

2005

Hanford Site Annual Illness and Injury Surveillance Report



Hanford Site

2005 Illness and Injury Surveillance Report

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Additional information about the Department of Energy's Office of Illness and Injury Prevention Programs, the IISP, and annual reports for DOE sites participating in this program can be found at:

<http://www.hss.energy.gov/healthsafety/WSHP/epi/surv/>



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The Hanford Site Work Force - 2005

Figure 1. The Work Force by Gender and Age

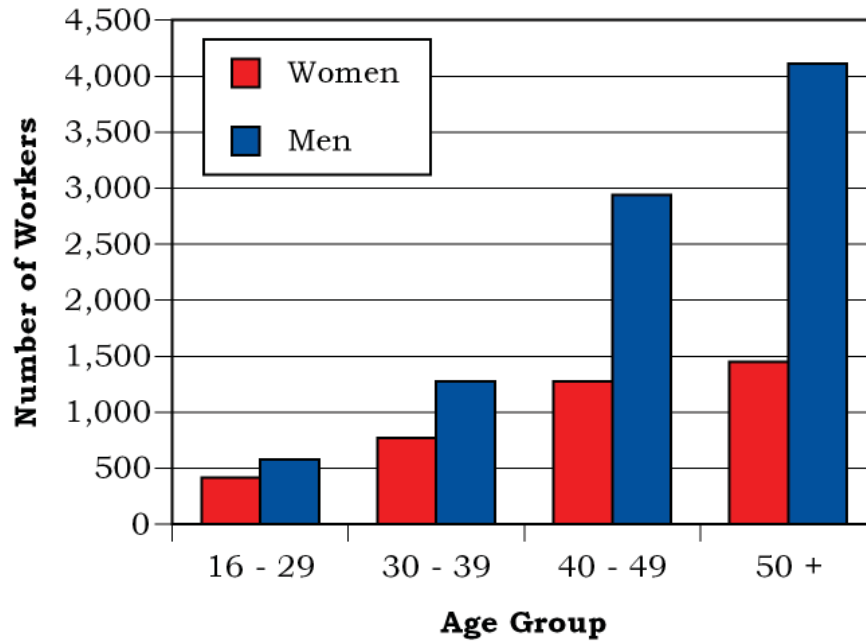


Figure 2. The Work Force by Gender and Job Category

Job Category	Women	Men
Professional	1,485 38%	4,728 53%
Administrative Support	1,679 43%	823 9%
Technical Support	365 9%	922 10%
Service	139 3%	398 5%
Security and Fire	63 2%	463 5%
Crafts	24 1%	809 9%
Line Operators	154 4%	759 9%
Total	3,909 100%	8,902 100%

Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

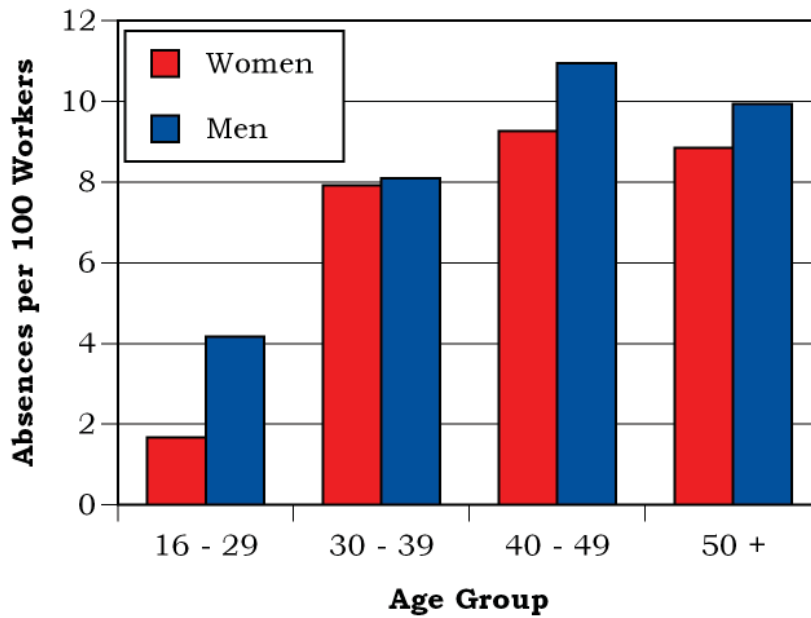


Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women	16-29	7	98	14
	30-39	61	2,106	35
	40-49	118	4,717	40
	50+	128	4,750	37
	Total	314	11,671	37
Men	16-29	24	395	16
	30-39	103	2,234	22
	40-49	322	9,025	28
	50+	409	14,392	35
	Total	858	26,046	30

Figure 5. Absence Rate by Job Category and Gender

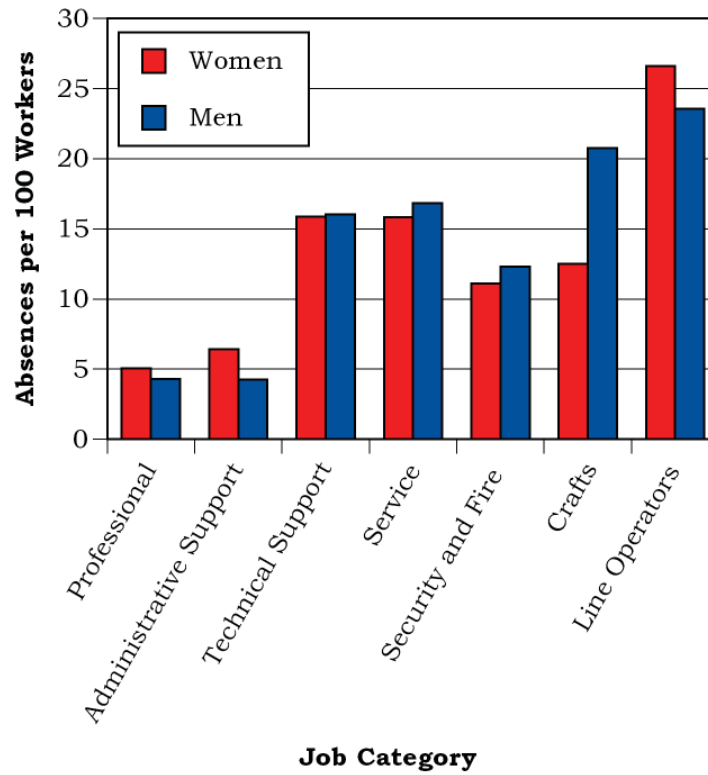
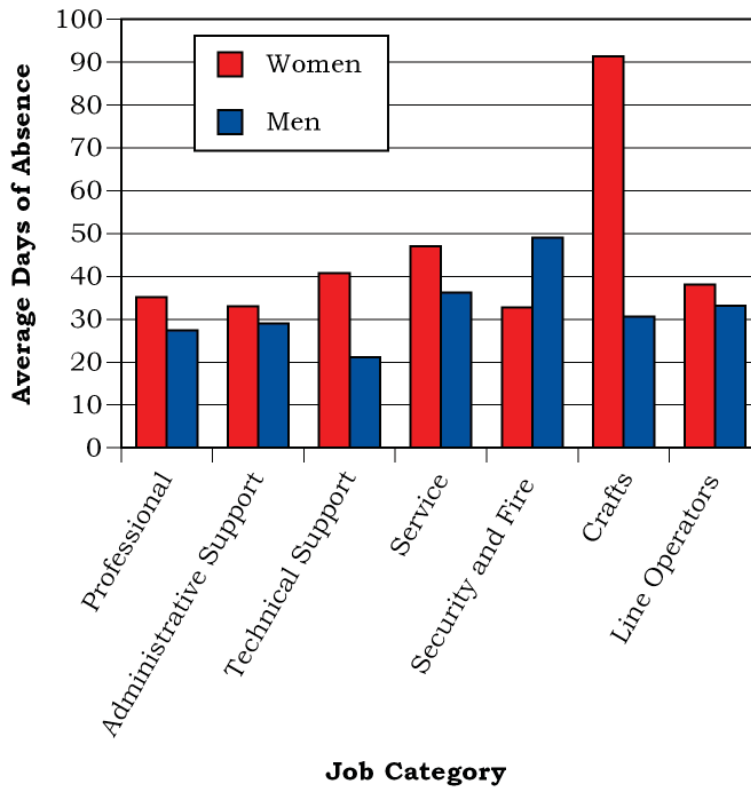


Figure 6. Average Duration of Absence by Job Category and Gender



Diagnostic Categories

Figure 7. Number of Diagnoses and Lost Calendar Days by Diagnostic Category (Categorized by ICD-9-CM) and Gender

Diagnostic Category	Women		Men	
	Number of Diagnoses	Number of Lost Calendar Days	Number of Diagnoses	Number of Lost Calendar Days
Benign Growths	12	393	17	211
Blood	2	50	4	46
Cancer	8	741	42	3,317
Digestive	24	705	58	1,225
Endocrine/Metabolic	11	282	30	681
Existing Birth Condition	0	0	3	196
Genitourinary	24	489	33	495
Heart/Circulatory	24	1,257	106	3,772
Infections/Parasites	9	94	23	746
Injury	63	1,895	210	5,676
Miscarriage	1	5	NA	NA
Musculoskeletal	84	3,473	206	8,472
Nervous System	31	1,767	67	2,059
Psychological	24	1,351	55	2,031
Respiratory	64	1,036	122	1,762
Skin	4	81	46	377
Unspecified Symptoms	22	475	113	2,639

Note: Lost calendar days for each absence are counted more than once when multiple diagnoses occur in different diagnostic categories for the same absence.

Figure 8. Common Diagnoses Among Female Workers in 2005

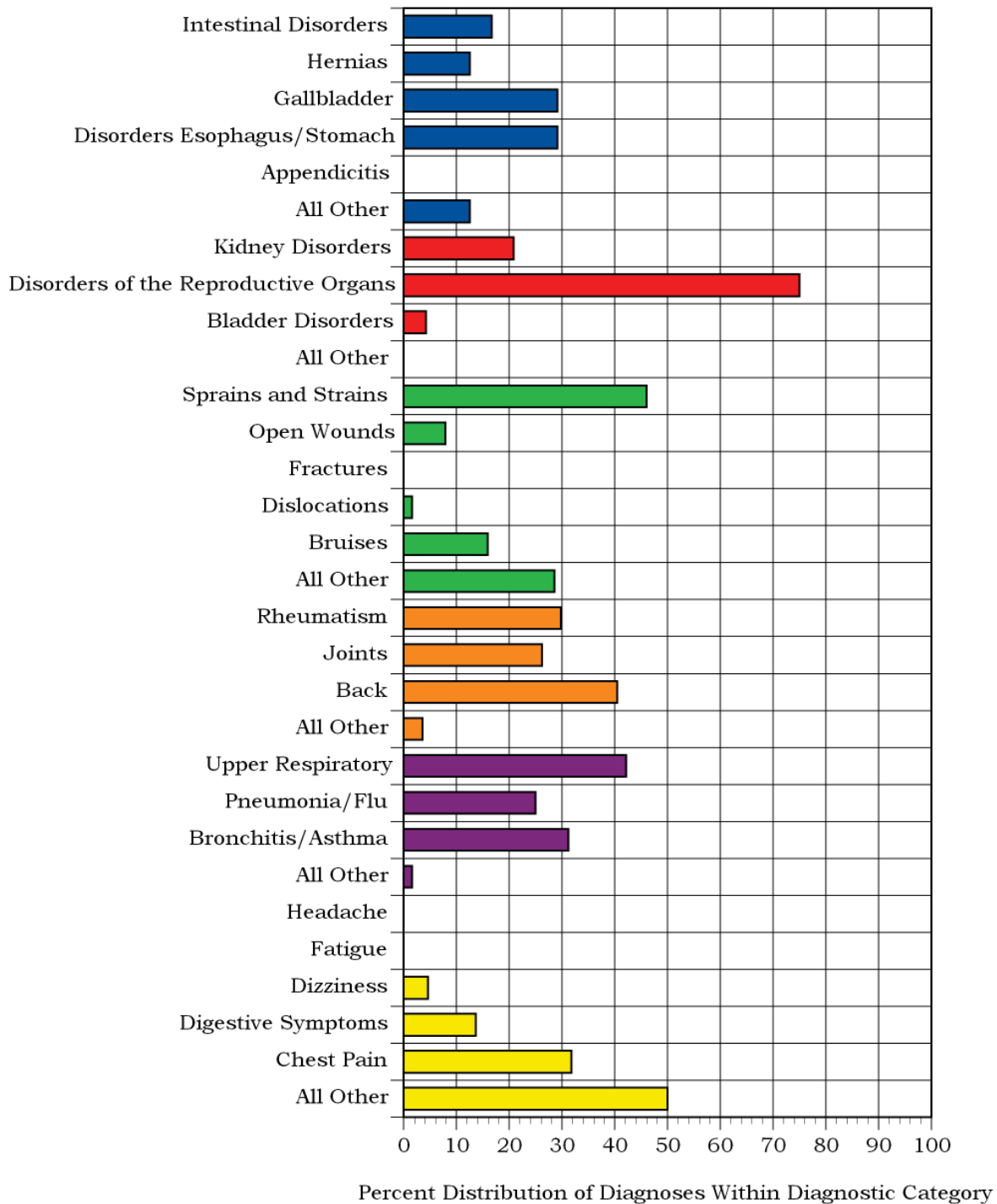
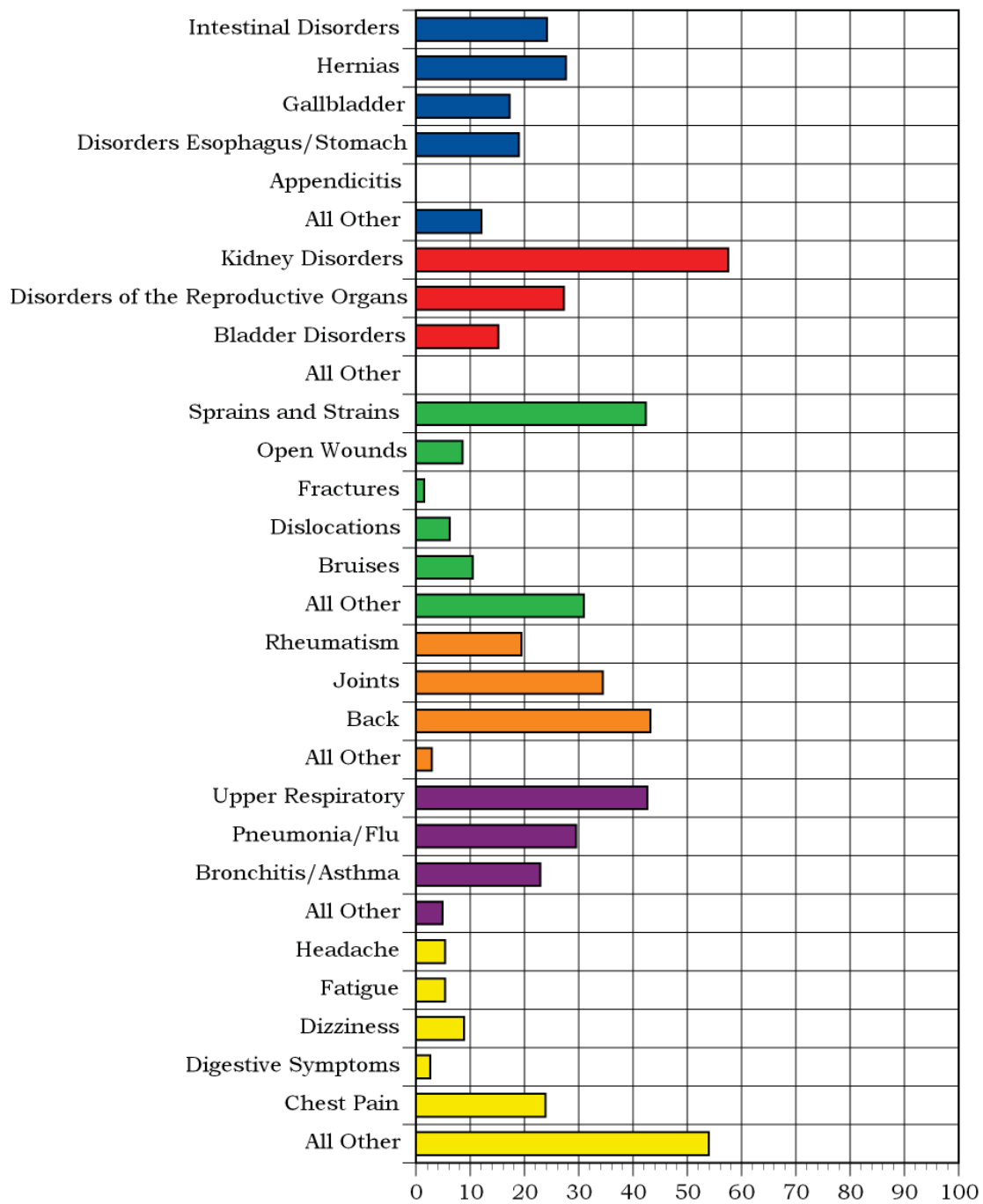


