

FERNALD 1998

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

	Women					Men					
	Age Group					Age Group					%
	16 -	30 -	40 -		Total	16 -	30 -	40 -		Total	Total
	29	39	49	50 +	Total	29	39	49	50 +	Total	Total
Job Category											
Management	0	1	3	0	4	0	8	22	21	51	55
Administrative	0	10	5	4	19	0	27	49	38	114	133
Professional	16	37	39	11	103	9	74	101	54	238	341
Engineering											
Scientific and Health											
Care	19	50	33	10	112	38	100	112	69	319	431
Technical											
Support	16	17	11	6	50	11	59	44	26	140	190
Clerical	47	84	53	48	232	9	10	4	4	27	259
Service	18	38	30	19	105	50	53	48	26	177	282
Security	1	3	1	0	5	7	5	10	7	29	34
Craft and Repair	1	3	2	1	7	9	40	77	75	201	208
Nuclear											
Specialties	7	9	14	9	39	23	39	46	46	154	193
Total	125	252	191	108	676	156	415	513	366	1450	2126

APPENDIX B. Most Common Job Titles in Each Job Category

THIS WILL BE ADDED WHEN COMPLETE.

Appendix C. Work Force Demographics

Part 1. Percentage of Men in Different Age Groups from 1993 to 1998

	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

Part 2. Percentage of Women in Different Age Groups from 1993 to 1998

	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

(CONTINUED)

Appendix C. Work Force Demographics

Part 3. Percentage of Men in Different Job Categories from 1993 to 1998

Year	Admini- stration	Engineering, Scientific, and Health Care	Techni cal Support	Other Management and Admini stration
1993	18	21	18	13
1994	26	24	12	7
1995	16	20	8	23
1996	16	21	7	21
1997	13	21	10	17
1998	13	22	10	16

Year	Service	Craft and Repair	Nuclear Special ties
1993	4	14	11
1994	7	13	11
1995	8	13	11
1996	11	13	11
1997	14	14	11
1998	14	14	11

Part 4. Percentage of Women in Different Job Categories from 1993 to 1998

Year	Admini- stration	Engineering, Scientific, and Health Care	Techni cal Support	Other Management and Admini stration
1993	62	9	15	4
1994	53	11	15	9
1995	48	12	7	18
1996	44	12	6	19
1997	37	16	8	17
1998	38	17	7	15

Year	Service	Craft and Repair	Nuclear Special ties
1993	4	3	3
1994	6	2	3
1995	8	2	5
1996	12	1	6
1997	15	1	6
1998	16	1	6

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

	Women					Men				
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total
Job Category										
Management	0	0	1	0	1	0	0	2	1	3
Administrative	0	1	0	0	1	0	0	3	2	5
Professional	0	4	5	1	10	1	6	16	7	30
Engineering, Scientific, and Health Care	0	5	4	5	14	2	6	5	5	18
Technical Support	4	4	1	2	11	0	1	3	3	7
Clerical	7	21	13	9	50	0	4	0	0	4
Service	6	19	7	6	38	16	12	9	5	42
Security	0	0	0	0	0	1	1	0	1	3
Craft and Repair	0	0	0	0	0	2	9	21	20	52
Nuclear Specialties	2	5	8	3	18	8	15	16	14	53
Total	19	59	39	26	143	30	54	75	58	217

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

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

Job Category	Women					Men					
	Age Group					Age Group					
	16 - 29	30 - 39	40 - 49	50 +	Total	16 - 29	30 - 39	40 - 49	50 +	Total	
Management	0	0	1	0	1	0	0	3	1	4	5
Administrative	0	2	0	0	2	0	0	3	2	5	7
Professional	0	4	5	1	10	1	6	16	8	31	41
Engineering, Scientific, and Health Care	0	7	5	8	20	2	7	5	5	19	39
Technical Support	4	5	1	4	14	0	1	3	4	8	22
Clerical	11	25	17	12	65	0	4	0	0	4	69
Service	10	26	12	9	57	20	15	11	5	51	108
Security	0	0	0	0	0	4	1	0	2	7	7
Craft and Repair	0	0	0	0	0	3	11	24	23	61	61
Nuclear Specialties	5	8	10	3	26	13	21	25	18	77	103
Total	30	77	51	37	195	43	66	90	68	267	462

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

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 -			16 -	30 -	40 -			
	29	39	49	50 +	Total	29	39	49	50 +	Total	Total
# of Calendar Days											
< 15	11	35	20	13	79	16	19	36	18	89	168
15 - 28	10	22	11	11	54	11	18	24	19	72	126
29 - 42	1	8	7	5	21	5	8	8	8	29	50
43 - 56	2	4	5	1	12	2	7	12	8	29	41
57 - 91	4	3	5	3	15	8	6	8	4	26	41
92 - 182	1	4	2	3	10	1	7	2	8	18	28
183 +	1	1	1	1	4	0	1	0	3	4	8
Total	30	77	51	37	195	43	66	90	68	267	462

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

	Women					Men						
	Age Group					Age Group					%	
	16 -	30 -	40 -	Tot-		16 -	30 -	40 -	Tot-		al	
	29	39	49	50 +	al	29	39	49	50 +	al	al	
Diagn- , ICD-9-												
ostic , CM												
Categ- , Code												
ory												
INFE- , 001-												
TIOUS , 139												
&												
PARAS-												
ITIC												
DISEA-												
SES												
(DIS)		1	1	4	2	8	0	7	1	1	9	17
-Inte- , 001-												
stinal , 009												
Infec-												
tious												
Dis		0	0	0	0	0	0	1	0	0	1	1
-Other, 030-												
Bacte- , 041												
rial												
Dis		0	1	3	0	4	0	3	0	0	3	7
-Other, 070-												
Viral , 079												
Dis &												
Chlam-												
ydiae		1	0	1	2	4	0	2	1	1	4	8
-Myc- , 110-												
ses , 118		0	0	0	0	0	0	1	0	0	1	1
MALIG- , 140-												
NANT , 208,												
NEOPL- , 230-												
ASMS , 234		1	1	0	2	4	0	0	1	3	4	8
- Bone, , 170-												
Conne- , 173,												
ctive , 176												
Ti ssu-												
e,												
Skin		0	0	0	0	0	0	0	1	0	1	1
- Brea- , 174-												
st , 175		0	1	0	1	2	0	0	0	0	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*

	Women					Men					
	Age Group					Age Group					
	16 -	30 -	40 -	Tot-		16 -	30 -	40 -	Tot-		Tot-
	29	39	49	50 +	al	29	39	49	50 +	al	al
Diagn- , ICD-9-											
ostic , CM											
Categ- , Code											
ory											
-Geni- , 179-											
touri- , 189											
nary	0	0	0	0	0	0	0	0	0	3	3
-Other, 190,											
& , 193-											
Unspe- , 199											
cified,											
Sites	0	0	0	1	1	0	0	0	0	0	1
-Lymp- , 200-											
hatic , 208											
&											
Hemat-											
opoi e-											
tic	1	0	0	0	1	0	0	0	0	0	1
BENIGN, 210-											
& , 229,											
UNCER- , 235-											
TAIN , 239											
NEOPL-											
ASMS	0	2	2	0	4	0	1	1	1	3	7
ENDOC- , 240-											
RINE/- , 279											
METAB-											
OLIC/- ,											
IMMUN-											
ITY	0	4	2	0	6	0	4	7	1	12	18
-Thyr- , 240-											
oid , 246											
Gland											
Di sor-											
ders	0	1	1	0	2	0	1	0	0	1	3
-Other, 250-											
Endoc- , 259											
rine											
Gland											
Dis	0	2	0	0	2	0	2	6	1	9	11

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

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

	Women					Men					
	Age Group					Age Group					%
	16 -	30 -	40 -	Tot-	al	16 -	30 -	40 -	Tot-	Tot-	
	29	39	49	50 +		29	39	49	50 +		
Diagn- , ICD-9-											
ostic , CM											
Categ- , Code											
ory ,											
-Other, 270-											
Metab-, 279											
olic &											
Immun-											
ity ,											
Di sor-											
ders ,	0	1	1	0	2	0	1	1	0	2	4
BLOOD , 280-											
& , 289											
BLOOD-											
FORM-											
NG											
ORGANS,	2	0	1	0	3	1	0	0	0	1	4
MENTAL, 290-											
DISOR-, 319											
ERS ,	7	10	15	4	36	7	8	15	6	36	72
- Psych-, 290-											
hoses , 299	1	1	1	1	4	2	0	1	2	5	9
- Non- , 300-											
Psych-, 302,											
otic , 306-											
Di sor-, 316											
ders ,	6	9	13	3	31	5	7	12	2	26	57
- Al co-, 303											
hol ,											
Depen-											
dence ,	0	0	0	0	0	0	1	1	2	4	4
- Drug , 304-											
Depen-, 305											
dence ,	0	0	1	0	1	0	0	1	0	1	2
NERVO-, 320-											
US , 389											
SYSTEM											
(NS) &											
SENSE ,											
ORGANS,	4	7	6	4	21	1	7	11	2	21	42

