	0	1	4
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	1	0	0	0	0	2
-Contusion	920-924	0	0	1	0	0	0	1	0
-Crushing Injury	925-929	0	0	1	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0
-Burns	940-949	0	0	0	0	0	0	0	0

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

(CONTINUED)

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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								
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	0	0	0	0
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	0	0	1	0	8	0

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

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OSHA Data

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

		Women					Men					Total
		Age Group				Total	Age Group				Total	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Type of Accident	E Codes											
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	1	1	0	3	5	5
Falls	E880-E888	1	3	7	5	16	0	4	8	4	16	32
Natural/Envi- ronmental Factors	E900-E909	0	2	1	1	4	0	0	3	2	5	9
Submersion/S- uffocation/F- oreign Bodies	E910-E915	1	0	0	0	1	0	2	3	2	7	8
Other Accidents	E916-E928	5	16	14	11	46	4	21	31	35	91	137
Adverse Effect - Medicinal/Bi- ological	E930-E949	0	0	1	0	1	0	0	0	0	0	1

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

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OSHA Data

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

		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								
Falls	E880-E888	0	0	53	7	0	81	22	4
Natural/Envi- ronmental Factors	E900-E909	0	0	9	0	0	0	0	0
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	5	0	265	14	169	91	108	38
Adverse Effect - Medicinal/Bi- ological	E930-E949	0	0	0	0	124	0	0	0

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

(CONTINUED)

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OSHA Data

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

		Men							
		Age Group							
		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	36	0	0	0	0	0	0
Falls	E880-E888	0	0	73	0	107	25	50	59
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	0	0	0
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	61	0	243	10	369	267	149	36

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

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OSHA Data

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

		Women								
		Job Category								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	0	0	0	1	0	0	0	0	1
-Other Infections & Parasitic Dis	130-136	0	0	0	1	0	0	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	3	2	0	1	0	0	3	0	9
-Disorders of Peripheral NS	350-359	3	1	0	1	0	0	1	0	6
-Disorders of Eye	360-379	0	1	0	0	0	0	2	0	3
DIGESTIVE SYSTEM	520-579	0	0	0	0	0	0	1	0	1
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	0	0	0	1	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	1	0	0	0	1
-Other Inflammatory Conditions	690-698	0	0	0	0	1	0	0	0	1
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	21	2	20	3	2	2	9	3	62
-Arthropathi- es	710-719	6	2	7	2	0	0	3	2	22

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

(CONTINUED)

Hanford 1999

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									
-Dorsopathies	720-724	6	0	8	0	0	1	3	0	18
-Rheumatism, Excluding Back	725-729	9	0	5	1	2	1	3	1	22
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799									
-Symptoms	780-789	1	0	2	0	1	0	2	2	8
INJURY & POISONING	800-999	14	3	12	2	5	4	15	8	63
-Fracture - Lower Limb	820-829	1	1	1	0	0	0	0	0	3
-Sprains & Strains - Back	846-847	5	0	6	1	0	1	3	1	17
-Sprains & Strains - Other	840-845, 848	1	0	1	0	1	0	4	1	8
-Intracranial Injury	850-854	1	0	0	0	0	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	1	0	0	1	0	0	1	3
-Open Wound - Upper Limb	880-887	1	0	0	1	1	0	1	2	6
-Superficial Injury	910-919	1	0	1	0	1	0	1	1	5
-Contusion	920-924	2	0	2	0	1	1	2	1	9

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

(CONTINUED)

Hanford 1999

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									
-Crushing Injury	925-929	1	0	0	0	0	0	0	0	1
-Foreign Body Entering Orifice	930-939	0	1	0	0	0	1	0	0	2
-Burns	940-949	0	0	0	0	0	1	4	0	5
-Toxic Effects - Nonmedicinal	980-989	0	0	1	0	0	0	0	0	1
-Unspecified Effects - External Causes	990-995	1	0	0	0	0	0	0	1	2
Total		39	7	34	7	9	6	30	13	145