Figure 9. Common Diagnoses Among Male Workers in 2005



Percent Distribution of Diagnoses Within Diagnostic Category



Figure 10. Number of Most Frequently Reported Diagnoses by Job Category and Gender

Job Category	Men		Women	
Professional	Musculoskeletal	38	Musculoskeletal	17
	Heart/Circulatory	31	Respiratory	15
	Injury	28	Injury	10
	Unspecified Symptoms	28		
Administrative Support	Injury	11	Musculoskeletal	28
	Musculoskeletal	7	Respiratory	22
	Nervous System	5	Injury	16
	Respiratory	5		
Technical Support	Injury	37	Injury	18
	Musculoskeletal	28	Respiratory	16
	Respiratory	26	Musculoskeletal	15
Service	Injury	21	Injury	8
	Musculoskeletal	19	Musculoskeletal	7
	Heart/Circulatory	9	Respiratory	4
	Respiratory	9		
Security and Fire	Musculoskeletal	19	Musculoskeletal	3
	Injury	11	Benign Growths	1
	Unspecified Symptoms	8	Genitourinary	1
			Heart/Circulatory	1
			Nervous System	1
			Respiratory	1
Crafts	Injury	51	Musculoskeletal	3
	Musculoskeletal	46	Injury	2
	Respiratory	28		
Line Operators	Injury	51	Musculoskeletal	11
	Musculoskeletal	49	Injury	9
	Psychological	26	Respiratory	6

Rates of Disease Occurrence

Figure 11. Rates for All Illnesses and Injuries Combined by Job Category, Gender, and Age

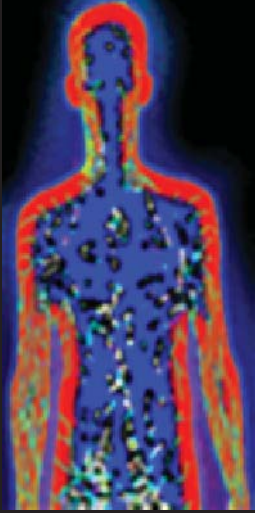
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	40	62
		50+	65	82
	Administrative Support	<50	47	63
		50+	68	104
	Technical Support	<50	189	223
		50+	267	196
	Service	<50	213	188
		50+	234	229
	Security and Fire	<50	170	98
		50+	110	182
	Crafts	<50	285	154
		50+	294	273
	Line Operators	<50	300	354
		50+	387	276

Figure 12. Rates for Selected Diagnostic Categories by Job Category, Gender, and Age

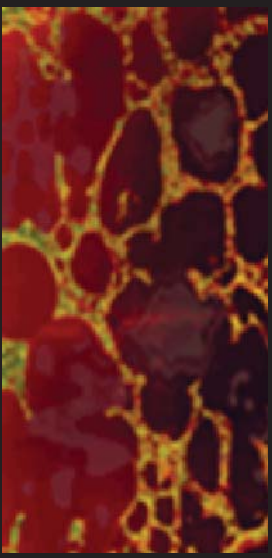
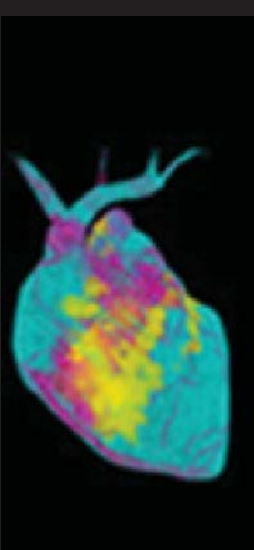
Cancer	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	2	0
		50+	6	8
	Administrative Support	<50	0	0
		50+	5	4
	Technical Support	<50	0	0
		50+	18	11
	Service	<50	0	0
		50+	0	0
	Security and Fire	<50	6	0
		50+	7	0
	Crafts	<50	12	0
		50+	12	0
	Line Operators	<50	2	0
		50+	8	0

Figure 12. Rates for Selected Diagnostic Categories by Job Category, Gender, and Age (Continued)

Heart/Circulatory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	3	2
		50+	10	12
	Administrative Support	<50	7	2
		50+	3	7
	Technical Support	<50	17	7
		50+	14	11
	Service	<50	17	0
		50+	32	29
	Security and Fire	<50	6	24
		50+	7	0
	Crafts	<50	12	0
		50+	33	0
	Line Operators	<50	22	21
		50+	51	17



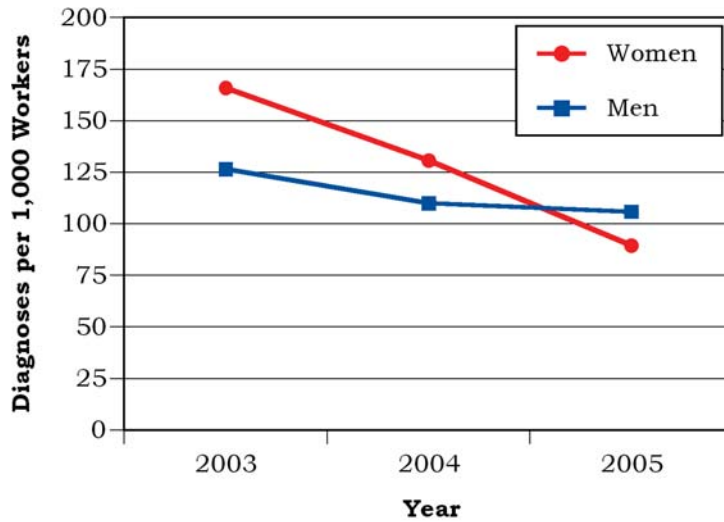
Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	4	9
		50+	6	12
	Administrative Support	<50	5	8
		50+	8	20
	Technical Support	<50	22	48
		50+	43	33
	Service	<50	33	29
		50+	6	29
	Security and Fire	<50	19	24
		50+	7	0
	Crafts	<50	31	0
		50+	37	0
	Line Operators	<50	34	31
		50+	24	52

Figure 12. Rates for Selected Diagnostic Categories by Job Category, Gender, and Age (Continued)

Injury	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	6	7
		50+	6	6
	Administrative Support	<50	19	5
		50+	8	16
	Technical Support	<50	47	66
		50+	25	0
	Service	<50	46	43
		50+	63	71
	Security and Fire	<50	31	0
		50+	7	0
	Crafts	<50	65	154
		50+	62	0
	Line Operators	<50	67	73
		50+	67	34

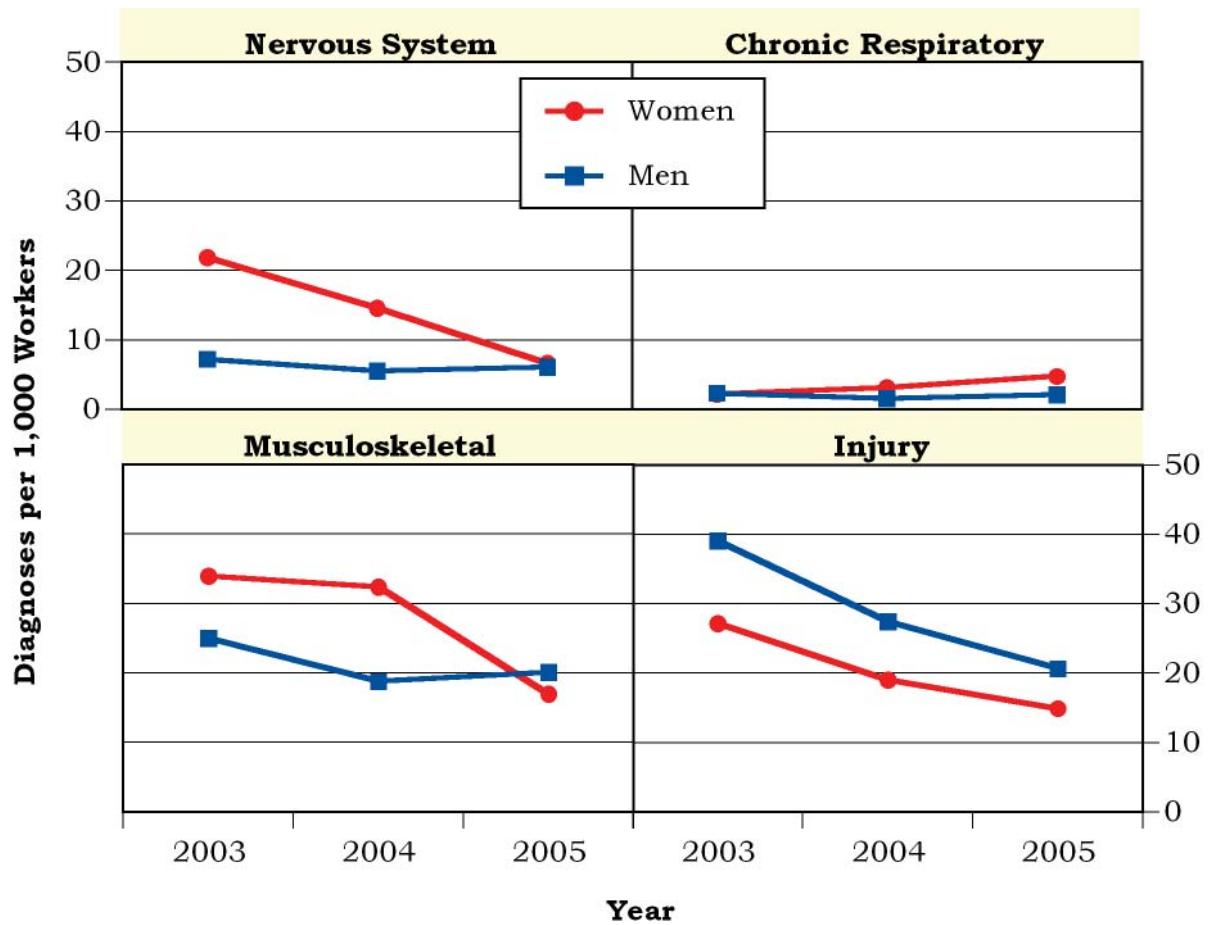
Time Trends

Figure 13. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men from 2003 to 2005*



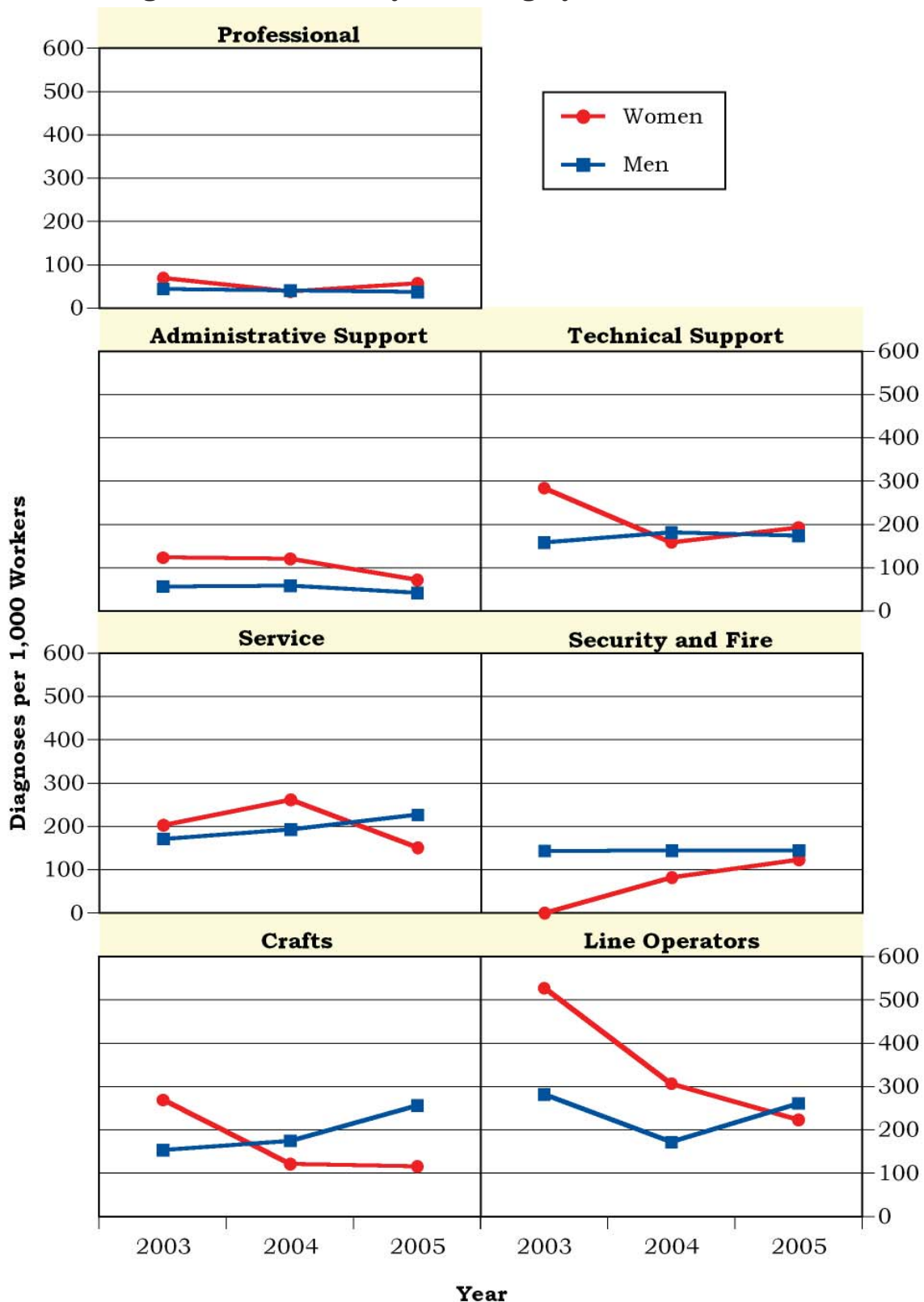
* Standardized to age distribution of 2000 U.S. population.