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

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

	Women					Men					
	Age Group					Age Group					%
	16 -	30 -	40 -	Tot-		16 -	30 -	40 -	Tot-		al
	29	39	49	50 +	al	29	39	49	50 +	al	al
Diagn- ICD-9-											
ostic CM											
Categ- Code											
ory											
- Here- 330-											
di tar- 337											
y/Deg-											
enera-											
tive											
Centr-											
al NS											
Dis	0	0	0	0	0	0	0	0	3	0	3, 3,
- Other, 340-											
Disor- 349											
ders											
of											
Centr-											
al NS	2	2	1	0	5	0	0	0	2	0	2, 7,
- Di so- 350-											
rders 359											
of											
Peri p-											
heral											
NS	1	3	2	1	7	0	1	1	0	2	9,
- Di so- 360-											
rders 379											
of Eye,	0	2	0	3	5	1	2	2	2	7	12,
- Dis 380-											
of Ear, 389											
&											
Masto-											
id	1	0	3	0	4	0	4	3	0	7	11,
CIRCU- 390-											
LATORY, 459											
SYSTEM	1	1	7	3	12	2	8	15	19	44	56,
- Hype- 401-											
rtens- 405											
ive											
Dis	1	0	4	2	7	1	1	9	3	14	21,

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

(CONTINUED)

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

	Women					Men						
	Age Group					Age Group					%	
	16 -	30 -	40 -	Tot-	al	16 -	30 -	40 -	Tot-	Tot-		
	29	39	49	50 +		29	39	49	50 +	al		
Diagn- ICD-9-												
ostic CM												
Categ- Code												
ory												
- Isch- 410-												
emic 414												
Heart												
Dis	0	0	0	0	0	0	0	0	2	8	10	10
- Dis 415-												
of 417												
Pulmo-												
nary												
Circu-												
lation	0	0	0	0	0	0	0	0	0	2	2	2
- Other 420-												
Heart 429												
Dis	0	0	1	1	2	1	7	1	2	11	13	
- Cere- 430-												
brova- 438												
scular												
Dis	0	0	0	0	0	0	0	0	2	0	2	2
- Dis 451-												
of 459												
Veins												
Lymph-												
atics												
Other	0	1	2	0	3	0	0	1	4	5	8	
RESPI- 460-												
RATORY 519												
SYSTEM	6	13	16	10	45	4	10	18	14	46	91	
- Acute 460-												
Respi- 466												
ratory												
Infec-												
tions	1	1	2	2	6	2	3	3	1	9	15	

*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
	Age Group					Age Group					
	16 -	30 -	40 -	Total		16 -	30 -	40 -	Total		
Diagn- ICD-9-											
ostic ,CM											
Categ-, Code											
ory											
-Appe-, 540-											
ndici-, 543											
tis	0	2	1	0	3	0	2	1	0	3	6
-Hern-, 550-											
ia ,553	0	0	1	2	3	0	0	5	10	15	18
-Ente-, 555-											
ritis, 558											
Colit-											
is	0	0	2	0	2	0	0	1	0	1	3
-Other, 560-											
Intes-, 569											
tinal											
Dis	1	2	2	1	6	0	1	0	0	1	7
-Other, 570-											
Diges-, 579											
tive											
Dis	0	4	2	1	7	0	0	3	3	6	13
GENIT-, 580-											
OURIN-, 629											
ARY											
SYSTEM	7	18	7	6	38	1	4	6	7	18	56
-Neph-, 580-											
ritis, 589											
Nephr-											
osis	0	0	1	0	1	0	1	0	0	1	2
-Other, 590-											
Urina-, 599											
ry Dis,	0	3	2	3	8	1	0	4	5	10	18
-Male , 600-											
Genit-, 608											
al											
Organ											
Dis	0	0	0	0	0	3	2	2	7	7	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*

	Women					Men					
	Age Group					Age Group					%
	16 -	30 -	40 -	Tot-		16 -	30 -	40 -	Tot-		Tot-
	29	39	49	50 +	al	29	39	49	50 +	al	al
Diagn- ICD-9-											
ostic CM											
Categ- Code											
ory											
-Brea- 610-											
st 611											
Disor-											
ders	0	0	2	1	3	0	0	0	0	0	3
-Pelv- 614-											
ic 616											
Infla-											
mmato-											
ry Dis	0	1	0	0	1	0	0	0	0	0	1
-Other 617-											
Femal e 629											
Disor-											
ders	7	14	2	2	25	0	0	0	0	0	25
PREGN- 630-											
ANCY & 677											
CHILD-											
BIRTH	1	1	0	0	2	0	0	0	0	0	2
-Ecto- 630-											
pic & 633											
Molar											
Pregn-											
ancy	1	1	0	0	2	0	0	0	0	0	2
SKIN & 680-											
SUBCU- 709											
TANEO-											
US											
TISSUE	0	2	0	0	2	1	0	2	1	4	6
-Infe- 680-											
ctions 686	0	0	0	0	0	0	0	2	0	2	2
-Other 690-											
Infla- 698											
mmato-											
ry											
Condi-											
tions	0	1	0	0	1	0	0	0	0	0	1

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

(CONTINUED)

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

	Women					Men				
	Age Group					Age Group				
	16 -	30 -	40 -	Tot-	al	16 -	30 -	40 -	Tot-	al
	29	39	49	50 +		29	39	49	50 +	
Diagn- ICD-9-										
ostic CM										
Categ- Code										
ory										
-Other, 700-										
	709	0	1	0	0	1	1	0	0	1
MUSCU- 710-										
LOSKE- 739										
LETAL										
&										
CONNE-										
CTIVE										
TISSUE,	7	24	11	11	53	13	19	36	22	90
-Arth- 710-										
ropat- 719										
hi es	1	3	2	4	10	2	4	4	4	14
-Dors- 720-										
opath- 724										
ies	3	9	5	5	22	8	14	20	10	52
-Rheu- 725-										
matiss- 729										
m										
Exclu-										
ding										
Back	3	4	2	2	11	2	0	8	7	17
-Other, 730-										
Dis & 739										
Acqui-										
red										
Defor-										
mities	0	8	2	0	10	1	1	4	1	7
CONGE- 740-										
NITAL 759										
ANOMA-										
LIES	1	0	0	0	1	1	0	0	2	3

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

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

	Women					Men						
	Age Group					Age Group						
	16 -	30 -	40 -	Tot-		16 -	30 -	40 -	Tot-		Tot-	
	29	39	49	50 +	al	29	39	49	50 +	al	al	
Diagn-, ICD-9-												
ostic ,CM												
Categ-, Code												
ory												
SYMPT-, 780-												
OMS, 799												
SIGNS,												
& ILL-												
DEFIN-												
ED												
COND.		7	10	15	1	33	5	12	11	6	34	67
-Symp-, 780-												
toms ,789		6	9	15	1	31	5	12	11	6	34	65
-Non-, 790-												
Speci-, 796												
fi c												
Abnor-												
mal												
Findi-												
ngs		1	0	0	0	1	0	0	0	0	0	1
-Ill-, 797-												
Defin-, 799												
ed &												
Unkno-												
wn												
Causes,		0	1	0	0	1	0	0	0	0	0	1
INJURY, 800-												
AND ,999												
POISO-												
NING		7	40	14	11	72	28	34	37	15	114	186
-Frac-, 800-												
ture -, 804												
Skull		0	1	0	0	1	0	1	0	0	1	2
-Frac-, 805-												
ture -, 809												
Neck,												
Trunk		1	1	0	0	2	0	0	0	0	0	2

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

(CONTINUED)

Appendix H. Number of Diagnoses 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
Diagn- , ICD-9-										
ostic , CM										
Categ- , Code										
ory										
-Frac- , 810-										
ture - , 819										
Upper										
Limb	0	0	0	1	1	0	2	0	1	3
-Frac- , 820-										
ture - , 829										
Lower										
Limb	0	1	1	1	3	3	2	2	1	8
-Disl- , 830-										
ocati- , 839										
on	0	1	1	0	2	4	4	6	3	17
-Spra- , 846-										
ins & , 847										
Strai-										
ns -										
Back	4	18	3	5	30	2	8	9	1	20
-Spra- , 840-										
ins & , 845										
Strai- , 848										
ns -										
Other	1	7	3	3	14	10	7	7	4	28
-Intr- , 850-										
acran- , 854										
ial										
Injury	0	1	0	0	1	1	0	0	0	1
-Inte- , 860-										
rnal , 869										
Injury										
Thora-										
x,										
Abdom-										
en,										
Pelvis,	1	0	0	0	1	0	0	0	0	1