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

(CONTINUED)

Hanford 1999

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										
MENTAL DISORDERS	290-319	1	0	0	0	0	0	0	2	0	3
-Non- Psychotic Disorders	300-302, 306- 316	1	0	0	0	0	0	0	2	0	3
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	1	0	0	0	0	4	2	0	7
-Disorders of Peripheral NS	350-359	0	1	0	0	0	0	2	0	0	3
-Disorders of Eye	360-379	0	0	0	0	0	0	2	2	0	4
SKIN & SUBCUTANEOUS TISSUE	680-709	0	1	2	1	0	0	1	1	0	6
-Infections	680-686	0	0	0	0	0	0	1	0	0	1
-Other Inflammatory Conditions	690-698	0	1	2	0	0	0	0	1	0	4
-Other	700-709	0	0	0	1	0	0	0	0	0	1
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	8	8	9	3	11	8	36	11	0	94
-Arthropathi- es	710-719	4	4	0	2	5	2	16	4	0	37
-Dorsopathies	720-724	1	1	7	0	2	2	9	3	0	25
-Rheumatism, Excluding Back	725-729	3	3	2	1	4	3	10	4	0	30

*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										
-Other Dis & Acquired Deformities	730-739	0	0	0	0	0	1	1	0	0	2
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	1	3	0	1	0	2	2	3	0	12
-Symptoms	780-789	1	3	0	1	0	2	2	3	0	12
INJURY & POISONING	800-999	4	10	13	1	18	11	46	18	2	123
-Fracture - Neck, Trunk	805-809	0	0	1	0	0	0	0	1	0	2
-Fracture - Upper Limb	810-819	0	0	0	0	1	1	2	1	0	5
-Fracture - Lower Limb	820-829	0	0	0	0	0	1	0	0	0	1
-Dislocation	830-839	1	1	2	0	2	1	3	0	0	10
-Sprains & Strains - Back	846-847	1	1	4	0	4	2	11	4	0	27
-Sprains & Strains - Other	840-845, 848	0	0	1	0	7	2	9	5	0	24
-Intracranial Injury	850-854	1	0	0	0	0	0	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	2	1	0	0	0	3	1	0	7
-Open Wound - Upper Limb	880-887	1	1	0	0	2	1	7	2	1	15

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

(CONTINUED)

Hanford 1999

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										
-Open Wound - Lower Limb	890-897	0	1	0	0	0	0	0	0	0	1
-Superficial Injury	910-919	0	2	0	0	0	1	4	2	0	9
-Contusion	920-924	0	2	1	0	0	1	1	0	0	5
-Crushing Injury	925-929	0	0	1	0	0	0	0	0	0	1
-Foreign Body Entering Orifice	930-939	0	0	1	0	0	0	4	1	0	6
-Burns	940-949	0	0	0	0	1	0	0	0	1	2
-Complicatio- ns & Unspecified Injuries	958-959	0	0	1	0	0	1	2	0	0	4
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	1	0	0	0	0	1
-Unspecified Effects - External Causes	990-995	0	0	0	1	0	0	0	1	0	2
Total		14	23	24	6	29	21	89	37	2	245

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

Hanford 1999

OSHA Data

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

		Women															
		Job Category															
		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																
-Other Infections & Parasitic Dis	130-136	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	15	45	0	0	0	0	0	0	0	0	0	0	0	0
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Arthropathi- es	710-719	31	0	15	45	18	85	0	0	0	0	0	0	203	11	124	0
-Dorsopathies	720-724	2	2	0	0	81	92	0	0	0	0	0	0	103	0	0	0
-Rheumatism, Excluding Back	725-729	31	0	0	0	71	4	0	0	11	46	0	0	4	0	0	0
-Symptoms	780-789	0	0	0	0	56	0	0	0	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	1	3	0	0	86	11	0	0	0	0	0	0	103	0	5	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)