Figure 14. Age-Adjusted Rates for Selected Diagnostic Categories Among Women and Men from 2003 to 2005*



* Standardized to age distribution of 2000 U.S. population.

Figure 15. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men by Job Category from 2003 to 2005*



* Standardized to age distribution of 2000 U.S. population.

Sentinel Health Events for Occupations (SHEOs)

An occupational sentinel health event (SHEO) is a disease, disability, or death that is likely to be occupationally related. Although sentinel health events may indicate an occupational exposure, many may result from nonoccupational exposures. Sentinel health events are therefore assessed in two categories:

Definite Sentinel Health Events: Diseases that are unlikely to occur in the absence of an occupational exposure (e.g., asbestosis).

Possible Sentinel Health Events: Diseases that may be occupational but can also occur in the absence of an occupational exposure (e.g., lung cancer or carpal tunnel syndrome).

Figure 16. Characteristics of SHEOs by Gender

	Total Number of SHEO Diagnoses		Total Number of Days Absent	
	Men	Women	Men	Women
Definite	189	66	2,557	4,561
Possible	23	11	683	4,859
Total	212	77	3,240	9,420

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 17. OSHA-Recordable Events by Gender and Age

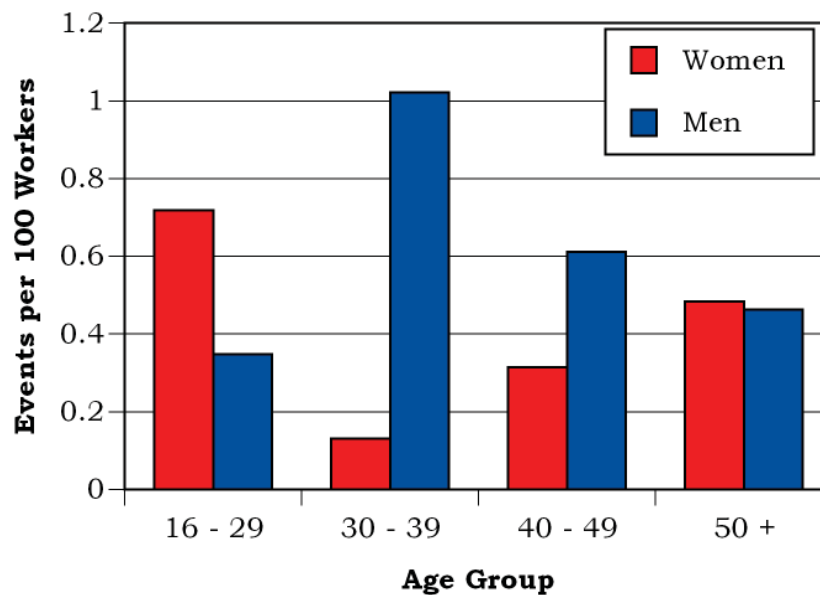
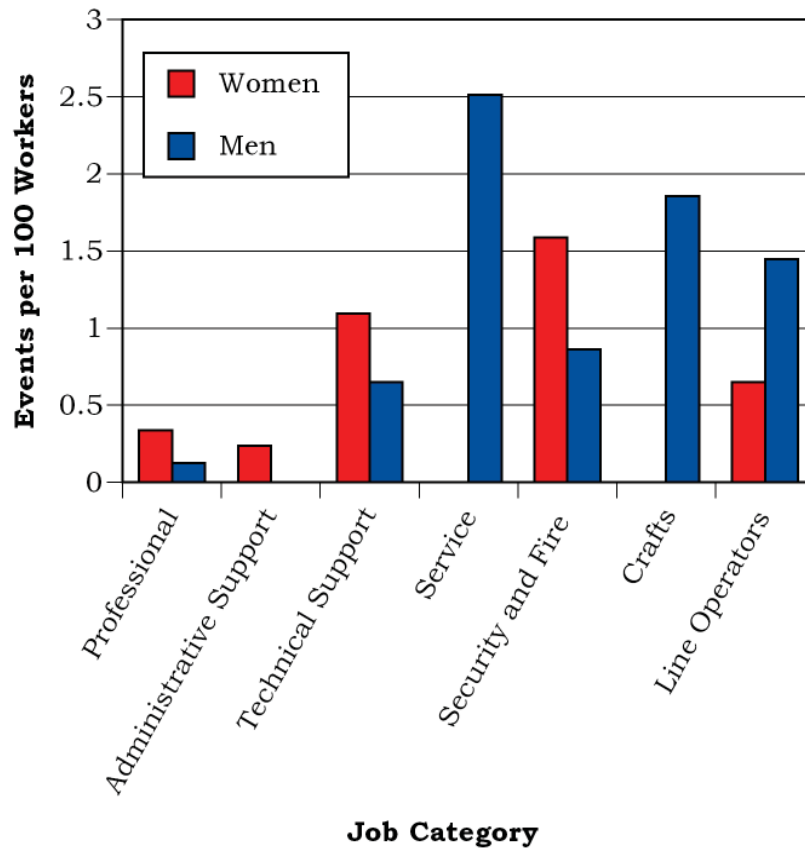


Figure 18. OSHA-Recordable Events by Job Category and Gender



Diagnostic and Accident Categories for OSHA-Recordable Events

Figure 19. OSHA-Recordable Diagnoses by Diagnostic Category and Gender

Diagnostic Category	Gender	
	Women	Men
Digestive	0	1
Genitourinary	0	1
Musculoskeletal	13	27
Nervous System	1	1
Unspecified Symptoms	1	2
Injury	10	40
Fractures – Neck, Trunk	0	1
Fractures – Upper Limb	1	1
Fractures – Lower Limb	0	2
Dislocations	0	2
Back Sprains & Strains	1	3
Other Sprains & Strains	2	5
Open Wounds – Head, Neck, Trunk	0	8
Open Wounds – Upper Limb	2	5
Bruises	2	1
Foreign Bodies Entering Orifice	0	4
Burns	1	1
Unspecified Injuries	0	7
Adverse Reactions to Non-Medical Substances	1	0

Figure 20. OSHA-Recordable Accidents by Type and Gender

Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Falls	2	8
Natural/Environmental Factors	1	0
Submersion/Suffocation/Foreign Bodies	0	4
Other Accidents	12	40
Struck by an Object	0	9
Caught Between Objects	1	2
Cutting/Piercing Instrument/Object	2	4
Hot, Corrosive, or Caustic Material/Steam	1	1
Overexertion/Strenuous Movements	6	23
Repetitive Trauma	2	1
Total	15	53

Rates of OSHA-Recordable Events

Figure 21. OSHA-Recordable Rates by Age and Job Categories Among Women, All Diagnoses Combined

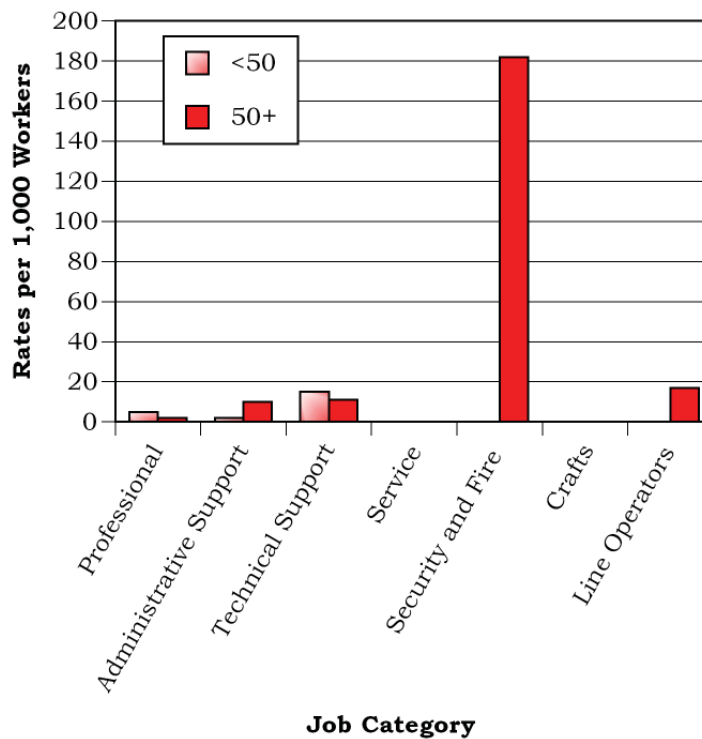
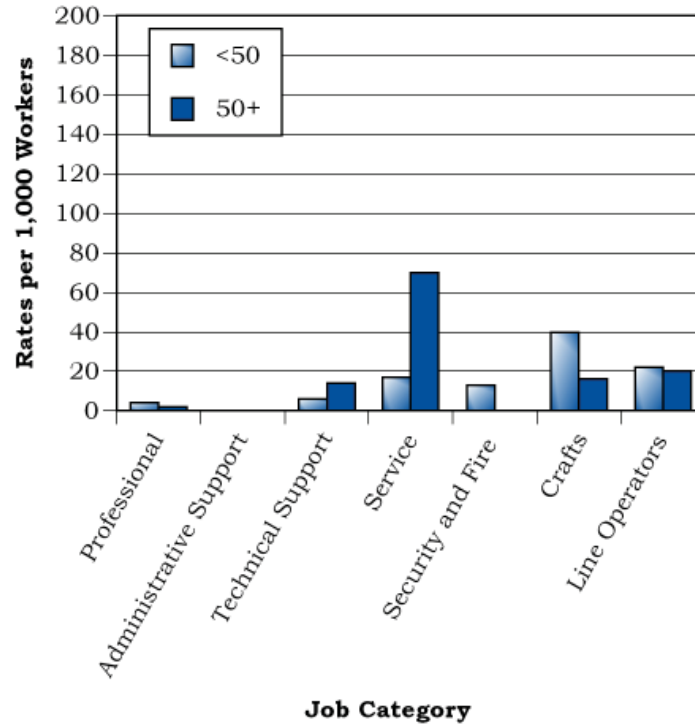
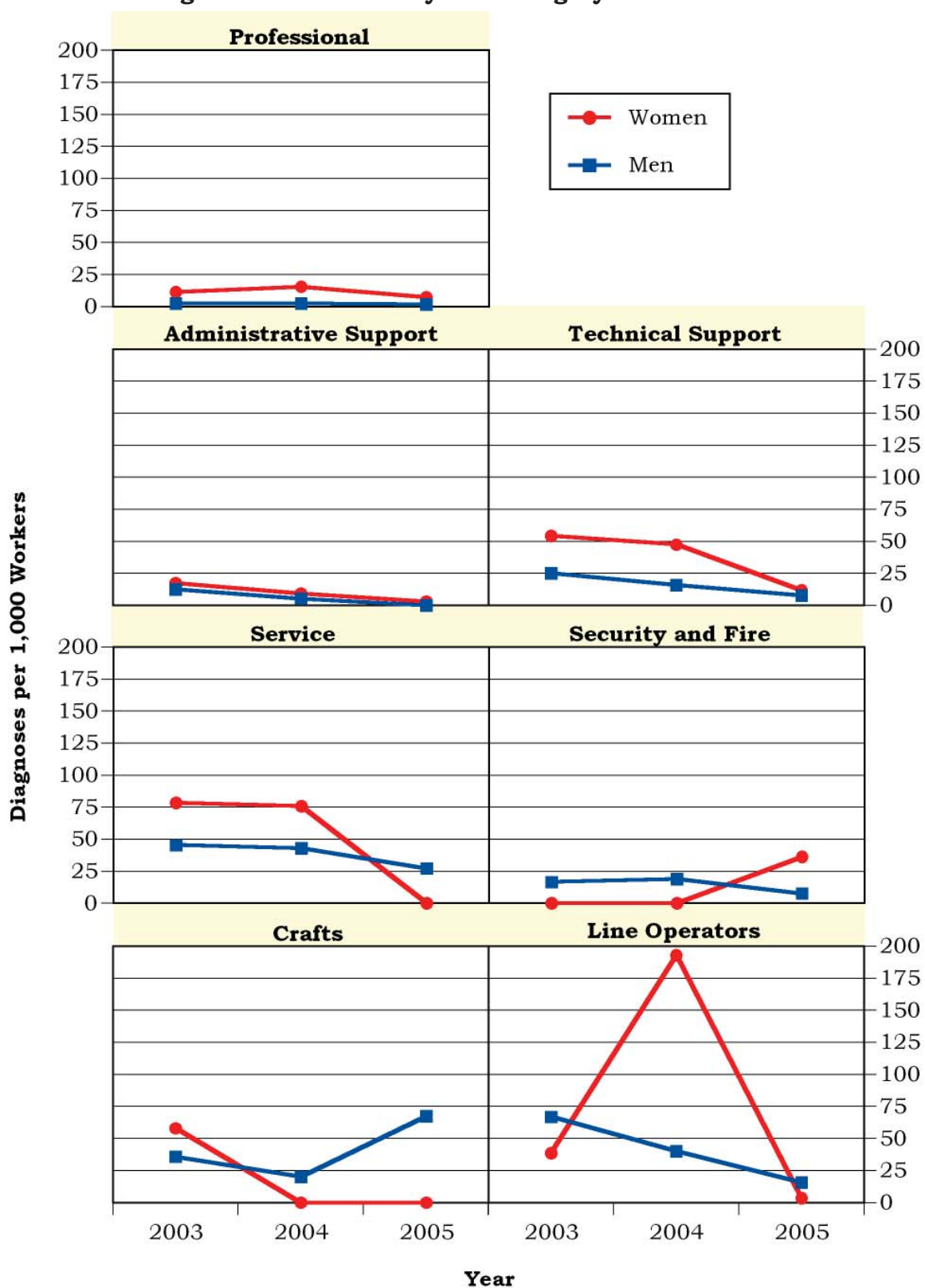


Figure 22. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined



Time Trends for OSHA-Recordable Events

Figure 23. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined Among Women and Men by Job Category from 2003 to 2005*



* Standardized to age distribution of 2000 U.S. population.