*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 - 59	Total	16 - 29	30 - 39	40 - 49	50 - 59	Total
Diagnoses, ICD-9-CM, Category										
- Open Wound, 870-879										
Head, Neck, Trunk	0	0	0	0	0	2	2	0	0	4
- Open Wound, 880-887										
Upper Limb	0	0	0	0	0	2	0	0	0	2
- Open Wound, 890-897										
Lower Limb	0	0	1	0	1	0	2	1	0	3
- Late Effects, 905-909										
Superficial Injury, 910-919										
- Contusion, 920-924	0	3	2	0	5	3	1	6	0	10
- Foreign Body, Entering, Orifice										
- Complications & Unspecified, Injuries	0	1	1	0	2	0	1	2	0	3

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

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

	Women					Men					
	Age Group					Age Group					%
	16 -	30 -	40 -	Tot-		16 -	30 -	40 -	Tot-		Tot-
	29	39	49	50 +	al	29	39	49	50 +	al	al
Diagn- ICD-9-											
ostic CM											
Categ- Code											
ory											
-Unsp-, 990-											
eci fi-, 995											
ed											
Effec-											
ts -											
Exter-											
nal											
Causes,	0	3	0	1	4	0	1	1	1	3	7
-Comp-, 996-											
licat-, 999											
ions											
of											
Surgi-											
cal/M,											
edical,											
Care	0	0	1	0	1	0	0	0	2	2	3
HEALTH, V01-											
STATU-, V82											
S/HEA-											
LTH											
SERVI-											
CE											
CONTA-											
CT	1	2	1	0	4	0	1	1	3	5	9
-Pers-, V10-											
onal & V19											
Fami ly,											
Hi sto-											
ry	0	0	1	0	1	0	0	1	3	4	5
- Heal -, V20-											
th , V29											
Servi -											
ces											
Repro-											
ducti-											
on/De-											
velop-											
ment	1	1	0	0	2	0	0	0	0	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*

	Women					Men				
	Age Group					Age Group				
	16 -	30 -	40 -	Tot-	al	16 -	30 -	40 -	Tot-	al
Diagn- ICD-9-										
ostic ,CM										
Categ- Code										
ory										
- Spec- V50-										
ific V59										
Proce-										
dures-										
/Afte-										
rcare	0	1	0	0	1	0	1	0	0	1
Total	54	148	111	58	371	68	123	174	118	483

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

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
Diagnos- tic Category, %										
Infecti- ons/Par- asites	14	10	306	198	528	0	121	9	10	140
Cancers	306	13	0	182	501	0	0	11	218	229
Benign Growths	0	44	82	0	126	0	40	46	11	97
Endocri- ne/Meta- bolic	0	125	27	0	152	0	212	279	31	522
Blood	14	0	70	0	84	12	0	0	0	12
Mental	227	244	460	270	1201	205	183	260	305	953
Nervous System	102	118	135	96	451	13	97	239	36	385
Heart/C- irculat- ory	20	19	211	209	459	76	284	411	448	1219
Respi ra- tory	35	140	197	175	547	95	199	276	265	835
Di gesti- ve	20	185	340	87	632	40	96	310	519	965
Geni tou- rinary	80	389	231	78	778	26	97	98	239	460
Mi scarr- iage	14	12	0	0	26	0	0	0	0	26
Skin	0	27	0	0	27	14	0	175	17	206
Muscles and Skeleton	292	646	547	352	1837	358	1298	1021	1594	4271

*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)

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

	Women					Men					
	Age Group					Age Group					
	16 -	20 -	30 -	40 -	Tot-	16 -	20 -	30 -	40 -	Tot-	Tot-
Diagnos-	20	0	0	0	20	14	0	0	52	66	86
tic											
Category,											
Existing,											
Birth											
Condi ti-											
on											
Unspeci-											
fied											
Symptoms,	186	144	320	15	665	83	277	171	151	682	1347
Injury	338	612	384	266	1600	790	1108	701	866	3465	5065

*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.

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

Women										
Job Category										
	Engi-	neer-	ing,	Scie-	ntif-	ic,	Nucl-	Admi-	and Tech-	ear,
	Mana-	ni st-	Prof-	Heal-	ni cal,	Spec-	gene-	rati-	essi-	th Supp-
	Cler-	Serv-	ial t-	nt	on	onal	Care	ort	ical	ice
	ies	Total								
Diagnostic ICD-9-CM Code Category										
INFECTIOUS & PARASITIC DISEASES (DIS)	0	0	0	2	0	2	3	1	8	
-Other Bacterial Dis.	0	0	0	0	0	1	2	1	4	
-Other Viral Dis & Chlamydiae	0	0	0	2	0	1	1	0	4	
MALIGNANT NEOPLASMS	0	0	1	0	2	1	0	0	4	
-Breast	0	0	1	0	1	0	0	0	2	
-Other & Unspecified Sites	0	0	0	0	1	0	0	0	1	
-Lymphatic & Hematopoietic	0	0	0	0	0	1	0	0	1	
BENIGN & UNCERTAIN NEOPLASMS	0	0	1	0	0	2	1	0	4	
ENDOCRINE/METABOLIC/IMMUNITY	0	0	0	2	0	2	1	1	6	
-Thyroid Gland Disorders	0	0	0	1	0	0	1	0	2	

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

(CONTINUED)

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

Women										
Job Category										
Diagnosic Category	ICD-9-CM Code									
- Other	250-259									
Endocrine Gland Disorders		0	0	0	0	0	2	0	0	2
- Other	270-279									
Metabolic & Immunity Disorders		0	0	0	1	0	0	0	1	2
BLOOD & BLOOD FORMING ORGANS	280-289									
MENTAL DISORDERS	290-319	0	0	1	1	0	7	20	7	36
- Psychoses	290-299	0	0	0	1	0	3	0	0	4
- Non-Psychotic Disorders	300-302, 306-316									
- Drug Dependence	304-305	0	0	0	0	0	0	0	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389									
- Other	340-349									
Diorders of Central NS		0	0	0	0	1	1	1	2	5
- Disorders of Peripheral NS	350-359	0	0	1	1	2	0	3	0	7

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

(CONTINUED)

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

Women										
Job Category										
	Engi-	neer-	ing,	Scie-	ntif-	ic,	Nucl-	Admi-	and Tech-	ear
	Mana-	ni st-	Prof-	Heal-	ni cal,	Spec-	gene-	rati-	essi-	th Supp-
	Cler-	Serv-	ial t-	nt	on	onal	Care	ort	ical	ice
	ies	Total								
Diagnostic ICD-9-CM Code										
Category										
- Disorders of, 360-379										
Eye	0	0	0	2	0	3	0	0	0	5
- Dis of Ear &, 380-389										
Mastoid	0	0	0	0	0	2	0	2	0	4
CIRCULATORY , 390-459										
SYSTEM	0	0	0	0	3	6	1	2	0	12
- Hypertensive, 401-405										
Dis	0	0	0	0	2	2	1	2	0	7
- Other Heart , 420-429										
Dis	0	0	0	0	1	1	0	0	0	2
- Dis of , 451-459										
Veins,										
Lymphatics,										
Other	0	0	0	0	0	3	0	0	0	3
RESPIRATORY , 460-519										
SYSTEM	1	0	3	5	5	19	7	5	0	45
- Acute , 460-466										
Respiratory										
Infections	0	0	0	1	1	2	0	2	0	6
- Other Dis , 470-478										
Upper										
Respiratory										
Tract	0	0	3	2	1	4	1	2	0	13
- Pneumonia & , 480-487										
Influenza	1	0	0	2	1	6	4	0	0	14

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

(CONTINUED)

