



Fernald Environmental Management Project 2000  
 Fernald Environmental Management Project 2000  
 Appendix B. Most Common Job Titles in Each Job Category

MANAGEMENT	TJTC	EQTL	E002
ABPC	TLTC	GC16	E0M*
ADPC	TRTC	IMM*	EPME
AHPC	TSTC*	IMME	EPPC*
AI PC	TVTC	IMTE	EPPT
ALPC	TXTC	IMTL	EPTE*
ECPC		IMTS	EPTS
ECTC*	PROFESSIONAL	IRME*	EQMD
EEPC*	0063*	IRTL	EQME
EPPC*	AAMD	NDMC*	EQTE
EQPC	AAME	NMMB*	EQTS*
IMPC	AATS	NTMC	EVME
LTAC	ABTL	NYMB*	EWMD
LTCC	ABTS	NYMC	EWME
LTEC	ACME	OIMD	EWTE
LTSC	ACTS	OIME	EWTS
LTTC*	ADMD*	OITL	NEMB
LTTP	ADTE	OMME	NEMC*
OPPC	ADTL	OMTL*	NFMB
TFPC	ADTS	OPTL*	NFMC
THPC	AFMB	OPTS*	NGMB
TJPC	AFMD	OTTL*	NGMC
TLPT*	AFME	TAMD	NHMB
TSPC	AFTL	TAME	NHMC
TSTC*	AFTS	TAPT	NIMB*
TVPC	AGMD	TATE	NIMC
TXPC	AGTE	TATS	NLMB
	AHME	TFTL	NLMC
ADMINISTRATION	AHTL	TFTS	NMMB*
AATC	AHTS	THTL	TGMD
AATL	AITL	TLTL	TGME
ABTC	AITS	TMFL	TGTE
ACTC	ALPT	TRTL	TGTS
ADTC	ALTE	TSTL	THMD
AGTC	AOTS*	TVTL	THME
AHTC	APMD	TXME*	THTE
AOTC	APME	TXTL	THTS
APTC	APTE		TJMD
ATTC	APTL	ENGINEERING, SCIENTIFIC, & HEALTH CARE	TJME
ECTC*	APTS		TJTE
EETC	ASTL	AOMD	TJTS
EPTC	ATMD	AOME*	TLMD
EPTE*	ATME	AOTE	TLME
EQTC	ATTL	AOTS*	TLPT*
EWTC	ATTS	ECMD	TLTE
IMFC	AUTL	ECME	TLTS
IRTC	AUTS	ECTE	TMMD
LTTC*	AWMD*	ECTS	TMME
OMFC	AWTL	EEMD*	TRMD
OPTC	AWTS	EEME	TRME
OTTC	ECTL	EEPC*	TRTE
TATC	EE03	EETE	TRTS
TCTC	EETL	EETS	TTTE
TFTC	ENTS*	EJ02	TVMD
THTC	EPTL	ENTS*	TVME

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

(Continued)

## Fernald Environmental Management Project 2000

## Appendix B. Most Common Job Titles in Each Job Category

TVTE	ADMD*	0037	CRAFT & REPAIR
TVTS	ADME	0038*	0006
	AHMA	0039	0022
TECHNICAL SUPPORT	AHMB	0051	0024
0035	AHMC	0052	0025
AWMD*	AHMD	0053	0028*
AWME	AIMB	0056	0030*
EOMD*	AOME*	0057	0032
EQTS*	APMB	0075	0034
NCMB	ASMA	0076	0046
NDMB	ATMC	0077	0048
NDMC*	GC12	0080*	0050
NQMB	GC15	0082	0054
NRMB	GCMA	EOMD*	0055
NRMC	GCMB	IRMA*	0060
TCME	GCNB	IRMD*	0067
TCTE	GEMC	NEMC*	0078
TCTS	GMMA	NIMB*	0080*
TEMD	GMMB	OMMD	0085
TEME	GSMB	OMFL*	EEMD*
TETE	GTMB	ONMC*	EOMD*
TETS	GTMC	ONMD	
TSMD*	IIMB	ONME	NUCLEAR SPECIALTIES
TSME*	IIMC	OPMD	0010
TSPT	IIMD*	OPTE	0028*
TSTE	IRMA*	OPTL*	0POT
TSTS	IRMB	OPTS*	OPTL*
TXMD*	IRMC	OTTL*	TSMD*
TXME*	IRMD*	TSME*	TXMD*
TXTE	IRME*	TXMD*	TXME*
TXTS	OIMB		
	ONMC*	SECURITY	
CLERICAL		0038*	
0063*	SERVICE	0063*	
AAMB	0021	ASME	
AAMC	0030*	NYMB*	

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

## Fernald Environmental Management Project 2000

## Appendix C. Work Force Demographics

## Part 1. Percentage of Men in Different Age Groups from 1993 to 2000

	16- 29	30- 39	40- 49	50+
1993	18	34	26	22
1994	17	35	28	21
1995	15	34	30	21
1996	12	34	32	22
1997	12	31	34	23
1998	11	29	35	25
1999	8	28	36	28
2000	8	25	36	31

## Part 2. Percentage of Women in Different Age Groups from 1993 to 2000

	16- 29	30- 39	40- 49	50+
1993	33	34	23	10
1994	32	35	23	10
1995	27	36	27	11
1996	23	36	29	12
1997	21	36	29	14
1998	19	37	28	16
1999	16	36	30	18
2000	12	35	32	21

## Part 3. Percentage of Men in Different Job Categories from 1993 to 2000

Year	Office Management & Administration	Engineering, Scientific, & Health Care	Technical Support	Other Management & Administration	Service	Craft & Repair	Nuclear Specialties
1993	18	21	18	13	4	14	11
1994	26	24	12	7	7	13	11
1995	16	20	8	23	8	13	11
1996	16	21	7	21	11	13	11
1997	13	21	10	17	14	14	11
1998	13	22	10	16	14	14	11
1999	13	22	9	17	15	13	11
2000	14	21	10	16	16	13	10

## Part 4. Percentage of Women in Different Job Categories from 1993 to 2000

Year	Office Management & Administration	Engineering, Scientific, & Health Care	Technical Support	Other Management & Administration	Service	Craft & Repair	Nuclear Specialties
1993	62	9	15	4	4	3	3
1994	53	11	15	9	6	2	3
1995	48	12	7	18	8	2	5
1996	44	12	6	19	12	1	6
1997	37	16	8	17	15	1	6
1998	38	17	7	15	16	1	6
1999	38	16	7	15	18	1	5
2000	38	16	7	15	18	1	5

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

	Women					Men						
	Age Group					Age Group						
	16 -	30 -	40 -			16 -	30 -	40 -			Total	
	29	39	49	50 +	Total	29	39	49	50 +	Total	Total	
Job Category												
Management	0	0	1	0	1	0	0	0	2	2	3	
Administrative	0	2	0	0	2	0	1	3	3	7	9	
Professional	0	5	5	3	13	0	5	9	10	24	37	
Engineering												
Scientific, &												
Health Care	1	14	3	2	20	1	1	6	13	21	41	
Technical												
Support	0	1	1	1	3	0	3	5	0	8	11	
Clerical	8	22	11	10	51	0	1	0	0	1	52	
Service	4	19	15	6	44	15	10	12	6	43	87	
Security	1	1	0	0	2	1	4	1	0	6	8	
Craft &												
Repair	0	0	3	0	3	2	4	23	19	48	51	
Nuclear												
Specialties	1	4	6	6	17	6	11	10	14	41	58	
Total	15	68	45	28	156	25	40	69	67	201	357	

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

	Women					Men				
	Age Group					Age Group				
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total
Job Category										
Management	0	0	2	0	2	0	0	0	2	2
Administrative	0	3	0	0	3	1	3	4	8	11
Professional	0	5	5	3	13	0	6	10	10	26
Engineering										
Scientific, & Health Care	1	15	4	3	23	1	1	6	15	23
Technical Support	0	1	1	1	3	0	3	5	0	8
Clerical	8	24	12	11	55	0	1	0	0	1
Service	4	25	19	11	59	25	15	17	8	65
Security	1	1	0	0	2	1	7	1	0	9
Craft & Repair	0	0	3	0	3	2	5	29	25	61
Nuclear Specialties	1	7	10	6	24	10	14	10	20	54
Total	15	81	56	35	187	39	53	81	84	257

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

	Women					Men				
	Age Group					Age Group				
	16 -	30 -	40 -		Total	16 -	30 -	40 -		Total
# of Calendar Days	29	39	49	50 +	Total	29	39	49	50 +	Total
< 15	3	30	17	11	61	13	16	20	26	75
15 - 28	5	20	13	7	45	16	15	23	19	73
29 - 42	2	11	9	3	25	5	10	8	14	37
43 - 56	2	7	5	5	19	1	3	8	5	17
57 - 91	3	7	7	4	21	4	6	10	7	27
92 - 182	0	6	5	1	12	0	2	11	12	25
183 +	0	0	0	4	4	0	1	1	1	3
Total	15	81	56	35	187	39	53	81	84	257

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

Women											
Job Category											
	Engin-	eerin-	g,	Scien-	tific,	Techn-	Nucle-	Admi n-	Profe-	&	ical
	Manag-	istra-	ssion-	Health,	Suppo-	Clери-	Servi-	Secur-	&	Speci-	
	ement	tion	al	Care	rt	cal	ce	ity	Repair,	alties	Total
# of											
Calendar,											
Days											
%											
< 15	0,	2,	2,	8,	2,	13,	21,	2,	0,	11,	61,
15 - 28	1,	1,	3,	5,	0,	17,	16,	0,	0,	2,	45,
29 - 42	0,	0,	2,	6,	0,	6,	7,	0,	1,	3,	25,
43 - 56	0,	0,	3,	2,	0,	7,	3,	0,	0,	4,	19,
57 - 91	1,	0,	1,	1,	1,	8,	8,	0,	1,	0,	21,
92 - 182	0,	0,	1,	0,	0,	4,	3,	0,	1,	3,	12,
183 +	0,	0,	1,	1,	0,	0,	1,	0,	0,	1,	4,
Total	2,	3,	13,	23,	3,	55,	59,	2,	3,	24,	187,