Appendices

Hanford Site 2005
Absence Data

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

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 +		
Professional	131	328	525	501	1,485	179	645	1,510	2,394	4,728	6,213
Administrative Support	199	292	495	693	1,679	85	111	232	395	823	2,502
Technical Support	73	89	111	92	365	156	142	343	281	922	1,287
Service	1	21	47	70	139	25	67	148	158	398	537
Security and Fire	9	11	21	22	63	87	73	158	145	463	526
Crafts	1	3	9	11	24	13	78	232	486	809	833
Line Operators	4	26	66	58	154	31	157	318	253	759	913
TOTAL	418	770	1,274	1,447	3,909	576	1,273	2,941	4,112	8,902	12,811

Appendix B. Age Distribution of the Work Force by Gender

Year	Women				Men			
	Percent Distribution by Age Group				Percent Distribution by Age Group			
	16 - 29	30 - 39	40 - 49	50 +	16 - 29	30 - 39	40 - 49	50 +
1993	28.81	28.44	26.20	16.54	13.18	29.53	30.90	26.39
1994	28.57	28.18	26.35	16.90	13.52	28.54	31.19	26.75
1995	26.39	28.54	28.66	16.41	12.20	28.49	34.18	25.13
1996	18.80	29.63	32.71	18.86	7.76	27.83	37.30	27.10
1997	17.44	30.23	33.39	18.94	7.75	27.28	39.52	25.45
1998	16.95	29.30	32.53	21.22	6.86	24.96	38.76	29.42
1999	17.03	27.84	32.68	22.45	6.97	23.18	38.16	31.68
2000	16.36	26.28	33.26	24.10	7.11	21.37	37.03	34.49
2001	15.47	24.73	33.69	26.12	7.58	20.23	36.00	36.19
2002	15.43	23.37	32.97	28.23	7.27	18.34	35.69	38.70
2003	4.45	20.96	36.90	37.68	2.96	15.36	37.13	44.56
2004	3.70	19.05	37.40	39.85	2.86	14.21	36.48	46.45
2005	10.69	19.70	32.59	37.02	6.47	14.30	33.04	46.19

Hanford Site 2005
Absence Data

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

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 +		
Professional	1	15	25	24	65	1	17	55	107	180	245
Administrative Support	2	16	26	50	94	1	1	8	20	30	124
Technical Support	1	17	18	12	48	7	12	56	44	119	167
Service	0	4	7	9	20	4	9	20	26	59	79
Security and Fire	2	1	1	3	7	5	10	22	13	50	57
Crafts	0	0	1	2	3	3	11	44	80	138	141
Line Operators	0	4	18	11	33	1	26	57	49	133	166
TOTAL	6	57	96	111	270	22	86	262	339	709	979

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

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

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 +		
Professional	1	15	30	29	75	1	18	60	125	204	279
Administrative Support	3	17	30	58	108	1	1	11	22	35	143
Technical Support	1	19	26	12	58	7	15	68	58	148	206
Service	0	4	8	10	22	4	10	24	29	67	89
Security and Fire	2	1	1	3	7	6	11	27	13	57	64
Crafts	0	0	1	2	3	3	12	53	100	168	171
Line Operators	0	5	22	14	41	2	36	79	62	179	220
TOTAL	7	61	118	128	314	24	103	322	409	858	1,172

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

Hanford Site 2005
Absence Data

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

# of Calendar Days	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
< 15	6	33	50	50	139	17	70	195	222	504	643
15 - 28	0	5	20	30	55	4	17	43	56	120	175
29 - 42	0	11	12	11	34	0	6	23	41	70	104
43 - 56	1	2	12	12	27	0	3	11	20	34	61
57 - 91	0	3	10	14	27	3	2	19	34	58	85
92 - 182	0	5	13	9	27	0	4	30	29	63	90
183 +	0	2	1	2	5	0	1	1	7	9	14
TOTAL	7	61	118	128	314	24	103	322	409	858	1,172

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

Hanford Site 2005
Absence Data

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

Women

# of Calendar Days	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
< 15	32	49	26	10	3	0	19	139
15 - 28	10	26	11	3	1	1	3	55
29 - 42	11	8	6	2	0	0	7	34
43 - 56	8	8	4	1	2	0	4	27
57 - 91	8	8	3	2	1	1	4	27
92 - 182	5	7	6	4	0	1	4	27
183 +	1	2	2	0	0	0	0	5
TOTAL	75	108	58	22	7	3	41	314

Men

# of Calendar Days	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
< 15	128	15	103	34	32	91	101	504
15 - 28	32	9	12	14	8	22	23	120
29 - 42	13	4	11	4	3	19	16	70
43 - 56	6	2	6	2	2	7	9	34
57 - 91	11	4	11	6	4	13	9	58
92 - 182	12	1	4	5	6	15	20	63
183 +	2	0	1	2	2	1	1	9
TOTAL	204	35	148	67	57	168	179	858

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

Hanford Site 2005

Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	4	5	9
-Intestinal Infectious Dis	001-009	0	0	2	0	2
-Other Bacterial Dis	030-041	0	0	0	1	1
-Viral Dis with Exanthem	050-057	0	0	0	1	1
-Other Viral Dis & Chlamydiae	070-079	0	0	2	1	3
-Rickettsioses & Other Arthropod	080-088	0	0	0	0	0
-Mycoses	110-118	0	0	0	2	2
-Other Infections & Parasitic Dis	130-136	0	0	0	0	0
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	8	8
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0	0
-Digestive & Peritoneal	150-159	0	0	0	2	2
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0
-Breast	174-175	0	0	0	3	3
-Genitourinary	179-189	0	0	0	1	1
-Other & Unspecified Sites	190, 193-199	0	0	0	2	2
-Lymphatic & Hematopoietic	200-208	0	0	0	0	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	4	6	2	12
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	1	5	5	11
-Thyroid Gland Disorders	240-246	0	1	3	0	4
-Other Endocrine Gland Dis	250-259	0	0	1	2	3
-Other Metabolic & Immunity Disorders	270-279	0	0	1	3	4
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	1	1	2
MENTAL DISORDERS	290-319	0	5	16	3	24
-Psychoses	290-299	0	0	1	0	1
-Non-Psychotic Disorders	300-302, 306-316	0	5	11	3	19
-Alcohol Dependence	303	0	0	1	0	1
-Drug Dependence	304-305	0	0	3	0	3
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	5	12	14	31
-Inflammatory Dis of Central NS	320-326	0	0	0	0	0
-Hereditary/Degenerative Central NS Dis	330-337	0	0	0	1	1
-Other Disorders of Central NS	340-349	0	1	0	0	1
-Disorders of Peripheral NS	350-359	0	4	9	11	24
-Disorders of Eye	360-379	0	0	2	1	3
-Dis of Ear & Mastoid	380-389	0	0	1	1	2
CIRCULATORY SYSTEM	390-459	0	4	5	15	24
-Hypertensive Dis	401-405	0	1	3	4	8
-Ischemic Heart Dis	410-414	0	0	0	3	3

(Continued)

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

Hanford Site 2005

Absence Data

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

		Men				TOTAL	TOTAL
		Age Group					
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	3	10	9	23	32
-Intestinal Infectious Dis	001-009	0	0	3	1	4	6
-Other Bacterial Dis	030-041	0	0	3	2	5	6
-Viral Dis with Exanthem	050-057	1	1	0	3	5	6
-Other Viral Dis & Chlamydiae	070-079	0	1	3	2	6	9
-Rickettsioses & Other Arthropod	080-088	0	0	1	0	1	1
-Mycoses	110-118	0	1	0	0	1	3
-Other Infections & Parasitic Dis	130-136	0	0	0	1	1	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	11	31	42	50
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	3	3	3
-Digestive & Peritoneal	150-159	0	0	1	2	3	5
-Bone, Connective Tissue, Skin	170-173, 176	0	0	3	4	7	7
-Breast	174-175	0	0	0	0	0	3
-Genitourinary	179-189	0	0	0	12	12	13
-Other & Unspecified Sites	190, 193-199	0	0	3	2	5	7
-Lymphatic & Hematopoietic	200-208	0	0	4	8	12	12
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	1	9	7	17	29
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	2	11	17	30	41
-Thyroid Gland Disorders	240-246	0	0	1	3	4	8
-Other Endocrine Gland Dis	250-259	0	1	4	12	17	20
-Other Metabolic & Immunity Disorders	270-279	0	1	6	2	9	13
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	1	3	4	6
MENTAL DISORDERS	290-319	3	8	21	23	55	79
-Psychoses	290-299	0	0	0	0	0	1
-Non-Psychotic Disorders	300-302, 306-316	2	5	19	18	44	63
-Alcohol Dependence	303	1	0	1	1	3	4
-Drug Dependence	304-305	0	3	1	4	8	11
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	3	2	23	39	67	98
-Inflammatory Dis of Central NS	320-326	0	0	1	0	1	1
-Hereditary/Degenerative Central NS Dis	330-337	0	0	0	2	2	3
-Other Disorders of Central NS	340-349	0	0	2	1	3	4
-Disorders of Peripheral NS	350-359	0	0	10	14	24	48
-Disorders of Eye	360-379	2	2	5	18	27	30
-Dis of Ear & Mastoid	380-389	1	0	5	4	10	12
CIRCULATORY SYSTEM	390-459	1	9	33	63	106	130
-Hypertensive Dis	401-405	0	3	11	21	35	43
-Ischemic Heart Dis	410-414	0	0	7	22	29	32

(Continued)

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

Hanford Site 2005

Absence Data

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

		Women					TOTAL
		Age Group					
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
-Dis of Pulmonary Circulation	415-417	0	0	0	0	0	
-Other Heart Dis	420-429	0	2	1	4	7	
-Cerebrovascular Dis	430-438	0	0	0	1	1	
-Dis of Arteries & Capillaries	440-448	0	0	0	0	0	
-Dis of Veins, Lymphatics, Other	451-459	0	1	1	3	5	
RESPIRATORY SYSTEM	460-519	4	16	16	28	64	
-Acute Respiratory Infections	460-466	2	4	4	4	14	
-Other Dis Upper Respiratory Tract	470-478	1	5	4	3	13	
-Pneumonia & Influenza	480-487	0	2	3	11	16	
-Chronic Obstructive Dis	490-496	1	4	5	10	20	
-Lung Dis from External Agents	500-508	0	0	0	0	0	
-Other Respiratory Dis	510-519	0	1	0	0	1	
DIGESTIVE SYSTEM	520-579	1	5	7	11	24	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	0	1	
-Esophagus, Stomach, Duodenum	530-537	1	0	2	4	7	
-Hernia	550-553	0	1	0	2	3	
-Enteritis, Colitis	555-558	0	0	1	1	2	
-Other Intestinal Dis	560-569	0	0	1	2	3	
-Other Digestive Dis	570-579	0	4	2	2	8	
GENTOURINARY SYSTEM	580-629	1	7	8	8	24	
-Nephritis, Nephrosis	580-589	0	0	0	0	0	
-Other Urinary Dis	590-599	0	1	0	5	6	
-Male Genital Organ Dis	600-608	0	0	0	0	0	
-Breast Disorders	610-611	1	0	0	0	1	
-Pelvic Inflammatory Dis	614-616	0	1	0	0	1	
-Other Female Disorders	617-629	0	5	8	3	16	
PREGNANCY & CHILDBIRTH	630-677	0	1	0	0	1	
-Pregnancy with Abortive Outcome	634-639	0	1	0	0	1	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	2	2	4	
-Infections	680-686	0	0	1	2	3	
-Other Inflammatory Conditions	690-698	0	0	0	0	0	
-Other	700-709	0	0	1	0	1	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	2	12	37	33	84	
-Arthropathies	710-719	0	2	7	13	22	
-Dorsopathies	720-724	2	7	14	11	34	
-Rheumatism, Excluding Back	725-729	0	3	14	8	25	

(Continued)

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

Hanford Site 2005

Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
-Dis of Pulmonary Circulation	415-417	0	0	2	1	3	3	
-Other Heart Dis	420-429	0	2	9	9	20	27	
-Cerebrovascular Dis	430-438	0	0	2	2	4	5	
-Dis of Arteries & Capillaries	440-448	0	0	0	3	3	3	
-Dis of Veins, Lymphatics, Other	451-459	1	4	2	5	12	17	
RESPIRATORY SYSTEM	460-519	4	15	48	55	122	186	
-Acute Respiratory Infections	460-466	2	10	16	10	38	52	
-Other Dis Upper Respiratory Tract	470-478	2	2	2	8	14	27	
-Pneumonia & Influenza	480-487	0	1	20	15	36	52	
-Chronic Obstructive Dis	490-496	0	2	9	17	28	48	
-Lung Dis from External Agents	500-508	0	0	0	4	4	4	
-Other Respiratory Dis	510-519	0	0	1	1	2	3	
DIGESTIVE SYSTEM	520-579	1	11	21	25	58	82	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	1	2	3	
-Esophagus, Stomach, Duodenum	530-537	0	4	4	3	11	18	
-Hernia	550-553	0	3	4	9	16	19	
-Enteritis, Colitis	555-558	0	0	1	3	4	6	
-Other Intestinal Dis	560-569	1	1	4	5	11	14	
-Other Digestive Dis	570-579	0	3	7	4	14	22	
GENTOURINARY SYSTEM	580-629	2	5	13	13	33	57	
-Nephritis, Nephrosis	580-589	0	1	0	0	1	1	
-Other Urinary Dis	590-599	1	3	10	9	23	29	
-Male Genital Organ Dis	600-608	1	1	3	4	9	9	
-Breast Disorders	610-611	0	0	0	0	0	1	
-Pelvic Inflammatory Dis	614-616	0	0	0	0	0	1	
-Other Female Disorders	617-629	0	0	0	0	0	16	
PREGNANCY & CHILDBIRTH	630-677	0	0	0	0	0	1	
-Pregnancy with Abortive Outcome	634-639	0	0	0	0	0	1	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	4	16	26	46	50	
-Infections	680-686	0	1	5	7	13	16	
-Other Inflammatory Conditions	690-698	0	1	2	3	6	6	
-Other	700-709	0	2	9	16	27	28	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	8	29	75	94	206	290	
-Arthropathies	710-719	0	8	26	37	71	93	
-Dorsopathies	720-724	6	15	33	35	89	123	
-Rheumatism, Excluding Back	725-729	2	4	15	19	40	65	

(Continued)

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

Hanford Site 2005

Absence Data

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

		Women					TOTAL
		Age Group					
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
-Other Dis & Acquired Deformities	730-739	0	0	2	1	3	
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	3	4	14	22	
-Symptoms	780-789	1	3	4	13	21	
-Non-Specific Abnormal Findings	790-796	0	0	0	1	1	
-Ill-Defined & Unknown Causes	797-799	0	0	0	0	0	
INJURY & POISONING	800-999	2	16	24	21	63	
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	
-Fracture - Upper Limb	810-819	0	0	0	0	0	
-Dislocation	830-839	0	0	1	0	1	
-Sprains & Strains - Back	846-847	2	2	5	2	11	
-Sprains & Strains - Other	840-845, 848	0	4	7	7	18	
-Intracranial Injury	850-854	0	1	0	1	2	
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	
-Open Wound - Upper Limb	880-887	0	2	0	1	3	
-Open Wound - Lower Limb	890-897	0	1	1	0	2	
-Late Effects of Accident	905-909	0	0	0	1	1	
-Superficial Injury	910-919	0	0	1	0	1	
-Contusion	920-924	0	1	2	7	10	
-Burns	940-949	0	0	0	0	0	
-Complications & Unspecified Injuries	958-959	0	1	1	0	2	
-Poisoning - Medicinal/Biological	960-979	0	0	0	0	0	
-Toxic Effects - Non-medicinal	980-989	0	1	2	1	4	
-Unspecified Effects - External Causes	990-995	0	0	1	0	1	
-Complications of Surgical/Medical Care	996-999	0	3	3	1	7	
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	3	50	88	92	233	
-Communicable Dis	V01-V06	0	0	1	0	1	
-Isolation & Prophylactic Measures	V07-V09	0	0	0	0	0	
-Personal & Family History	V10-V19	0	1	0	0	1	
-Health Services Reproduction/Development	V20-V29	0	1	0	0	1	
-Health Status	V40-V49	3	40	81	74	198	
-Specific Procedures/Aftercare	V50-V59	0	4	3	14	21	
-Other Circumstances	V60-V69	0	4	2	4	10	
-Examination & Investigation	V70-V82	0	0	1	0	1	