Hanford 1999

OSHA Data

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

		Women															
		Job Category															
		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																
-Sprains & Strains - Other	840-845, 848	0	0	0	0	53	0	0	0	6	46	0	0	207	11	124	0
-Intracranial Injury	850-854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	1	1	5	0	0	0	0	0	5	0
-Superficial Injury	910-919	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0	81	0	0	5	0	0	0	4	0	0	0
-Crushing Injury	925-929	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
-Burns	940-949	0	0	0	0	0	0	0	0	0	0	0	0	0	37	0	0
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124	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)

Hanford 1999

OSHA Data

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

		Men																	
		Job Category																	
		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																		
-Non-Psychotic Disorders	300-302, 306-316	0	25	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	0	0	0	0	0	0	109	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
-Infections	680-686	0	0	0	0	0	0	0	0	0	0	0	0	1	4	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	0	0
-Other	700-709	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
-Arthropathies	710-719	13	2	32	8	0	0	0	0	141	20	0	12	124	53	123	53	0	0
-Dorsopathies	720-724	0	0	0	0	38	6	0	0	5	2	0	220	43	0	221	8	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	5	0	0	0	99	0	17	0	41	41	71	33	0	0
-Other Dis & Acquired Deformities	730-739	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Symptoms	780-789	0	0	0	0	0	0	1	0	0	0	17	0	0	0	141	8	0	0
-Fracture - Neck, Trunk	805-809	0	0	0	0	15	2	0	0	0	0	0	0	0	0	0	36	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0	18	0	0	0	8	0	20	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)

Hanford 1999

OSHA Data

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

		Men																	
		Job Category																	
		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 - Lower Limb	820-829	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Dislocation	830-839	0	2	32	8	5	0	0	0	14	13	0	0	106	12	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	38	4	0	0	15	2	17	220	99	17	140	8	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	14	0	0	200	20	0	5	99	40	113	20	0	0
-Intracranial Injury	850-854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	4	0	8	0	0	0	0	0	0	0	0	0	29	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0	0	0	0	0	6	4	4	0	6	0
-Open Wound - Lower Limb	890-897	0	0	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	0	2	1	0	0	0
-Contusion	920-924	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
-Crushing Injury	925-929	0	0	0	0	1	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	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)

Hanford 1999

OSHA Data

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

		Men																	
		Job Category																	
		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																		
-Burns	940-949	0	0	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	0	0
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	1	0	0	0	0	0	0	0	8	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									
Falls	E880-E888	7	1	4	0	1	1	1	1	16
Natural/Envi- ronmental Factors	E900-E909	0	0	2	0	1	0	1	0	4
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	1	0	0	1
Other Accidents	E916-E928	12	3	9	3	2	1	10	6	46
Adverse Effect - Medicinal/Bi- ological	E930-E949	0	0	0	0	0	0	0	1	1

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

(CONTINUED)

Hanford 1999

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	2	0	0	0	1	1	0	1	0	5
Falls	E880-E888	0	2	3	0	3	0	6	2	0	16
Natural/Envi- ronmental Factors	E900-E909	0	1	0	0	1	1	2	0	0	5
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	1	0	0	0	4	2	0	7
Other Accidents	E916-E928	4	7	7	1	11	9	38	12	2	91

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

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																
Falls	E880-E888	0	0	0	0	71	92	0	0	0	0	0	0	4	0	0	0
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	9	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
Other Accidents	E916-E928	2	3	15	45	74	0	1	1	11	46	0	0	310	48	134	0
Adverse Effect - Medicinal/Bi- ological	E930-E949	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124	0

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

(CONTINUED)

Hanford 1999

OSHA Data

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

		Men																	
		Job Category																	
		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	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	0
Falls	E880-E888	0	0	33	8	27	6	0	0	67	31	0	0	74	39	29	0	0	0
Natural/Envi- ronmental Factors	E900-E909	0	0	0	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	13	2	4	0	40	14	0	0	147	2	17	232	229	35	366	28	6	0

