

2003

Fernald Environmental Management Project Annual Illness and Injury Surveillance Report



Fernald Environmental Management Project 2003 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/**](http://www.hss.energy.gov/healthsafety/WSHP/epi/surv/)



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The Fernald Environmental Management Project Work Force - 2003

Figure 1. The Work Force by Gender and Age

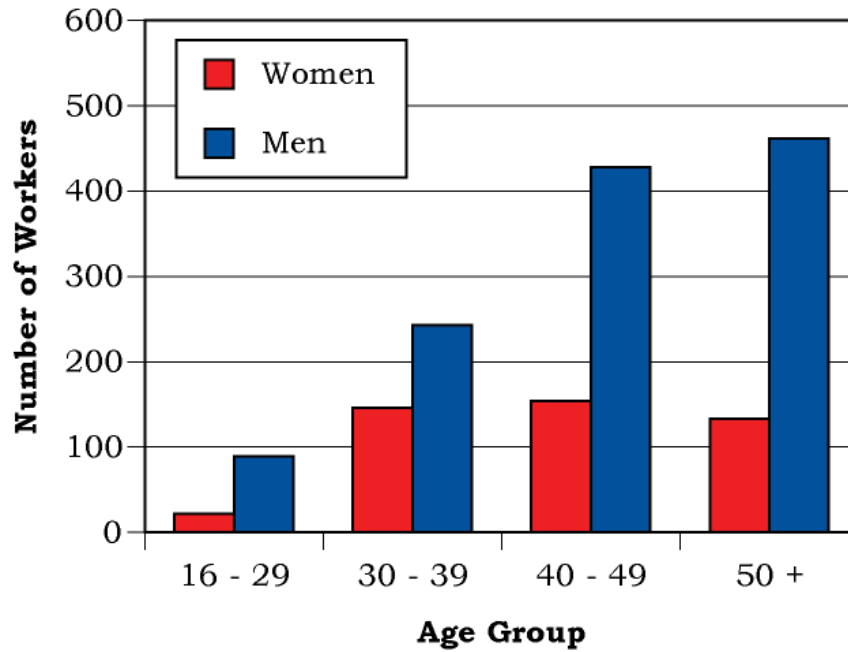


Figure 2. The Work Force by Gender and Job Category

Job Category	Women	Men
Professional	95 21%	360 30%
Administrative Support	161 35%	70 6%
Technical Support	40 9%	124 10%
Service	123 27%	392 32%
Security and Fire	3 1%	29 2%
Crafts	4 1%	138 11%
Line Operators	29 6%	109 9%
Total	455 100%	1,222 100%

Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

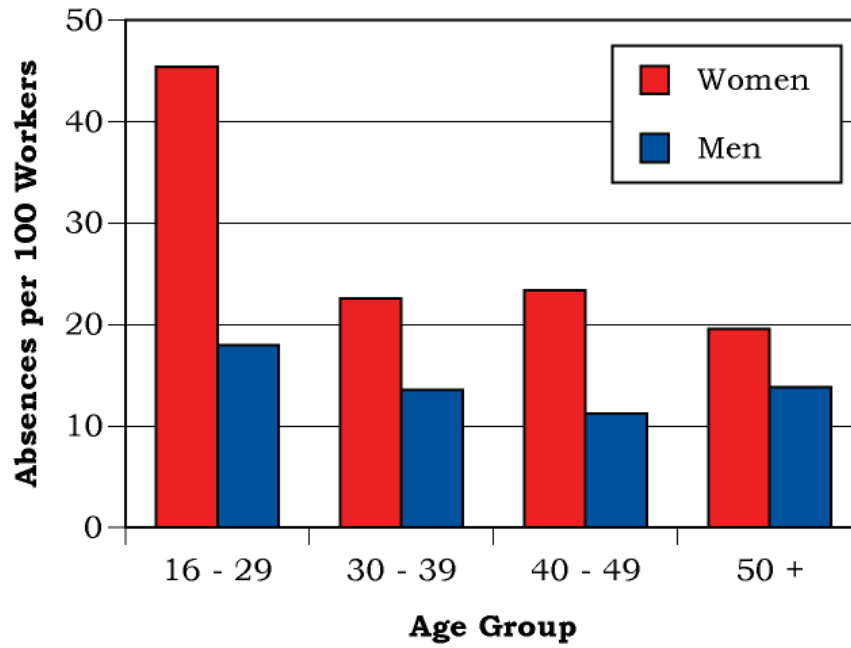


Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women	16-29	10	275	28
	30-39	33	1,434	43
	40-49	36	1,820	51
	50+	26	1,407	54
	Total	105	4,936	47
Men	16-29	16	413	26
	30-39	33	937	28
	40-49	48	2,191	46
	50+	64	3,033	47
	Total	161	6,574	41

Figure 5. Absence Rate by Job Category and Gender

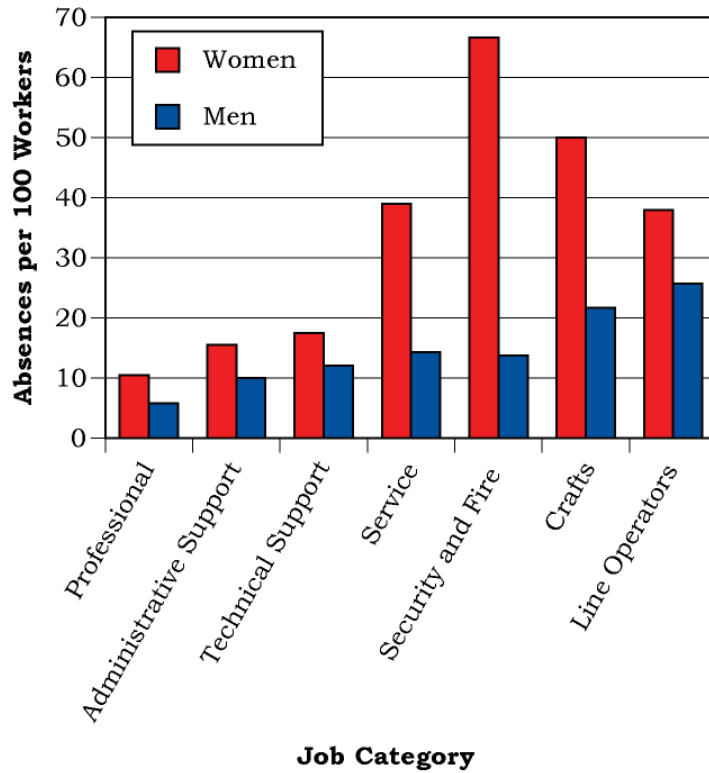
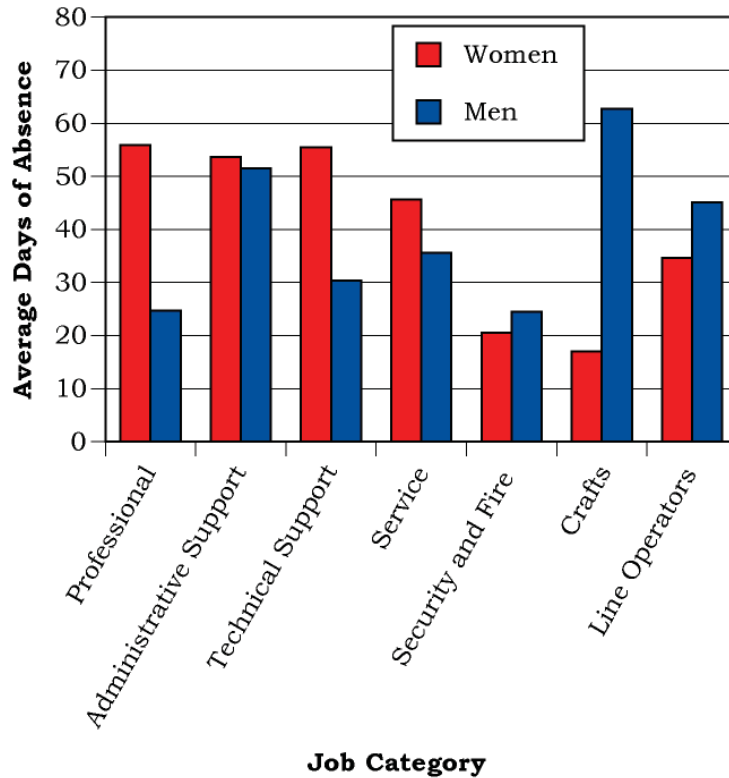