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

Hanford Site 2005

Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
-Other Dis & Acquired Deformities	730-739	0	2	1	3	6	9	
CONGENITAL ANOMALIES	740-759	0	0	1	2	3	3	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	14	36	62	113	135	
-Symptoms	780-789	1	10	23	53	87	108	
-Non-Specific Abnormal Findings	790-796	0	3	12	9	24	25	
-Ill-Defined & Unknown Causes	797-799	0	1	1	0	2	2	
INJURY & POISONING	800-999	7	31	90	82	210	273	
-Fracture - Neck, Trunk	805-809	0	0	0	1	1	1	
-Fracture - Upper Limb	810-819	0	1	1	0	2	2	
-Dislocation	830-839	1	4	5	3	13	14	
-Sprains & Strains - Back	846-847	2	4	11	11	28	39	
-Sprains & Strains - Other	840-845, 848	1	13	26	21	61	79	
-Intracranial Injury	850-854	0	0	1	0	1	3	
-Open Wound - Head, Neck, Trunk	870-879	0	0	5	3	8	8	
-Open Wound - Upper Limb	880-887	1	2	2	5	10	13	
-Open Wound - Lower Limb	890-897	0	0	0	0	0	2	
-Late Effects of Accident	905-909	0	0	2	3	5	6	
-Superficial Injury	910-919	1	1	6	1	9	10	
-Contusion	920-924	0	3	12	7	22	32	
-Burns	940-949	0	0	0	2	2	2	
-Complications & Unspecified Injuries	958-959	0	1	1	3	5	7	
-Poisoning - Medicinal/Biological	960-979	0	0	2	1	3	3	
-Toxic Effects - Non-medicinal	980-989	0	1	12	13	26	30	
-Unspecified Effects - External Causes	990-995	0	0	2	1	3	4	
-Complications of Surgical/Medical Care	996-999	1	1	2	7	11	18	
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	6	57	181	320	564	797	
-Communicable Dis	V01-V06	0	2	1	2	5	6	
-Isolation & Prophylactic Measures	V07-V09	0	0	1	1	2	2	
-Personal & Family History	V10-V19	0	1	1	4	6	7	
-Health Services Reproduction/Development	V20-V29	0	0	1	0	1	2	
-Health Status	V40-V49	4	41	150	284	479	677	
-Specific Procedures/Aftercare	V50-V59	2	7	14	12	35	56	
-Other Circumstances	V60-V69	0	5	10	11	26	36	
-Examination & Investigation	V70-V82	0	1	3	6	10	11	

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

Hanford Site 2005

Absence Data

Appendix G. 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											
Total	14	129	235	262	640	37	191	600	871	1,699	2,339

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

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Absence Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	28	66	94
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	741	741
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	85	230	78	393
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	17	84	181	282
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	25	25	50
MENTAL DISORDERS	290-319	0	295	703	353	1,351
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	488	836	443	1,767
CIRCULATORY SYSTEM	390-459	0	207	124	926	1,257
RESPIRATORY SYSTEM	460-519	69	155	241	571	1,036
DIGESTIVE SYSTEM	520-579	53	198	110	344	705
GENTOURINARY SYSTEM	580-629	7	151	152	179	489
PREGNANCY & CHILDBIRTH	630-677	0	5	0	0	5
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	8	73	81
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	488	1,798	1,186	3,473
CONGENITAL ANOMALIES	740-759	0	0	0	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	222	87	165	475
INJURY & POISONING	800-999	21	317	1,012	545	1,895

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

Hanford Site 2005

Absence Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	19	37	253	437	746	840	
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	869	2,448	3,317	4,058	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	1	143	67	211	604	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	39	109	533	681	963	
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	13	33	46	96	
MENTAL DISORDERS	290-319	95	242	804	890	2,031	3,382	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	12	7	699	1,341	2,059	3,826	
CIRCULATORY SYSTEM	390-459	11	685	962	2,114	3,772	5,029	
RESPIRATORY SYSTEM	460-519	25	211	618	908	1,762	2,798	
DIGESTIVE SYSTEM	520-579	9	139	462	615	1,225	1,930	
GENTOURINARY SYSTEM	580-629	16	44	289	146	495	984	
PREGNANCY & CHILDBIRTH	630-677	0	0	0	0	0	5	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	10	154	213	377	458	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	132	706	3,038	4,596	8,472	11,945	
CONGENITAL ANOMALIES	740-759	0	0	180	16	196	196	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	9	670	804	1,156	2,639	3,114	
INJURY & POISONING	800-999	174	203	2,303	2,996	5,676	7,571	

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

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Absence Data

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

		Women		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	5	1	2
-Intestinal Infectious Dis	001-009	2	0	0
-Other Bacterial Dis	030-041	1	0	0
-Viral Dis with Exanthem	050-057	0	1	0
-Other Viral Dis & Chlamydiae	070-079	1	0	2
-Mycoses	110-118	1	0	0
MALIGNANT NEOPLASMS	140-208, 230-234	4	3	1
-Digestive & Peritoneal	150-159	1	1	0
-Breast	174-175	2	0	1
-Genitourinary	179-189	0	1	0
-Other & Unspecified Sites	190, 193-199	1	1	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	5	2	2
ENDOCRINE/METABOLIC/IMMUNITY	240-279	4	3	3
-Thyroid Gland Disorders	240-246	2	1	1
-Other Endocrine Gland Dis	250-259	1	1	0
-Other Metabolic & Immunity Disorders	270-279	1	1	2
BLOOD & BLOOD-FORMING ORGANS	280-289	0	1	1
MENTAL DISORDERS	290-319	6	10	3
-Psychoses	290-299	1	0	0
-Non-Psychotic Disorders	300-302, 306-316	4	9	3
-Alcohol Dependence	303	0	0	0
-Drug Dependence	304-305	1	1	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	9	9	7
-Hereditary/Degenerative Central NS Dis	330-337	0	1	0
-Other Disorders of Central NS	340-349	0	0	1
-Disorders of Peripheral NS	350-359	7	8	4
-Disorders of Eye	360-379	1	0	2
-Dis of Ear & Mastoid	380-389	1	0	0
CIRCULATORY SYSTEM	390-459	8	7	3
-Hypertensive Dis	401-405	1	3	1
-Ischemic Heart Dis	410-414	3	0	0
-Other Heart Dis	420-429	2	3	1
-Cerebrovascular Dis	430-438	0	1	0
-Dis of Veins, Lymphatics, Other	451-459	2	0	1
RESPIRATORY SYSTEM	460-519	15	22	16

(Continued)

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

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Absence Data

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

Diagnostic Category		Women				
		Job Category				TOTAL
		Service	Security and Fire	Crafts	Line Operators	
ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	0	0	0	9
-Intestinal Infectious Dis	001-009	0	0	0	0	2
-Other Bacterial Dis	030-041	0	0	0	0	1
-Viral Dis with Exanthem	050-057	0	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	0	0	0	0	3
-Mycoses	110-118	1	0	0	0	2
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	8
-Digestive & Peritoneal	150-159	0	0	0	0	2
-Breast	174-175	0	0	0	0	3
-Genitourinary	179-189	0	0	0	0	1
-Other & Unspecified Sites	190, 193-199	0	0	0	0	2
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	1	0	2	12
ENDOCRINE/METABOLIC/IMMUNITY	240-279	1	0	0	0	11
-Thyroid Gland Disorders	240-246	0	0	0	0	4
-Other Endocrine Gland Dis	250-259	1	0	0	0	3
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	4
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	2
MENTAL DISORDERS	290-319	0	0	0	5	24
-Psychoses	290-299	0	0	0	0	1
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	3	19
-Alcohol Dependence	303	0	0	0	1	1
-Drug Dependence	304-305	0	0	0	1	3
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	1	0	4	31
-Hereditary/Degenerative Central NS Dis	330-337	0	0	0	0	1
-Other Disorders of Central NS	340-349	0	0	0	0	1
-Disorders of Peripheral NS	350-359	1	1	0	3	24
-Disorders of Eye	360-379	0	0	0	0	3
-Dis of Ear & Mastoid	380-389	0	0	0	1	2
CIRCULATORY SYSTEM	390-459	2	1	0	3	24
-Hypertensive Dis	401-405	1	0	0	2	8
-Ischemic Heart Dis	410-414	0	0	0	0	3
-Other Heart Dis	420-429	0	0	0	1	7
-Cerebrovascular Dis	430-438	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	1	1	0	0	5
RESPIRATORY SYSTEM	460-519	4	1	0	6	64

(Continued)

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

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Absence Data

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

Diagnostic Category		Women			
		Job Category			
		Professional	Administrative Support	Technical Support	Service
ICD-9-CM Code					
-Acute Respiratory Infections	460-466	1	7	3	1
-Other Dis Upper Respiratory Tract	470-478	3	4	3	1
-Pneumonia & Influenza	480-487	3	6	6	1
-Chronic Obstructive Dis	490-496	7	5	4	1
-Other Respiratory Dis	510-519	1	0	0	0
DIGESTIVE SYSTEM	520-579	8	9	4	2
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	0
-Esophagus, Stomach, Duodenum	530-537	2	4	0	1
-Hernia	550-553	1	2	0	0
-Enteritis, Colitis	555-558	1	0	1	0
-Other Intestinal Dis	560-569	2	1	0	0
-Other Digestive Dis	570-579	2	2	3	1
GENTOURINARY SYSTEM	580-629	6	11	1	0
-Other Urinary Dis	590-599	2	3	1	0
-Breast Disorders	610-611	0	0	0	0
-Pelvic Inflammatory Dis	614-616	0	0	0	0
-Other Female Disorders	617-629	4	8	0	0
PREGNANCY & CHILDBIRTH	630-677	0	0	0	1
-Pregnancy with Abortive Outcome	634-639	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	1	0	0	2
-Infections	680-686	1	0	0	2
-Other	700-709	0	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	17	28	15	7
-Arthropathies	710-719	4	9	3	2
-Dorsopathies	720-724	7	9	6	3
-Rheumatism, Excluding Back	725-729	6	9	4	2
-Other Dis & Acquired Deformities	730-739	0	1	2	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	4	12	3	0
-Symptoms	780-789	4	12	2	0
-Non-Specific Abnormal Findings	790-796	0	0	1	0
INJURY & POISONING	800-999	10	16	18	8
-Dislocation	830-839	0	0	0	0
-Sprains & Strains - Back	846-847	1	3	5	1
-Sprains & Strains - Other	840-845, 848	4	4	4	3
-Intracranial Injury	850-854	1	1	0	0

(Continued)

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

Hanford Site 2005

Absence Data

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

		Women			
		Job Category			TOTAL
		Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code				
-Acute Respiratory Infections	460-466	0	0	2	14
-Other Dis Upper Respiratory Tract	470-478	0	0	2	13
-Pneumonia & Influenza	480-487	0	0	0	16
-Chronic Obstructive Dis	490-496	1	0	2	20
-Other Respiratory Dis	510-519	0	0	0	1
DIGESTIVE SYSTEM	520-579	0	0	1	24
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	1
-Esophagus, Stomach, Duodenum	530-537	0	0	0	7
-Hernia	550-553	0	0	0	3
-Enteritis, Colitis	555-558	0	0	0	2
-Other Intestinal Dis	560-569	0	0	0	3
-Other Digestive Dis	570-579	0	0	0	8
GENTOURINARY SYSTEM	580-629	1	0	5	24
-Other Urinary Dis	590-599	0	0	0	6
-Breast Disorders	610-611	1	0	0	1
-Pelvic Inflammatory Dis	614-616	0	0	1	1
-Other Female Disorders	617-629	0	0	4	16
PREGNANCY & CHILDBIRTH	630-677	0	0	0	1
-Pregnancy with Abortive Outcome	634-639	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	1	4
-Infections	680-686	0	0	0	3
-Other	700-709	0	0	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	3	3	11	84
-Arthropathies	710-719	1	1	2	22
-Dorsopathies	720-724	2	2	5	34
-Rheumatism, Excluding Back	725-729	0	0	4	25
-Other Dis & Acquired Deformities	730-739	0	0	0	3
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	3	22
-Symptoms	780-789	0	0	3	21
-Non-Specific Abnormal Findings	790-796	0	0	0	1
INJURY & POISONING	800-999	0	2	9	63
-Dislocation	830-839	0	0	1	1
-Sprains & Strains - Back	846-847	0	0	1	11
-Sprains & Strains - Other	840-845, 848	0	0	3	18
-Intracranial Injury	850-854	0	0	0	2

(Continued)

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

Hanford Site 2005

Absence Data

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

		Women			
		Job Category			
		Professional	Administrative Support	Technical Support	Service
Diagnostic Category	ICD-9-CM Code				
-Open Wound - Upper Limb	880-887	0	0	1	1
-Open Wound - Lower Limb	890-897	0	0	1	0
-Late Effects of Accident	905-909	0	1	0	0
-Superficial Injury	910-919	0	0	1	0
-Contusion	920-924	1	3	3	3
-Complications & Unspecified Injuries	958-959	0	2	0	0
-Toxic Effects - Non-medicinal	980-989	1	1	1	0
-Unspecified Effects - External Causes	990-995	0	0	0	0
-Complications of Surgical/Medical Care	996-999	2	1	2	0
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	59	87	31	14
-Communicable Dis	V01-V06	0	0	0	0
-Personal & Family History	V10-V19	0	0	0	0
-Health Services Reproduction/Development	V20-V29	1	0	0	0
-Health Status	V40-V49	51	75	26	11
-Specific Procedures/Aftercare	V50-V59	5	9	2	2
-Other Circumstances	V60-V69	2	3	3	1
-Examination & Investigation	V70-V82	0	0	0	0

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

Hanford Site 2005

Absence Data

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

		Women				TOTAL
		Job Category			TOTAL	
		Security and Fire	Crafts	Line Operators		
Diagnostic Category	ICD-9-CM Code					
-Open Wound - Upper Limb	880-887	0	0	1	3	
-Open Wound - Lower Limb	890-897	0	0	1	2	
-Late Effects of Accident	905-909	0	0	0	1	
-Superficial Injury	910-919	0	0	0	1	
-Contusion	920-924	0	0	0	10	
-Complications & Unspecified Injuries	958-959	0	0	0	2	
-Toxic Effects - Non-medicinal	980-989	0	0	1	4	
-Unspecified Effects - External Causes	990-995	0	0	1	1	
-Complications of Surgical/Medical Care	996-999	0	2	0	7	
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	7	4	31	233	
-Communicable Dis	V01-V06	0	0	1	1	
-Personal & Family History	V10-V19	0	0	1	1	
-Health Services Reproduction/Development	V20-V29	0	0	0	1	
-Health Status	V40-V49	7	3	25	198	
-Specific Procedures/Aftercare	V50-V59	0	1	2	21	
-Other Circumstances	V60-V69	0	0	1	10	
-Examination & Investigation	V70-V82	0	0	1	1	

Diagnostic Category	Women							TOTAL
	Job Category						TOTAL	
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts		
Total	161	221	110	43	15	9	81	640

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

Hanford Site 2005

Absence Data

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

		Men		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	3	0	5
-Intestinal Infectious Dis	001-009	0	0	1
-Other Bacterial Dis	030-041	1	0	2
-Viral Dis with Exanthem	050-057	1	0	2
-Other Viral Dis & Chlamydiae	070-079	1	0	0
-Rickettsioses & Other Arthropod	080-088	0	0	0
-Mycoses	110-118	0	0	0
-Other Infections & Parasitic Dis	130-136	0	0	0
MALIGNANT NEOPLASMS	140-208, 230-234	19	2	5
-Lip, Oral Cavity, Pharynx	140-149	3	0	0
-Digestive & Peritoneal	150-159	1	0	0
-Bone, Connective Tissue, Skin	170-173, 176	1	1	2
-Genitourinary	179-189	5	0	0
-Other & Unspecified Sites	190, 193-199	3	0	1
-Lymphatic & Hematopoietic	200-208	6	1	2
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	1	1	4
ENDOCRINE/METABOLIC/IMMUNITY	240-279	7	0	8
-Thyroid Gland Disorders	240-246	0	0	2
-Other Endocrine Gland Dis	250-259	3	0	3
-Other Metabolic & Immunity Disorders	270-279	4	0	3
BLOOD & BLOOD-FORMING ORGANS	280-289	3	0	0
MENTAL DISORDERS	290-319	6	3	6
-Non-Psychotic Disorders	300-302, 306-316	5	3	4
-Alcohol Dependence	303	0	0	2
-Drug Dependence	304-305	1	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	15	5	10
-Inflammatory Dis of Central NS	320-326	0	0	1
-Hereditary/Degenerative Central NS Dis	330-337	0	0	1
-Other Disorders of Central NS	340-349	1	1	0
-Disorders of Peripheral NS	350-359	4	4	5
-Disorders of Eye	360-379	7	0	1
-Dis of Ear & Mastoid	380-389	3	0	2
CIRCULATORY SYSTEM	390-459	31	4	15
-Hypertensive Dis	401-405	4	1	10
-Ischemic Heart Dis	410-414	14	0	3