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

Women										
Job Category										
	Engi-	neer-	ing,	Scie-	ntif-	ic,	Nucl-	Admi-	and Tech-	ear
	Mana-	ni st-	Prof-	Heal-	ni cal,	Spec-	gene-	rati-	essi-	th Supp-
	Cler-	Serv-	ial t-	nt	on	onal	Care	ort	ical	ice
	ies	Total								
Diagnostic , ICD-9- CM Code ,										
Category										
- Chronic , 490- 496										
Obstructive ,										
Dis	0,	0,	0,	0,	1,	6,	2,	1,	10,	
-Other , 510- 519										
Respiratory ,										
Dis	0,	0,	0,	0,	1,	1,	0,	0,	2,	
DIGESTIVE , 520- 579										
SYSTEM	0,	0,	0,	4,	1,	13,	6,	3,	27,	
-Oral Cavity, , 520- 529										
Saliva										
Glands, Jaw	0,	0,	0,	0,	0,	3,	1,	0,	4,	
- Esophagus, , 530- 537										
Stomach,										
Duodenum	0,	0,	0,	0,	0,	1,	1,	0,	2,	
- Appendicitis, 540- 543										
	0,	0,	0,	2,	0,	1,	0,	0,	3,	
- Hernia , 550- 553										
	0,	0,	0,	0,	1,	0,	1,	1,	3,	
- Enteritis, , 555- 558										
Colitis	0,	0,	0,	0,	0,	0,	0,	2,	2,	
-Other , 560- 569										
Intestinal										
Dis	0,	0,	0,	0,	0,	4,	2,	0,	6,	
- Other , 570- 579										
Digestive Dis,	0,	0,	0,	2,	0,	4,	1,	0,	7,	
GENITOURINARY, 580- 629										
SYSTEM	0,	1,	1,	5,	1,	16,	14,	0,	38,	

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

(CONTINUED)

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

Women										
Job Category										
	Engi-	neer-	ing,	Scie-	ntif-	ic,	Nucl-	Admi-	and Tech-	ear,
	Mana-	ni st-	Prof-	Heal-	ni cal,	Spec-	gene-	rati-	essi-	th Supp-
	Cler-	Serv-	ial t-	nt	on	onal	Care	ort	ical	ice
	ies	Total								
Diagnostic ICD-9-CM Code Category										
-Nephritis, 580-589										
Nephrosis	0	0	0	1	0	0	0	0	0	1
-Other 590-599										
Urinary Dis	0	0	0	3	0	5	0	0	0	8
-Breast 610-611										
Disorders	0	0	0	0	0	0	3	0	0	3
-Pelvic 614-616										
Inflammatory										
Dis	0	0	0	0	0	0	1	0	0	1
-Other Female, 617-629										
Disorders	0	1	1	1	1	11	10	0	0	25
PREGNANCY & CHILDBIRTH 630-677										
	0	1	0	0	1	0	0	0	0	2
-Ectopic & Molar 630-633										
Pregnancy	0	1	0	0	1	0	0	0	0	2
SKIN & SUBCUTANEOUS 680-709										
TISSUE	0	0	0	0	0	0	1	1	1	2
-Other 690-698										
Inflammatory										
Conditions	0	0	0	0	0	0	1	0	0	1
-Other 700-709										
	0	0	0	0	0	0	0	1	0	1

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

(CONTINUED)

FERNALD 1998

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

Women										
Job Category										
	Engi-	neer-	ing,	Sci-	ntif-	ic,	Nucl-	Admi-	and Tech-	ear
	Mana-	ni st-	Prof-	Heal-	ni cal,	Spec-	gene-	rati-	essi-	th Supp-
	Cler-	Serv-	ial t-	nt	on	onal	Care	ort	ical	ice
	ies	Total								
Diagnostic ICD-9-CM Code										
Category										
MUSCULOSKELE-										
TAL &										
CONNECTIVE										
TISSUE	0,	0,	4,	6,	4,	9,	19,	11,	53,	
-Arthropathi-										
es	0,	0,	2,	1,	0,	1,	2,	4,	10,	
-Dorsopathi										
es, 720-724	0,	0,	0,	4,	4,	4,	8,	2,	22,	
-Rheumatism,										
725-729										
Excludi ng										
Back	0,	0,	0,	0,	0,	4,	3,	4,	11,	
-Other Dis &										
730-739										
Acquired										
Deformi ties	0,	0,	2,	1,	0,	0,	6,	1,	10,	
CONGENITAL										
740-759										
ANOMALIES	0,	0,	0,	0,	1,	0,	0,	0,	1,	
SYMPTOMS,										
780-799										
SIGNS, & ILL-										
DEFINED COND.,	0,	1,	3,	3,	2,	8,	14,	2,	33,	
-Symptoms										
780-789	0,	0,	3,	3,	1,	8,	14,	2,	31,	
-Non-Speci fi c,										
790-796										
Abnormal										
Fi ndi ngs	0,	0,	0,	0,	1,	0,	0,	0,	1,	
-Ill-Defi ned										
797-799										
& Unknown										
Causes	0,	1,	0,	0,	0,	0,	0,	0,	1,	
INJURY AND										
800-999										
POISONING	0,	0,	2,	5,	3,	30,	22,	10,	72,	

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

(CONTINUED)

FERNALD 1998

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

Women										
Job Category										
	Engi-	neer-	ing,	Sci-	ntif-	ic,	Nucl-	Admi-	and Tech-	ear
	Mana-	ni st-	Prof-	Heal-	ni cal,	Spec-	gene-	rati-	essi-	th Supp-
	Cler-	Serv-	ial t-	nt	on	onal	Care	ort	ical	ice
	ies , Total									
Diagnostic , ICD-9- CM Code ,										
Category										
- Fracture - , 800- 804	0,	0,	0,	0,	0,	1,	0,	0,	1,	1,
Skull										
- Fracture - , 805- 809	0,	0,	0,	0,	0,	1,	0,	1,	1,	2,
Neck, Trunk										
- Fracture - , 810- 819	0,	0,	1,	0,	0,	0,	0,	0,	0,	1,
Upper Limb										
- Fracture - , 820- 829	0,	0,	0,	0,	0,	2,	1,	0,	0,	3,
Lower Limb										
- Dislocation , 830- 839	0,	0,	0,	0,	0,	1,	1,	0,	0,	2,
- Sprains & , 846- 847										
Strains -										
Back	0,	0,	0,	1,	2,	9,	15,	3,	30,	30,
- Sprains & , 840- 845, 848										
Strains -										
Other	0,	0,	0,	1,	0,	7,	4,	2,	14,	14,
- Intracranial , 850- 854										
Injury	0,	0,	0,	0,	0,	1,	0,	0,	0,	1,
- Internal , 860- 869										
Injury -										
Thorax,										
Abdomen,										
Pelvis	0,	0,	0,	0,	0,	0,	0,	1,	1,	1,
- Open Wound - , 890- 897										
Lower Limb	0,	0,	0,	0,	0,	1,	0,	0,	0,	1,
- Late Effects, 905- 909	0,	0,	1,	2,	0,	1,	0,	0,	0,	4,
- Contusion , 920- 924	0,	0,	0,	0,	0,	5,	0,	0,	0,	5,

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

(CONTINUED)

FERNALD 1998

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

Women										
Job Category										
	Engi-	neer-	ing,	Scie-	ntif-	ic,	Nucl-	Admi-	and Tech-	ear
	Mana-	ni st-	Prof-	Heal-	ni cal,	Spec-	gene-	rati-	essi-	th Supp-
	Cler-	Serv-	ial t-	nt	on	onal	Care	ort	ical	ice
	ies	Total								
Diagnostic , ICD-9- CM Code ,										
Category										
-Complicatio-, 958- 959										
ns &										
Unspeci fied										
Injuries	0,	0,	0,	0,	1,	1,	0,	0,	2,	
-Unspeci fied , 990- 995										
Effects -										
External										
Causes	0,	0,	0,	1,	0,	0,	1,	2,	4,	
-Complicatio-, 996- 999										
ns of										
Surgi cal /Med-										
ical Care	0,	0,	0,	0,	0,	0,	0,	1,	1,	
HEALTH , V01- V82										
STATUS/HEALTH,										
SERVICE										
CONTACT	0,	0,	0,	0,	0,	0,	4,	0,	4,	
-Personal & , V10- V19										
Family										
Hi story	0,	0,	0,	0,	0,	0,	1,	0,	1,	
- Heal th , V20- V29										
Servi ces										
Reproducti on-										
/Devel opment	0,	0,	0,	0,	0,	0,	2,	0,	2,	
- Speci fi c , V50- V59										
Procedures/A-										
ftercare	0,	0,	0,	0,	0,	0,	1,	0,	1,	
Total	1,	3,	17,	37,	28,	122,	117,	47,	372,	

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

(CONTINUED)