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

Men											
Job Category											
	Engin-	eerin-	g,	Scien-	tific,	Techn-	Nucle-	Admin-	Profe-	&	ical
	Manag-	istra-	ssion-	Health,	Suppo-	Cleri-	Servi-	Secur-	&	Speci-	
	ement	tion	al	Care	rt	cal	ce	ity	Repair,	alties	Total
# of											
Calendar											
Days											
%											
< 15	1	4	9	4	0	0	14	2	19	22	75
15 - 28	0	1	7	5	3	0	26	2	15	14	73
29 - 42	0	1	3	7	1	1	7	0	11	6	37
43 - 56	0	1	3	0	3	0	3	1	4	2	17
57 - 91	0	0	2	3	0	0	7	3	7	5	27
92 - 182	1	1	1	4	1	0	7	0	5	5	25
183 +	0	0	1	0	0	0	1	1	0	0	3
Total	2	8	26	23	8	1	65	9	61	54	257

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

Diagnostic Category	Women					Men					Total
	16 - 29	30 - 39	40 - 49	50 +	al	16 - 29	30 - 39	40 - 49	50 +	al	
Diagnoses, ICD-9-CM Category Code											
INFECTIOUS & PARASITIC DISEASES (DIS)	0	4	3	2	9	3	0	3	3	9	18
-Other Bacterial Dis	0	1	0	0	1	0	0	0	1	1	2
-Viral Dis with Exanthem	0	0	1	0	1	1	0	1	2	4	5
-Other Viral Dis & Chlamydiae	0	2	2	1	5	2	0	1	0	3	8
-Mycoses	0	1	0	1	2	0	0	0	0	0	2
-Late Effects	0	0	0	0	0	0	0	0	1	0	1
MALIGNANT NEOPLASMS	0	3	3	3	9	0	0	0	5	5	14
-Digestive & Peritoneal	0	0	0	1	1	0	0	0	0	0	1
-Bone, Connective Tissue, Skin	0	2	0	0	2	0	0	0	1	1	3
-Breast	0	0	1	0	1	0	0	0	1	1	2
-Genitourinary	0	0	0	0	0	0	0	0	1	1	1
-Other & Unspecified Sites	0	0	0	2	2	0	0	0	2	2	4
-Carcinoma in situ	0	1	2	0	3	0	0	0	0	0	3

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

(Continued)

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

Diagnostic Category	Women				Men				Total		
	16 - 29	30 - 39	40 - 49	50 +	16 - 29	30 - 39	40 - 49	50 +			
BENIGN & UNCERTAIN NEOPLASMS	1	7	7	1	16	1	3	0	2	6	22
ENDOCRINE/-/ METABOLIC/-/ IMMUNITY	1	1	1	2	5	0	0	3	5	8	13
-Thyroid Gland Disorders	0	1	0	0	1	0	0	0	0	0	1
-Other Endocrine Gland Disorders	0	0	1	0	1	0	0	1	2	3	4
-Other Metabolic & Immunity Disorders	1	0	0	2	3	0	0	2	3	5	8
BLOOD & BLOOD-FORMING ORGANS	0	2	2	0	4	0	1	1	3	5	9
MENTAL DISORDERS	6	22	15	6	49	3	8	7	11	29	78
-Psychoses	0	2	2	0	4	0	0	0	1	1	5
-Non-Psychotic Disorders	6	20	13	6	45	3	7	6	7	23	68
-Alcohol Dependence	0	0	0	0	0	0	0	1	3	4	4
-Drug Dependence	0	0	0	0	0	0	1	0	0	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	1	13	8	4	26	2	2	3	6	13	39

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

(Continued)

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

Diagnostic Category Code	Women					Men					Total
	Age Group					Age Group					
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total	
-Diagnoses of Central Nervous System Disorders, 340-349	0	4	4	1	9	1	0	1	0	2	11
-Diagnoses of Peripheral Nervous System Disorders, 350-359	0	4	1	2	7	0	2	1	1	4	11
-Diagnoses of Eye Disorders, 360-379	1	0	2	1	4	1	0	1	3	5	9
-Diagnoses of Ear, Nose, & Throat Disorders, 380-389	0	5	1	0	6	0	0	0	2	2	8
-Diagnoses of Circulatory System Disorders, 390-459	1	2	1	0	4	0	2	15	20	37	41
-Hypertensive Diseases, 401-405	1	1	0	0	2	0	0	4	8	12	14
-Ischemic Heart Diseases, 410-414	0	0	0	0	0	0	0	3	7	10	10
-Disorders of Pulmonary Circulation, 415-417	0	0	0	0	0	0	0	1	0	1	1
-Other Heart Diseases, 420-429	0	1	0	0	1	0	0	3	0	3	4
-Cerebrovascular Diseases, 430-438	0	0	0	0	0	0	0	0	2	2	2
-Disorders of Veins, Lymphatics, & Other, 451-459	0	0	1	0	1	0	2	4	3	9	10
-Diagnoses of Respiratory System Disorders, 460-519	6	20	9	9	44	5	12	26	20	63	107

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

(Continued)

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

Diagnostic Category	Women					Men				
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total
Respiratory, Infections	1	5	0	0	6	2	3	7	3	15
-Other Dis										
Upper Respiratory, Tract	1	5	5	1	12	1	3	3	4	11
-Pneumonia & Influenza	1	4	2	3	10	1	3	5	4	13
-Chronic Obstructive, Dis										
-Other Respiratory, Dis	2	6	2	5	15	1	3	8	8	20
DIGESTIVE SYSTEM	1	6	2	8	17	1	9	12	24	46
-Oral Cavity, Saliva Glands, Jaw	0	1	0	0	1	0	2	1	0	3
-Esophagus, Stomach, Duodenum	0	1	0	1	2	0	0	1	3	4
-Appendicitis	0	2	0	2	4	0	0	0	0	4
-Hernia	0	0	2	1	3	0	1	6	13	20
-Enteritis, Colitis	0	1	0	0	1	0	2	2	2	6
-Other Intestinal, Dis	0	1	0	0	1	1	1	2	3	7

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

(Continued)

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

Diagnostic Category	Women					Men					Total
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	16 - 29	30 - 39	40 - 49	50 - 59	60 +	
Diagnoses, ICD-9-CM Category Code											
- Other, 570-579											
Digestive Disorders, 580-589		1	0	0	4	5	0	3	0	3	6, 11
GENITOURINARY SYSTEM, 590-599											
- Other, 590-599											
Urinary Disorders, 600-608		0	4	0	0	4	0	0	1	3	4, 8
- Male, 600-608											
Genital Organ Disorders, 610-616											
- Breast Disorders, 610-611			0	1	1	0	2	0	0	0	1, 1, 3
- Pelvic Inflammatory Disorders, 614-616											
- Other, 617-629											
Female Disorders, 630-633		3	18	9	3	33	0	0	0	0	0, 33
PREGNANCY & CHILDBIRTH, 630-633											
- Ectopic & Molar Pregnancy, 630-633		2	0	0	0	2	0	0	0	0	0, 2
SKIN & SUBCUTANEOUS TISSUE, 680-686											
- Infections, 680-686		0	0	0	0	0	3	0	3	2	8, 8
- Other, 700-709		0	1	0	0	1	2	0	0	1	3, 4
MUSCULOSKELETAL & CONNECTIVE TISSUE, 710-739											
LETAL & CONNECTIVE TISSUE, 710-739		1	14	11	6	32	11	27	26	39	103, 135

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

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

Diagnostic Category	Women					Men				
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total
-Arthropathies	0	2	2	3	7	4	3	8	6	21
-Dorsopathies	0	6	3	0	9	5	12	6	27	59
-Rheumatism										
-Excluding Back	0	4	2	3	9	2	11	9	4	26
-Other Dislocations & Acquired Deformities	1	2	4	0	7	0	1	3	2	6
CONGENITAL ANOMALIES	1	1	0	0	2	1	0	0	0	1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	1	5	5	8	19	2	1	14	7	24
-Symptoms	1	5	5	8	19	2	1	14	7	24
INJURY & POISONING	2	14	12	13	41	23	17	25	14	79
-Fracture - Skull	0	1	0	0	1	0	0	0	0	0
-Fracture - Neck, Trunk	0	0	0	1	1	0	0	0	1	1
-Fracture - Upper Limb	0	0	0	0	0	2	0	3	0	5
-Fracture - Lower Limb	0	2	4	1	7	3	1	2	1	7
-Dislocation	0	1	1	3	5	0	2	5	3	10

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

(Continued)

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

Diagnostic Category	Women					Men				
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total
-Sprains & Strains - Back	1	5	0	0	6	4	6	2	2	14
-Sprains & Strains - Other	1	1	2	5	9	10	4	5	0	19
-Open Wound, Head, Neck, Trunk	0	0	0	0	0	0	0	0	2	2
-Open Wound, Upper Limb	0	0	0	0	0	1	1	0	0	2
-Open Wound, Lower Limb	0	0	0	0	0	0	0	0	1	1
-Late Effects of Accident	0	0	0	0	0	1	0	1	2	4
-Superficial Injury	0	0	1	0	1	0	0	0	0	1
-Contusion	0	3	3	1	7	1	0	3	0	4
-Burns	0	0	0	0	0	1	0	0	0	1
-Complications & Unspecified Injuries	0	1	0	0	1	0	1	0	0	1
-Complications of Surgical/Medical Care	0	0	1	2	3	0	2	4	2	8
HEALTH STATUS/HEALTH SERVICE CONTACT	1	2	1	2	6	0	1	1	0	2

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

(Continued)



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

Diagnostic Category	Women				Men				Total
	16 - 29	30 - 39	40 - 49	50 +	16 - 29	30 - 39	40 - 49	50 +	
- Personal & Family History	1	1	0	2	4	0	0	0	4
- Health Services	0	1	0	0	1	0	0	1	0
- Reproductive/Development	0	1	0	0	1	0	0	1	0
- Specific Procedures/Aftercare	0	0	1	0	1	0	1	0	0
<b>Total</b>	<b>28</b>	<b>141</b>	<b>91</b>	<b>67</b>	<b>327</b>	<b>57</b>	<b>83</b>	<b>142</b>	<b>167</b>