Figure 6. Average Duration of Absence by Job Category and Gender



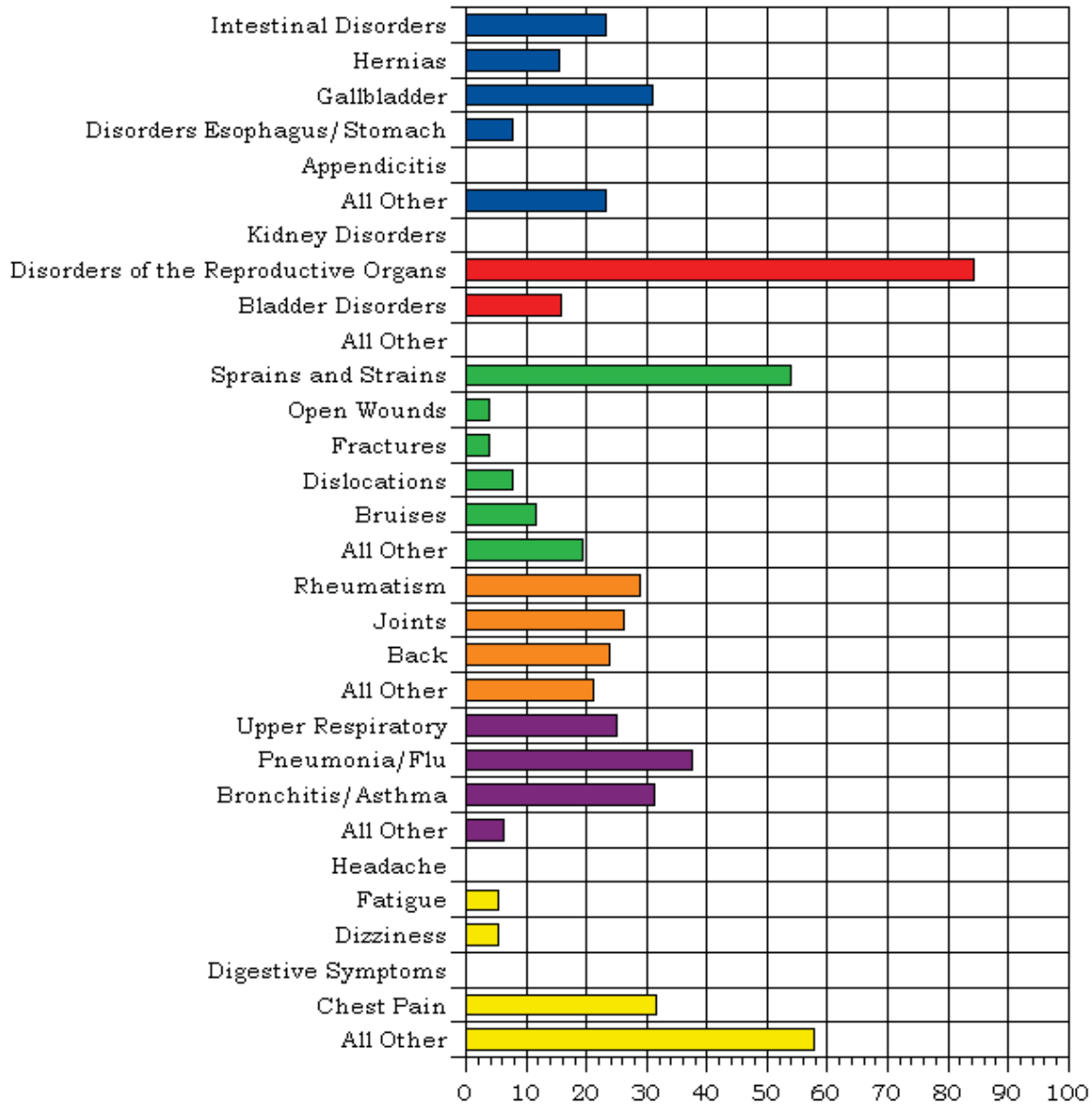
Diagnostic Categories

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	7	292	0	0
Blood	2	77	0	0
Cancer	3	157	2	31
Digestive	13	500	28	734
Endocrine/Metabolic	4	213	6	60
Existing Birth Condition	1	59	2	198
Genitourinary	19	348	11	207
Heart/Circulatory	10	471	23	1,013
Infections/Parasites	3	36	6	166
Injury	26	1,241	46	1,877
Miscarriage	0	0	NA	NA
Musculoskeletal	38	1,627	65	2,862
Nervous System	14	548	11	296
Psychological	16	645	10	230
Respiratory	16	202	22	290
Skin	3	40	7	53
Unspecified Symptoms	19	724	24	630

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

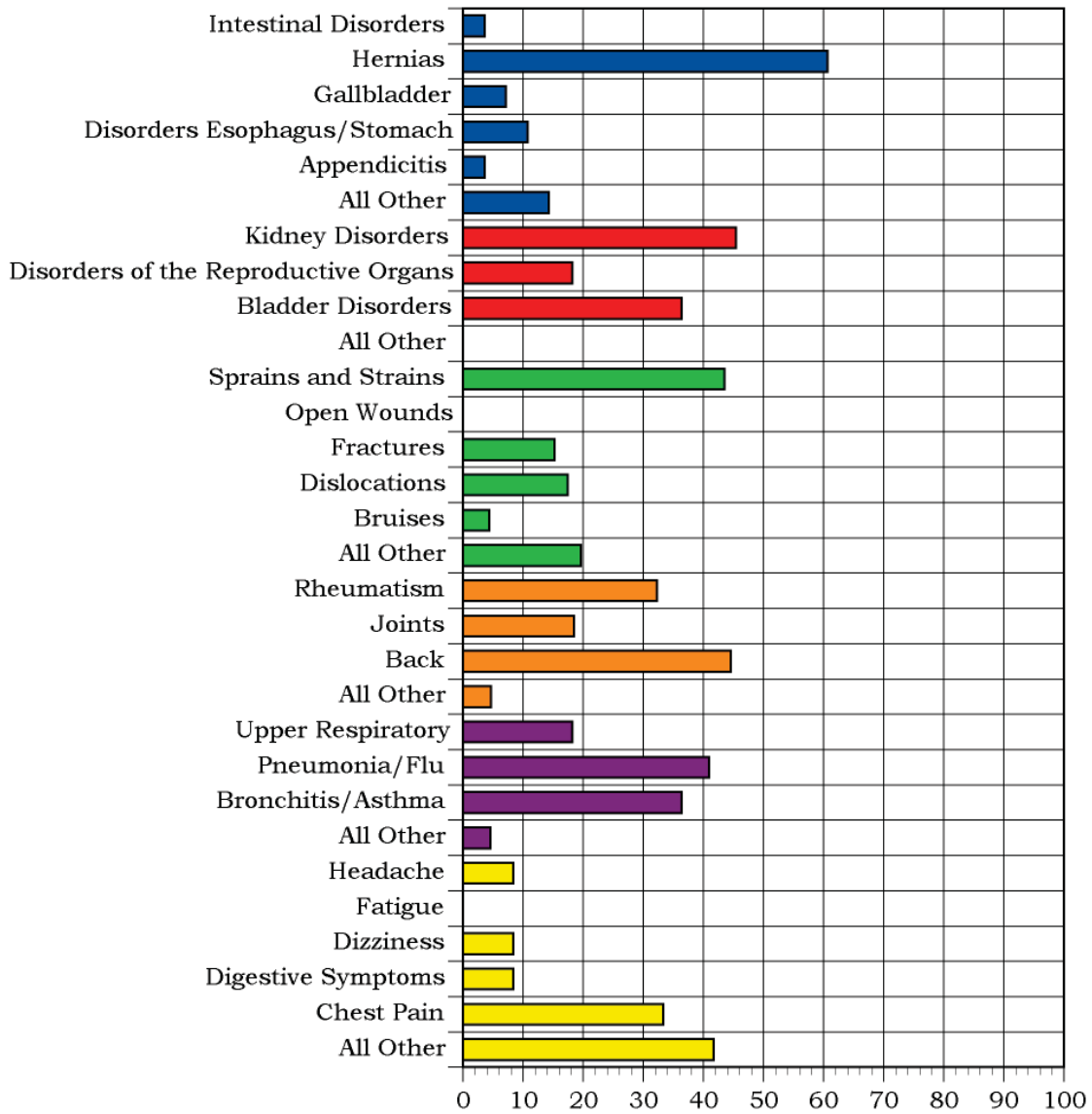
Figure 8. Common Diagnoses Among Female Workers in 2003



Percent Distribution of Diagnoses Within Diagnostic Category



Figure 9. Common Diagnoses Among Male Workers in 2003



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	Injury	7	Musculoskeletal	6
	Musculoskeletal	6	Injury	4
	Digestive	4	Nervous System	3
	Unspecified Symptoms	4		
Administrative Support	Heart/Circulatory	4	Musculoskeletal	15
	Musculoskeletal	3	Unspecified Symptoms	8
	Unspecified Symptoms	3	Injury	6
			Psychological	6
Technical Support	Musculoskeletal	7	Injury	4
	Injury	6	Psychological	3
	Digestive	5	Unspecified Symptoms	3
Service	Musculoskeletal	22	Musculoskeletal	13
	Injury	17	Genitourinary	12
	Unspecified Symptoms	10	Injury	9
			Respiratory	9
Security and Fire	Respiratory	2	Digestive	2
	Cancer	1	Heart/Circulatory	1
	Digestive	1	Psychological	1
	Heart/Circulatory	1		
	Injury	1		
	Musculoskeletal	1		
Crafts	Musculoskeletal	16	Heart/Circulatory	1
	Injury	10	Musculoskeletal	1
	Digestive	6	Respiratory	1
	Nervous System	6		
Line Operators	Musculoskeletal	10	Genitourinary	5
	Genitourinary	8	Injury	3
	Injury	5	Respiratory	3

Rates of Disease Occurrence

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

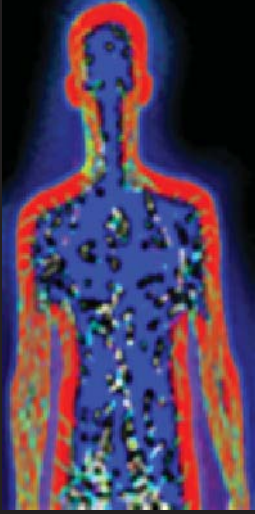
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	62	179
		50+	100	235
	Administrative Support	<50	111	384
		50+	265	306
	Technical Support	<50	280	250
		50+	262	875
	Service	<50	231	716
		50+	226	371
	Security and Fire	<50	118	1,333
		50+	417	0
	Crafts	<50	348	500
		50+	377	1,000
	Line Operators	<50	383	900
		50+	367	333