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- and Tech- Craft, ear Mana- nist- Prof- Heal- nic, and Spec- gene- rati- essi- th Supp- Cler- Serv- Secu- Repa- ialt- nt on onal Care ort ical ice rity ir ies Total											
INFECTIONOUS & PARASITIC DISEASES (DIS)	0	0	1	2	0	0	4	0	1	1	9	
- Intestinal Infectious Dis	0	0	0	0	0	0	1	0	0	0	1	
- Other Bacterial Dis	0	0	0	0	0	0	2	0	0	1	3	
- Other Viral Dis & Chlamydiae	0	0	1	2	0	0	0	0	1	0	4	
- Mycoses	0	0	0	0	0	0	1	0	0	0	1	
MALIGNANT NEOPLASMS	0	0	0	0	1	0	0	0	3	0	4	
- Bone, Connective Tissue, Skin	0	0	0	0	0	0	0	0	1	0	1	
- Genitourinary	0	0	0	0	1	0	0	0	2	0	3	
BENIGN & UNCERTAIN NEOPLASMS	0	0	0	0	0	0	0	0	1	2	3	
ENDOCRINE/METABOLIC/IMMUNITY	1	0	1	4	0	1	0	0	3	2	12	

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

(CONTINUED)

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- and Tech- Craft, ear Mana- nist- Prof- Heal- nic, and Spec- gene- rati- essi- th Supp- Cler- Serv- Secu- Repa- ialt- nt on onal Care ort ical ice rity ir ies Total											
-Thyroid Gland Disorders	0	0	0	1	0	0	0	0	0	0	0	1
-Other Endocrine Gland Disorders	1	0	1	1	0	1	0	0	0	3	2	9
-Other Metabolic & Immunity Disorders	0	0	0	2	0	0	0	0	0	0	0	2
BLOOD & BLOOD FORMING ORGANS	0	0	0	0	0	0	0	0	1	0	0	1
MENTAL DISORDERS	0	0	3	2	6	0	11	1	1	12	36	
-Psychoses	0	0	0	1	2	0	0	0	0	2	5	
-Non-Psychotic Disorders	0	0	3	1	2	0	9	1	0	10	26	
-Alcohol Dependence	0	0	0	0	2	0	2	0	0	0	4	
-Drug Dependence	0	0	0	0	0	0	0	0	1	0	1	
NERVOUS SYSTEM (NS) & SENSE ORGANS	0	0	2	1	1	1	3	0	7	6	21	

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

(CONTINUED)

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- and Tech- Craft, ear and Spec- ialt- ies	Man- agi- st- Prof- Heal- ni cal	gene- rati- essi- th	Supp- Cler- Serv- Secu- Repa-	ort- ical ice rity	ir	ies	Total				
- Hereditary/												
- Degenerative												
- Central NS												
- Dis		0	0	0	0	0	0	0	0	0	3	3
- Other												
- Disorders of												
- Central NS		0	0	0	1	0	0	0	0	0	1	2
- Disorders of												
- Peripheral NS		0	0	0	0	0	1	0	0	0	1	2
- Disorders of												
- Eye		0	0	2	0	0	0	2	0	3	0	7
- Dis of Ear &												
- Mastoid		0	0	0	0	1	0	1	0	4	1	7
- CIRCULATORY												
- SYSTEM		0	0	4	4	3	0	7	2	11	13	44
- Hypertensive												
- Dis		0	0	0	2	0	0	1	0	3	8	14
- Ischemic												
- Heart Dis		0	0	1	0	0	0	3	1	0	5	10
- Dis of												
- Pulmonary												
- Circulation		0	0	1	0	1	0	0	0	0	0	2
- Other Heart												
- Dis		0	0	0	2	0	0	3	0	6	0	11
- Cerebrovasc-												
- ular Dis		0	0	0	0	0	0	0	0	2	0	2

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

(CONTINUED)

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

		Men															
		Job Category															
		Engi-	neer-	ing,	Scie-	ntif-	ic,	Nucl-	Admi-	and Tech-	Craft,	ear,					
		Mana-	ni st-	Prof-	Heal-	ni cal,	and Spec-	gene-	rati-	essi-	th	Supp-	Cler-	Serv-	Secu-	Repa-	ial t-
		nt	on	onal	Care	ort	ical	ice	rity	ir	ies	Total,					
Diagnostic Category	ICD-9-CM Code																
-Dis of Veins, Lymphatics, Other	451-459	0	0	2	0	2	0	0	1	0	0	5					
RESPIRATORY SYSTEM	460-519	1	1	6	4	6	1	2	2	13	10	46					
-Acute Respiratory Infections	460-466	0	0	1	0	2	1	2	0	0	3	9					
-Other Dis Upper Respiratory Tract	470-478	1	0	3	0	0	0	0	2	1	3	10					
-Pneumonia & Influenza	480-487	0	1	0	3	2	0	0	0	6	1	13					
-Chronic Obstructive Dis	490-496	0	0	2	1	2	0	0	0	4	3	12					
-Other Respiratory Dis	510-519	0	0	0	0	0	0	0	0	2	0	2					
DIGESTIVE SYSTEM	520-579	1	2	4	2	2	0	6	0	8	14	39					
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	0	0	0	2	0	2	6	10					

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

(CONTINUED)

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

Men												
Job Category												
	Engi-	neer-	ing,	Scie-	ntif-	ic,	Nucl-	Admi-	and Tech-	Craft,	ear,	Total,
Diagnostic ICD-9-CM Code Category												
- Esophagus, 530-537												
Stomach,												
Duodenum	0	0	0	0	0	0	1	0	0	2	3	
- Appendicitis, 540-543	0	0	1	0	0	0	0	0	0	2	0	3
- Hernia 550-553	1	1	2	1	0	0	3	0	2	5	15	
- Enteritis, 555-558												
Colitis	0	0	1	0	0	0	0	0	0	0	1	
- Other 560-569												
Intestinal												
Dis	0	0	0	0	0	0	0	0	0	1	1	
- Other 570-579												
Digestive Dis,	0	1	0	1	2	0	0	0	2	0	6	
GENITOURINARY, 580-629												
SYSTEM	0	0	1	1	3	0	1	0	3	9	18	
- Nephritis, 580-589												
Nephrosis	0	0	0	1	0	0	0	0	0	0	1	
- Other 590-599												
Urinary Dis	0	0	1	0	2	0	1	0	2	4	10	
- Male Genital, 600-608												
Organ Dis	0	0	0	0	1	0	0	0	1	5	7	
SKIN & 680-709												
SUBCUTANEOUS												
TISSUE	0	0	0	0	0	0	0	0	2	2	4	
- Infections 680-686	0	0	0	0	0	0	0	0	1	1	2	
- Other 700-709	0	0	0	0	0	0	0	0	1	1	2	

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

(CONTINUED)

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- and Tech- Craft, ear Nucl- and Spec- and Repa- ialt- ir ies	Man- age- ment and Oper- ation- al	Prof- essi- onal Care	Heal- th Supp- ort	Cler- ical	Serv- ice	Secu- rity	Manu- factur- ing	Trans- port	Con- struc- tion	Other	Total
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	0	1	11	8	1	1	15	2	24	27	90	
-Arthropathi- es	0	1	1	0	0	1	2	0	5	4	14	
-Dorsopathi- es, 720-724	0	0	5	3	1	0	10	0	14	19	52	
-Rheumatism, Exclud- ing Back	0	0	4	4	0	0	2	1	4	2	17	
-Other Dis & Acquired Deformi- ties	0	0	1	1	0	0	1	1	1	2	7	
CONGENITAL ANOMALIES	0	0	1	0	0	0	1	0	0	1	3	
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	1	0	3	3	4	3	1	5	5	9	34	
-Symptoms INJURY AND POISONING	1	0	3	3	4	3	1	5	5	9	34	
-Fracture - Skull	0	1	13	2	3	2	37	3	18	35	114	
-Fracture - Upper Limb	0	0	1	0	0	0	0	0	0	2	3	

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

(CONTINUED)