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

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

	Women					Men				
	Age Group					Age Group				
	16 -	30 -	40 -	Tot-		16 -	30 -	40 -	Tot-	
	29	39	49	50 +	al	29	39	49	50 +	al
Diagnost ic , ICD- 9- CM										
Category , Code										
INFECTIOUS , 001- 139										
& PARASITIC, DISEASES (DIS)	0,	53,	44,	42,	139,	55,	0,	132,	134,	460,
MALI GNANT , 140- 208,										
NEOPLASMS , 230- 234	0,	71,	75,	261,	407,	0,	0,	0,	321,	728,
BENIGN & , 210- 229,										
UNCERTAIN , 235- 239										
NEOPLASMS ,	45,	296,	220,	56,	617,	8,	57,	0,	39,	721,
ENDOCRINE/- , 240- 279										
METABOLIC/- ,										
IMMUNITY ,	77,	75,	13,	271,	436,	0,	0,	23,	221,	680,
BLOOD & , 280- 289										
BLOOD- FORMING										
ORGANS ,	0,	151,	32,	0,	183,	0,	19,	10,	102,	314,
MENTAL , 290- 319										
DI SORDERS ,	231,	347,	338,	1028,	1944,	57,	204,	169,	525,	2899,
NERVOUS , 320- 389										
SYSTEM (NS), & SENSE										
ORGANS ,	15,	280,	193,	390,	878,	30,	86,	132,	184,	1310,
CIRCULATORY, 390- 459										
SYSTEM ,	77,	106,	34,	0,	217,	0,	41,	588,	783,	1629,
RESPIRATORY, 460- 519										
SYSTEM ,	65,	304,	50,	522,	941,	90,	148,	503,	549,	2231,
DI GESTIVE , 520- 579										
SYSTEM ,	50,	151,	72,	403,	676,	31,	174,	540,	728,	2149,
GENITOURIN- , 580- 629										
ARY SYSTEM ,	36,	810,	300,	77,	1223,	0,	0,	26,	186,	1435,
PREGNANCY & , 630- 677										
CHILDBIRTH ,	32,	0,	0,	0,	32,	0,	0,	0,	0,	32,

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

(Conti nued)

Fernald Environmental Management Project 2000

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

	Women					Men				
	Age Group					Age Group				
	16 -	30 -	40 -	Tot-	al	16 -	30 -	40 -	Tot-	al
Diagnosti c , ICD- 9- CM										
Category , Code										
SKIN & , 680- 709										
SUBCUTANEO- ,										
US TISSUE ,	0,	33,	0,	0,	33,	55,	0,	141,	174,	370,
MUSCULOSKE- , 710- 739										
LETAL & ,										
CONNECTIVE ,										
TISSUE ,	17,	534,	463,	1133,	2147,	246,	1159,	1541,	1622,	4568,
CONGENITAL , 740- 759										
ANOMALIES ,	13,	152,	0,	0,	165,	70,	0,	0,	0,	70,
SYMPTOMS, , 780- 799										
SIGNS, & ,										
ILL- DEFINED, ,										
CONDITIONS ,	50,	85,	106,	517,	758,	40,	16,	484,	199,	739,
INJURY & , 800- 999										
POISONING ,	81,	557,	381,	530,	1549,	520,	541,	900,	508,	2469,

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



Fernald Environmental Management Project 2000

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

Women											
Job Category											
	Engi-	neer-	ing,	Scie-	ntif-	Nucl-	Admi-	ic, & Tech-	Craft,	ear,	Total,
Diagnostic ICD-9-CM Code											
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	2	1	0	6	4	0	0	3, 16
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	0	0	0	4	0	0	0, 1, 5	
-Thyroid Gland Disorders	240-246	0	0	0	0	0	1	0	0	0, 0, 1	
-Other Endocrine Gland Disorders	250-259	0	0	0	0	0	1	0	0	0, 0, 1	
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	0	2	0	0	0, 1, 3	
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	0	2	2	0	0, 0, 4	
MENTAL DISORDERS	290-319	0	0	2	2	0	15	21	0	0, 9, 49	
-Psychoses	290-299	0	0	0	2	0	0	1	0	0, 1, 4	
-Non-Psychotic Disorders	300-302, 306-316	0	0	2	0	0	15	20	0	0, 8, 45	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	3	2	0	3	0	8	4	0	0, 6, 26	

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

(Continued)

Fernald Environmental Management Project 2000

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

Women											
Job Category											
	Engi-	neer-	ing,	Scie-	ntif-	Nucl-	Admi-	ic, & Tech-	Craft,	ear,	Total,
Diagnostic ICD-9-CM Code											
-Other, 340-349											
-Disorders of Central NS	3	0	0	0	0	2	1	0	0	3	9
-Disorders of Peripheral NS	0	1	0	2	0	2	1	0	0	1	7
-Disorders of Eye	0	0	0	0	0	1	1	0	0	2	4
-Dis of Ear & Mastoid	0	1	0	1	0	3	1	0	0	0	6
CIRCULATORY SYSTEM, 390-459											
-Hypertensive	0	0	0	0	0	2	1	0	0	1	4
-Other Heart	0	0	0	0	0	1	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	0	0	0	0	0	0	1	0	0	0	1
RESPIRATORY SYSTEM, 460-519											
-Acute Respiratory Infections	0	0	0	1	0	4	1	0	0	0	6
-Other Dis											
Upper Respiratory Tract	0	1	1	5	1	0	3	1	0	0	12

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

(Continued)

Fernald Environmental Management Project 2000

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

Diagnostic Category	Women													
	Engi- neer- ing, Scie- ntif- , Admi- , Mana- gene- nt	ic- ni st- rati- on	& Prof- essi- onal	Tech- Heal- th	Supp- Cler- ical	Serv- Secu- rity	Craft, & Repa- ir	ear , Spec- ialt- ies	Total					
-Pneumonia & Influenza	0	0	0	1	0	3	5	0	0	1	10			
-Chronic Obstructive Dis	0	1	1	0	1	2	7	0	0	3	15			
-Other Respiratory Dis	0	0	0	0	0	1	0	0	0	0	1			
-DIGESTIVE SYSTEM	0	1	1	0	0	7	3	1	0	4	17			
-Oral Cavity, Saliva Glands, Jaw	0	0	0	0	0	1	0	0	0	0	1			
-Esophagus, Stomach, Duodenum	0	0	0	0	0	0	0	1	0	1	2			
-Appendicitis	0	1	1	0	0	0	1	0	0	1	4			
-Hernia	0	0	0	0	0	2	1	0	0	0	3			
-Enteritis, Colitis	0	0	0	0	0	1	0	0	0	0	1			
-Other Intestinal Dis	0	0	0	0	0	1	0	0	0	0	1			
-Other Digestive Dis	0	0	0	0	0	2	1	0	0	2	5			
-GENITOURINARY SYSTEM	0	0	7	8	0	5	16	0	0	5	41			

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

(Continued)

Fernald Environmental Management Project 2000

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

Women												
Job Category												
	Engi-	neer-	ing,	Scie-	ntif-	Nucl-	Admi-	ic, & Tech-	Craft,	ear,	Mana-	ni st- Prof- Heal - nical,
	gene-	rati-	essi-	th	Supp-	Cler-	Serv-	Secu-	Repa-	ialt-	nt	on
	onal	Care	ort	ical	ice	rity	ir	ies	Total			
Diagnostic ICD-9-CM Code												
Category												
-Other 590-599												
Urinary Dis	0	0	0	2	0	2	0	0	0	0	0	4
-Breast 610-611												
Disorders	0	0	0	0	0	0	1	0	0	1	2	
-Pelvic 614-616												
Inflammatory Dis	0	0	0	0	0	0	2	0	0	0	2	
-Other Female 617-629												
Disorders	0	0	7	6	0	3	13	0	0	4	33	
PREGNANCY & CHILDBIRTH 630-677												
Ectopic & Molar Pregnancy 630-633	0	0	0	0	0	1	0	0	0	1	2	
SKIN & SUBCUTANEOUS TISSUE 680-709												
-Other 700-709	0	0	0	1	0	0	0	0	0	0	1	
MUSCULOSKELE-TAL & CONNECTIVE TISSUE 710-739												
-Arthropathies 710-719	0	0	1	0	0	1	4	0	0	1	7	
-Dorsopathies 720-724	0	0	0	1	1	1	4	0	0	2	9	

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

(Continued)



Fernald Environmental Management Project 2000

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

Women											
Job Category											
	Engi-	neer-	ing,	Scie-	ntif-	Nucl-	Admi-	ic, & Tech-	Craft,	ear,	Total,
Diagnostic ICD-9-CM Code Category											
-Rheumatism, 725-729											
Excluding Back	0	0	1	0	0	3	3	0	2	0	9
-Other Dis &, 730-739											
Acquired Deformities	0	0	0	2	0	2	0	0	3	0	7
CONGENITAL ANOMALIES, 740-759	0	0	0	0	0	1	0	1	0	0	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS, 780-799	0	1	0	2	1	9	4	0	0	2	19
-Symptoms, 780-789	0	1	0	2	1	9	4	0	0	2	19
INJURY & POISONING, 800-999	0	0	1	2	1	15	16	0	1	5	41
-Fracture - Skull, 800-804	0	0	0	0	0	0	0	0	0	1	1
-Fracture - Neck, Trunk, 805-809	0	0	0	0	0	0	0	0	0	1	1
-Fracture - Lower Limb, 820-829	0	0	0	1	0	4	1	0	1	0	7
-Dislocation, 830-839	0	0	1	1	0	1	2	0	0	0	5
-Sprains & Strains - Back, 846-847	0	0	0	0	1	2	3	0	0	0	6

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

(Continued)

Fernald Environmental Management Project 2000

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

Diagnostic Category	Women																																				
	Job Category																																				
	Engi-	neer-	ing,	Scie-	ntif-	Nucl-	Admi-	ic, & Tech-	Craft,	ear,	Mana-	ni st-	Prof-	Heal -	ni cal,	& , Spec-	gene-	rati-	essi-	th	Supp-	Cler-	Serv-	Secu-	Repa-	ialt-	nt	on	onal	Care	ort	ical	ice	rity	ir	ies	Total
-Sprains & Strains - Other	0	0	0	0	0	0	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	6	3	0	0	0	0	0	0	0	0	0	0	0	0	9	
-Superficial Injury	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
-Contusion	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	7	
-Complications & Unspecified Injuries	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1		
-Complications of Surgical/Medical Care	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	3		
-Personal & Family History	0	0	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
-Health Services/Reproduction/Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
-Specific Procedures/Aftercare	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
Total	3	7	23	35	8	96	101	3	6	45	327																										

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

(Continued)