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

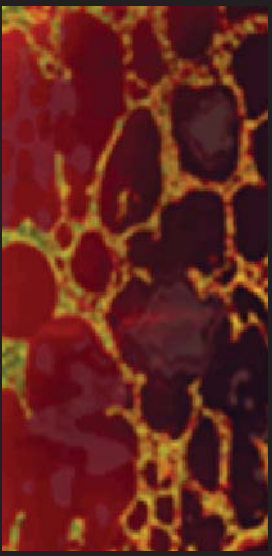
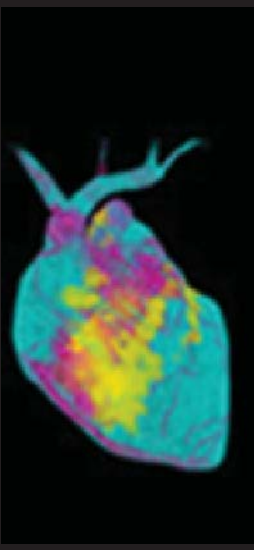
Cancer	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	0	118
	Administrative Support	<50	0	0
		50+	0	16
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	0	0
		50+	0	0
	Security and Fire	<50	0	0
		50+	83	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	20	0

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	0	0
		50+	7	0
	Administrative Support	<50	0	30
		50+	118	32
	Technical Support	<50	49	0
		50+	0	0
	Service	<50	7	11
		50+	47	29
	Security and Fire	<50	0	333
		50+	83	0
	Crafts	<50	14	0
		50+	29	500
	Line Operators	<50	50	50
		50+	0	0



Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	5	0
		50+	0	0
	Administrative Support	<50	0	10
		50+	0	32
	Technical Support	<50	37	0
		50+	0	0
	Service	<50	28	80
		50+	9	57
	Security and Fire	<50	0	0
		50+	167	0
	Crafts	<50	14	0
		50+	43	500
	Line Operators	<50	17	100
		50+	41	111

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	14	51
		50+	27	0
	Administrative Support	<50	0	40
		50+	0	32
	Technical Support	<50	24	94
		50+	95	125
	Service	<50	52	80
		50+	19	57
	Security and Fire	<50	59	0
		50+	0	0
	Crafts	<50	87	0
		50+	58	0
	Line Operators	<50	83	150
		50+	0	0

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 13. Characteristics of SHEOs by Gender

	Total Number of SHEO Diagnoses		Total Number of Days Absent	
	Men	Women	Men	Women
Definite	0	1	0	67
Possible	4	5	126	243
Total	4	6	126	310

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 14. OSHA-Recordable Events by Gender and Age

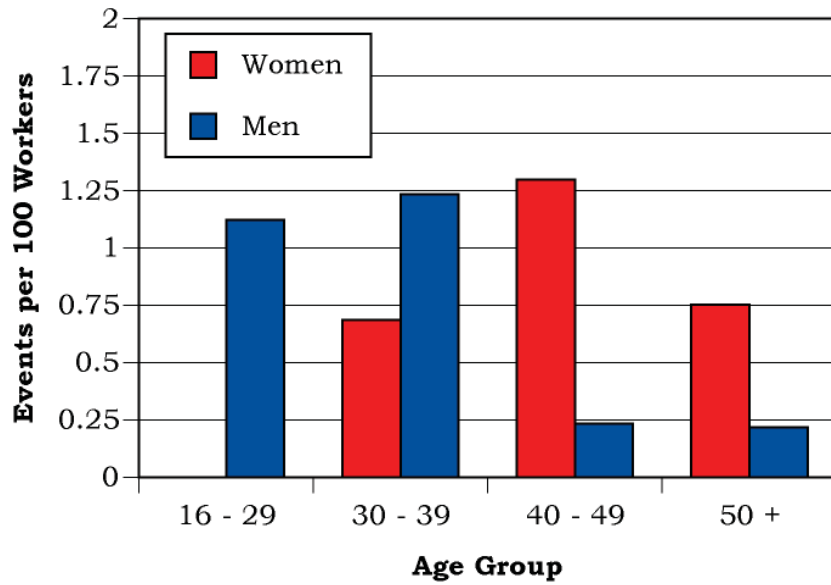
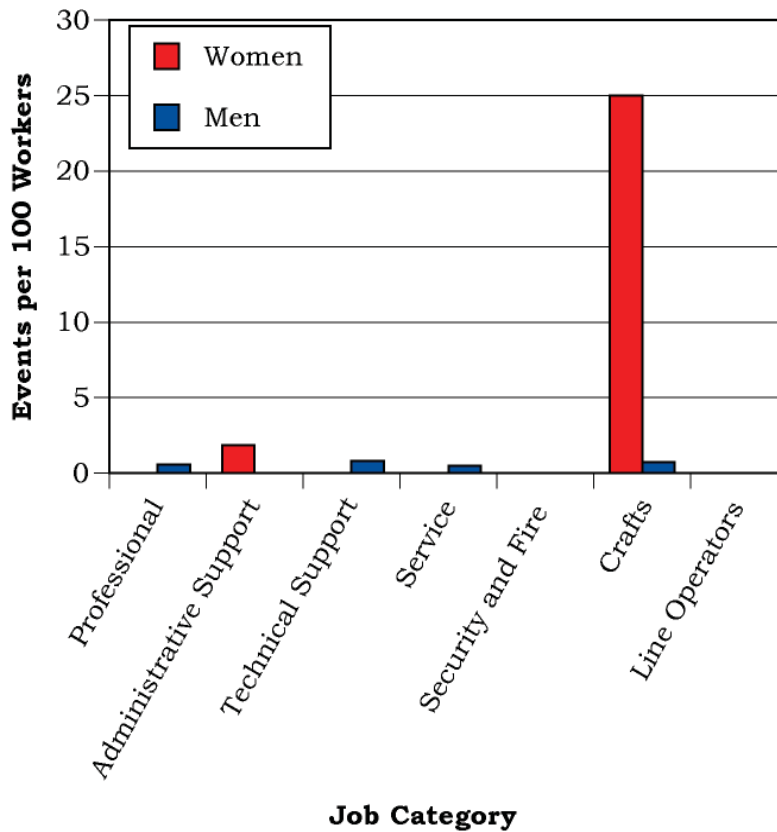


Figure 15. OSHA-Recordable Events by Job Category and Gender



Diagnostic and Accident Categories for OSHA-Recordable Events

Figure 16. OSHA-Recordable Diagnoses by Diagnostic Category and Gender

Diagnostic Category	Gender	
	Women	Men
Injury	5	8
Back Sprains & Strains	2	1
Other Sprains & Strains	1	0
Open Wounds – Head, Neck, Trunk	1	0
Open Wounds – Upper Limb	0	3
Bruises	0	3
Foreign Bodies Entering Orifice	1	0
Burns	0	1

Figure 17. OSHA-Recordable Accidents by Type and Gender

Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Motor Vehicle Traffic	1	0
Falls	2	2
Submersion/Suffocation/Foreign Bodies	1	0
Other Accidents	0	4
Cutting/Piercing Instrument/Object	0	2
Hot, Corrosive, or Caustic Material/Steam	0	1
Overexertion/Strenuous Movements	0	1
Total	4	6

Rates of OSHA-Recordable Events

Figure 18. OSHA-Recordable Rates by Age and Job Categories Among Women, All Diagnoses Combined

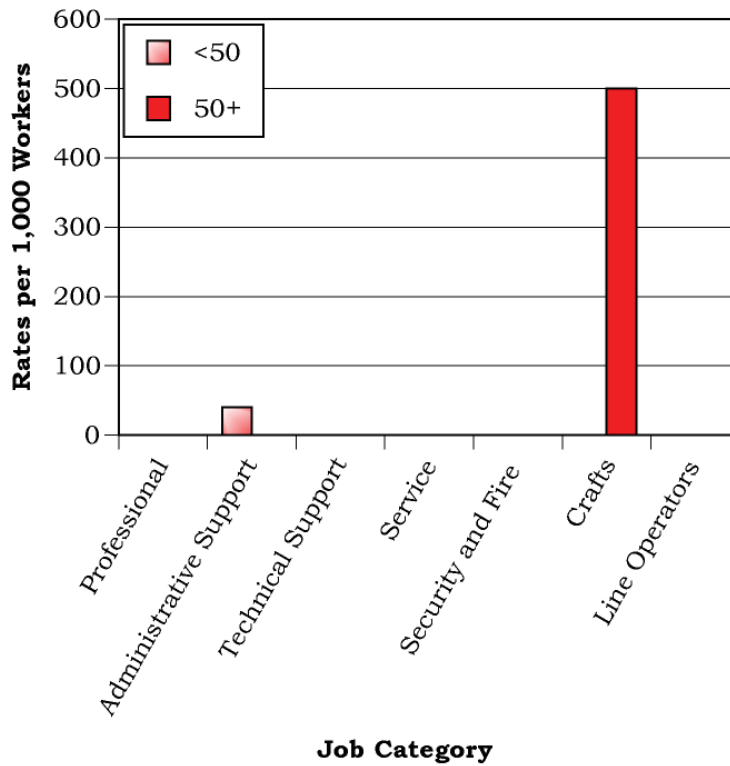
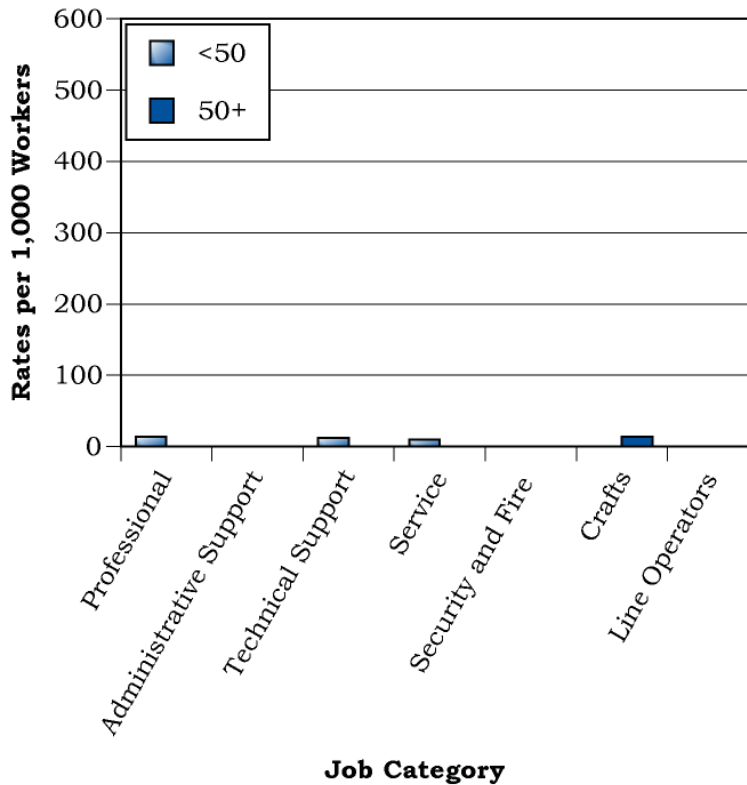