(Continued)

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

Hanford Site 2005

Absence Data

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

Diagnostic Category		Men				
		Job Category				TOTAL
		Service	Security and Fire	Crafts	Line Operators	
ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	3	2	3	7	23
-Intestinal Infectious Dis	001-009	0	0	1	2	4
-Other Bacterial Dis	030-041	1	0	1	0	5
-Viral Dis with Exanthem	050-057	0	1	1	0	5
-Other Viral Dis & Chlamydiae	070-079	2	0	0	3	6
-Rickettsioses & Other Arthropod	080-088	0	0	0	1	1
-Mycoses	110-118	0	1	0	0	1
-Other Infections & Parasitic Dis	130-136	0	0	0	1	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	3	10	3	42
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0	3
-Digestive & Peritoneal	150-159	0	0	1	1	3
-Bone, Connective Tissue, Skin	170-173, 176	0	0	3	0	7
-Genitourinary	179-189	0	1	4	2	12
-Other & Unspecified Sites	190, 193-199	0	0	1	0	5
-Lymphatic & Hematopoietic	200-208	0	2	1	0	12
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	2	5	4	17
ENDOCRINE/METABOLIC/IMMUNITY	240-279	1	1	7	6	30
-Thyroid Gland Disorders	240-246	0	0	1	1	4
-Other Endocrine Gland Dis	250-259	1	0	6	4	17
-Other Metabolic & Immunity Disorders	270-279	0	1	0	1	9
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	1	4
MENTAL DISORDERS	290-319	3	0	11	26	55
-Non-Psychotic Disorders	300-302, 306-316	3	0	7	22	44
-Alcohol Dependence	303	0	0	1	0	3
-Drug Dependence	304-305	0	0	3	4	8
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	8	2	15	12	67
-Inflammatory Dis of Central NS	320-326	0	0	0	0	1
-Hereditary/Degenerative Central NS Dis	330-337	0	0	0	1	2
-Other Disorders of Central NS	340-349	0	0	1	0	3
-Disorders of Peripheral NS	350-359	5	0	4	2	24
-Disorders of Eye	360-379	2	1	10	6	27
-Dis of Ear & Mastoid	380-389	1	1	0	3	10
CIRCULATORY SYSTEM	390-459	9	3	20	24	106
-Hypertensive Dis	401-405	3	0	9	8	35
-Ischemic Heart Dis	410-414	3	0	7	2	29

(Continued)

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

Hanford Site 2005

Absence Data

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

Diagnostic Category		Men			
		Job Category			
		Professional	Administrative Support	Technical Support	Service
ICD-9-CM Code					
-Dis of Pulmonary Circulation	415-417	0	1	0	0
-Other Heart Dis	420-429	9	1	2	0
-Cerebrovascular Dis	430-438	0	0	0	2
-Dis of Arteries & Capillaries	440-448	1	0	0	0
-Dis of Veins, Lymphatics, Other	451-459	3	1	0	1
RESPIRATORY SYSTEM	460-519	24	5	26	9
-Acute Respiratory Infections	460-466	12	1	7	3
-Other Dis Upper Respiratory Tract	470-478	6	2	2	0
-Pneumonia & Influenza	480-487	2	2	11	4
-Chronic Obstructive Dis	490-496	4	0	6	2
-Lung Dis from External Agents	500-508	0	0	0	0
-Other Respiratory Dis	510-519	0	0	0	0
DIGESTIVE SYSTEM	520-579	20	2	15	4
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	0	1
-Esophagus, Stomach, Duodenum	530-537	3	0	3	1
-Hernia	550-553	6	1	3	0
-Enteritis, Colitis	555-558	1	0	3	0
-Other Intestinal Dis	560-569	3	0	3	0
-Other Digestive Dis	570-579	6	1	3	2
GENTOURINARY SYSTEM	580-629	8	1	7	2
-Nephritis, Nephrosis	580-589	0	0	0	0
-Other Urinary Dis	590-599	6	1	5	0
-Male Genital Organ Dis	600-608	2	0	2	2
SKIN & SUBCUTANEOUS TISSUE	680-709	16	1	12	3
-Infections	680-686	5	1	1	2
-Other Inflammatory Conditions	690-698	4	0	1	0
-Other	700-709	7	0	10	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	38	7	28	19
-Arthropathies	710-719	13	2	10	1
-Dorsopathies	720-724	15	3	13	14
-Rheumatism, Excluding Back	725-729	10	1	4	4
-Other Dis & Acquired Deformities	730-739	0	1	1	0
CONGENITAL ANOMALIES	740-759	2	0	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	28	5	18	6
-Symptoms	780-789	20	5	14	2

(Continued)

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

Hanford Site 2005

Absence Data

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

Diagnostic Category		Men			
		Job Category			TOTAL
		Security and Fire	Crafts	Line Operators	
ICD-9-CM Code					
-Dis of Pulmonary Circulation	415-417	0	1	1	3
-Other Heart Dis	420-429	0	1	7	20
-Cerebrovascular Dis	430-438	0	0	2	4
-Dis of Arteries & Capillaries	440-448	1	1	0	3
-Dis of Veins, Lymphatics, Other	451-459	2	1	4	12
RESPIRATORY SYSTEM	460-519	7	28	23	122
-Acute Respiratory Infections	460-466	3	7	5	38
-Other Dis Upper Respiratory Tract	470-478	0	1	3	14
-Pneumonia & Influenza	480-487	1	7	9	36
-Chronic Obstructive Dis	490-496	3	8	5	28
-Lung Dis from External Agents	500-508	0	3	1	4
-Other Respiratory Dis	510-519	0	2	0	2
DIGESTIVE SYSTEM	520-579	4	6	7	58
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	2
-Esophagus, Stomach, Duodenum	530-537	0	1	3	11
-Hernia	550-553	1	2	3	16
-Enteritis, Colitis	555-558	0	0	0	4
-Other Intestinal Dis	560-569	3	1	1	11
-Other Digestive Dis	570-579	0	2	0	14
GENTOURINARY SYSTEM	580-629	6	2	7	33
-Nephritis, Nephrosis	580-589	1	0	0	1
-Other Urinary Dis	590-599	3	2	6	23
-Male Genital Organ Dis	600-608	2	0	1	9
SKIN & SUBCUTANEOUS TISSUE	680-709	2	7	5	46
-Infections	680-686	1	1	2	13
-Other Inflammatory Conditions	690-698	0	0	1	6
-Other	700-709	1	6	2	27
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	19	46	49	206
-Arthropathies	710-719	6	24	15	71
-Dorsopathies	720-724	5	11	28	89
-Rheumatism, Excluding Back	725-729	7	11	3	40
-Other Dis & Acquired Deformities	730-739	1	0	3	6
CONGENITAL ANOMALIES	740-759	0	0	1	3
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	8	24	24	113
-Symptoms	780-789	5	19	22	87

(Continued)

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

Hanford Site 2005

Absence Data

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

		Men			
		Job Category			
		Professional	Administrative Support	Technical Support	Service
Diagnostic Category	ICD-9-CM Code				
-Non-Specific Abnormal Findings	790-796	6	0	4	4
-Ill-Defined & Unknown Causes	797-799	2	0	0	0
INJURY & POISONING	800-999	28	11	37	21
-Fracture - Neck, Trunk	805-809	1	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0
-Dislocation	830-839	0	0	0	1
-Sprains & Strains - Back	846-847	3	2	4	4
-Sprains & Strains - Other	840-845, 848	11	1	16	9
-Intracranial Injury	850-854	1	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1
-Open Wound - Upper Limb	880-887	1	0	0	0
-Late Effects of Accident	905-909	2	0	1	0
-Superficial Injury	910-919	1	2	3	0
-Contusion	920-924	1	2	3	4
-Burns	940-949	0	0	0	0
-Complications & Unspecified Injuries	958-959	1	0	1	0
-Poisoning - Medicinal/Biological	960-979	1	0	1	1
-Toxic Effects - Non-medicinal	980-989	1	2	5	1
-Unspecified Effects - External Causes	990-995	0	0	2	0
-Complications of Surgical/Medical Care	996-999	4	2	1	0
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	189	32	75	40
-Communicable Dis	V01-V06	0	0	0	1
-Isolation & Prophylactic Measures	V07-V09	0	0	1	0
-Personal & Family History	V10-V19	3	0	0	1
-Health Services Reproduction/Development	V20-V29	0	0	0	0
-Health Status	V40-V49	165	29	65	33
-Specific Procedures/Aftercare	V50-V59	12	1	5	2
-Other Circumstances	V60-V69	6	2	2	2
-Examination & Investigation	V70-V82	3	0	2	1

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

Hanford Site 2005

Absence Data

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

		Men			
		Job Category			TOTAL
		Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code				
-Non-Specific Abnormal Findings	790-796	3	5	2	24
-Ill-Defined & Unknown Causes	797-799	0	0	0	2
INJURY & POISONING	800-999	11	51	51	210
-Fracture - Neck, Trunk	805-809	0	0	0	1
-Fracture - Upper Limb	810-819	0	2	0	2
-Dislocation	830-839	0	6	6	13
-Sprains & Strains - Back	846-847	2	5	8	28
-Sprains & Strains - Other	840-845, 848	5	5	14	61
-Intracranial Injury	850-854	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	2	4	1	8
-Open Wound - Upper Limb	880-887	0	5	4	10
-Late Effects of Accident	905-909	0	2	0	5
-Superficial Injury	910-919	0	3	0	9
-Contusion	920-924	1	8	3	22
-Burns	940-949	0	0	2	2
-Complications & Unspecified Injuries	958-959	0	1	2	5
-Poisoning - Medicinal/Biological	960-979	0	0	0	3
-Toxic Effects - Non-medicinal	980-989	1	7	9	26
-Unspecified Effects - External Causes	990-995	0	1	0	3
-Complications of Surgical/Medical Care	996-999	0	2	2	11
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	33	106	89	564
-Communicable Dis	V01-V06	2	1	1	5
-Isolation & Prophylactic Measures	V07-V09	0	1	0	2
-Personal & Family History	V10-V19	0	1	1	6
-Health Services Reproduction/Development	V20-V29	0	1	0	1
-Health Status	V40-V49	27	90	70	479
-Specific Procedures/Aftercare	V50-V59	0	4	11	35
-Other Circumstances	V60-V69	4	7	3	26
-Examination & Investigation	V70-V82	0	1	3	10

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

Hanford Site 2005

Absence Data

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

	Men							
	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category								
Total	438	79	271	128	103	341	339	1,699

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

Hanford Site 2005

Absence Data

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

		Women		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	25	13	32
MALIGNANT NEOPLASMS	140-208, 230-234	445	250	46
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	168	103	19
ENDOCRINE/METABOLIC/IMMUNITY	240-279	122	63	38
BLOOD & BLOOD-FORMING ORGANS	280-289	0	25	25
MENTAL DISORDERS	290-319	340	517	278
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	408	341	654
CIRCULATORY SYSTEM	390-459	501	368	218
RESPIRATORY SYSTEM	460-519	261	421	244
DIGESTIVE SYSTEM	520-579	241	320	102
GENITOURINARY SYSTEM	580-629	153	182	3
PREGNANCY & CHILDBIRTH	630-677	0	0	0
SKIN & SUBCUTANEOUS TISSUE	680-709	4	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	358	987	874
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	64	295	66
INJURY & POISONING	800-999	210	285	476

*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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Absence Data

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

		Women				
		Job Category				TOTAL
		Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	24	0	0	0	94
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	741
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	46	0	57	393
ENDOCRINE/METABOLIC/IMMUNITY	240-279	59	0	0	0	282
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	50
MENTAL DISORDERS	290-319	0	0	0	216	1,351
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	182	74	0	108	1,767
CIRCULATORY SYSTEM	390-459	71	13	0	86	1,257
RESPIRATORY SYSTEM	460-519	48	6	0	56	1,036
DIGESTIVE SYSTEM	520-579	36	0	0	6	705
GENITOURINARY SYSTEM	580-629	0	7	0	144	489
PREGNANCY & CHILDBIRTH	630-677	5	0	0	0	5
SKIN & SUBCUTANEOUS TISSUE	680-709	73	0	0	4	81
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	420	83	252	499	3,473
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	50	475
INJURY & POISONING	800-999	341	0	22	561	1,895

*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.

Hanford Site 2005

Absence Data

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

		Men		
		Job Category		
		Professional	Administrative Support	Technical Support
Diagnostic Category	ICD-9-CM Code			
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	43	0	97
MALIGNANT NEOPLASMS	140-208, 230-234	1,887	33	433
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	9	10	11
ENDOCRINE/METABOLIC/IMMUNITY	240-279	230	0	97
BLOOD & BLOOD-FORMING ORGANS	280-289	41	0	0
MENTAL DISORDERS	290-319	219	200	178
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	165	219	264
CIRCULATORY SYSTEM	390-459	662	104	399
RESPIRATORY SYSTEM	460-519	257	51	312
DIGESTIVE SYSTEM	520-579	316	38	368
GENITOURINARY SYSTEM	580-629	66	2	106
SKIN & SUBCUTANEOUS TISSUE	680-709	172	3	80
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1,416	257	465
CONGENITAL ANOMALIES	740-759	16	0	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	496	97	188
INJURY & POISONING	800-999	652	150	800

*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.

Hanford Site 2005

Absence Data

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

		Men					TOTAL
		Job Category					
		Service	Security and Fire	Crafts	Line Operators		
Diagnostic Category	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	83	28	212	283	746	
MALIGNANT NEOPLASMS	140-208, 230-234	0	345	429	190	3,317	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	120	51	10	211	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	6	5	98	245	681	
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	5	46	
MENTAL DISORDERS	290-319	198	0	415	821	2,031	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	241	20	657	493	2,059	
CIRCULATORY SYSTEM	390-459	364	163	575	1,505	3,772	
RESPIRATORY SYSTEM	460-519	108	58	423	553	1,762	
DIGESTIVE SYSTEM	520-579	71	166	82	184	1,225	
GENITOURINARY SYSTEM	580-629	18	107	35	161	495	
SKIN & SUBCUTANEOUS TISSUE	680-709	17	6	20	79	377	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1,140	2,027	1,760	1,407	8,472	
CONGENITAL ANOMALIES	740-759	0	0	0	180	196	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	134	184	395	1,145	2,639	
INJURY & POISONING	800-999	822	184	1,768	1,300	5,676	

*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.