Fernald Environmental Management Project 2000

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

Diagnostic Category	Men											
	Job Category	Engi- neer- ing,	Scie- ntif- ic,	Admi- nistrative, & Tech- nical,	Manu- facturing, Prof- essional, & Spec- ialty	Health Care	Supp- ort	Cler- ical	Serv- ice	Secu- rity	Repa- ir	Total
INFECTIOUS & PARASITIC DISEASES (DIS)		0	0	0	0	2	0	3	0	3	1	9
-Other Bacterial Dis.		0	0	0	0	0	0	0	0	0	1	1
-Viral Dis with Exanthem		0	0	0	0	0	0	1	0	3	0	4
-Other Viral Dis & Chlamydiae		0	0	0	0	1	0	2	0	0	0	3
-Late Effects		0	0	0	0	1	0	0	0	0	0	1
MALIGNANT NEOPLASMS		2	0	0	3	0	0	0	0	0	0	5
-Bone, Connective Tissue, Skin		1	0	0	0	0	0	0	0	0	0	1
-Breast		0	0	0	1	0	0	0	0	0	0	1
-Genitourinary		0	0	0	1	0	0	0	0	0	0	1
-Other & Unspecified Sites		1	0	0	1	0	0	0	0	0	0	2
BENIGN & UNCERTAIN NEOPLASMS		0	0	0	0	0	0	1	1	2	2	6

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

(Continued)



Fernald Environmental Management Project 2000

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

Diagnostic Category	Men											
	Other	340-349	350-359	360-379	380-389	390-409	410-419	420-429	430-439	440-449	450-459	Total
-Diagnoses of, ICD-9-CM Code												
-Diagnoses of, 340-349	0	0	0	0	0	0	0	0	0	0	2	2
-Diagnoses of, 350-359												
-Diagnoses of, 360-379	0	0	0	0	1	0	0	1	0	2	4	
-Diagnoses of, 380-389	0	0	0	0	0	0	0	0	1	0	1	2
-Diagnoses of, 390-409	0	6	2	4	0	0	8	2	9	6	37	
-Diagnoses of, 401-405	0	1	0	0	0	0	4	1	3	3	12	
-Diagnoses of, 410-414	0	1	0	1	0	0	2	0	3	3	10	
-Diagnoses of, 415-417												
-Diagnoses of, 420-429	0	0	0	0	0	0	1	0	0	0	1	
-Diagnoses of, 430-438	0	3	0	0	0	0	0	0	0	0	3	
-Diagnoses of, 440-449	0	0	0	2	0	0	0	0	0	0	2	
-Diagnoses of, 451-459	0	1	2	1	0	0	1	1	3	0	9	

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

(Continued)

Fernald Environmental Management Project 2000

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

Diagnostic Category	Men												
	Job Category												
ICD-9-CM Code	Engi- neer- ing, Scie- ntif- ic, & Tech- Craft, ear, & Spec- ialt- ies	Admi- nistrative, Man- agement, gene- ral	Prof- fessi- onal	Heal- th Care	Supp- port ort	Cler- ical	Serv- ice	Secu- rity	Repa- ir	Oper- ation- al	Total	%	
RESPIRATORY SYSTEM		0	0	7	3	1	0	16	4	18	14	63	
-Acute Respiratory Infections		0	0	1	0	0	0	4	0	5	5	15	
-Other Dis Upper Respiratory Tract		0	0	2	0	1	0	2	0	3	3	11	
-Pneumonia & Influenza		0	0	1	2	0	0	5	1	3	1	13	
-Chronic Obstructive Dis		0	0	0	0	0	0	5	3	7	5	20	
-Other Respiratory Dis		0	0	3	1	0	0	0	0	0	0	4	
DIGESTIVE SYSTEM		0	3	5	6	3	0	2	5	15	7	46	
-Oral Cavity, Saliva Glands, Jaw		0	0	0	0	0	0	0	0	1	2	3	
-Esophagus, Stomach, Duodenum		0	0	0	1	0	0	0	1	0	2	4	
-Hernia		0	2	4	4	2	0	1	0	4	3	20	
-Enteritis, Colitis		0	0	0	1	0	0	0	3	2	0	6	

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

(Continued)

Fernald Environmental Management Project 2000

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

Men													
Job Category													
	Engi-	neer-	ing,	Scie-	ntif-	Nucl-	Admi-	ic, & Tech-	Craft,	ear,	& Spec-		
	gene-	rati-	essi-	th	Supp-	Cler-	Serv-	Secu-	Repa-	ialt-			
	nt	on	onal	Care	ort	ical	ice	rity	ir	ies	Total		
Diagnostic ICD-9-CM Code													
Category													
-Other, 560-569													
Intestinal Dis		0	1	1	0	1	0	1	0	3	0	7	
-Other, 570-579													
Digestive Dis		0	0	0	0	0	0	0	1	5	0	6	
GENITOURINARY, 580-629													
SYSTEM		0	3	0	1	0	0	0	0	4	0	8	
-Other, 590-599													
Urinary Dis		0	3	0	0	0	0	0	0	1	0	4	
-Male Genital, 600-608													
Organ Dis		0	0	0	0	0	0	0	0	3	0	3	
-Breast, 610-611													
Disorders		0	0	0	1	0	0	0	0	0	0	1	
SKIN & SUBCUTANEOUS, 680-709													
TISSUE		0	0	0	1	0	0	4	0	0	6	11	
-Infections, 680-686		0	0	0	1	0	0	3	0	0	4	8	
-Other, 700-709		0	0	0	0	0	0	1	0	0	2	3	
MUSCULOSKELE-, 710-739													
TAL & CONNECTIVE, TISSUE		1	3	13	12	4	1	27	1	19	22	103	
-Arthropathi-, 710-719		es	0	0	3	1	0	0	8	0	3	6	21
-Dorsopathi es, 720-724		0	3	5	9	3	0	10	1	11	8	50	

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

(Continued)

Fernald Environmental Management Project 2000

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

Diagnostic Category	Men											
	Job Category	Engi- neer- ing	Scie- ntif-	Admi- nic & Tech-	Craft, ear	Mana- nist- Prof- Heal- nic	gene- rati- essi- th	Supp- Cler- Serv-	Secu- Repa- ialt-	ir	ies	Total
-Rheumatism, 725-729												
Excluding Back	0	0	4	2	1	1	7	0	4	7	26	
-Other Dis &, 730-739												
Acquired Deformities	1	0	1	0	0	0	2	0	1	1	6	
CONGENITAL ANOMALIES, 740-759	0	0	0	0	0	0	1	0	0	0	1	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS, 780-799	0	2	1	1	2	0	3	0	10	5	24	
-Symptoms, 780-789	0	2	1	1	2	0	3	0	10	5	24	
INJURY & POISONING, 800-999	0	2	9	7	1	0	26	2	13	19	79	
-Fracture - Neck, Trunk, 805-809	0	0	0	1	0	0	0	0	0	0	1	
-Fracture - Upper Limb, 810-819	0	0	0	0	0	0	3	0	2	0	5	
-Fracture - Lower Limb, 820-829	0	0	0	1	0	0	4	0	1	1	7	
-Dislocation, 830-839	0	0	3	2	0	0	1	0	2	2	10	
-Sprains & Strains - Back, 846-847	0	0	0	1	0	0	7	1	3	2	14	

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

(Continued)





Fernald Environmental Management Project 2000

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

Diagnostic Category	Men											
	Job Category											
-Health Services, V20- V29												
Reproduction- /Development	0	0	0	1	0	0	0	0	0	0	0	1
-Specific Procedures/A-ftercare, V50- V59												
Total	3	21	39	41	14	1	103	18	112	97	449	

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

Fernald Environmental Management Project 2000

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

Women											
Job Category											
	Engi-	neer-	ing,	Scie-	ntif-	Nucl-	Admi-	ic, & Tech-	Craft,	ear,	Total,
Diagnostic ICD-9-CM Code											
INFECTIOUS & PARASITIC DISEASES (DIS)	0	14	9	18	7	25	66	0	0	0	139
MALIGNANT NEOPLASMS	0	0	73	280	0	54	0	0	0	0	407
BENIGN & UNCERTAIN NEOPLASMS	0	0	83	42	0	263	154	0	0	75	617
ENDOCRINE/METABOLIC/IMMUNITY	0	0	0	0	0	186	0	0	0	250	436
BLOOD & BLOOD FORMING ORGANS	0	0	0	0	0	151	32	0	0	0	183
MENTAL DISORDERS	0	0	948	66	0	328	339	0	0	263	1944
NERVOUS SYSTEM (NS) & SENSE ORGANS	85	25	0	110	0	220	89	0	0	349	878
CIRCULATORY SYSTEM	0	0	0	0	0	172	34	0	0	11	217
RESPIRATORY SYSTEM	0	25	13	59	7	130	422	10	0	275	941
DIGESTIVE SYSTEM	0	11	24	0	0	127	172	10	0	332	676

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

(Continued)

Fernald Environmental Management Project 2000

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

Women												
Job Category												
Diagnostic Category	ICD-9-CM Code	Engi- neer- ing	Sci- entif-	Admi- nic & Tech-	Craft, ear	Mana- ni st- Prof- Heal - nical	gene- rati- essi- th	Supp- Cler- Serv- Secu- Repa- ialt-	nt on onal Care ort ical ice rity ir ies Total			
GENITOURINARY, 580- 629	SYSTEM	0	0	216	176	0	330	370	0	0	131	1223
PREGNANCY & , 630- 677	CHILDBIRTH	0	0	0	0	0	19	0	0	0	13	32
SKIN & , 680- 709	SUBCUTANEOUS , TISSUE	0	0	0	33	0	0	0	0	0	0	33
MUSCULOSKELE- , 710- 739	TAL & , CONNECTIVE , TISSUE	0	0	996	61	75	165	517	0	179	154	2147
CONGENITAL , 740- 759	ANOMALIES	0	0	0	0	0	152	0	13	0	0	165
SYMPTOMS, , 780- 799	SIGNS, & ILL- , DEFINED , CONDITIONS	0	25	0	18	7	153	293	0	0	262	758
INJURY & , 800- 999	POISONING	0	0	103	47	75	641	419	0	35	229	1549

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

(Continued)