Figure 19. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined



Appendices

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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	2	37	39	17	95	7	61	142	150	360	455
Administrative Support	4	39	56	62	161	0	11	25	34	70	231
Technical Support	2	19	11	8	40	2	26	54	42	124	164
Service	12	38	38	35	123	62	104	120	106	392	515
Security and Fire	0	1	2	0	3	4	2	11	12	29	32
Crafts	0	0	2	2	4	5	16	48	69	138	142
Line Operators	2	12	6	9	29	9	23	28	49	109	138
TOTAL	22	146	154	133	455	89	243	428	462	1,222	1,677

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	32.94	33.65	23.26	10.15	18.22	33.82	25.82	22.14
1994	31.42	34.98	23.97	9.63	17.14	34.67	27.56	20.63
1995	26.96	35.67	26.72	10.64	15.18	34.13	29.79	20.89
1996	23.00	36.10	28.82	12.08	12.23	33.97	31.56	22.24
1997	20.56	36.45	28.66	14.33	11.61	31.49	34.08	22.81
1998	18.49	37.28	28.25	15.98	10.76	28.62	35.38	25.24
1999	16.19	35.70	30.26	17.85	8.47	28.03	35.84	27.66
2000	12.20	35.31	31.94	20.55	7.89	25.57	35.74	30.80
2001	8.32	33.27	34.16	24.25	6.51	22.64	35.34	35.50
2002	6.67	33.52	33.70	26.11	7.03	19.89	34.52	38.56
2003	4.84	32.09	33.85	29.23	7.28	19.89	35.02	37.81

Fernald Environmental Management Project 2003

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	0	3	4	1	8	0	3	6	10	19	27
Administrative Support	0	6	9	9	24	0	1	3	3	7	31
Technical Support	0	2	1	3	6	0	1	8	4	13	19
Service	4	11	11	8	34	11	17	9	14	51	85
Security and Fire	0	0	1	0	1	0	0	1	3	4	5
Crafts	0	0	1	1	2	1	5	8	15	29	31
Line Operators	1	5	1	3	10	2	4	6	10	22	32
TOTAL	5	27	28	25	85	14	31	41	59	145	230

*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	0	3	5	2	10	0	3	7	11	21	31
Administrative Support	0	6	10	9	25	0	1	3	3	7	32
Technical Support	0	3	1	3	7	0	1	9	5	15	22
Service	8	16	16	8	48	11	19	11	15	56	104
Security and Fire	0	0	2	0	2	0	0	1	3	4	6
Crafts	0	0	1	1	2	1	5	9	15	30	32
Line Operators	2	5	1	3	11	4	4	8	12	28	39
TOTAL	10	33	36	26	105	16	33	48	64	161	266

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

Fernald Environmental Management Project 2003

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	9	8	7	30	5	10	17	16	48	78
15 - 28	2	7	8	2	19	4	12	9	17	42	61
29 - 42	1	5	5	7	18	4	3	3	9	19	37
43 - 56	0	4	3	0	7	3	5	5	5	18	25
57 - 91	0	5	5	6	16	0	2	8	9	19	35
92 - 182	1	2	7	2	12	0	1	5	6	12	24
183 +	0	1	0	2	3	0	0	1	2	3	6
TOTAL	10	33	36	26	105	16	33	48	64	161	266

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

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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	0	4	1	21	0	1	3	30
15 - 28	4	3	1	5	2	1	3	19
29 - 42	3	8	1	4	0	0	2	18
43 - 56	0	0	1	6	0	0	0	7
57 - 91	1	6	1	5	0	0	3	16
92 - 182	1	3	2	6	0	0	0	12
183 +	1	1	0	1	0	0	0	3
TOTAL	10	25	7	48	2	2	11	105

Men

# of Calendar Days	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
< 15	11	1	7	17	1	6	5	48
15 - 28	4	3	4	16	2	5	8	42
29 - 42	0	0	1	7	0	4	7	19
43 - 56	3	0	1	7	1	4	2	18
57 - 91	3	2	1	4	0	5	4	19
92 - 182	0	1	1	5	0	4	1	12
183 +	0	0	0	0	0	2	1	3
TOTAL	21	7	15	56	4	30	28	161

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

Fernald Environmental Management Project 2003

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	3	0	0	3
-Intestinal Infectious Dis	001-009	0	1	0	0	1
-Other Bacterial Dis	030-041	0	0	0	0	0
-Other Viral Dis & Chlamydiae	070-079	0	1	0	0	1
-Late Effects	137-139	0	1	0	0	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	3	3
-Digestive & Peritoneal	150-159	0	0	0	1	1
-Respiratory & Intrathoracic	160-165	0	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0
-Breast	174-175	0	0	0	2	2
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	4	2	1	7
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	3	1	0	4
-Thyroid Gland Disorders	240-246	0	0	0	0	0
-Other Metabolic & Immunity Disorders	270-279	0	3	1	0	4
BLOOD & BLOOD-FORMING ORGANS	280-289	0	1	0	1	2
MENTAL DISORDERS	290-319	2	7	7	0	16
-Psychoses	290-299	0	1	0	0	1
-Non-Psychotic Disorders	300-302, 306-316	2	6	7	0	15
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	7	4	3	14
-Other Disorders of Central NS	340-349	0	2	0	0	2
-Disorders of Peripheral NS	350-359	0	3	2	3	8
-Disorders of Eye	360-379	0	0	2	0	2
-Dis of Ear & Mastoid	380-389	0	2	0	0	2
CIRCULATORY SYSTEM	390-459	0	3	3	4	10
-Chronic Rheumatic Heart Dis	393-398	0	1	0	1	2
-Hypertensive Dis	401-405	0	1	3	0	4
-Ischemic Heart Dis	410-414	0	0	0	1	1
-Other Heart Dis	420-429	0	1	0	1	2
-Cerebrovascular Dis	430-438	0	0	0	0	0
-Dis of Arteries & Capillaries	440-448	0	0	0	1	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	0	0
RESPIRATORY SYSTEM	460-519	2	6	2	6	16
-Acute Respiratory Infections	460-466	0	3	1	0	4
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0
-Pneumonia & Influenza	480-487	0	1	1	4	6
-Chronic Obstructive Dis	490-496	2	1	0	2	5
-Other Respiratory Dis	510-519	0	1	0	0	1

(Continued)

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

Fernald Environmental Management Project 2003

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							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	2	4	0	6	9	
-Intestinal Infectious Dis	001-009	0	0	2	0	2	3	
-Other Bacterial Dis	030-041	0	0	2	0	2	2	
-Other Viral Dis & Chlamydiae	070-079	0	2	0	0	2	3	
-Late Effects	137-139	0	0	0	0	0	1	
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	2	2	5	
-Digestive & Peritoneal	150-159	0	0	0	0	0	1	
-Respiratory & Intrathoracic	160-165	0	0	0	1	1	1	
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	1	1	1	
-Breast	174-175	0	0	0	0	0	2	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	0	0	7	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	1	1	4	6	10	
-Thyroid Gland Disorders	240-246	0	1	0	0	1	1	
-Other Metabolic & Immunity Disorders	270-279	0	0	1	4	5	9	
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	0	2	
MENTAL DISORDERS	290-319	5	3	1	1	10	26	
-Psychoses	290-299	1	1	1	0	3	4	
-Non-Psychotic Disorders	300-302, 306-316	4	2	0	1	7	22	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	3	4	4	11	25	
-Other Disorders of Central NS	340-349	0	1	1	0	2	4	
-Disorders of Peripheral NS	350-359	0	1	1	2	4	12	
-Disorders of Eye	360-379	0	0	1	2	3	5	
-Dis of Ear & Mastoid	380-389	0	1	1	0	2	4	
CIRCULATORY SYSTEM	390-459	0	1	9	13	23	33	
-Chronic Rheumatic Heart Dis	393-398	0	0	0	0	0	2	
-Hypertensive Dis	401-405	0	1	2	1	4	8	
-Ischemic Heart Dis	410-414	0	0	3	8	11	12	
-Other Heart Dis	420-429	0	0	1	3	4	6	
-Cerebrovascular Dis	430-438	0	0	1	0	1	1	
-Dis of Arteries & Capillaries	440-448	0	0	1	0	1	2	
-Dis of Veins, Lymphatics, Other	451-459	0	0	1	1	2	2	
RESPIRATORY SYSTEM	460-519	1	4	9	8	22	38	
-Acute Respiratory Infections	460-466	0	1	0	0	1	5	
-Other Dis Upper Respiratory Tract	470-478	1	1	1	0	3	3	
-Pneumonia & Influenza	480-487	0	2	3	4	9	15	
-Chronic Obstructive Dis	490-496	0	0	4	4	8	13	
-Other Respiratory Dis	510-519	0	0	1	0	1	2	

(Continued)