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, Admi- and Tech- Craft, ear and Spec- ialt- ies	Man- u- fact- uring, and Con- struc- tion	Prof- essi- onal, and Tech- nical	Heal- th Care and Social Work	Supp- ort and Main- te- nance	Cler- ical, and Ad- min- istrative	Serv- ice and Pro- tection	Secu- rity and Pro- tection	Repa- ir and Main- te- nance	Other	Total	%	
- Fracture - , 820-829													
Lower Limb		0	0	0	0	0	1	2	0	2	3	8	
- Dislocation , 830-839													
Dislocation		0	0	3	0	2	0	7	0	1	4	17	
- Sprains & Strains - , 846-847													
Back		0	0	1	0	1	0	6	1	2	9	20	
- Sprains & Strains - , 840-845, 848													
Other		0	1	2	0	0	0	7	1	7	10	28	
- Intracranial Injury , 850-854													
Injury		0	0	0	0	0	0	1	0	0	0	1	
- Open Wound - , 870-879													
Head, Neck, Trunk		0	0	1	0	0	0	2	0	0	1	4	
- Open Wound - , 880-887													
Upper Limb		0	0	0	0	0	0	1	0	1	0	2	
- Open Wound - , 890-897													
Lower Limb		0	0	0	0	0	0	1	0	0	2	3	
- Late Effects, 905-909													
Late Effects		0	0	1	1	0	1	1	0	1	1	6	
- Superficial Injury , 910-919													
Injury		0	0	0	0	0	0	1	0	1	0	2	
- Contusion , 920-924													
Contusion		0	0	1	0	0	0	6	0	2	1	10	
- Foreign Body Entering Orifice , 930-939													
Foreign Body Entering Orifice		0	0	1	0	0	0	0	0	0	0	1	

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

(CONTINUED)

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

	Men											
	Job Category											
	Engi-	neer-	ing,	Scie-	ntif-	ic,	Nucl-	Admi-	and Tech-	Craft,	ear,	Total,
Diagnostic ICD-9-CM Code Category												
-Complicatio- 958-959												
ns & Unspecifed												
Injuries	0	0	1	0	0	0	0	0	0	1	1	3
-Unspecifed 990-995												
Effects - External												
Causes	0	0	0	0	0	0	2	0	0	0	1	3
-Complicatio- 996-999												
ns of Surgical /Med-												
ical Care	0	0	0	1	0	0	0	1	0	0	0	2
HEALTH V01-V82												
STATUS/HEALTH												
SERVICE												
CONTACT	0	0	0	0	2	0	2	0	0	0	1	5
-Personal & V10-V19												
Family History	0	0	0	0	2	0	1	0	0	0	1	4
-Specifi c V50-V59												
Procedures/A-												
ftercare	0	0	0	0	0	0	1	0	0	0	0	1
Total	4	5	50	33	32	9	90	16	100	144	483	

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

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

Women										
Job Category										
	Engi-	neer-	ing,	Sci-	ntif-	ic,	Nucl-	Admi-	and Tech-	ear,
	Mana-	ni st-	Prof-	Heal-	ni cal,	Spec-	gene-	rati-	essi-	th Supp-
	Cler-	Serv-	ial t-	nt	on	onal	Care	ort	ical	ice
	ies	Total								
Diagnostic Category										
Infections/Parasites	0,	0,	0,	198,	0,	22,	49,	259,	528,	
Cancers	0,	0,	13,	0,	182,	306,	0,	0,	501,	
Benign Growths	0,	0,	15,	0,	0,	50,	61,	0,	126,	
Endocrine/Metabolic	0,	0,	0,	63,	0,	61,	15,	13,	152,	
Blood	0,	0,	0,	70,	14,	0,	0,	0,	84,	
Mental	0,	0,	11,	132,	0,	501,	444,	113,	1201,	
Nervous System	0,	0,	31,	54,	82,	118,	109,	57,	451,	
Heart/Circulatory	0,	0,	0,	202,	132,	27,	98,	459,		
Respiratory	20,	0,	13,	42,	36,	147,	161,	128,	547,	
Digestive	0,	0,	0,	142,	21,	211,	186,	72,	632,	
Genitourinary	0,	12,	58,	140,	12,	342,	214,	0,	778,	
Miscarriage	0,	12,	0,	0,	14,	0,	0,	0,	26,	
Skin	0,	0,	0,	0,	0,	0,	14,	13,	27,	
Muscles and Skeleton	0,	0,	88,	142,	88,	136,	634,	749,	1837,	
Existing Birth Condition	0,	0,	0,	0,	20,	0,	0,	0,	20,	
Unspecified Symptoms	0,	9,	22,	84,	14,	148,	360,	28,	665,	
Injury	0,	0,	59,	103,	14,	220,	606,	598,	1600,	

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

(CONTINUED)

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

Diagnostic Category	Men										
	Engi- neer- ing, Scie- ntif- ic, Admi- and Tech- Craft, ear Mana- nist- Prof- Heal- nic, gene- rati- essi- th Supp- Cler- Serv- Secu- Repa- ialt- nt on onal Care ort ical ice rity ir ies Total										
Infections/Parasites	0	0	8	25	0	0	81	0	10	16	140
Cancers	0	0	0	0	120	0	0	0	109	0	229
Benign Growths	0	0	0	0	0	0	0	0	11	86	97
Endocrine/Metabolic	10	0	26	92	0	38	0	0	206	150	522
Blood	0	0	0	0	0	0	0	12	0	0	12
Mental	0	0	26	135	142	0	136	30	14	470	953
Nervous System	0	0	36	9	7	38	43	0	118	134	385
Heart/Circulatory	0	0	33	76	242	0	129	61	303	375	1219
Respiratory	16	7	45	56	133	16	14	80	302	166	835
Digestive	18	40	113	47	122	0	118	0	216	291	965
Genitourinary	0	0	10	70	120	0	41	0	78	141	460
Skin	0	0	0	0	0	0	0	0	114	92	206
Muscles and Skeleton	0	15	119	281	50	39	392	26	2022	1327	4271
Existing Birth Condition	0	0	28	0	0	0	14	0	0	24	66
Unspecified Symptoms	13	0	34	76	114	9	54	92	76	214	682
Injury	0	33	97	21	18	77	1142	23	642	1412	3465

*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.

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

Part 1. Age-Adjusted Rates for Selected Diagnostic Categories by Gender from 1993 to 1998

Rate per 1,000 Men

Men	All Diagnostic Categories			Cancer			Heart/Circulatory		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	119	136	156	<1	2	7	7	11	18
1994	162	183	207	<1	2	7	8	13	20
1995	218	242	269	2	4	9	11	16	23
1996	264	293	326	<1	1	4	10	15	22
1997	310	345	384	3	7	16	10	16	24
1998	314	349	388	1	3	7	21	29	40

Year	Respiratory			Injury		
	Lower	Mid	Upper	Lower	Mid	Upper
1993	18	25	35	22	29	39
1994	22	30	40	33	42	54
1995	20	28	38	44	56	70
1996	29	39	52	72	89	109
1997	29	40	55	66	84	106
1998	23	32	45	76	94	118

Rate per 1,000 Women

Women	All Diagnostic Categories			Cancer			Heart/Circulatory		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	198	238	286	1	2	9	1	4	11
1994	256	310	375	5	13	29	7	23	79
1995	329	372	420	3	8	22	2	4	10
1996	410	466	530	5	11	26	4	9	21
1997	518	585	660	7	13	23	7	17	40
1998	469	527	591	3	7	21	10	18	33

Year	Respiratory			Injury		
	Lower	Mid	Upper	Lower	Mid	Upper
1993	52	70	93	14	22	36
1994	39	64	105	23	32	44
1995	53	70	92	40	56	78
1996	84	111	148	34	53	82
1997	90	124	172	61	86	122
1998	49	68	94	73	96	126

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

Part 2. Age-Adjusted Rates for All Diagnostic Categories Combined by Gender and Job Category from 1993 to 1998

Rate per 1,000 Men

Men	Administration			Engineering, Scientific, and Health Care			Technical Support			Other Management and 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	76	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

Year	Service			Craft and Repair			Nuclear Specialties		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	158	248	392	210	271	350	296	380	487
1994	294	399	541	246	316	408	300	382	486
1995	228	311	426	360	445	550	572	690	832
1996	200	270	366	422	508	611	702	842	1009
1997	301	378	474	450	578	742	781	928	1104
1998	416	511	627	332	444	592	762	910	1088

*In 1993 there was a job category for "other" workers which did not appear for 1994 through 1998. There were 36 workers in this "other" group. These workers were excluded from the figure presented here.

Rate per 1,000 Women

Women	Administration			Engineering, Scientific, and Health Care			Technical Support			Other Management and Administration		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	118	149	187	119	215	390	122	199	324	24	75	234
1994	180	240	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	264	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

Year	Service			Craft and Repair			Nuclear Specialties		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	542	858	1359	198	390	771	476	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

*In 1993 there was a job category for "other" workers which did not appear for 1994 through 1998. There were 36 workers in this "other" group. These workers were excluded from the figure presented here.