Fernald Environmental Management Project 2000

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

Men											
Job Category											
	Engi-	neer-	ing,	Scie-	ntif-	Nucl-	Admi-	ic, & Tech-	Craft,	ear,	Total,
Diagnosti c , ICD- 9- CM Code , Category											
INFECTIONOUS & PARASITIC DISEASES (DIS)	0	0	0	0	120	0	55	0	41	105	321
MALIGNANT NEOPLASMS	234	190	0	0	131	0	0	0	0	0	321
BENIGN & UNCERTAIN NEOPLASMS	0	0	0	0	0	0	21	23	36	24	104
ENDOCRINE/METABOLIC/IMMUNITY	0	7	0	0	0	0	174	0	16	47	244
BLOOD & BLOOD FORMING ORGANS	0	0	0	0	0	0	19	0	102	10	131
MENTAL DISORDERS	0	0	48	61	0	0	189	90	324	243	955
NERVOUS SYSTEM (NS) & SENSE ORGANS	0	0	7	0	43	0	95	43	95	149	432
CIRCULATORY SYSTEM	0	83	21	152	0	0	464	237	284	171	1412
RESPIRATORY SYSTEM	0	0	309	98	16	0	217	251	160	239	1290
DIGESTIVE SYSTEM	0	43	129	180	84	0	51	275	369	342	1473

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

(Continued)

Fernald Environmental Management Project 2000

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

Men											
Job Category											
Diagnostic Category	ICD-9-CM Code										Total
GENITOURINARY, SYSTEM	580-629	0	44	0	96	0	0	0	0	72	212
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	12	0	0	188	0	0	370
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	181	149	597	501	124	40	1150	59	855	4568
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	0	70	0	0	70
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	50	7	17	136	0	27	0	306	739
INJURY & POISONING	800-999	0	7	203	188	50	0	897	72	538	2469

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

## Fernald Environmental Management Project 2000

## Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined

## Part 1. Age-Adjusted Rates for All Diagnoses Combined by Gender from 1993 to 2000

Rate per 1,000

Year	All Diagnoses Combined					
	Men			Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1993	119	136	156	198	238	286
1994	162	183	207	256	310	375
1995	218	242	269	329	372	420
1996	264	293	326	410	466	530
1997	310	345	385	519	585	660
1998	314	349	388	469	527	591
1999	280	319	363	377	428	486
2000	344	388	437	423	480	544

## Part 2. Age-Adjusted Rates for Selected Diagnostic Categories by Gender from 1993 to 2000

Rate per 1,000 Men

Year	Chronic Respiratory			Digestive			Muscles & Skeleton			Injury		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	3	6	12	10	15	23	15	21	30	22	29	39
1994	4	7	12	9	14	22	29	38	50	33	42	55
1995	4	8	14	11	16	25	38	48	60	45	56	70
1996	5	8	14	18	26	36	44	56	73	72	89	109
1997	6	10	18	17	24	35	62	77	96	66	84	106
1998	4	8	14	19	28	40	51	65	83	76	94	118
1999	7	12	18	12	17	24	27	39	55	81	104	133
2000	9	15	25	22	30	42	68	87	111	72	95	126

Rate per 1,000 Women

Year	Chronic Respiratory Conditions			Digestive System			Musculoskeletal System			Injury & Poisoning		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	10	18	32	11	18	28	11	23	49	14	22	37
1994	7	21	58	13	20	31	30	43	62	23	32	44
1995	10	16	28	19	31	51	33	47	67	40	56	78
1996	17	28	47	25	38	57	37	50	69	34	53	82
1997	20	34	59	14	23	39	55	72	96	61	86	122
1998	7	14	27	23	36	56	56	76	103	73	96	126
1999	7	14	25	16	26	43	36	54	80	76	100	131
2000	14	25	44	16	27	44	29	43	64	42	59	82

## Fernald Environmental Management Project 2000

## Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined

## Part 3. Age-Adjusted Rates for All Diagnoses Combined by Gender and Job Category from 1993 to 2000

## Rate per 1,000 Men

Men	Office Management & Administration			Engineering, Scientific, & Health Care			Technical Support			Other Management & Administration		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	24	44	83	53	78	115	39	62	100	22	51	116
1994	43	66	101	54	79	116	77	111	162	96	209	455
1995	60	100	166	78	109	154	45	79	139	108	143	191
1996	38	58	89	24	42	73	220	328	488	111	150	204
1997	68	145	311	75	112	168	144	231	372	112	166	244
1998	45	72	115	63	92	135	194	278	400	135	215	341
1999	42	68	111	64	102	163	208	368	651	104	142	193
2000	63	95	142	105	152	221	37	63	106	99	138	193

Year	Service			Craft & Repair			Nuclear Specialties		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	158	248	392	210	271	351	296	380	487
1994	294	399	541	246	316	408	300	382	486
1995	228	311	426	360	445	550	572	690	833
1996	200	270	366	422	508	611	702	842	1009
1997	301	378	474	450	578	742	781	929	1104
1998	416	511	627	332	444	592	762	910	1088
1999	330	408	506	218	280	360	534	675	853
2000	454	546	656	376	525	733	663	844	1076

\*In 1993 there was a job category for "other" workers which did not appear for 1994 through 2000. There were 36 workers in this "other" group. These workers were excluded from the figure presented here.

## Rate per 1,000 Women

Women	Office Management & Administration			Engineering, Scientific, & Health Care			Technical Support			Other Management & Administration		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	119	149	187	119	215	391	123	199	324	24	75	234
1994	180	241	321	108	224	462	192	297	458	136	215	342
1995	207	254	312	144	262	475	161	262	425	105	165	259
1996	208	265	337	139	242	421	106	216	438	95	138	202
1997	374	457	560	389	580	865	109	192	338	102	220	473
1998	380	459	554	318	496	776	423	638	962	66	112	191
1999	332	406	498	285	422	625	334	558	932	53	106	212
2000	353	437	541	220	342	531	84	186	410	125	252	507

Year	Service			Craft & Repair			Nuclear Specialties		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	542	858	1359	198	391	771	477	751	1182
1994	504	721	1031	161	310	599	614	921	1382
1995	475	637	854	491	824	1384	1504	1877	2341
1996	969	1189	1458	0	0	0	1492	1859	2317
1997	804	976	1186	323	682	1441	1173	1517	1961
1998	752	917	1118	0	0	0	817	1109	1505
1999	471	596	755	11	76	537	590	846	1214
2000	625	769	946	204	454	1010	855	1211	1716

\*In 1993 there was a job category for "other" workers which did not appear for 1994 through 2000. There were 36 workers in this "other" group. These workers were excluded from the figure presented here.



Fernald Environmental Management Project 2000  
 Appendix M Diseases and Injuries by Diagnostic Category  
 Part 1. Men

Category of Diagnoses	ICD- 9- CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001- 139	9	11. 4	4. 9	26. 3
Malignant Neoplasms	140- 208, 230- 234	5	3. 5	1. 4	8. 6
- Digestive Organs	150- 159	0	0	0	0
- Respiratory System	160- 165	0	0	0	0
- Breast	174- 175	1	0. 6	0. 1	4. 3
- Genitourinary	179- 189	1	1. 1	0. 2	7. 6
- Nervous System	191- 192	0	0	0	0
- Leukemia, Lymphoma	200- 208	0	0	0	0
Benign Neoplasms & Other	210- 229, 235- 239	6	5. 8	2. 1	16. 2
Endocrine & Metabolic Diseases	240- 279	8	4. 5	2. 2	8. 9
Blood & Blood-Forming Organs	280- 289	5	2. 9	1. 2	7. 0
Mental Disorders	290- 319	29	23. 6	14. 8	37. 6
- Alcoholism	303	4	2. 3	0. 9	6. 1
- Drug Abuse	304- 305	1	0. 6	0. 1	4. 5
Nervous System & Sense Organs	320- 389	13	12. 7	6. 3	25. 2
Circulatory System	390- 459	37	22. 4	16. 0	31. 3
- Hypertension	401	12	7. 2	4. 0	12. 9
- Acute Myocardial Infarction	410	1	1. 1	0. 2	7. 6
- Ischemic Disease, not M.I.	411- 414, 429. 2	9	6. 0	3. 0	11. 9
- Cerebrovascular Disease	430- 438	2	1. 2	0. 3	4. 8
Respiratory System	460- 519	63	47. 5	34. 7	65. 0
- Upper Respiratory	460- 465, 470- 478	24	19. 8	11. 7	33. 6
- Pneumonia/Bronchitis	466, 480- 487	15	11. 0	5. 8	20. 6
- Chronic Respiratory Conditions	490- 496	20	14. 7	8. 6	24. 9
Digestive System	520- 579	46	30. 0	21. 7	41. 5
- Hernias	550- 553	20	12. 3	7. 8	19. 3
- Gallbladder Disease	574- 575	3	1. 9	0. 6	5. 8
Genitourinary System	580- 629	8	4. 5	2. 2	8. 9
- Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680- 709	11	16. 8	8. 1	34. 6
Musculoskeletal System	710- 739	103	86. 5	67. 6	110. 5
- Dorsopathies	720- 724	50	42. 5	30. 1	60. 1
Congenital Anomalies	740- 759	1	2. 7	0. 4	19. 2
Certain Perinatal Conditions	760- 779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780- 799	24	17. 0	10. 0	28. 8
Injury & Poisoning	800- 999	79	95. 2	71. 8	126. 3
- Fractures, All Sites	800- 829	13	17. 8	8. 9	35. 3
- Dislocations	830- 839	10	6. 4	3. 3	12. 3
- Sprains & Strains	840- 848	33	48. 7	32. 0	74. 1
- Intracranial Injuries	850- 854	0	0	0	0
- Internal Injuries	860- 869	0	0	0	0
- Open Wounds	870- 897	5	6. 1	2. 1	17. 1
- Other Injuries	900- 999	18	16. 3	8. 8	30. 2
Health Status/Health Serv Contact	V01- V82	2	1. 1	0. 3	4. 5
- Family History of Health Problems	V10- V19	0	0	0	0
- Circumstances Reproduction/Develop	V20- V28	1	0. 5	0. 1	3. 4
- Specific Procedure/Aftercare	V50- V59	1	0. 6	0. 1	4. 5
<b>Total</b>		<b>449</b>	<b>387. 8</b>	<b>344. 0</b>	<b>437. 3</b>

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

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

(Continued)