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

Fernald Environmental Management Project 2003

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						
DIGESTIVE SYSTEM	520-579	0	3	5	5	13	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	2	2	
-Esophagus, Stomach, Duodenum	530-537	0	0	1	0	1	
-Appendicitis	540-543	0	0	0	0	0	
-Hernia	550-553	0	0	0	2	2	
-Enteritis, Colitis	555-558	0	1	1	0	2	
-Other Intestinal Dis	560-569	0	0	2	0	2	
-Other Digestive Dis	570-579	0	2	1	1	4	
GENITOURINARY SYSTEM	580-629	7	6	4	2	19	
-Other Urinary Dis	590-599	3	0	0	0	3	
-Male Genital Organ Dis	600-608	0	0	0	0	0	
-Other Female Disorders	617-629	4	6	4	2	16	
SKIN & SUBCUTANEOUS TISSUE	680-709	1	0	1	1	3	
-Infections	680-686	1	0	0	0	1	
-Other	700-709	0	0	1	1	2	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	14	17	7	38	
-Arthropathies	710-719	0	5	4	1	10	
-Dorsopathies	720-724	0	3	2	4	9	
-Rheumatism, Excluding Back	725-729	0	2	7	2	11	
-Other Dis & Acquired Deformities	730-739	0	4	4	0	8	
CONGENITAL ANOMALIES	740-759	0	1	0	0	1	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	1	8	10	19	
-Symptoms	780-789	0	1	8	10	19	
INJURY & POISONING	800-999	2	14	5	5	26	
-Fracture - Neck, Trunk	805-809	0	0	0	0	0	
-Fracture - Upper Limb	810-819	0	0	0	0	0	
-Fracture - Lower Limb	820-829	0	0	1	0	1	
-Dislocation	830-839	0	1	0	1	2	
-Sprains & Strains - Back	846-847	0	8	0	2	10	
-Sprains & Strains - Other	840-845, 848	2	1	1	0	4	
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	0	0	
-Open Wound - Lower Limb	890-897	0	1	0	0	1	
-Late Effects of Accident	905-909	0	0	0	1	1	
-Superficial Injury	910-919	0	0	0	0	0	
-Contusion	920-924	0	1	2	0	3	
-Crushing Injury	925-929	0	0	1	0	1	

(Continued)

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

Fernald Environmental Management Project 2003

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							
DIGESTIVE SYSTEM	520-579	3	2	12	11	28	41	
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	1	0	2	4	
-Esophagus, Stomach, Duodenum	530-537	0	0	2	1	3	4	
-Appendicitis	540-543	0	0	1	0	1	1	
-Hernia	550-553	2	2	6	7	17	19	
-Enteritis, Colitis	555-558	0	0	0	0	0	2	
-Other Intestinal Dis	560-569	0	0	1	0	1	3	
-Other Digestive Dis	570-579	0	0	1	3	4	8	
GENITOURINARY SYSTEM	580-629	3	0	1	7	11	30	
-Other Urinary Dis	590-599	3	0	1	5	9	12	
-Male Genital Organ Dis	600-608	0	0	0	2	2	2	
-Other Female Disorders	617-629	0	0	0	0	0	16	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	3	0	4	7	10	
-Infections	680-686	0	3	0	3	6	7	
-Other	700-709	0	0	0	1	1	3	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	5	12	19	29	65	103	
-Arthropathies	710-719	2	3	2	5	12	22	
-Dorsopathies	720-724	2	8	6	13	29	38	
-Rheumatism, Excluding Back	725-729	1	1	11	8	21	32	
-Other Dis & Acquired Deformities	730-739	0	0	0	3	3	11	
CONGENITAL ANOMALIES	740-759	0	0	2	0	2	3	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	2	11	11	24	43	
-Symptoms	780-789	0	2	11	11	24	43	
INJURY & POISONING	800-999	4	14	14	14	46	72	
-Fracture - Neck, Trunk	805-809	0	2	0	0	2	2	
-Fracture - Upper Limb	810-819	0	2	0	1	3	3	
-Fracture - Lower Limb	820-829	0	0	2	0	2	3	
-Dislocation	830-839	0	1	3	4	8	10	
-Sprains & Strains - Back	846-847	2	1	2	2	7	17	
-Sprains & Strains - Other	840-845, 848	0	4	4	5	13	17	
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	1	0	0	1	1	
-Open Wound - Lower Limb	890-897	0	0	0	0	0	1	
-Late Effects of Accident	905-909	0	2	1	0	3	4	
-Superficial Injury	910-919	0	1	0	0	1	1	
-Contusion	920-924	1	0	0	1	2	5	
-Crushing Injury	925-929	0	0	0	0	0	1	

(Continued)

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

Fernald Environmental Management Project 2003

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					
-Complications & Unspecified Injuries	958-959	0	1	0	0	1
-Complications of Surgical/Medical Care	996-999	0	1	0	1	2
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	1	0	2	3
-Personal & Family History	V10-V19	0	0	0	1	1
-Health Status	V40-V49	0	1	0	1	2

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

Fernald Environmental Management Project 2003

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							
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	1	
-Complications of Surgical/Medical Care	996-999	1	0	2	1	4	6	
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	0	1	0	1	4	
-Personal & Family History	V10-V19	0	0	1	0	1	2	
-Health Status	V40-V49	0	0	0	0	0	2	

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	14	74	59	50	197	21	47	88	108	264	461

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

Fernald Environmental Management Project 2003

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	36	0	0	36
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	157	157
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	131	67	94	292
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	180	33	0	213
BLOOD & BLOOD-FORMING ORGANS	280-289	0	42	0	35	77
MENTAL DISORDERS	290-319	133	264	248	0	645
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	304	56	188	548
CIRCULATORY SYSTEM	390-459	0	156	84	231	471
RESPIRATORY SYSTEM	460-519	24	51	37	90	202
DIGESTIVE SYSTEM	520-579	0	109	209	182	500
GENITOURINARY SYSTEM	580-629	69	131	106	42	348
SKIN & SUBCUTANEOUS TISSUE	680-709	18	0	10	12	40
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	411	791	425	1,627
CONGENITAL ANOMALIES	740-759	0	59	0	0	59
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	11	303	410	724
INJURY & POISONING	800-999	55	431	368	387	1,241

*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.

Fernald Environmental Management Project 2003

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	0	48	118	0	166	202	
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	31	31	188	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	0	0	292	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	12	8	40	60	273	
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	0	77	
MENTAL DISORDERS	290-319	99	62	22	47	230	875	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	33	129	134	296	844	
CIRCULATORY SYSTEM	390-459	0	43	571	399	1,013	1,484	
RESPIRATORY SYSTEM	460-519	15	40	155	80	290	492	
DIGESTIVE SYSTEM	520-579	108	64	221	341	734	1,234	
GENITOURINARY SYSTEM	580-629	29	0	20	158	207	555	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	29	0	24	53	93	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	100	367	855	1,540	2,862	4,489	
CONGENITAL ANOMALIES	740-759	0	0	198	0	198	257	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	27	154	449	630	1,354	
INJURY & POISONING	800-999	118	437	886	436	1,877	3,118	

*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	0	1	0
-Intestinal Infectious Dis	001-009	0	0	0
-Other Viral Dis & Chlamydiae	070-079	0	0	0
-Late Effects	137-139	0	1	0
MALIGNANT NEOPLASMS	140-208, 230-234	2	1	0
-Digestive & Peritoneal	150-159	0	1	0
-Breast	174-175	2	0	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	2	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	1	1	0
-Other Metabolic & Immunity Disorders	270-279	1	1	0
BLOOD & BLOOD-FORMING ORGANS	280-289	1	0	0
MENTAL DISORDERS	290-319	0	6	3
-Psychoses	290-299	0	0	0
-Non-Psychotic Disorders	300-302, 306-316	0	6	3
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	3	4	0
-Other Disorders of Central NS	340-349	0	0	0
-Disorders of Peripheral NS	350-359	1	3	0
-Disorders of Eye	360-379	2	0	0
-Dis of Ear & Mastoid	380-389	0	1	0
CIRCULATORY SYSTEM	390-459	0	5	0
-Chronic Rheumatic Heart Dis	393-398	0	1	0
-Hypertensive Dis	401-405	0	1	0
-Ischemic Heart Dis	410-414	0	0	0
-Other Heart Dis	420-429	0	2	0
-Dis of Arteries & Capillaries	440-448	0	1	0
RESPIRATORY SYSTEM	460-519	0	3	0
-Acute Respiratory Infections	460-466	0	0	0
-Pneumonia & Influenza	480-487	0	1	0
-Chronic Obstructive Dis	490-496	0	2	0
-Other Respiratory Dis	510-519	0	0	0
DIGESTIVE SYSTEM	520-579	0	2	2
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	2
-Esophagus, Stomach, Duodenum	530-537	0	0	0
-Hernia	550-553	0	2	0
-Enteritis, Colitis	555-558	0	0	0

(Continued)

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

Fernald Environmental Management Project 2003

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	2	0	0	0	3
-Intestinal Infectious Dis	001-009	1	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	1	0	0	0	1
-Late Effects	137-139	0	0	0	0	1
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	3
-Digestive & Peritoneal	150-159	0	0	0	0	1
-Breast	174-175	0	0	0	0	2
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	2	0	0	2	7
ENDOCRINE/METABOLIC/IMMUNITY	240-279	1	0	0	1	4
-Other Metabolic & Immunity Disorders	270-279	1	0	0	1	4
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	1	2
MENTAL DISORDERS	290-319	6	1	0	0	16
-Psychoses	290-299	1	0	0	0	1
-Non-Psychotic Disorders	300-302, 306-316	5	1	0	0	15
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	5	0	0	2	14
-Other Disorders of Central NS	340-349	2	0	0	0	2
-Disorders of Peripheral NS	350-359	2	0	0	2	8
-Disorders of Eye	360-379	0	0	0	0	2
-Dis of Ear & Mastoid	380-389	1	0	0	0	2
CIRCULATORY SYSTEM	390-459	2	1	1	1	10
-Chronic Rheumatic Heart Dis	393-398	0	0	1	0	2
-Hypertensive Dis	401-405	1	1	0	1	4
-Ischemic Heart Dis	410-414	1	0	0	0	1
-Other Heart Dis	420-429	0	0	0	0	2
-Dis of Arteries & Capillaries	440-448	0	0	0	0	1
RESPIRATORY SYSTEM	460-519	9	0	1	3	16
-Acute Respiratory Infections	460-466	4	0	0	0	4
-Pneumonia & Influenza	480-487	4	0	1	0	6
-Chronic Obstructive Dis	490-496	0	0	0	3	5
-Other Respiratory Dis	510-519	1	0	0	0	1
DIGESTIVE SYSTEM	520-579	5	2	0	2	13
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	0	2
-Esophagus, Stomach, Duodenum	530-537	0	1	0	0	1
-Hernia	550-553	0	0	0	0	2
-Enteritis, Colitis	555-558	2	0	0	0	2