Hanford Site 2005

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates 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/Parasites	001-139	23	2.5	1.5	4.1
Cancer	140-208, 230-234	42	2.8	2.0	3.8
-Lip, Oral Cavity, Pharynx	140-149	3	0.2	0.0	0.5
-Digestive Organs	150-159	3	0.2	0.1	0.8
-Respiratory System	160-165	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	7	0.5	0.2	1.1
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	12	0.8	0.4	1.4
-Other & Unspecified Sites	190, 193-199	5	0.3	0.1	0.8
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	12	0.8	0.4	1.4
-Carcinoma in situ	230-234	0	0	0	0
Benign Growths	210-229, 235-239	17	1.3	0.8	2.2
Endocrine/Metabolic	240-279	30	2.2	1.5	3.2
-Other Endocrine Glands	250-259	17	1.2	0.7	2.0
Blood	280-289	4	0.2	0.1	0.6
Mental	290-319	55	6.1	4.3	8.6
-Non-Psychotic Conditions	300-302, 306-316	44	4.6	3.1	6.7
Nervous System	320-389	67	6.1	4.4	8.4
-Disorders of Peripheral NS	350-359	24	1.6	1.1	2.5
Heart/Circulatory	390-459	106	9.1	7.3	11.4
-Hypertensive Disease	401-405	35	2.9	2.0	4.2
-Ischemic Heart Disease	410-414	29	2.2	1.5	3.3
Respiratory	460-519	122	11.7	9.3	14.7
-Chronic Obstructive Diseases	490-496	28	2.1	1.4	3.2
-Lung Disease from External Agents	500-508	4	0.2	0.1	0.5
Digestive	520-579	58	5.8	4.2	7.9
-Hernias	550-553	16	1.5	0.8	2.6
Genitourinary	580-629	33	3.7	2.4	5.8
-Nephritis, Nephrosis	580-589	1	0.2	0.0	1.3
Miscarriage**	630-677	0	0	0	0
Skin	680-709	46	3.5	2.6	4.9
Musculoskeletal	710-739	206	20.1	16.8	24.1
-Arthropathies	710-719	71	5.4	4.2	7.1
-Dorsopathies	720-724	89	10.2	7.7	13.4
-Rheumatism, Excluding Back	725-729	40	3.9	2.5	5.9
Congenital Anomalies	740-759	3	0.2	0.1	0.6

*Standardized to age distribution of 2000 U.S. population.

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

Hanford Site 2005

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category

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
Unspecified Symptoms	780-799	113	10.0	8.0	12.4
Injury	800-999	210	20.6	17.4	24.6
-Fractures - Skull, Neck, Trunk	800-809	1	0.1	0.0	0.4
-Fractures - Upper Limb	810-819	2	0.3	0.1	1.2
-Fractures - Lower Limb	820-829	0	0	0	0
-Dislocations	830-839	13	1.8	0.9	3.6
-Back Sprains & Strains	846-847	28	3.1	1.8	5.1
-Other Sprains & Strains	840-845, 848	61	6.1	4.5	8.3
-Open Wounds	870-887, 890-897	18	1.8	0.9	3.4
-Burns	940-949	2	0.1	0.0	0.4
-Adverse Reactions to Nonmedical Substances	980-989	26	1.9	1.2	2.8
-Adverse Reactions to External Causes	990-995	3	0.2	0.1	0.7
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		1135	105.9	98.3	114.0

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/Parasites	001-139	9	1.7	0.9	3.6
Cancer	140-208, 230-234	8	1.7	0.8	3.9
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0
-Digestive Organs	150-159	2	0.3	0.1	1.2
-Respiratory System	160-165	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0
-Breast	174-175	3	0.7	0.2	2.7
-Genitourinary	179-189	1	0.4	0.1	3.1
-Other & Unspecified Sites	190, 193-199	2	0.3	0.1	1.2
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
-Carcinoma in situ	230-234	0	0	0	0
Benign Growths	210-229, 235-239	12	2.6	1.4	4.7
Endocrine/Metabolic	240-279	11	1.9	1.1	3.6
-Other Endocrine Glands	250-259	3	0.5	0.2	1.5
Blood	280-289	2	0.6	0.1	2.8
Mental	290-319	24	4.9	3.2	7.4
-Non-Psychotic Conditions	300-302, 306-316	19	4.0	2.5	6.3
Nervous System	320-389	31	6.6	4.5	9.7

*Standardized to age distribution of 2000 U.S. population.

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

Hanford Site 2005

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category

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
-Disorders of Peripheral NS	350-359	24	5.3	3.4	8.2
Heart/Circulatory	390-459	24	4.3	2.8	6.6
-Hypertensive Disease	401-405	8	1.4	0.7	2.9
-Ischemic Heart Disease	410-414	3	0.4	0.1	1.4
Respiratory	460-519	64	15.9	12.1	21.0
-Chronic Obstructive Diseases	490-496	20	4.7	2.9	7.8
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	24	5.3	3.4	8.2
-Hernias	550-553	3	0.6	0.2	2.0
Genitourinary	580-629	24	5.6	3.6	8.7
-Nephritis, Nephrosis	580-589	0	0	0	0
Miscarriage**	630-677	1	0.3	0.0	2.1
Skin	680-709	4	0.7	0.2	1.8
Musculoskeletal	710-739	84	16.9	13.4	21.4
-Arthropathies	710-719	22	4.1	2.6	6.4
-Dorsopathies	720-724	34	7.5	5.1	10.8
-Rheumatism, Excluding Back	725-729	25	4.9	3.2	7.4
Congenital Anomalies	740-759	0	0	0	0
Unspecified Symptoms	780-799	22	5.4	3.4	8.7
Injury	800-999	63	14.9	11.4	19.5
-Fractures - Skull, Neck, Trunk	800-809	0	0	0	0
-Fractures - Upper Limb	810-819	0	0	0	0
-Fractures - Lower Limb	820-829	0	0	0	0
-Dislocations	830-839	1	0.2	0.0	1.3
-Back Sprains & Strains	846-847	11	3.0	1.5	5.9
-Other Sprains & Strains	840-845, 848	18	4.1	2.5	6.7
-Open Wounds	870-887, 890-897	5	1.2	0.5	3.1
-Burns	940-949	0	0	0	0
-Adverse Reactions to Nonmedical Substances	980-989	4	0.8	0.3	2.3
-Adverse Reactions to External Causes	990-995	1	0.2	0.0	1.3
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		407	89.5	80.4	99.6

*Standardized to age distribution of 2000 U.S. population.

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

Hanford Site 2005

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates 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/Parasites	001-139	32	2.1	1.4	3.2
Cancer	140-208, 230-234	50	2.5	1.9	3.4
-Lip, Oral Cavity, Pharynx	140-149	3	0.1	0.0	0.4
-Digestive Organs	150-159	5	0.3	0.1	0.7
-Respiratory System	160-165	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	7	0.4	0.2	0.8
-Breast	174-175	3	0.2	0.0	0.6
-Genitourinary	179-189	13	0.7	0.4	1.2
-Other & Unspecified Sites	190, 193-199	7	0.3	0.1	0.7
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	12	0.6	0.3	1.1
-Carcinoma in situ	230-234	0	0	0	0
Benign Growths	210-229, 235-239	29	1.8	1.2	2.7
Endocrine/Metabolic	240-279	41	2.1	1.5	3.0
-Other Endocrine Glands	250-259	20	1.0	0.6	1.6
Blood	280-289	6	0.3	0.1	0.8
Mental	290-319	79	5.6	4.3	7.3
-Non-Psychotic Conditions	300-302, 306-316	63	4.4	3.3	5.9
Nervous System	320-389	98	6.2	4.9	7.8
-Disorders of Peripheral NS	350-359	48	2.8	2.0	3.7
Heart/Circulatory	390-459	130	7.8	6.4	9.5
-Hypertensive Disease	401-405	43	2.5	1.8	3.5
-Ischemic Heart Disease	410-414	32	1.8	1.2	2.6
Respiratory	460-519	186	13.1	11.0	15.5
-Chronic Obstructive Diseases	490-496	48	3.0	2.1	4.2
-Lung Disease from External Agents	500-508	4	0.2	0.1	0.4
Digestive	520-579	82	5.6	4.4	7.2
-Hernias	550-553	19	1.2	0.7	2.0
Genitourinary	580-629	57	4.3	3.2	5.9
-Nephritis, Nephrosis	580-589	1	0.1	0.0	0.8
Miscarriage**	630-677	1	0.1	0.0	0.8
Skin	680-709	50	2.7	2.0	3.6
Musculoskeletal	710-739	290	18.7	16.3	21.5
-Arthropathies	710-719	93	4.9	4.0	6.2
-Dorsopathies	720-724	123	9.2	7.3	11.4
-Rheumatism, Excluding Back	725-729	65	4.1	3.0	5.4
Congenital Anomalies	740-759	3	0.1	0.0	0.4

*Standardized to age distribution of 2000 U.S. population.

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

Hanford Site 2005

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category

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
Unspecified Symptoms	780-799	135	8.6	7.1	10.4
Injury	800-999	273	18.6	16.1	21.4
-Fractures - Skull, Neck, Trunk	800-809	1	0.0	0.0	0.3
-Fractures - Upper Limb	810-819	2	0.2	0.0	0.7
-Fractures - Lower Limb	820-829	0	0	0	0
-Dislocations	830-839	14	1.2	0.7	2.3
-Back Sprains & Strains	846-847	39	3.1	2.1	4.6
-Other Sprains & Strains	840-845, 848	79	5.3	4.2	6.8
-Open Wounds	870-887, 890-897	23	1.6	1.0	2.7
-Burns	940-949	2	0.1	0.0	0.3
-Adverse Reactions to Nonmedical Substances	980-989	30	1.6	1.1	2.3
-Adverse Reactions to External Causes	990-995	4	0.2	0.1	0.5
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		1542	100.3	94.5	106.4

*Standardized to age distribution of 2000 U.S. population.

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

Hanford Site 2005
OSHA Data

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

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 +		
Professional	2	1	1	1	5	0	2	3	1	6	11
Administrative Support	0	0	1	3	4	0	0	0	0	0	4
Technical Support	1	0	2	1	4	1	0	3	2	6	10
Service	0	0	0	0	0	0	1	3	6	10	10
Security and Fire	0	0	0	1	1	0	1	3	0	4	5
Crafts	0	0	0	0	0	1	4	3	6	14	14
Line Operators	0	0	0	1	1	0	5	3	3	11	12
TOTAL	3	1	4	7	15	2	13	18	18	51	66

*Only those job categories and gender/age combinations with at least one OSHA event appear in this table.

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

Age Group	Women			Men			TOTAL		
	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost
16 - 29	3	0	0	2	5	0	5	5	0
30 - 39	1	0	0	13	271	0	14	271	0
40 - 49	4	56	8	18	109	442	22	165	450
50 +	7	72	70	19	244	513	26	316	583
TOTAL	15	128	78	52	629	955	67	757	1033

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

Job Category	Women			Men			Total		
	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost
Professional	5	71	0	6	0	0	11	71	0
Administrative Support	4	57	0	0	0	0	4	57	0
Technical Support	4	0	8	6	106	0	10	106	8
Service	0	0	0	10	220	122	10	220	122
Security and Fire	1	0	70	4	187	263	5	187	333
Crafts	0	0	0	15	60	341	15	60	341
Line Operators	1	0	0	11	56	229	12	56	229
Total	15	128	78	52	629	955	67	757	1033

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

Hanford Site 2005

OSHA Data

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

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM code					
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	1	1
-Disorders of Peripheral NS	350-359	0	0	0	1	1
-Disorders of Eye	360-379	0	0	0	0	0
DIGESTIVE SYSTEM	520-579	0	0	0	0	0
-Hernia	550-553	0	0	0	0	0
GENITOURINARY SYSTEM	580-629	0	0	0	0	0
-Male Genital Organ Dis	600-608	0	0	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	0	5	7	13
-Arthropathies	710-719	0	0	2	4	6
-Dorsopathies	720-724	0	0	2	0	2
-Rheumatism, Excluding Back	725-729	1	0	1	3	5
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	1	1
-Symptoms	780-789	0	0	0	1	1
INJURY & POISONING	800-999	3	1	1	5	10
-Fracture - Neck, Trunk	805-809	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	1	1
-Fracture - Lower Limb	820-829	0	0	0	0	0
-Dislocation	830-839	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	1	1
-Sprains & Strains - Other	840-845, 848	1	0	0	1	2
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	1	0	1	2
-Contusion	920-924	1	0	0	1	2
-Foreign Body Entering Orifice	930-939	0	0	0	0	0
-Burns	940-949	1	0	0	0	1
-Complications & Unspecified Injuries	958-959	0	0	0	0	0
-Toxic Effects - Non-medicinal	980-989	0	0	1	0	1

*Only those diagnostic categories and gender/age combinations with at least one OSHA event appear in this table.

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OSHA Data

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

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM code							
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	1	0	1	2	
-Disorders of Peripheral NS	350-359	0	0	0	0	0	1	
-Disorders of Eye	360-379	0	0	1	0	1	1	
DIGESTIVE SYSTEM	520-579	0	0	1	0	1	1	
-Hernia	550-553	0	0	1	0	1	1	
GENITOURINARY SYSTEM	580-629	0	0	1	0	1	1	
-Male Genital Organ Dis	600-608	0	0	1	0	1	1	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	2	4	8	13	27	40	
-Arthropathies	710-719	0	1	3	8	12	18	
-Dorsopathies	720-724	1	3	4	1	9	11	
-Rheumatism, Excluding Back	725-729	1	0	1	4	6	11	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	1	1	2	3	
-Symptoms	780-789	0	0	1	1	2	3	
INJURY & POISONING	800-999	1	12	11	16	40	50	
-Fracture - Neck, Trunk	805-809	0	0	0	1	1	1	
-Fracture - Upper Limb	810-819	0	1	0	0	1	2	
-Fracture - Lower Limb	820-829	0	0	1	1	2	2	
-Dislocation	830-839	0	1	1	0	2	2	
-Sprains & Strains - Back	846-847	0	0	3	0	3	4	
-Sprains & Strains - Other	840-845, 848	0	1	1	3	5	7	
-Open Wound - Head, Neck, Trunk	870-879	0	3	1	4	8	8	
-Open Wound - Upper Limb	880-887	0	2	1	2	5	7	
-Contusion	920-924	0	0	0	1	1	3	
-Foreign Body Entering Orifice	930-939	0	1	1	2	4	4	
-Burns	940-949	1	0	0	0	1	2	
-Complications & Unspecified Injuries	958-959	0	3	2	2	7	7	
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	1	

Diagnostic Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Total	4	1	6	14	25	3	16	23	30	72	97

*Only those diagnostic categories and gender/age combinations with at least one OSHA event appear in this table.