Fernald Environmental Management Project 2000  
 Appendix M Diseases and Injuries by Diagnostic Category  
 Part 2. Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	9	13.2	6.0	28.7
Malignant Neoplasms	140-208, 230-234	9	11.8	6.0	23.3
- Digestive Organs	150-159	1	1.8	0.3	13.0
- Respiratory System	160-165	0	0	0	0
- Breast	174-175	1	1.1	0.2	8.1
- 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	16	20.3	11.7	35.2
Endocrine & Metabolic Diseases	240-279	5	9.5	3.5	25.4
Blood & Blood-Forming Organs	280-289	4	4.2	1.6	11.3
Mental Disorders	290-319	49	71.6	51.6	99.2
- Alcoholism	303	0	0	0	0
- Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	26	34.9	22.4	54.5
Circulatory System	390-459	4	6.8	2.1	22.2
- Hypertension	401	2	4.7	0.9	23.3
- 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	44	70.5	49.8	99.8
- Upper Respiratory	460-465, 470-478	16	24.9	13.7	45.3
- Pneumonia/Bronchitis	466, 480-487	12	17.3	9.1	32.8
- Chronic Respiratory Conditions	490-496	15	24.7	13.9	43.8
Digestive System	520-579	17	26.5	15.8	44.4
- Hernias	550-553	3	4.1	1.3	13.2
- Gallbladder Disease	574-575	4	7.4	2.8	19.6
Genitourinary System	580-629	41	52.3	36.8	74.3
- Endometriosis	617	6	8.7	3.3	23.1
- Ovarian Cysts	620.0-620.2	2	1.9	0.5	7.7
- Female Genital Pain/Bleeding	625-626	14	20.9	11.3	38.7
Pregnancy & Childbirth**	630-639	2	7.4	1.9	29.6
Skin & Subcutaneous Tissue	680-709	1	1.0	0.1	6.8
Musculoskeletal System	710-739	32	43.0	29.0	63.7
- Dorsopathies	720-724	9	9.2	4.8	17.7
Congenital Anomalies	740-759	2	4.7	0.9	23.3
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	19	33.4	19.9	56.1
Injury & Poisoning	800-999	41	58.5	41.8	81.8
- Fractures, All Sites	800-829	9	11.1	5.7	21.9
- Dislocations	830-839	5	7.6	3.1	18.8
- Sprains & Strains	840-848	15	24.7	13.9	43.8
- Intracranial Injuries	850-854	0	0	0	0
- Internal Injuries	860-869	0	0	0	0
- Open Wounds	870-897	0	0	0	0
- Other Injuries	900-999	12	15.1	8.4	27.1
Health Status/Health Serv Contact	V01-V82	6	10.4	4.2	26.0
- Family History of Health Problems	V10-V19	4	8.3	2.8	24.7
- Circumstances Reproduction/Develop	V20-V28	1	1.0	0.1	6.8
- Specific Procedure/Aftercare	V50-V59	1	1.1	0.2	8.1
<b>Total</b>		<b>327</b>	<b>479.9</b>	<b>423.4</b>	<b>543.8</b>

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

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

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

(Continued)

Fernald Environmental Management Project 2000  
Appendix M Diseases and Injuries by Diagnostic Category  
Part 3. Men and Women

Category of Diagnoses	ICD- 9- CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001- 139	18	10. 9	6. 2	19. 3
Malignant Neoplasms	140- 208, 230- 234	14	6. 2	3. 6	10. 6
- Digestive Organs	150- 159	1	0. 5	0. 1	3. 2
- Respiratory System	160- 165	0	0	0	0
- Breast	174- 175	2	0. 8	0. 2	3. 2
- Genitourinary	179- 189	1	0. 8	0. 1	6. 0
- Nervous System	191- 192	0	0	0	0
- Leukemia, Lymphoma	200- 208	0	0	0	0
Benign Neoplasms & Other	210- 229, 235- 239	22	10. 7	6. 4	17. 8
Endocrine & Metabolic Diseases	240- 279	13	6. 5	3. 4	12. 3
Blood & Blood-Forming Organs	280- 289	9	3. 5	1. 8	6. 8
Mental Disorders	290- 319	78	41. 0	31. 2	54. 0
- Alcoholism	303	4	1. 7	0. 6	4. 6
- Drug Abuse	304- 305	1	0. 4	0. 1	2. 7
Nervous System & Sense Organs	320- 389	39	19. 8	13. 6	28. 8
Circulatory System	390- 459	41	19. 1	13. 6	26. 9
- Hypertension	401	14	7. 3	4. 0	13. 5
- Acute Myocardial Infarction	410	1	0. 8	0. 1	6. 0
- Ischemic Disease, not M I.	411- 414, 429. 2	9	4. 5	2. 2	9. 1
- Cerebrovascular Disease	430- 438	2	0. 9	0. 2	3. 6
Respiratory System	460- 519	107	56. 3	44. 7	71. 0
- Upper Respiratory	460- 465, 470- 478	40	21. 5	14. 6	31. 5
- Pneumonia/Bronchitis	466, 480- 487	27	13. 3	8. 5	20. 8
- Chronic Respiratory Conditions	490- 496	35	18. 6	12. 5	27. 6
Digestive System	520- 579	63	29. 3	22. 2	38. 5
- Hernias	550- 553	23	10. 2	6. 7	15. 7
- Gallbladder Disease	574- 575	7	3. 0	1. 4	6. 4
Genitourinary System	580- 629	49	22. 2	15. 9	30. 9
- Benign Prostatic Hypertrophy	600	0	0	0	0
- Endometriosis	617	6	3. 4	1. 2	9. 4
- Ovarian Cysts	620. 0- 620. 2	2	0. 8	0. 2	3. 0
- Female Genital Pain/Bleeding	625- 626	14	7. 5	3. 9	14. 6
Pregnancy & Childbirth**	630- 639	2	3. 1	0. 8	12. 5
Skin & Subcutaneous Tissue	680- 709	12	10. 6	5. 4	20. 8
Musculoskeletal System	710- 739	135	70. 8	57. 9	86. 7
- Dorsopathies	720- 724	59	31. 9	23. 6	43. 1
Congenital Anomalies	740- 759	3	3. 5	1. 0	12. 3
Certain Perinatal Conditions	760- 779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780- 799	43	21. 0	14. 7	29. 9
Injury & Poisoning	800- 999	120	77. 2	61. 8	96. 5
- Fractures, All Sites	800- 829	22	14. 2	8. 4	24. 1
- Dislocations	830- 839	15	6. 7	3. 9	11. 5
- Sprains & Strains	840- 848	48	37. 3	26. 3	52. 8
- Intracranial Injuries	850- 854	0	0	0	0
- Internal Injuries	860- 869	0	0	0	0
- Open Wounds	870- 897	5	4. 1	1. 5	10. 9
- Other Injuries	900- 999	30	14. 9	9. 6	23. 2
Health Status/Health Serv Contact	V01- V82	8	4. 3	1. 8	10. 1
- Family History of Health Problems	V10- V19	4	2. 8	0. 9	9. 4
- Circumstances Reproduction/Develop	V20- V28	2	0. 7	0. 2	2. 9
- Specific Procedure/Aftercare	V50- V59	2	0. 7	0. 2	2. 9
<b>Total</b>		<b>776</b>	<b>416. 0</b>	<b>381. 8</b>	<b>453. 3</b>

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

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

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

## Fernald Environmental Management Project 2000

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

Diagnostic Category	Management 50 Person-Years				Administration 121 Person-Years				Professional 303 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	3	0.4	0.1	1.2	9	0.4	0.2	0.8	37	0.6	0.5	0.9
Infectious & Parasitic Diseases	0				1	1.3	0.2	9.0	1	0.4	0.05	3.1
Benign & Uncertain Neoplasms	0				0				2	0.6	0.1	2.7
Endocrine/Metabolic/Immunity	0				1	1.7	0.2	14.0	0			
Mental Disorders	0				0				2	0.3	0.1	1.0
Nervous System & Sense Organs	1	2.0	0.3	14.0	1	0.6	0.1	4.5	1	0.2	0.02	1.4
Circulatory System	0				3	1.2	0.4	4.1	2	0.4	0.1	1.6
Respiratory System	0				1	0.3	0.04	1.8	5	0.4	0.2	1.1
Digestive System	0				3	0.8	0.3	2.7	6	0.7	0.3	1.7
Genitourinary System	0				1	0.6	0.1	5.1	5	0.9	0.3	2.3
Musculoskeletal & Connective Tissue	1	0.4	0.1	2.8	2	0.3	0.1	1.3	11	0.7	0.4	1.4
Symptoms, Signs, & Ill-Defined Conditions	0				3	1.5	0.5	5.0	1	0.2	0.02	1.2
Injury & Poisoning	0				1	0.2	0.03	1.5	9	0.6	0.3	1.3
- Fracture-Lower Limb	0				0				0			
- Dislocation	0				0				4	2.1	0.6	6.8
- Sprains & Strains-Back	0				0				0			
- Sprains & Strains-Other	0				0				2	0.6	0.1	2.8
- Complications of Surgical/ Medical Care	0				0				1	0.6	0.1	4.5

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

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

\*\*\*CI = Confidence Limit

(Continued)

## Fernald Environmental Management Project 2000

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

Diagnostic Category	Engineering, Scientific, & Health Care 383 Person-Years				Technical Support 171 Person-Years				Clerical 230 Person-Years			
	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	41	0.5	0.4	0.7	11	0.4	0.2	0.6	52	0.9	0.7	1.3
Infectious & Parasitic Diseases	1	0.3	0.05	2.1	2	2.1	0.4	9.7	2	0.6	0.1	2.6
Benign & Uncertain Neoplasms	1	0.2	0.03	1.7	0				6	1.6	0.5	4.5
Endocrine/Metabolic/Immunity	0				0				4	5.5	0.8	38.9
Mental Disorders	4	0.4	0.2	1.2	0				9	1.0	0.4	2.4
Nervous System & Sense Organs	2	0.3	0.1	1.2	1	0.4	0.05	3.1	8	1.3	0.5	3.1
Circulatory System	3	0.4	0.1	1.5	0				2	1.6	0.2	11.7
Respiratory System	6	0.4	0.2	0.9	2	0.3	0.1	1.4	8	0.6	0.3	1.3
Digestive System	4	0.3	0.1	1.0	3	0.7	0.2	2.2	6	1.0	0.4	2.8
Genitourinary System	7	1.1	0.5	2.5	0				5	0.4	0.2	1.2
Musculoskeletal & Connective Tissue	11	0.5	0.3	1.0	4	0.5	0.2	1.3	6	0.6	0.3	1.4
Symptoms, Signs, & Ill-Defined Conditions	2	0.3	0.1	1.1	3	1.2	0.3	3.9	6	1.1	0.4	2.9
Injury & Poisoning	8	0.4	0.2	0.8	2	0.3	0.1	1.0	13	1.0	0.5	2.1
- Fracture-Lower Limb	2	0.8	0.2	3.8	0				4	2.6	0.6	11.7
- Dislocation	3	1.1	0.3	4.1	0				1	0.5	0.04	5.9
- Sprains & Strains-Back	1	0.3	0.04	1.9	1	0.7	0.1	5.4	2	0.9	0.2	5.3
- Sprains & Strains-Other	0				0				6	2.3	0.6	8.3
- Complications of Surgical/Medical Care	1	0.5	0.1	3.8	1	1.1	0.1	8.3	1	0.7	0.1	9.0