(Continued)

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

Fernald Environmental Management Project 2003

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			
-Other Intestinal Dis	560-569	0	0	0
-Other Digestive Dis	570-579	0	0	0
GENITOURINARY SYSTEM	580-629	0	2	0
-Other Urinary Dis	590-599	0	0	0
-Other Female Disorders	617-629	0	2	0
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0
-Infections	680-686	0	0	0
-Other	700-709	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	6	15	2
-Arthropathies	710-719	1	4	2
-Dorsopathies	720-724	1	2	0
-Rheumatism, Excluding Back	725-729	2	5	0
-Other Dis & Acquired Deformities	730-739	2	4	0
CONGENITAL ANOMALIES	740-759	0	1	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	1	8	3
-Symptoms	780-789	1	8	3
INJURY & POISONING	800-999	4	6	4
-Fracture - Lower Limb	820-829	0	1	0
-Dislocation	830-839	0	1	0
-Sprains & Strains - Back	846-847	2	1	0
-Sprains & Strains - Other	840-845, 848	1	0	1
-Open Wound - Lower Limb	890-897	0	0	1
-Late Effects of Accident	905-909	0	0	1
-Contusion	920-924	0	2	1
-Crushing Injury	925-929	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0
-Complications of Surgical/Medical Care	996-999	1	1	0
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	3	0
-Personal & Family History	V10-V19	0	1	0
-Health Status	V40-V49	0	2	0

*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*

		Women				
		Job Category				TOTAL
		Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code					
-Other Intestinal Dis	560-569	2	0	0	0	2
-Other Digestive Dis	570-579	1	1	0	2	4
GENITOURINARY SYSTEM	580-629	12	0	0	5	19
-Other Urinary Dis	590-599	1	0	0	2	3
-Other Female Disorders	617-629	11	0	0	3	16
SKIN & SUBCUTANEOUS TISSUE	680-709	3	0	0	0	3
-Infections	680-686	1	0	0	0	1
-Other	700-709	2	0	0	0	2
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	13	0	1	1	38
-Arthropathies	710-719	3	0	0	0	10
-Dorsopathies	720-724	5	0	0	1	9
-Rheumatism, Excluding Back	725-729	3	0	1	0	11
-Other Dis & Acquired Deformities	730-739	2	0	0	0	8
CONGENITAL ANOMALIES	740-759	0	0	0	0	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	7	0	0	0	19
-Symptoms	780-789	7	0	0	0	19
INJURY & POISONING	800-999	9	0	0	3	26
-Fracture - Lower Limb	820-829	0	0	0	0	1
-Dislocation	830-839	1	0	0	0	2
-Sprains & Strains - Back	846-847	4	0	0	3	10
-Sprains & Strains - Other	840-845, 848	2	0	0	0	4
-Open Wound - Lower Limb	890-897	0	0	0	0	1
-Late Effects of Accident	905-909	0	0	0	0	1
-Contusion	920-924	0	0	0	0	3
-Crushing Injury	925-929	1	0	0	0	1
-Complications & Unspecified Injuries	958-959	1	0	0	0	1
-Complications of Surgical/Medical Care	996-999	0	0	0	0	2
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	0	0	0	3
-Personal & Family History	V10-V19	0	0	0	0	1
-Health Status	V40-V49	0	0	0	0	2

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

Fernald Environmental Management Project 2003

Absence Data

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

	Women							
	Job Category							TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category								
Total	18	60	15	76	4	3	21	197

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

Fernald Environmental Management Project 2003

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	1	0	1
-Intestinal Infectious Dis	001-009	1	0	0
-Other Bacterial Dis	030-041	0	0	1
-Other Viral Dis & Chlamydiae	070-079	0	0	0
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0
-Respiratory & Intrathoracic	160-165	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	2
-Thyroid Gland Disorders	240-246	0	0	0
-Other Metabolic & Immunity Disorders	270-279	0	0	2
MENTAL DISORDERS	290-319	1	1	0
-Psychoses	290-299	0	1	0
-Non-Psychotic Disorders	300-302, 306-316	1	0	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	0	0
-Other Disorders of Central NS	340-349	0	0	0
-Disorders of Peripheral NS	350-359	1	0	0
-Disorders of Eye	360-379	0	0	0
-Dis of Ear & Mastoid	380-389	0	0	0
CIRCULATORY SYSTEM	390-459	1	4	4
-Hypertensive Dis	401-405	0	0	1
-Ischemic Heart Dis	410-414	0	4	1
-Other Heart Dis	420-429	1	0	1
-Cerebrovascular Dis	430-438	0	0	0
-Dis of Arteries & Capillaries	440-448	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0
RESPIRATORY SYSTEM	460-519	1	0	3
-Acute Respiratory Infections	460-466	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	0	0
-Pneumonia & Influenza	480-487	0	0	1
-Chronic Obstructive Dis	490-496	0	0	2
-Other Respiratory Dis	510-519	1	0	0
DIGESTIVE SYSTEM	520-579	4	1	5
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0
-Esophagus, Stomach, Duodenum	530-537	0	0	1
-Appendicitis	540-543	0	0	1

(Continued)

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

Fernald Environmental Management Project 2003

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	2	0	2	0	6
-Intestinal Infectious Dis	001-009	1	0	0	0	2
-Other Bacterial Dis	030-041	0	0	1	0	2
-Other Viral Dis & Chlamydiae	070-079	1	0	1	0	2
MALIGNANT NEOPLASMS	140-208, 230-234	0	1	0	1	2
-Respiratory & Intrathoracic	160-165	0	1	0	0	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	1	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	3	0	1	0	6
-Thyroid Gland Disorders	240-246	1	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	2	0	1	0	5
MENTAL DISORDERS	290-319	4	0	0	4	10
-Psychoses	290-299	2	0	0	0	3
-Non-Psychotic Disorders	300-302, 306-316	2	0	0	4	7
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	2	0	6	2	11
-Other Disorders of Central NS	340-349	0	0	1	1	2
-Disorders of Peripheral NS	350-359	0	0	3	0	4
-Disorders of Eye	360-379	1	0	1	1	3
-Dis of Ear & Mastoid	380-389	1	0	1	0	2
CIRCULATORY SYSTEM	390-459	7	1	3	3	23
-Hypertensive Dis	401-405	2	0	1	0	4
-Ischemic Heart Dis	410-414	2	0	2	2	11
-Other Heart Dis	420-429	2	0	0	0	4
-Cerebrovascular Dis	430-438	0	0	0	1	1
-Dis of Arteries & Capillaries	440-448	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	1	1	0	0	2
RESPIRATORY SYSTEM	460-519	9	2	4	3	22
-Acute Respiratory Infections	460-466	0	0	0	1	1
-Other Dis Upper Respiratory Tract	470-478	3	0	0	0	3
-Pneumonia & Influenza	480-487	5	1	1	1	9
-Chronic Obstructive Dis	490-496	1	1	3	1	8
-Other Respiratory Dis	510-519	0	0	0	0	1
DIGESTIVE SYSTEM	520-579	8	1	6	3	28
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	1	0	2
-Esophagus, Stomach, Duodenum	530-537	2	0	0	0	3
-Appendicitis	540-543	0	0	0	0	1

(Continued)

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

Fernald Environmental Management Project 2003

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			
-Hernia	550-553	3	1	2
-Other Intestinal Dis	560-569	0	0	1
-Other Digestive Dis	570-579	1	0	0
GENTOURINARY SYSTEM	580-629	0	0	0
-Other Urinary Dis	590-599	0	0	0
-Male Genital Organ Dis	600-608	0	0	0
SKIN & SUBCUTANEOUS TISSUE	680-709	2	0	1
-Infections	680-686	2	0	1
-Other	700-709	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	6	3	7
-Arthropathies	710-719	0	1	3
-Dorsopathies	720-724	2	2	0
-Rheumatism, Excluding Back	725-729	3	0	4
-Other Dis & Acquired Deformities	730-739	1	0	0
CONGENITAL ANOMALIES	740-759	0	1	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	4	3	4
-Symptoms	780-789	4	3	4
INJURY & POISONING	800-999	7	0	6
-Fracture - Neck, Trunk	805-809	0	0	0
-Fracture - Upper Limb	810-819	0	0	0
-Fracture - Lower Limb	820-829	0	0	0
-Dislocation	830-839	0	0	3
-Sprains & Strains - Back	846-847	0	0	0
-Sprains & Strains - Other	840-845, 848	3	0	2
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0
-Late Effects of Accident	905-909	1	0	0
-Superficial Injury	910-919	1	0	0
-Contusion	920-924	1	0	0
-Complications of Surgical/Medical Care	996-999	1	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	0	1
-Personal & Family History	V10-V19	0	0	1