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

Diagnostic Category	Management 55 Person-Years				Administration 133 Person-Years				Professional 341 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	4	0.5	0.2	1.2	6	0.3	0.1	0.6	40	0.7	0.5	0.9
Infectious & Parasitic Diseases	0				0				1	0.3	0.04	2.5
Endocrine/Metabolic/Immunity	1	2.9	0.4	23.1	0				1	0.3	0.04	2.5
Mental Disorders	0				0				3	0.4	0.1	1.3
Nervous System & Sense Organs	0				0				3	0.5	0.2	1.6
Circulatory System	0				0				3	0.4	0.1	1.4
Respiratory System	2	1.5	0.4	6.1	1	0.3	0.04	2.0	5	0.5	0.2	1.2
Digestive System	1	0.6	0.1	4.6	2	0.5	0.1	2.2	4	0.4	0.1	1.1
Genitourinary System	0				1	0.6	0.1	4.0	2	0.3	0.1	1.4
Musculoskeletal & Connective Tissue	0				1	0.2	0.02	1.2	11	0.7	0.4	1.4
Symptoms, Signs, & Ill-Defined Cond.	1	1.0	0.1	7.5	1	0.4	0.1	2.8	4	0.4	0.1	1.2
Injury & Poisoning	0				1	0.1	0.02	1.0	11	0.5	0.3	1.0
Fracture-Lower Limb	0				0				0			
Dislocation	0				0				3	1.1	0.3	4.0
Sprains & Strains-Back	0				0				1	0.2	0.02	1.2
Sprains & Strains-Other	0				1	0.5	0.1	4.1	2	0.3	0.1	1.5
Contusion	0				0				1	0.6	0.1	4.9

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

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

*** CI = Confidence Limit

(CONTINUED)

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

Diagnostic Category	Engineering, Scientific, and Health Care 431 Person-Years				Technical Support 190 Person-Years				Clerical 259 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	32	0.4	0.3	0.6	18	0.6	0.4	0.9	54	1.0	0.7	1.4
Infectious & Parasitic Diseases	4	1.4	0.5	4.2	0				2	0.6	0.1	2.9
Endocrine/Metabolic/Immunity	4	1.4	0.4	4.3	0				3	1.8	0.5	6.6
Mental Disorders	3	0.3	0.1	1.0	2	0.5	0.1	2.1	5	0.5	0.2	1.4
Nervous System & Sense Organs	3	0.4	0.1	1.3	4	1.4	0.5	4.1	4	0.6	0.2	1.8
Circulatory System	3	0.3	0.1	1.1	4	1.4	0.5	3.8	5	1.6	0.5	4.9
Respiratory System	7	0.6	0.3	1.2	6	1.2	0.5	2.8	12	1.2	0.6	2.3
Digestive System	6	0.5	0.2	1.1	2	0.4	0.1	1.7	11	1.5	0.7	3.2
Genitourinary System	4	0.6	0.2	1.6	2	0.7	0.2	2.9	8	1.2	0.5	2.8
Musculoskeletal & Connective Tissue	9	0.4	0.2	0.8	4	0.5	0.2	1.3	8	0.5	0.2	1.1
Symptoms, Signs, & Ill- Defined Cond.	6	0.6	0.2	1.3	4	0.9	0.3	2.6	8	0.9	0.4	1.9
Injury & Poisoning	6	0.2	0.1	0.5	3	0.3	0.1	0.8	16	1.0	0.6	1.8
Fracture-Lower Limb	0				0				3	4.0	0.8	21.4
Dislocation	0				1	0.6	0.1	4.4	1	1.0	0.1	11.1
Sprains & Strains-Back	1	0.1	0.02	0.9	2	0.6	0.2	2.6	6	0.8	0.3	2.1
Sprains & Strains-Other	1	0.1	0.02	0.7	0				5	1.0	0.3	2.9
Contusion	0				0				4	16.7	0.9	327.9

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

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

*** CI = Confidence Limit

(CONTINUED)

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

Diagnostic Category	Service 282 Person-Years				Security 34 Person-Years				Craft and Repair 208 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	80	1.8	1.4	2.4	3	0.5	0.2	1.6	52	1.9	1.4	2.6
Infectious & Parasitic Diseases	6	3.8	1.4	10.7	0				1	1.0	0.1	9.9
Endocrine/Metabolic/Immunity	1	0.5	0.1	4.0	0				2	1.7	0.3	9.0
Mental Disorders	17	3.4	1.9	6.2	1	1.6	0.2	12.3	1	0.3	0.04	2.6
Nervous System & Sense Organs	7	1.8	0.7	4.3	0				5	2.6	0.9	7.4
Circulatory System	5	1.1	0.4	3.2	1	1.6	0.2	11.9	6	1.4	0.6	3.4
Respiratory System	6	0.7	0.3	1.6	2	2.6	0.6	10.8	10	2.5	1.2	5.4
Digestive System	11	1.6	0.8	3.2	0				7	1.3	0.6	3.0
Genitourinary System	8	1.9	0.9	4.3	0				3	1.5	0.4	5.7
Musculoskeletal & Connective Tissue	18	1.5	0.9	2.5	1	0.6	0.1	4.6	18	2.5	1.4	4.4
Symptoms, Signs, & Ill-Defined Cond.	12	2.0	1.0	3.8	2	3.4	0.8	14.7	4	1.3	0.4	4.0
Injury & Poisoning	37	2.4	1.6	3.7	2	0.9	0.2	3.6	15	1.5	0.8	2.6
Fracture-Lower Limb	3	1.9	0.4	8.5	0				2	3.0	0.5	18.8
Dislocation	8	6.4	1.9	21.0	0				1	0.5	0.1	3.5
Sprains & Strains-Back	13	3.6	1.8	7.3	1	2.3	0.3	18.3	2	0.9	0.2	3.7
Sprains & Strains-Other	11	2.0	1.0	4.0	1	1.3	0.2	9.6	6	2.5	0.9	6.8
Contusion	2	1.3	0.3	6.3	0				2	4.2	0.6	26.7

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

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

*** CI = Confidence Limit

(CONTINUED)

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

Diagnostic Category	Nuclear Specialties 193 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	71	2.6	2.0	3.4	360
Infectious & Parasitic Diseases	2	1.6	0.4	6.9	16
Endocrine/Metabolic/Immunity	3	3.1	0.9	11.2	15
Mental Disorders	12	4.3	2.2	8.4	44
Nervous System & Sense Organs	7	3.1	1.4	7.2	33
Circulatory System	11	3.7	1.9	7.5	38
Respiratory System	10	2.1	1.1	4.2	61
Digestive System	14	3.4	1.8	6.3	58
Genitourinary System	6	2.9	1.1	7.3	34
Musculoskeletal & Connective Tissue	25	3.6	2.3	5.6	95
Symptoms, Signs, & Ill- Defined Cond.	8	2.2	1.0	4.9	50
Injury & Poisoning	34	3.7	2.5	5.5	125
Fracture-Lower Limb	3	3.4	0.9	12.8	11
Dislocation	4	2.4	0.8	7.4	18
Sprains & Strains-Back	9	4.2	2.0	9.1	35
Sprains & Strains-Other	11	4.0	1.9	8.2	38
Contusion	1	1.2	0.1	11.3	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

Appendix N. 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 last column of each table, labelled *DOE Complex Exposure Potential*. Each group is defined as follows:

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

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

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

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

(CONTINUED)

Diagnoses - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
011	Pulmonary tuberculosis	
011, 502	Silicotuberculosis	Production
020	Plague	
021	Tularemia	
022	Anthrax	
023	Brucellosis	
031.1	Fish-fancier's finger	
054.6	Herpetic whitlow	
037	Tetanus	Nonproduction
042	Human 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	Nonproduction
073	Ornithosis	
082.0	Rocky Mountain spotted fever	
100.8	Leptospirosis	
115	Histoplasmosis	Nonproduction
117.1	Sporotrichosis	
147	Malignant neoplasm of nasopharynx	Nonproduction
160.0	Malignant neoplasm of nasal cavities	Nonproduction
161	Malignant neoplasm of larynx	Production
162	Malignant neoplasm of trachea, bronchus, and lung	Production
170	Malignant neoplasm of bone	Production

(CONTINUED)

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

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OSHA DATA

Appendix 0. Number of Workers with at Least One OSHA Event by Gender, Age, and Job Category*

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

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

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OSHA DATA

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

	Women		Men		Total	
	Days	%	Days	%	Days	%
	# of Events	Days Lost	# of Events	Days Lost	# of Events	Days Lost
Age Group						
16 - 29	2	0	3	39	5	39
30 - 39	4	7	2	2	6	9
40 - 49	0	0	3	2	3	2
50 +	0	0	5	20	5	20
Total	6	7	13	63	19	70