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

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

\*\*\*CI = Confidence Limit

(Continued)

## Fernald Environmental Management Project 2000

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

Diagnostic Category	Service 301 Person-Years				Security 31 Person-Years				Craft & Repair 183 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	87	1.7	1.3	2.1	8	1.6	0.8	3.2	51	2.1	1.5	2.8
Infectious & Parasitic Diseases	5	2.3	0.6	8.2	0				3	4.9	1.0	25.2
Benign & Uncertain Neoplasms	3	0.8	0.2	2.6	1	5.2	0.7	41.6	2	3.1	0.6	15.9
Endocrine/Metabolic/Immunity	1	0.7	0.1	4.8	0				1	1.1	0.1	9.3
Mental Disorders	13	2.1	1.1	4.1	1	1.8	0.2	13.2	8	3.9	1.5	9.8
Nervous System & Sense Organs	4	0.7	0.2	1.9	1	2.8	0.4	21.4	3	1.9	0.5	7.6
Circulatory System	5	1.7	0.6	4.4	2	3.9	0.9	16.7	7	1.9	0.8	4.5
Respiratory System	25	3.2	1.9	5.3	4	4.3	1.5	11.8	8	1.7	0.8	3.8
Digestive System	5	0.7	0.2	1.8	5	6.8	2.7	17.3	10	2.2	1.0	4.5
Genitourinary System	10	2.1	1.0	4.5	0				3	4.0	0.9	18.4
Musculoskeletal & Connective Tissue	23	1.9	1.2	3.1	1	0.6	0.1	4.5	17	2.1	1.2	3.6
Symptoms, Signs, & Ill-Defined Conditions	6	1.1	0.4	2.8	0				7	3.1	1.2	7.9
Injury & Poisoning	29	1.8	1.1	2.8	2	1.3	0.3	5.3	12	1.9	1.0	3.5
- Fracture-Lower Limb	4	1.4	0.5	4.3	0				2	3.4	0.8	13.7
- Dislocation	2	1.1	0.2	5.4	0				2	1.5	0.3	7.1
- Sprains & Strains-Back	6	2.5	0.8	7.3	1	3.6	0.5	27.9	3	3.8	0.9	16.1
- Sprains & Strains-Other	9	1.6	0.7	3.5	1	2.3	0.3	17.9	3	2.3	0.6	8.6
- Complications of Surgical/Medical Care	2	1.6	0.3	8.1	0				0			

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

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

\*\*\*CI = Confidence Limit

(Continued)

## Fernald Environmental Management Project 2000

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

Diagnostic Category	Nuclear Specialties 168 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	58	2.2	1.7	3.0	357
Infectious & Parasitic Diseases	1	0.8	0.1	6.0	16
Benign & Uncertain Neoplasms	5	5.1	1.8	14.6	20
Endocrine/Metabolic/Immunity	3	5.4	1.2	24.1	10
Mental Disorders	9	3.1	1.5	6.4	46
Nervous System & Sense Organs	10	6.2	2.8	13.5	32
Circulatory System	5	2.0	0.8	5.3	29
Respiratory System	10	2.0	1.0	3.9	69
Digestive System	9	2.1	1.0	4.5	51
Genitourinary System	4	2.3	0.8	6.6	35
Musculoskeletal & Connective Tissue	16	2.1	1.2	3.6	92
Symptoms, Signs, & Ill-Defined Conditions	7	2.8	1.2	6.6	35
Injury & Poisoning	19	2.6	1.5	4.3	95
- Fracture-Lower Limb	1	0.9	0.1	7.9	13
- Dislocation	2	1.7	0.4	7.4	14
- Sprains & Strains-Back	2	1.5	0.3	6.8	16
- Sprains & Strains-Other	5	2.2	0.8	6.1	26
- Complications of Surgical/Medical Care	4	6.7	1.9	23.1	10

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

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

\*\*\*CI = Confidence Limit

## Fernald Environmental Management Project 2000

## Appendix 0. Sentinel Health Events for Occupations (SHEO)

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

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

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

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

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

(Continued)



## Fernald Environmental Management Project 2000

## Appendix 0. Sentinel Health Events for Occupations (SHEO)

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

(Continued)

Fernald Environmental Management Project 2000  
 Appendix 0. Sentinel Health Events for Occupations (SHEO)

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

Fernald Environmental Management Project 2000

OSHA Data

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

	Women				Men					
	Age Group				Age Group					
	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total	Total
Job Category										
Professional	0	1	0	1	0	0	0	2	2	3
Engineering,										
Scientific, & Health,										
Care	0	0	0	0	0	0	0	1	1	1
Clerical	0	1	0	1	0	0	0	0	0	1
Service	1	1	1	3	1	1	0	0	2	5
Craft & Repair	0	0	0	0	0	1	2	1	4	4
Nuclear Specialties	0	0	1	1	0	1	1	2	4	5
Total	1	3	2	6	1	3	3	6	13	19

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

Fernald Environmental Management Project 2000

OSHA Data

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

	Women	Men	Total
Days			
# of Restr- Days			
Events, icted, Lost			
Age Group			
16 - 29	0	0	0
30 - 39	1	11	0
40 - 49	3	9	0
50 +	2	109	0
Total	6	129	0

Fernald Environmental Management Project 2000

OSHA Data

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

	Women	Men	Total
	Days	Days	Days
	# of Restr- Events, icted , Lost	# of Restr- Events, icted , Lost	# of Restr- Events, icted , Lost
Job Category			
Professional	1, 0, 0	2, 0, 0	3, 0, 0
Engineering, Scientific, & Health Care	0, 0, 0	1, 10, 0	1, 10, 0
Clerical	1, 0, 0	0, 0, 0	1, 0, 0
Service	3, 20, 0	2, 2, 0	5, 22, 0
Craft & Repair	0, 0, 0	4, 3, 0	4, 3, 0
Nuclear Specialties	1, 109, 0	4, 100, 0	5, 209, 0
Total	6, 129, 0	13, 115, 0	19, 244, 0

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

Fernald Environmental Management Project 2000

OSHA Data

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

Diagnostic Category	Women					Men					
	Age Group					Age Group					
	30 - 39	40 - 49	50 - 59	60 - 69	70 +	16 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 +
SKIN & SUBCUTANEOUS TISSUE	0	0	0	0	0	0	0	0	1	1	1
-Other											
Inflammatory Conditions	0	0	0	0	0	0	0	0	1	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	0	0	1	1	0	0	2	0	2	3	3
-Arthropathies	0	0	1	1	0	0	0	0	0	0	1
-Dorsopathies	0	0	0	0	0	0	0	2	0	2	2
INJURY & POISONING	2	3	3	8	1	5	5	6	17	25	25
-Fracture - Neck, Trunk	0	0	0	0	0	0	0	0	1	1	1
-Fracture - Upper Limb	0	0	1	1	0	0	0	2	2	3	3
-Fracture - Lower Limb	0	0	0	0	0	1	0	0	1	1	1
-Dislocation	0	0	1	1	0	0	0	0	0	0	1
-Sprains & Strains - Back	1	1	0	2	0	2	1	0	3	5	5
-Sprains & Strains - Other	1	1	1	3	0	1	1	1	3	6	6
-Open Wound - Head, Neck, Trunk	0	0	0	0	0	1	0	0	1	1	1

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

(Continued)

Fernald Environmental Management Project 2000

OSHA Data

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

Diagnostic Category	Women					Men				
	Age Group	Age Group	Age Group	Age Group	Total	Age Group	Age Group	Age Group	Age Group	Total
	30 - 39	40 - 49	50 - 59	60 - 69	70 +	16 - 29	30 - 39	40 - 49	50 - 59	60 +
- Open Wound - , 880- 887										
Upper Limb	0	0	0	0	1	0	2	0	3	3
- Superficial , 910- 919										
Injury	0	0	0	0	0	0	1	0	1	1
- Contusion , 920- 924	0	1	0	1	0	0	0	2	2	3
Total	2	3	4	9	1	5	7	7	20	29