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

Fernald Environmental Management Project 2003

Absence Data

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

		Men				
		Job Category				TOTAL
		Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code					
-Hernia	550-553	5	1	2	3	17
-Other Intestinal Dis	560-569	0	0	0	0	1
-Other Digestive Dis	570-579	0	0	3	0	4
GENTOURINARY SYSTEM	580-629	3	0	0	8	11
-Other Urinary Dis	590-599	3	0	0	6	9
-Male Genital Organ Dis	600-608	0	0	0	2	2
SKIN & SUBCUTANEOUS TISSUE	680-709	3	0	1	0	7
-Infections	680-686	2	0	1	0	6
-Other	700-709	1	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	22	1	16	10	65
-Arthropathies	710-719	5	0	1	2	12
-Dorsopathies	720-724	14	0	8	3	29
-Rheumatism, Excluding Back	725-729	3	1	6	4	21
-Other Dis & Acquired Deformities	730-739	0	0	1	1	3
CONGENITAL ANOMALIES	740-759	0	0	0	0	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	10	0	1	2	24
-Symptoms	780-789	10	0	1	2	24
INJURY & POISONING	800-999	17	1	10	5	46
-Fracture - Neck, Trunk	805-809	1	0	1	0	2
-Fracture - Upper Limb	810-819	1	0	2	0	3
-Fracture - Lower Limb	820-829	0	0	1	1	2
-Dislocation	830-839	2	0	1	2	8
-Sprains & Strains - Back	846-847	6	0	1	0	7
-Sprains & Strains - Other	840-845, 848	2	1	3	2	13
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	1	0	0	0	1
-Late Effects of Accident	905-909	2	0	0	0	3
-Superficial Injury	910-919	0	0	0	0	1
-Contusion	920-924	1	0	0	0	2
-Complications of Surgical/Medical Care	996-999	1	0	1	0	4
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	0	0	0	1
-Personal & Family History	V10-V19	0	0	0	0	1

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

Fernald Environmental Management Project 2003

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	28	13	35	90	7	50	41	264

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

Fernald Environmental Management Project 2003

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	0	17	0
MALIGNANT NEOPLASMS	140-208, 230-234	67	90	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	67	94
ENDOCRINE/METABOLIC/IMMUNITY	240-279	41	33	0
BLOOD & BLOOD-FORMING ORGANS	280-289	35	0	0
MENTAL DISORDERS	290-319	0	145	80
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	46	85	0
CIRCULATORY SYSTEM	390-459	0	147	0
RESPIRATORY SYSTEM	460-519	0	26	0
DIGESTIVE SYSTEM	520-579	0	112	33
GENITOURINARY SYSTEM	580-629	0	42	0
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	354	630	122
CONGENITAL ANOMALIES	740-759	0	59	0
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	35	213	174
INJURY & POISONING	800-999	300	418	92

*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.

Fernald Environmental Management Project 2003

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	19	0	0	0	36
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	0	157
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	77	0	0	54	292
ENDOCRINE/METABOLIC/IMMUNITY	240-279	56	0	0	83	213
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	42	77
MENTAL DISORDERS	290-319	401	19	0	0	645
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	292	0	0	125	548
CIRCULATORY SYSTEM	390-459	217	19	26	62	471
RESPIRATORY SYSTEM	460-519	99	0	26	51	202
DIGESTIVE SYSTEM	520-579	194	41	0	120	500
GENITOURINARY SYSTEM	580-629	228	0	0	78	348
SKIN & SUBCUTANEOUS TISSUE	680-709	40	0	0	0	40
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	498	0	8	15	1,627
CONGENITAL ANOMALIES	740-759	0	0	0	0	59
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	302	0	0	0	724
INJURY & POISONING	800-999	415	0	0	16	1,241

*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.

Fernald Environmental Management Project 2003

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	12	0	57
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	14
MENTAL DISORDERS	290-319	47	22	0
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	6	0	0
CIRCULATORY SYSTEM	390-459	45	177	190
RESPIRATORY SYSTEM	460-519	59	0	15
DIGESTIVE SYSTEM	520-579	101	8	116
GENTOURINARY SYSTEM	580-629	0	0	0
SKIN & SUBCUTANEOUS TISSUE	680-709	12	0	6
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	62	131	110
CONGENITAL ANOMALIES	740-759	0	23	175
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	70	177	22
INJURY & POISONING	800-999	175	0	225

		Men				
		Job Category				TOTAL
		Service	Security and Fire	Crafts	Line Operators	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	43	0	54	0	166
MALIGNANT NEOPLASMS	140-208, 230-234	0	18	0	13	31
ENDOCRINE/METABOLIC/IMMUNITY	240-279	32	0	14	0	60
MENTAL DISORDERS	290-319	107	0	0	54	230
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	20	0	226	44	296
CIRCULATORY SYSTEM	390-459	187	21	47	346	1,013
RESPIRATORY SYSTEM	460-519	98	18	70	30	290
DIGESTIVE SYSTEM	520-579	167	6	253	83	734
GENTOURINARY SYSTEM	580-629	29	0	0	178	207
SKIN & SUBCUTANEOUS TISSUE	680-709	25	0	10	0	53
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1,075	53	1,075	356	2,862
CONGENITAL ANOMALIES	740-759	0	0	0	0	198
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	290	0	29	42	630
INJURY & POISONING	800-999	600	53	410	414	1,877

*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.

Fernald Environmental Management Project 2003

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 & Parasitic Diseases	001-139	6	4.1	1.8	9.4
Malignant Neoplasms	140-208, 230-234	2	1.5	0.3	6.8
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	1	1.1	0.1	7.6
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	6	3.4	1.5	7.9
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	10	18.1	8.9	37.1
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	11	7.6	4.0	14.1
Circulatory System	390-459	23	14.3	9.3	22.2
-Hypertension	401	4	2.5	0.9	7.0
-Acute Myocardial Infarction	410	3	2.0	0.6	6.8
-Ischemic Disease, not M.I.	411-414, 429.2	8	4.6	2.2	9.5
-Cerebrovascular Disease	430-438	1	0.5	0.1	3.8
Respiratory System	460-519	22	17.1	10.4	28.2
-Upper Respiratory	460-465, 470-478	4	5.3	1.6	17.3
-Pneumonia/Bronchitis	466, 480-487	9	6.0	3.0	12.1
-Chronic Respiratory Conditions	490-496	8	5.2	2.5	11.0
Digestive System	520-579	28	24.5	15.2	39.6
-Hernias	550-553	17	14.8	7.9	27.6
-Gallbladder Disease	574-575	2	1.6	0.4	6.9
Genitourinary System	580-629	11	13.0	5.9	28.5
-Benign Prostatic Hypertrophy	600	2	0.9	0.2	3.8
Skin & Subcutaneous Tissue	680-709	7	4.8	2.2	10.5
Musculoskeletal System	710-739	65	54.0	39.8	73.2
-Dorsopathies	720-724	29	24.6	15.8	38.4
Congenital Anomalies	740-759	2	1.1	0.3	4.3
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	24	14.3	9.4	21.7
Injury & Poisoning	800-999	46	39.7	27.7	57.0
-Fractures, All Sites	800-829	7	5.4	2.5	11.7

*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.

Fernald Environmental Management Project 2003

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
-Dislocations	830-839	8	4.5	2.2	9.2
-Sprains & Strains	840-848	20	17.7	10.1	30.8
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	1	1.0	0.1	6.9
-Open Wounds	870-897	0	0	0	0
-Other Injuries	900-999	10	11.2	5.1	24.6
Health Status/Health Serv Contact	V01-V82	1	0.5	0.1	3.8
-Family History of Health Problems	V10-V19	1	0.5	0.1	3.8
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		264	218.1	187.4	253.9

Part 2. Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	3	4.8	1.6	15.0
Malignant Neoplasms	140-208, 230-234	3	4.6	1.5	14.2
-Digestive Organs	150-159	1	1.5	0.2	10.8
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	2	3.0	0.8	12.2
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	7	11.0	5.2	23.0
Endocrine & Metabolic Diseases	240-279	4	6.3	2.4	16.9
Blood & Blood-Forming Organs	280-289	2	3.1	0.8	12.5
Mental Disorders	290-319	16	44.8	21.1	95.5
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	14	21.9	12.9	36.9
Circulatory System	390-459	10	15.4	8.3	28.7
-Hypertension	401	4	6.1	2.3	16.3
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	1	1.5	0.2	10.8
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	16	44.8	21.1	95.5
-Upper Respiratory	460-465, 470-478	3	4.8	1.6	15.0

*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.

Fernald Environmental Management Project 2003

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
-Pneumonia/Bronchitis	466, 480-487	7	10.7	5.1	22.5
-Chronic Respiratory Conditions	490-496	5	27.7	8.6	89.1
Digestive System	520-579	13	23.5	12.7	43.3
-Hernias	550-553	2	3.0	0.8	12.2
-Gallbladder Disease	574-575	4	9.8	3.1	30.8
Genitourinary System	580-629	19	99.3	53.9	182.9
-Endometriosis	617	2	3.2	0.8	12.9
-Ovarian Cysts	620.0-620.2	2	3.1	0.8	12.5
-Female Genital Pain/Bleeding	625-626	10	55.4	24.3	126.5
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	3	14.5	3.0	70.5
Musculoskeletal System	710-739	38	58.8	42.8	80.8
-Dorsopathies	720-724	9	13.9	7.2	26.8
Congenital Anomalies	740-759	1	1.6	0.2	11.4
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	19	28.9	18.4	45.3
Injury & Poisoning	800-999	26	60.7	34.0	108.6
-Fractures, All Sites	800-829	1	1.5	0.2	10.7
-Dislocations	830-839	2	3.1	0.8	12.5
-Sprains & Strains	840-848	14	42.1	18.9	93.7
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	1.6	0.2	11.4
-Other Injuries	900-999	8	12.4	6.2	24.8
Health Status/Health Serv Contact	V01-V82	3	4.7	1.5	14.4
-Family History of Health Problems	V10-V19	1	1.5	0.2	10.8
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		197	448.8	363.7	553.9

*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.