Hanford Site 2005

OSHA Data

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	70
-Arthropathies	710-719	0	0	0	0	56	0	0	70
-Dorsopathies	720-724	0	0	0	0	56	8	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	8	0	70
-Symptoms	780-789	0	0	0	0	0	0	0	70
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	71	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	1	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0	1	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0
-Burns	940-949	0	0	0	0	0	0	0	0
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	0	0	0

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Disorders of Eye	360-379	0	0	0	0	3	0	0	0
-Hernia	550-553	0	0	0	0	0	0	0	0
-Male Genital Organ Dis	600-608	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	0	180	60	341
-Dorsopathies	720-724	0	0	136	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	18	50
-Symptoms	780-789	0	0	0	0	0	0	101	0
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	0	0	122
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	179	0	0
-Dislocation	830-839	0	0	112	0	75	83	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	1	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	23	0	30	0	30	50
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	12	0

(Continued)

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

Hanford Site 2005

OSHA Data

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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Contusion	920-924	0	0	0	0	0	0	0	122
-Foreign Body Entering Orifice	930-939	0	0	0	0	3	0	0	0
-Burns	940-949	5	0	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0	41	0

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

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OSHA Data

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

		Women					Men					TOTAL
		Age Group				TOTAL	Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Type of Accident	E Codes											
Place = Home	E8490	0	0	0	0	0	0	0	1	0	1	1
Falls	E880-E888	1	0	0	1	2	1	2	3	2	8	10
Natural/Environmental Factors	E900-E909	0	0	1	0	1	0	0	0	0	0	1
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0	1	1	2	4	4
Other Accidents	E916-E928	2	1	3	6	12	1	10	14	15	40	52

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

Appendix R. 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 Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Falls	E880-E888	0	0	0	0	0	0	71	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	0	0	56	8	1	70

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Place = Home	E8490	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	112	0	0	179	41	122
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	3	0	0	0
Other Accidents	E916-E928	5	0	159	0	106	263	203	391

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

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OSHA Data

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

		Women					
		Job Category					TOTAL
		Professional	Administrative Support	Technical Support	Security and Fire	Line Operators	
Diagnostic Category	ICD-9-CM Code						
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	1	0	1
-Disorders of Peripheral NS	350-359	0	0	0	1	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	2	7	2	2	0	13
-Arthropathies	710-719	1	4	0	1	0	6
-Dorsopathies	720-724	0	1	1	0	0	2
-Rheumatism, Excluding Back	725-729	1	2	1	1	0	5
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	0	0	1	0	1
-Symptoms	780-789	0	0	0	1	0	1
INJURY & POISONING	800-999	4	2	3	0	1	10
-Fracture - Upper Limb	810-819	1	0	0	0	0	1
-Sprains & Strains - Back	846-847	0	1	0	0	0	1
-Sprains & Strains - Other	840-845, 848	0	1	1	0	0	2
-Open Wound - Upper Limb	880-887	1	0	1	0	0	2
-Contusion	920-924	1	0	0	0	1	2
-Burns	940-949	1	0	0	0	0	1
-Toxic Effects - Non-medicinal	980-989	0	0	1	0	0	1

	Women					
	Job Category					TOTAL
	Professional	Administrative Support	Technical Support	Security and Fire	Line Operators	
Diagnostic Category						
Total	6	9	5	4	1	25

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

Diagnostic Category		Men						TOTAL
		Job Category						
		Professional	Technical Support	Service	Security and Fire	Crafts	Line Operators	
	ICD-9-CM Code							
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	0	0	1	1
-Disorders of Eye	360-379	0	0	0	0	0	1	1
DIGESTIVE SYSTEM	520-579	0	0	0	0	0	1	1
-Hernia	550-553	0	0	0	0	0	1	1
GENITOURINARY SYSTEM	580-629	0	0	0	0	0	1	1
-Male Genital Organ Dis	600-608	0	0	0	0	0	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	3	4	3	1	13	3	27
-Arthropathies	710-719	0	2	2	1	6	1	12
-Dorsopathies	720-724	2	1	1	0	5	0	9
-Rheumatism, Excluding Back	725-729	1	1	0	0	2	2	6
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	1	0	0	0	1	2
-Symptoms	780-789	0	1	0	0	0	1	2
INJURY & POISONING	800-999	5	3	12	3	8	9	40
-Fracture - Neck, Trunk	805-809	0	0	1	0	0	0	1
-Fracture - Upper Limb	810-819	0	0	0	0	0	1	1
-Fracture - Lower Limb	820-829	0	0	1	0	0	1	2
-Dislocation	830-839	0	0	0	2	0	0	2
-Sprains & Strains - Back	846-847	1	1	1	0	0	0	3
-Sprains & Strains - Other	840-845, 848	0	0	1	0	1	3	5
-Open Wound - Head, Neck, Trunk	870-879	2	0	4	1	0	1	8
-Open Wound - Upper Limb	880-887	1	1	1	0	0	2	5
-Contusion	920-924	0	0	1	0	0	0	1
-Foreign Body Entering Orifice	930-939	0	0	0	0	3	1	4
-Burns	940-949	0	1	0	0	0	0	1
-Complications & Unspecified Injuries	958-959	1	0	2	0	4	0	7

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

	Men						
	Job Category						TOTAL
	Professional	Technical Support	Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category							
Total	8	8	15	4	21	16	72

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

		Women									
		Job Category									
		Professional		Administrative Support		Technical Support		Security and Fire		Line Operators	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes										
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	70	0	0
-Arthropathies	710-719	0	0	56	0	0	0	0	70	0	0
-Dorsopathies	720-724	0	0	56	0	0	8	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	8	0	70	0	0
-Symptoms	780-789	0	0	0	0	0	0	0	70	0	0
-Fracture - Upper Limb	810-819	71	0	0	0	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	1	0	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	1	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0	0	0
-Burns	940-949	0	0	0	0	0	0	0	0	0	0
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0	0	0	0	0	0

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

		Men					
		Job Category					
		Professional		Technical Support		Service	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Eye	360-379	0	0	0	0	0	0
-Hernia	550-553	0	0	0	0	0	0
-Male Genital Organ Dis	600-608	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	0	0
-Dorsopathies	720-724	0	0	0	0	136	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0
-Symptoms	780-789	0	0	101	0	0	0
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	122
-Fracture - Upper Limb	810-819	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0
-Dislocation	830-839	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	1	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	30	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	12	0
-Contusion	920-924	0	0	0	0	0	122
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0
-Burns	940-949	0	0	5	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	41	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 T. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Job Category*

		Men					
		Job Category					
		Security and Fire		Crafts		Line Operators	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Eye	360-379	0	0	0	0	3	0
-Hernia	550-553	0	0	0	0	0	0
-Male Genital Organ Dis	600-608	0	0	0	0	0	0
-Arthropathies	710-719	0	180	60	341	0	0
-Dorsopathies	720-724	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	18	50
-Symptoms	780-789	0	0	0	0	0	0
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	179
-Dislocation	830-839	187	83	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	53	50
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	3	0
-Burns	940-949	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0

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

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OSHA Data

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

		Women					
		Job Category					TOTAL
		Professional	Administrative Support	Technical Support	Security and Fire	Line Operators	
Type of Accident	E CODES						
Falls	E880-E888	2	0	0	0	0	2
Natural/Environmental Factors	E900-E909	0	0	1	0	0	1
Other Accidents	E916-E928	3	4	3	1	1	12

		Men						
		Job Category						TOTAL
		Professional	Technical Support	Service	Security and Fire	Crafts	Line Operators	
Type of Accident	E CODES							
Place = Home	E8490	1	0	0	0	0	0	1
Falls	E880-E888	0	0	2	2	2	2	8
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	3	1	4
Other Accidents	E916-E928	6	6	8	2	10	8	40

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

		Women									
		Job Category									
		Professional		Administrative Support		Technical Support		Security and Fire		Line Operators	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes										
Falls	E880-E888	71	0	0	0	0	0	0	0	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	57	0	0	8	0	70	0	0

		Men					
		Job Category					
		Professional		Technical Support		Service	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Place = Home	E8490	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	41	122
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	106	0	179	0

		Men					
		Job Category					
		Security and Fire		Crafts		Line Operators	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Place = Home	E8490	0	0	0	0	0	0
Falls	E880-E888	112	0	0	0	0	179
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	3	0
Other Accidents	E916-E928	75	263	60	341	53	50

*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 W. Age-Adjusted OSHA Illness and Injury Rates 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/Parasites	001-139	0	0	0	0
Cancer	140-208, 230-234	0	0	0	0
Benign Growths	210-229, 235-239	0	0	0	0
Endocrine/Metabolic	240-279	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	0	0	0	0
Nervous System	320-389	1	0.1	0.0	0.6
-Disorders of Peripheral NS	350-359	0	0	0	0
-Disorders of Eye	360-379	1	0.1	0.0	0.6
-Disorders of Ear & Mastoid	380-389	0	0	0	0
Heart/Circulatory	390-459	0	0	0	0
Respiratory	460-519	0	0	0	0
-Chronic Obstructive Diseases	490-496	0	0	0	0
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	1	0.1	0.0	0.6
-Hernias	550-553	1	0.1	0.0	0.6
Genitourinary	580-629	1	0.1	0.0	0.6
Skin	680-709	0	0	0	0
Musculoskeletal	710-739	27	3.0	1.8	5.1
-Arthropathies	710-719	12	0.9	0.5	1.7
-Dorsopathies	720-724	9	1.4	0.6	3.1
-Rheumatism, Excluding Back	725-729	6	0.7	0.2	2.6
Unspecified Symptoms	780-799	2	0.2	0.0	0.8
Injury	800-999	40	4.5	3.1	6.6
-Fractures - Skull, Neck, Trunk	800-809	1	0.1	0.0	0.8
-Fractures - Upper Limb	810-819	1	0.2	0.0	1.3
-Fractures - Lower Limb	820-829	2	0.1	0.0	0.5
-Dislocations	830-839	2	0.3	0.1	1.2
-Back Sprains & Strains	846-847	3	0.2	0.1	0.7
-Other Sprains & Strains	840-845, 848	5	0.4	0.1	1.2
-Open Wounds - Head, Neck, Trunk	870-879	8	0.8	0.4	1.9
-Open Wounds - Upper Limb	880-887	5	0.6	0.2	1.5
-Open Wounds - Lower Limb	890-897	0	0	0	0
-Superficial Injuries	910-919	0	0	0	0
-Bruises	920-924	1	0.1	0.0	0.8
-Foreign Bodies Entering Orifice	930-939	4	0.4	0.1	1.2
-Burns	940-949	1	0.5	0.1	3.2

*Standardized to age distribution of 2000 U.S. population.

Hanford Site 2005

OSHA Data

Appendix W. Age-Adjusted OSHA Illness and Injury Rates by Diagnostic Category

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
-Adverse Reactions to Nonmedical Substances or External Causes	980-995	0	0	0	0
-All Other Injuries	850-854, 860-869, 900-909, 925-929, 950-979, 996-999	7	0.8	0.4	1.9
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		72	8.0	5.9	10.7

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/Parasites	001-139	0	0	0	0
Cancer	140-208, 230-234	0	0	0	0
Benign Growths	210-229, 235-239	0	0	0	0
Endocrine/Metabolic	240-279	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	0	0	0	0
Nervous System	320-389	1	0.1	0.0	1.0
-Disorders of Peripheral NS	350-359	1	0.1	0.0	1.0
-Disorders of Eye	360-379	0	0	0	0
-Disorders of Ear & Mastoid	380-389	0	0	0	0
Heart/Circulatory	390-459	0	0	0	0
Respiratory	460-519	0	0	0	0
-Chronic Obstructive Diseases	490-496	0	0	0	0
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
Genitourinary	580-629	0	0	0	0
Skin	680-709	0	0	0	0
Musculoskeletal	710-739	13	2.5	1.3	4.7
-Arthropathies	710-719	6	0.9	0.4	2.1
-Dorsopathies	720-724	2	0.4	0.1	1.5
-Rheumatism, Excluding Back	725-729	5	1.2	0.4	3.6
Unspecified Symptoms	780-799	1	0.1	0.0	1.0
Injury	800-999	10	3.0	1.4	6.3
-Fractures - Skull, Neck, Trunk	800-809	0	0	0	0
-Fractures - Upper Limb	810-819	1	0.1	0.0	1.0
-Fractures - Lower Limb	820-829	0	0	0	0
-Dislocations	830-839	0	0	0	0

*Standardized to age distribution of 2000 U.S. population.

Hanford Site 2005

OSHA Data

Appendix W. Age-Adjusted OSHA Illness and Injury Rates by Diagnostic Category

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
-Back Sprains & Strains	846-847	1	0.1	0.0	1.0
-Other Sprains & Strains	840-845, 848	2	0.7	0.1	3.7
-Open Wounds - Head, Neck, Trunk	870-879	0	0	0	0
-Open Wounds - Upper Limb	880-887	2	0.4	0.1	1.9
-Open Wounds - Lower Limb	890-897	0	0	0	0
-Superficial Injuries	910-919	0	0	0	0
-Bruises	920-924	2	0.7	0.1	3.7
-Foreign Bodies Entering Orifice	930-939	0	0	0	0
-Burns	940-949	1	0.6	0.1	4.2
-Adverse Reactions to Nonmedical Substances or External Causes	980-995	1	0.2	0.0	1.3
-All Other Injuries	850-854, 860-869, 900-909, 925-929, 950-979, 996-999	0	0	0	0
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		25	5.8	3.6	9.3

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/Parasites	001-139	0	0	0	0
Cancer	140-208, 230-234	0	0	0	0
Benign Growths	210-229, 235-239	0	0	0	0
Endocrine/Metabolic	240-279	0	0	0	0
Blood	280-289	0	0	0	0
Mental	290-319	0	0	0	0
Nervous System	320-389	2	0.1	0.0	0.4
-Disorders of Peripheral NS	350-359	1	0.0	0.0	0.3
-Disorders of Eye	360-379	1	0.1	0.0	0.4
-Disorders of Ear & Mastoid	380-389	0	0	0	0
Heart/Circulatory	390-459	0	0	0	0
Respiratory	460-519	0	0	0	0
-Chronic Obstructive Diseases	490-496	0	0	0	0
-Lung Disease from External Agents	500-508	0	0	0	0
Digestive	520-579	1	0.1	0.0	0.4
-Hernias	550-553	1	0.1	0.0	0.4
Genitourinary	580-629	1	0.1	0.0	0.4
Skin	680-709	0	0	0	0
Musculoskeletal	710-739	40	2.8	1.8	4.1

*Standardized to age distribution of 2000 U.S. population.

Hanford Site 2005

OSHA Data

Appendix W. Age-Adjusted OSHA Illness and Injury Rates by Diagnostic Category

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
-Arthropathies	710-719	18	0.9	0.6	1.5
-Dorsopathies	720-724	11	1.0	0.5	2.0
-Rheumatism, Excluding Back	725-729	11	0.9	0.4	2.1
Unspecified Symptoms	780-799	3	0.2	0.1	0.6
Injury	800-999	50	4.1	2.9	5.8
-Fractures - Skull, Neck, Trunk	800-809	1	0.1	0.0	0.7
-Fractures - Upper Limb	810-819	2	0.2	0.0	0.7
-Fractures - Lower Limb	820-829	2	0.1	0.0	0.4
-Dislocations	830-839	2	0.2	0.0	0.7
-Back Sprains & Strains	846-847	4	0.2	0.1	0.5
-Other Sprains & Strains	840-845, 848	7	0.6	0.2	1.6
-Open Wounds - Head, Neck, Trunk	870-879	8	0.6	0.3	1.2
-Open Wounds - Upper Limb	880-887	7	0.5	0.2	1.2
-Open Wounds - Lower Limb	890-897	0	0	0	0
-Superficial Injuries	910-919	0	0	0	0
-Bruises	920-924	3	0.4	0.1	1.6
-Foreign Bodies Entering Orifice	930-939	4	0.2	0.1	0.7
-Burns	940-949	2	0.5	0.1	2.0
-Adverse Reactions to Nonmedical Substances or External Causes	980-995	1	0.1	0.0	0.4
-All Other Injuries	850-854, 860-869, 900-909, 925-929, 950-979, 996-999	7	0.5	0.2	1.2
Health Status/Health Service Contact	V01-V82	0	0	0	0
Total		97	7.3	5.6	9.3

*Standardized to age distribution of 2000 U.S. population.