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





Fernald Environmental Management Project 2000

OSHA Data

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

```

..#####...#####
,
,                               Men
,                               #####%
,                               ,
,                               Age Group
,                               #####%
,                               , 16 - 29 , 30 - 39 , 40 - 49 , 50 + ,
,                               #####%
,                               , Days, , Days, , Days, , Days, ,
,                               , Res-, , Res-, , Res-, , Res-, ,
,                               , tri-, Days, tri-, Days, tri-, Days, tri-, Days,
,                               , cted, Lost, cted, Lost, cted, Lost, cted, Lost,
#####~#####~#####~#####~#####~#####~#####~#####%
, Diagnostic , ICD- 9- CM Codes, , , , , , , , ,
, Category , , , , , , , , ,
#####~#####%
, -Other , 690- 698 , , , , , , , , ,
, Inflammatory ,
, Conditions , , 0, 0, 0, 0, 0, 0, 0, 0,
#####~#####~#####~#####~#####~#####~#####~#####%
, -Dorsopathies, 720- 724 , , 0, 0, 0, 0, 5, 0, 0, 0,
#####~#####~#####~#####~#####~#####~#####~#####%
, -Fracture - , 805- 809 , , , , , , , , , ,
, Neck, Trunk , , 0, 0, 0, 0, 0, 0, 10, 0,
#####~#####~#####~#####~#####~#####~#####~#####%
, -Fracture - , 810- 819 , , , , , , , , , ,
, Upper Limb , , 0, 0, 0, 0, 0, 0, 24, 0,
#####~#####~#####~#####~#####~#####~#####~#####%
, -Fracture - , 820- 829 , , 0, 0, 71, 0, 0, 0, 0, 0,
#####~#####~#####~#####~#####~#####~#####~#####%
, -Sprains & , 846- 847 , , , , , , , , , ,
, Strains - ,
, Back , , 0, 0, 2, 0, 5, 0, 0, 0,
#####~#####~#####~#####~#####~#####~#####~#####%
, -Sprains & , 840- 845, 848 , , , , , , , , , ,
, Strains - ,
, Other , , 0, 0, 2, 0, 0, 0, 0, 0,
#####~#####~#####~#####~#####~#####~#####~#####%
, -Open Wound -, 870- 879 , , , , , , , , , ,
, Head, Neck, ,
, Trunk , , 0, 0, 3, 0, 0, 0, 0, 0,
#####~#####~#####~#####~#####~#####~#####~#####%
, -Open Wound -, 880- 887 , , 0, 0, 0, 0, 0, 0, 0, 0,
#####~#####~#####~#####~#####~#####~#####~#####%
, -Superficial , 910- 919 , , , , , , , , , ,
, Injury , , 0, 0, 0, 0, 0, 0, 0, 0,
#####~#####~#####~#####~#####~#####~#####~#####%
, -Contusion , 920- 924 , , 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/age combinations with at least one occurrence appear in this table.

Fernald Environmental Management Project 2000

OSHA Data

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

	Women					Men				
	Age Group					Age Group				
	30 -	40 -				16 -	30 -	40 -		
	39	49	50 +	Total	Total	29	39	49	50 +	Total
Type of Accident										
Motor Vehicle, E810-E819										
Traffic	0	0	0	0	0	1	1	0	2	2
Falls, E880-E888	1	1	2	4	0	0	0	5	5	9
Other Accidents, E916-E928										
	0	2	0	2	1	2	2	0	5	7

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











Fernald Environmental Management Project 2000

OSHA Data

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

Women									
Job Category	Nuclear	Professional	Clerical	Service	Specialties	Days	Res-	Days	Res-
-Arthropathies, 710-719	0	0	0	0	0	0	0	0	0
-Fracture - Upper Limb, 810-819	0	0	0	0	0	0	0	109	0
-Dislocation, 830-839	0	0	0	0	0	0	0	0	0
-Sprains & Strains - Back, 846-847	0	0	0	0	11	0	0	0	0
-Sprains & Strains - Other, 840-845, 848	0	0	0	0	11	0	0	0	0
-Contusion, 920-924	0	0	0	0	9	0	0	0	0

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

(Continued)









Fernald Environmental Management Project 2000

OSHA Data

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

		Men						
		Job Category						
		Engi-	neer-	ing,	Sci-	ntif-	Nucl-	
		ic, &	Craft,	ear,	Prof-	Heal-	&	Spec-
		essi-	th,	Serv-	Repa-	ialt-	onal,	Care,
		ice,	ir,	ies,	Total,			
Type of	E CODES							
Accident								
Motor Vehicle,	E810-E819							
Traffic		0,	0,	1,	1,	0,	2,	
Falls	E880-E888	1,	1,	0,	1,	2,	5,	
Other	E916-E928							
Accidents		0,	0,	1,	2,	2,	5,	

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





## Fernald Environmental Management Project 2000

## OSHA Data

## Appendix AA. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined and Injury by Gender

## Part 1. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Among Women by Job Category from 1993 to 2000\*

## Rate per 1,000 Women

Women	Office Management & Administration			Engineering, Scientific, & Health Care			Technical Support			Other Management & Administration		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	8	22	66	1	9	62	6	41	288	0	0	0
1994	10	22	47	0	0	0	41	97	231	7	28	113
1995	1	5	19	2	11	81	0	0	0	1	6	39
1996	8	22	56	1	6	41	3	22	154	0	0	0
1997	7	18	47	0	0	0	9	38	150	1	6	42
1998	0	0	0	2	9	34	7	30	123	0	0	0
1999	2	8	23	9	25	66	0	0	0	0	0	0
2000	1	3	24	0	0	0	0	0	0	1	6	44

Year	Service			Craft & Repair			Nuclear Specialties		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	4	26	181	116	273	643	14	57	227
1994	74	200	540	29	91	282	27	84	262
1995	2	11	81	35	110	347	24	79	254
1996	7	22	68	0	0	0	18	58	185
1997	22	46	97	0	0	0	46	112	274
1998	7	25	91	0	0	0	0	0	0
1999	13	33	82	0	0	0	31	82	219
2000	21	49	112	0	0	0	3	20	141

\*In 1993 there was a job category for "other" workers which did not appear for 1994 through 2000. There were 36 workers in this "other" group. These workers were excluded from the figure presented here.

(Continued)

## Fernald Environmental Management Project 2000

## OSHA Data

## Appendix AA. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined and Injury by Gender

## Part 2. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Among Men by Job Category from 1993 to 2000\*

## Rate per 1,000 Men

Men	Office Management & Administration			Engineering, Scientific, & Health Care			Technical Support			Other Management & Administration		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	0	0	0	<1	1	10	11	23	47	0	0	0
1994	1	6	28	3	9	25	10	24	61	1	5	33
1995	2	8	34	4	11	35	<1	3	22	0	0	0
1996	<1	3	21	1	4	30	0	0	0	<1	2	14
1997	1	4	28	11	27	66	<1	3	24	2	10	41
1998	0	0	0	1	7	53	0	0	0	0	0	0
1999	0	0	0	<1	2	14	1	5	38	2	8	34
2000	0	0	0	<1	3	22	0	0	0	3	11	48

Year	Service			Craft & Repair			Nuclear Specialties		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	27	63	147	34	61	111	41	73	131
1994	13	33	83	40	66	112	45	78	137
1995	19	46	114	29	55	105	55	94	161
1996	9	22	54	25	56	128	25	49	97
1997	7	19	52	14	40	116	1	10	71
1998	5	16	52	12	26	56	9	28	81
1999	10	24	58	7	17	41	0	0	0
2000	6	16	44	10	24	57	18	38	79

\*In 1993 there was a job category for "other" workers which did not appear for 1994 through 2000. There were 36 workers in this "other" group. These workers were excluded from the figure presented here.

## Part 3. Age-Adjusted Rates for Injury by Gender from 1993 to 2000

## Rate per 1,000

Year	Injury Men			Injury Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1993	15	21	30	12	24	49
1994	16	22	32	18	36	70
1995	17	24	35	7	12	22
1996	10	16	24	9	17	33
1997	11	18	30	12	21	36
1998	6	12	21	3	7	19
1999	6	11	22	10	17	29
2000	7	12	22	5	11	22



## Fernald Environmental Management Project 2000

## OSHA Data

## Appendix BB. OSHA Diseases and Injuries by Diagnostic Category

## Part 1. Men

Category of Diagnoses	ICD- 9- CM Code	Number of Diagnoses	Age-Adj usted 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	1	0.6	0.1	4.3
Musculoskeletal System	710- 739	2	1.0	0.2	3.9
- Dorsopathies	720- 724	2	1.0	0.2	3.9
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	17	12.3	6.9	22.1
- Fractures, All Sites	800- 829	4	2.9	1.1	8.0
- Dislocations	830- 839	0	0	0	0
- Sprains & Strains	840- 848	6	3.5	1.5	7.7
- Intracranial Injuries	850- 854	0	0	0	0
- Internal Injuries	860- 869	0	0	0	0
- Open Wounds	870- 897	4	4.3	1.2	15.8
- Other Injuries	900- 999	3	1.7	0.5	5.3
Health Status/Health Serv Contact	V01- V82	0	0	0	0
- Family History of Health Problems	V10- V19	0	0	0	0
- Circumstances Reproduction/Develop	V20- V28	0	0	0	0
- Specific Procedure/Aftercare	V50- V59	0	0	0	0
Total		20	13.9	8.2	23.7

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

(Continued)

## Fernald Environmental Management Project 2000

## OSHA Data

## Appendix BB. OSHA Diseases and Injuries by Diagnostic Category

## Part 2. Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	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
- 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	1	1.8	0.3	13.0
- 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	10.9	5.3	22.3
- Fractures, All Sites	800-829	1	1.8	0.3	13.0
- Dislocations	830-839	1	1.8	0.3	13.0
- Sprains & Strains	840-848	5	6.0	2.4	15.0
- Intracranial Injuries	850-854	0	0	0	0
- Internal Injuries	860-869	0	0	0	0
- Open Wounds	870-897	0	0	0	0
- Other Injuries	900-999	1	1.1	0.2	8.1
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		9	12.7	6.5	25.0

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

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

(Continued)

## Fernald Environmental Management Project 2000

## OSHA Data

## Appendix BB. OSHA Diseases and Injuries by Diagnostic Category

## Part 3. Men and Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	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
- Endometriosis	617	0	0	0	0
- Ovarian Cysts	620.0-620.2	0	0	0	0
- Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	1	0.5	0.1	3.2
Musculoskeletal System	710-739	3	1.1	0.4	3.5
- Dorsopathies	720-724	2	0.7	0.2	2.7
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	0	0	0	0
Injury & Poisoning	800-999	25	11.4	7.3	17.8
- Fractures, All Sites	800-829	5	2.6	1.0	6.5
- Dislocations	830-839	1	0.5	0.1	3.2
- Sprains & Strains	840-848	11	4.2	2.3	7.5
- Intracranial Injuries	850-854	0	0	0	0
- Internal Injuries	860-869	0	0	0	0
- Open Wounds	870-897	4	2.6	0.7	9.2
- Other Injuries	900-999	4	1.6	0.6	4.3
Health Status/Health Serv Contact	V01-V82	0	0	0	0
- Family History of Health Problems	V10-V19	0	0	0	0
- Circumstances Reproduction/Develop	V20-V28	0	0	0	0
- Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		<b>29</b>	<b>13.0</b>	<b>8.6</b>	<b>19.6</b>

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

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

## Fernald Environmental Management Project 2000

## OSHA Data

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

Diagnostic Category	Management 50 Person-Years				Administration 121 Person-Years				Professional 303 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	0				0				3	1.0	0.3	3.5
Injury & Poisoning	0				0				2	0.7	0.2	3.0

Diagnostic Category	Engineering, Scientific, & Health Care 383 Person-Years				Technical Support 171 Person-Years				Clerical 230 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	1	0.2	0.03	1.8	0				1	0.4	0.05	2.9
Injury & Poisoning	1	0.2	0.03	1.9	0				1	0.4	0.05	2.9

Diagnostic Category	Service 301 Person-Years				Security 31 Person-Years				Craft & Repair 183 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	5	2.3	0.7	7.4	0				4	2.5	0.8	7.9
Injury & Poisoning	5	2.4	0.8	7.9	0				4	2.9	0.9	9.5

Diagnostic Category	Nuclear Specialties 168 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	5	3.6	1.3	10.2	19
Injury & Poisoning	5	4.0	1.4	11.4	18

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

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

\*\*\*CI = Confidence Limit