Fernald Environmental Management Project 2003

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 & Parasitic Diseases	001-139	9	4.6	2.4	9.0
Malignant Neoplasms	140-208, 230-234	5	2.3	0.9	6.1
-Digestive Organs	150-159	1	0.4	0.1	2.6
-Respiratory System	160-165	1	0.9	0.1	6.2
-Breast	174-175	2	0.7	0.2	2.9
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	7	3.6	1.7	7.6
Endocrine & Metabolic Diseases	240-279	10	4.7	2.5	8.8
Blood & Blood-Forming Organs	280-289	2	1.0	0.2	4.0
Mental Disorders	290-319	26	25.6	15.6	41.9
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	25	12.3	8.2	18.4
Circulatory System	390-459	33	15.4	10.7	22.1
-Hypertension	401	8	3.6	1.8	7.2
-Acute Myocardial Infarction	410	3	1.6	0.5	5.6
-Ischemic Disease, not M.I.	411-414, 429.2	9	3.9	1.9	7.8
-Cerebrovascular Disease	430-438	1	0.4	0.1	2.8
Respiratory System	460-519	38	23.9	15.9	35.9
-Upper Respiratory	460-465, 470-478	7	5.7	2.3	14.3
-Pneumonia/Bronchitis	466, 480-487	16	7.2	4.3	12.0
-Chronic Respiratory Conditions	490-496	13	10.0	4.8	20.5
Digestive System	520-579	41	25.0	16.8	37.1
-Hernias	550-553	19	11.9	6.5	22.0
-Gallbladder Disease	574-575	6	3.8	1.6	8.7
Genitourinary System	580-629	30	32.2	20.3	51.0
-Benign Prostatic Hypertrophy	600	2	0.7	0.2	2.9
-Endometriosis	617	2	1.2	0.3	4.8
-Ovarian Cysts	620.0-620.2	2	1.0	0.2	4.1
-Female Genital Pain/Bleeding	625-626	10	12.1	5.6	26.0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	10	6.3	2.7	14.4
Musculoskeletal System	710-739	103	58.1	45.7	73.8
-Dorsopathies	720-724	38	22.1	14.9	32.8
Congenital Anomalies	740-759	3	1.4	0.4	4.5

*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.

Fernald Environmental Management Project 2003

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
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	43	18.0	13.2	24.5
Injury & Poisoning	800-999	72	45.6	33.9	61.3
-Fractures, All Sites	800-829	8	4.0	2.0	8.1
-Dislocations	830-839	10	4.2	2.2	7.9
-Sprains & Strains	840-848	34	24.1	15.6	37.3
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	1	0.6	0.1	4.3
-Open Wounds	870-897	1	0.6	0.1	4.3
-Other Injuries	900-999	18	12.0	6.5	22.2
Health Status/Health Serv Contact	V01-V82	4	1.7	0.6	4.7
-Family History of Health Problems	V10-V19	2	0.8	0.2	3.0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		461	281.5	250.2	316.7

*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.

Fernald Environmental Management Project 2003
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	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	0	0	0	0	1	1	0	0	2	2
Administrative Support	1	2	0	3	0	0	0	0	0	3
Technical Support	0	0	0	0	0	0	1	0	1	1
Service	0	0	0	0	0	2	0	0	2	2
Crafts	0	0	1	1	0	0	0	1	1	2
TOTAL	1	2	1	4	1	3	1	1	6	10

*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	0	0	0	1	58	0	1	58	0
30 - 39	1	0	0	3	20	0	4	20	0
40 - 49	2	0	0	1	0	0	3	0	0
50 +	1	1	0	1	0	0	2	1	0
TOTAL	4	1	0	6	78	0	10	79	0

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	0	0	0	2	78	0	2	78	0
Administrative Support	3	0	0	0	0	0	3	0	0
Technical Support	0	0	0	1	0	0	1	0	0
Service	0	0	0	2	0	0	2	0	0
Crafts	1	1	0	1	0	0	2	1	0
Total	4	1	0	6	78	0	10	79	0

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

Fernald Environmental Management Project 2003

OSHA Data

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

		Women				Men					TOTAL
		Age Group			TOTAL	Age Group				TOTAL	
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code										
INJURY & POISONING	800-999	1	3	1	5	2	4	1	1	8	13
-Sprains & Strains - Back	846-847	0	2	0	2	0	1	0	0	1	3
-Sprains & Strains - Other	840-845, 848	0	1	0	1	0	0	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	1	1	0	0	0	0	0	1
-Open Wound - Upper Limb	880-887	0	0	0	0	1	0	1	1	3	3
-Contusion	920-924	0	0	0	0	0	3	0	0	3	3
-Foreign Body Entering Orifice	930-939	1	0	0	1	0	0	0	0	0	1
-Burns	940-949	0	0	0	0	1	0	0	0	1	1

Diagnostic Category	Women				Men					TOTAL
	Age Group			TOTAL	Age Group				TOTAL	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Total	1	3	1	5	2	4	1	1	8	13

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

Fernald Environmental Management Project 2003

OSHA Data

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

		Women					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Sprains & Strains - Back	846-847	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	1	0
-Foreign Body Entering Orifice	930-939	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								
-Sprains & Strains - Back	846-847	0	0	20	0	0	0	0	0
-Open Wound - Upper Limb	880-887	58	0	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0
-Burns	940-949	58	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/age combinations with at least one occurrence appear in this table.

Fernald Environmental Management Project 2003
OSHA Data

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

		Women				Men					TOTAL
		Age Group			TOTAL	Age Group				TOTAL	
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Type of Accident	E Codes										
Motor Vehicle Traffic	E810-E819	0	1	0	1	0	0	0	0	0	1
Falls	E880-E888	0	1	1	2	0	2	0	0	2	4
Submersion/Suffocation/Foreign Bodies	E910-E915	1	0	0	1	0	0	0	0	0	1
Other Accidents	E916-E928	0	0	0	0	1	1	1	1	4	4

*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					
		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	1	0
Submersion/Suffocation/Foreign Bodies	E910-E915	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
Type of Accident	E Codes								
Falls	E880-E888	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	58	0	20	0	0	0	0	0

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

Fernald Environmental Management Project 2003

OSHA Data

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

		Women		
		Job Category		TOTAL
		Administrative Support	Crafts	
Diagnostic Category	ICD-9-CM Code			
INJURY & POISONING	800-999	4	1	5
-Sprains & Strains - Back	846-847	2	0	2
-Sprains & Strains - Other	840-845, 848	1	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	1	1
-Foreign Body Entering Orifice	930-939	1	0	1

	Women		
	Job Category		TOTAL
	Administrative Support	Crafts	
Diagnostic Category			
Total	4	1	5

		Men				TOTAL
		Job Category				
		Professional	Technical Support	Service	Crafts	
Diagnostic Category	ICD-9-CM Code					
INJURY & POISONING	800-999	3	1	3	1	8
-Sprains & Strains - Back	846-847	1	0	0	0	1
-Open Wound - Upper Limb	880-887	1	1	0	1	3
-Contusion	920-924	0	0	3	0	3
-Burns	940-949	1	0	0	0	1

	Men				
	Job Category				TOTAL
	Professional	Technical Support	Service	Crafts	
Diagnostic Category					
Total	3	1	3	1	8

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

Fernald Environmental Management Project 2003

OSHA Data

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

		Women			
		Job Category			
		Administrative Support		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes				
-Sprains & Strains - Back	846-847	0	0	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	1	0
-Foreign Body Entering Orifice	930-939	0	0	0	0

		Men							
		Job Category							
		Professional		Technical Support		Service		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Sprains & Strains - Back	846-847	20	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	58	0	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0
-Burns	940-949	58	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.

Fernald Environmental Management Project 2003

OSHA Data

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

		Women		
		Job Category		TOTAL
		Administrative Support	Crafts	
Type of Accident	E CODES			
Motor Vehicle Traffic	E810-E819	1	0	1
Falls	E880-E888	1	1	2
Submersion/Suffocation/Foreign Bodies	E910-E915	1	0	1

		Men				
		Job Category				TOTAL
		Professional	Technical Support	Service	Crafts	
Type of Accident	E CODES					
Falls	E880-E888	0	0	2	0	2
Other Accidents	E916-E928	2	1	0	1	4

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

Fernald Environmental Management Project 2003

OSHA Data

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

		Women			
		Job Category			
		Administrative Support		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes				
Motor Vehicle Traffic	E810-E819	0	0	0	0
Falls	E880-E888	0	0	1	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0

		Men							
		Job Category							
		Professional		Technical Support		Service		Crafts	
		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	0	0
Other Accidents	E916-E928	78	0	0	0	0	0	0	0

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

Fernald Environmental Management Project 2003

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 & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	0	0	0	0
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	0	0	0	0
-Dorsopathies	720-724	0	0	0	0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	0	0	0	0
Injury & Poisoning	800-999	8	10.6	4.6	24.5
-Fractures, All Sites	800-829	0	0	0	0

*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.

Fernald Environmental Management Project 2003

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
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	1	1.0	0.1	6.9
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	3	3.9	0.9	17.1
-Other Injuries	900-999	4	5.8	1.9	17.7
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		8	10.6	4.6	24.5

Part 2. Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	0	0	0	0
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0

*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.

Fernald Environmental Management Project 2003

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
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	0	0	0	0
-Dorsopathies	720-724	0	0	0	0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	0	0	0	0
Injury & Poisoning	800-999	5	7.6	3.2	18.4
-Fractures, All Sites	800-829	0	0	0	0
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	3	4.5	1.5	14.0
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	1.5	0.2	10.8
-Other Injuries	900-999	1	1.6	0.2	11.4
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		5	7.6	3.2	18.4

Part 3. Men and Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0

*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.

Fernald Environmental Management Project 2003

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
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	0	0	0	0
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	0	0	0	0
-Dorsopathies	720-724	0	0	0	0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	0	0	0	0
Injury & Poisoning	800-999	13	9.9	4.8	20.3
-Fractures, All Sites	800-829	0	0	0	0
-Dislocations	830-839	0	0	0	0

*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.

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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
-Sprains & Strains	840-848	4	1.8	0.7	4.9
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	4	3.4	0.9	13.3
-Other Injuries	900-999	5	4.7	1.6	13.8
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		13	9.9	4.8	20.3

*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.