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

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OSHA DATA

Appendix AA. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined and Injury by Gender**Part 1.** Age-Adjusted Rates for All OSHA-Recordable Diagnoses Among Women by Job Category from 1995 to 1999

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

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

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

(CONTINUED)

HANFORD 1999

OSHA DATA

Appendix AA. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined and Injury by Gender**Part 2.** Age-Adjusted Rates for All OSHA-Recordable Diagnoses Among Men by Job Category from 1995 to 1999

Rate per 1,000 Men

Men	Administration			Professional			Technical			Other/Unknown Salaried		
	Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid
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

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

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

Part 3. Age-Adjusted Rates for Injury by Gender from 1995 to 1999

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

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OSHA Data

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	3	0.2	0.1	0.8
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	7	0.5	0.2	1.0
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	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	6	0.5	0.2	1.2
Musculoskeletal System	710-739	94	8.0	6.3	10.1
-Dorsopathies	720-724	25	1.9	1.2	2.8
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	12	1.4	0.7	2.9
Injury & Poisoning	800-999	123	11.0	8.8	13.7
-Fractures, All Sites	800-829	8	1.0	0.4	2.5
-Dislocations	830-839	10	0.7	0.4	1.4
-Sprains & Strains	840-848	51	4.2	3.1	5.8
-Intracranial Injuries	850-854	1	0.1	0.0	0.5
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	23	2.6	1.5	4.7
-Other Injuries	900-999	30	2.3	1.6	3.3
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		245	21.6	18.5	25.1

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

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

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OSHA Data

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

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	1	0.2	0.0	1.1
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	9	1.5	0.8	2.8
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	1	0.1	0.0	1.0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	1	0.2	0.0	1.5
Musculoskeletal System	710-739	62	11.7	8.9	15.3
-Dorsopathies	720-724	18	3.7	2.2	6.2
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	8	1.7	0.8	3.6
Injury & Poisoning	800-999	63	13.2	9.9	17.5
-Fractures, All Sites	800-829	3	0.6	0.2	1.8
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	25	4.5	2.9	7.0
-Intracranial Injuries	850-854	1	0.1	0.0	1.0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	9	1.8	0.9	3.6
-Other Injuries	900-999	25	6.2	3.9	9.7
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		145	28.6	23.8	34.2

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

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

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

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OSHA Data

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	1	0.1	0.0	0.4
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	3	0.2	0.1	0.5
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	16	0.8	0.5	1.3
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	1	0.0	0.0	0.3
-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
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	7	0.4	0.2	1.0
Musculoskeletal System	710-739	156	9.4	7.9	11.3
-Dorsopathies	720-724	43	2.4	1.7	3.4
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	20	1.6	0.9	2.6
Injury & Poisoning	800-999	186	11.4	9.7	13.4
-Fractures, All Sites	800-829	11	0.8	0.4	1.5
-Dislocations	830-839	10	0.5	0.3	0.9
-Sprains & Strains	840-848	76	4.2	3.3	5.4
-Intracranial Injuries	850-854	2	0.1	0.0	0.4
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	32	2.3	1.5	3.5
-Other Injuries	900-999	55	3.5	2.6	4.8
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		390	23.8	21.3	26.7

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

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

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

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OSHA DATA

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

Diagnostic Category	Administration 4,289 Person-Years				Professional 3,740 Person-Years				Technical 1,173 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	29	0.3	0.2	0.5	16	0.3	0.2	0.4	27	1.8	1.2	2.8
Nervous System & Sense Organs	3	0.4	0.1	1.6	3	0.9	0.3	2.9	0			
Musculoskeletal & Connective Tissue	19	0.5	0.3	0.8	6	0.2	0.1	0.4	18	2.6	1.5	4.3
Symptoms, Signs, & Ill- Defined Conditions	2	0.3	0.1	1.0	3	0.6	0.2	2.0	2	1.4	0.3	6.0
Injury & Poisoning	15	0.2	0.1	0.4	11	0.2	0.1	0.4	19	1.7	1.1	2.8
-Sprains & Strains-Back	6	0.3	0.1	0.8	1	0.1	0.01	0.5	9	3.1	1.5	6.5
-Sprains & Strains-Other	1	0.1	0.01	0.6	0				2	0.8	0.2	3.6
-Open Wound-Upper Limb	2	0.3	0.1	1.2	1	0.1	0.02	1.0	0			
-Superficial Injury	1	0.1	0.01	1.3	1	0.2	0.03	1.9	1	1.0	0.1	8.0
-Contusion	2	0.2	0.04	1.1	1	0.3	0.03	3.0	3	3.9	1.0	14.8

* 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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OSHA DATA

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

Diagnostic Category	Other/Unknown Salaried 749 Person-Years				Service 358 Person-Years				Security 198 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	5	0.5	0.2	1.2	19	4.2	2.6	6.8	11	4.5	2.4	8.4
Nervous System & Sense Organs	1	1.5	0.2	11.8	0				0			
Musculoskeletal & Connective Tissue	2	0.4	0.1	1.7	9	4.1	2.0	8.1	6	5.3	2.3	12.3
Symptoms, Signs, & Ill- Defined Conditions	1	1.0	0.1	7.6	1	2.2	0.3	17.4	2	10.6	2.2	49.8
Injury & Poisoning	3	0.4	0.1	1.3	18	5.6	3.4	9.2	10	5.6	2.9	10.8
-Sprains & Strains-Back	1	0.5	0.1	3.6	4	4.1	1.5	11.6	2	3.9	0.9	16.5
-Sprains & Strains-Other	0				8	15.8	6.9	36.4	2	5.5	1.3	24.3
-Open Wound-Upper Limb	1	0.9	0.1	7.0	3	8.2	2.3	28.4	1	4.0	0.5	29.1
-Superficial Injury	0				1	2.9	0.4	23.6	1	6.3	0.8	53.2
-Contusion	0				1	3.2	0.4	24.1	1	13.1	1.6	105.7

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

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

*** CI = Confidence Limit

(CONTINUED)

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OSHA DATA

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

Diagnostic Category	Crafts and Manual Labor 890 Person-Years				Nuclear 821 Person-Years				Other/Unknown 2,683 Person-Years				Total Persons with 1+ Event
	Pers ons with 1+ Even t*	RR**	Lower 95% CI***	Upper 95% CI***	Pers ons with 1+ Even t*	RR**	Lower 95% CI***	Upper 95% CI***	Pers ons with 1+ Even t*	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	51	6.5	4.6	9.3	32	3.4	2.3	5.0	9	0.2	0.1	0.4	199
Nervous System & Sense Organs	4	10.9	2.5	48.3	4	8.6	2.5	29.4	0				15
Musculoskeletal & Connective Tissue	23	6.1	3.6	10.2	13	2.8	1.5	5.0	2	0.1	0.02	0.4	98
Symptoms, Signs, & Ill- Defined Conditions	2	2.1	0.4	10.1	5	6.6	2.3	18.8	2	0.3	0.04	2.4	20
Injury & Poisoning	39	6.7	4.4	10.0	24	3.4	2.2	5.3	8	0.3	0.1	0.6	147
-Sprains & Strains-Back	12	9.0	4.2	19.4	5	2.4	0.9	6.1	1	0.2	0.02	1.1	41
-Sprains & Strains-Other	7	5.4	2.1	14.2	8	6.3	2.8	13.9	1	0.2	0.03	1.4	29
-Open Wound-Upper Limb	7	8.4	3.1	23.1	3	3.3	0.9	11.4	3	0.6	0.1	2.6	21
-Superficial Injury	4	10.6	2.4	46.1	3	5.6	1.4	21.8	1	0.5	0.1	4.2	13
-Contusion	2	5.8	1.2	28.3	2	4.3	1.0	18.7	1	0.2	0.01	4.9	13

* 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