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OSHA DATA

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

	Women		Men		Total	
	Days	# of Restr- Events, icted , Lost	Days	# of Restr- Events, icted , Lost	Days	# of Restr- Events, icted , Lost
Job Category						
Engineering, Scientific, and						
Health Care	1,	0,	0,	1,	0,	0,
Technical Support	2,	0,	0,	0,	0,	0,
Service	3,	7,	0,	3,	5,	0,
Craft and Repair	0,	0,	0,	5,	17,	0,
Nuclear Specialties	0,	0,	0,	4,	41,	0,
Total	6,	7,	0,	13,	63,	0,

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

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OSHA DATA

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

Diagnostic Category	Women					Men				
	Age Group					Age Group				
	16 - 29	30 - 39	Total	%	16 - 29	30 - 39	40 - 49	50 +	Total	%
SKIN & SUBCUTANEOUS TISSUE	0	1	1	1	0	0	0	1	2	
- Other										
Inflammatory Conditions	0	1	1	1	0	0	0	1	2	
MUSCULOSKELETAL & CONNECTIVE TISSUE	0	1	1	0	0	0	0	0	1	
- Rheumatism										
Excluding Back	0	1	1	0	0	0	0	0	1	
INJURY AND POISONING	2	3	5	2	2	3	7	14	19	
- Fracture -										
Upper Limb	1	1	2	0	0	0	1	1	3	
- Dislocation	0	0	0	1	0	0	0	1	1	
- Sprains & Strains -										
Back	0	0	0	1	0	0	0	1	1	
- Open Wound -										
Head, Neck, Trunk	0	0	0	0	0	0	2	2	2	
- Open Wound -										
Upper Limb	0	2	2	0	2	1	2	5	7	
- Open Wound -										
Lower Limb	0	0	0	0	0	0	1	1	1	
- Superficial Injury	1	0	1	0	0	0	0	0	1	

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

(CONTINUED)

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OSHA DATA

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

	Women				Men					
	Age Group				Age Group					
	16 -	30 -	Total	%	16 -	30 -	40 -	50 +	Total	%
Diagnoses	2	5	7	3	2	3	7	15	22	
- Foreign Body, 930-939	0	0	0	0	0	2	0	2	2	
- Burns, 940-949	0	0	0	0	0	0	1	1	1	
Total	2	5	7	3	2	3	7	15	22	

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

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OSHA DATA

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

Women				
Diagnostic Category	ICD-9-CM Codes	Days, Res-, tri-, cted, Lost	Days, Res-, tri-, cted, Lost	%
- Other	690-698	0	0	0
- Inflammatory Conditions		0	0	0
- Rheumatism	725-729	0	0	0
- Excluding Back		0	0	0
- Fracture - Upper Limb	810-819	0	0	0
- Open Wound - Upper Limb	880-887	0	0	0
- Superficial Injury	910-919	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.

(CONTINUED)

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OSHA DATA

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

Men									
Age Group									
	16 - 29	30 - 39	40 - 49	50 +					
Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,
Diagnostic Category									
- Other	0	0	0	0	0	0	0	0	0
- Inflammatory Conditions	0	0	0	0	0	0	0	0	0
- Fracture - Upper Limb	0	0	0	0	0	0	0	0	0
- Dislocation	39	0	0	0	0	0	0	0	0
- Sprains & Strains - Back	0	0	0	0	0	0	0	0	0
- Open Wound - Head, Neck, Trunk	0	0	0	0	0	0	0	0	0
- Open Wound - Upper Limb	0	0	2	0	0	0	5	0	0
- Open Wound - Lower Limb	0	0	0	0	0	0	0	0	0
- Foreign Body, Entering Orifice	0	0	0	0	2	0	0	0	0
- Burns	0	0	0	0	0	0	15	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.

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OSHA DATA

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

	Women				Men				
	Percentage								
	Age Group				Age Group				
	Percentage				Percentage				
	16 -	30 -	Total	16 -	30 -	40 -	50 +	Total	Total
	29	39	Total	29	39	49	50 +	Total	Total
Type of Accident									
Motor Vehicle, E810-E819									
Traffic	0	0	0	1	0	0	0	1	1
Natural/Environmental Factors, E900-E909									
Factors	1	0	1	0	0	0	0	0	1
Submersion/Suffocation/Foreign Bodies, E910-E915									
Suffocation/Foreign Bodies	0	0	0	0	0	2	0	2	2
Other Accidents, E916-E928									
Accidents	1	2	3	1	2	1	5	9	12

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

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OSHA DATA

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

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,
, Women ,
, †ffffffffffffffffffff%
, Age Group ,
, †ffffffffffff..ffffffff%
, 16 - 29 , 30 - 39 ,
, †ffff..ffff^ffff..ffff%
, Days, Days,
, Res-, Res-,
, tri -, Days, tri -, Days,
, cted, Lost, cted, Lost,
†ffffffffffff...ffffffffffff^ffff^ffff^ffff^ffff%
, Type of , E Codes , , , ,
, Accident , , , ,
†ffffffffffff^ffffffffffff%
, Natural /Envi-, E900- E909 , , , ,
, ronmental , , , ,
, Factors , 0, 0, 0, 0,
†ffffffffffff^ffffffffffff^ffff^ffff^ffff^ffff%
, Other , E916- E928 , , , ,
, Accidents , 0, 0, 0, 0,
Šffffffffffff<ffffffffffff<ffff<ffff<ffff<ffff

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*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.

(CONTINUED)

FERNALD 1998

OSHA DATA

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

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,                               Men                               ,
,                               †ffffffffffffffffffffffffffffffffffff%
,                               ,                               ,
,                               Age Group                               ,
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,                               , 16 - 29 , 30 - 39 , 40 - 49 , 50 + ,
,                               †fffff..fffff^fffff..fffff^fffff..fffff^fffff..fffff%
,                               , Days,    , Days,    , Days,    , Days,    ,
,                               , Res-,    , Res-,    , Res-,    , Res-,    ,
,                               , tri - , Days, tri - , Days, tri - , Days, tri - , Days,
,                               , cted, Lost, cted, Lost, cted, Lost, cted, Lost,
†fffffffffffffffff..ffffffffff^fffff^fffff^fffff^fffff^fffff^fffff^fffff%
, Type of      , E Codes      ,      ,      ,      ,      ,      ,      ,
, Accident      ,      ,      ,      ,      ,      ,      ,      ,
†ffffffffffffff^ffffffffff%
, Motor Vehicle, E810-E819      ,      ,      ,      ,      ,      ,      ,
, Traffic      ,      , 0, 0, 0, 0, 0, 0, 0, 0,
†ffffffffffffff^ffffffffff^fffff^fffff^fffff^fffff^fffff^fffff^fffff%
, Submersion/S-, E910-E915      ,      ,      ,      ,      ,      ,      ,
, Suffocation/F-,      ,      ,      ,      ,      ,      ,      ,
, Foreign Bodies,      , 0, 0, 0, 0, 2, 0, 0, 0,
†ffffffffffffff^ffffffffff^fffff^fffff^fffff^fffff^fffff^fffff^fffff%
, Other      , E916-E928      ,      ,      ,      ,      ,      ,      ,
, Accidents      ,      , 39, 0, 2, 0, 0, 0, 20, 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.

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OSHA DATA

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

	Men				
	Job Category				
	Engi- neer- ing, Sci e- ntif- ic, and , Heal- th , Care	Serv- ice	Repa- ir	ialt- ies	Total
Diagnostic , ICD-9- CM Code ,					
Category					
SKIN & , 680- 709					
SUBCUTANEOUS ,					
TISSUE ,	0,	1,	0,	0,	1,
- Other , 690- 698					
Inflammatory ,					
Conditions ,	0,	1,	0,	0,	1,
INJURY AND , 800- 999					
POISONING ,	1,	2,	7,	4,	14,
- Fracture - , 810- 819					
Upper Limb ,	0,	0,	1,	0,	1,
- Dislocation , 830- 839	0,	0,	0,	1,	1,
- Sprains & , 846- 847					
Strains - ,					
Back ,	1,	0,	0,	0,	1,
- Open Wound - , 870- 879					
Head, Neck, ,					
Trunk ,	0,	0,	2,	0,	2,
- Open Wound - , 880- 887					
Upper Limb ,	0,	2,	1,	2,	5,
- Open Wound - , 890- 897					
Lower Limb ,	0,	0,	0,	1,	1,
- Foreign Body, 930- 939					
Entering ,					
Orifice ,	0,	0,	2,	0,	2,
- Burns , 940- 949	0,	0,	1,	0,	1,
Total	1,	3,	7,	4,	15,

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

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OSHA DATA

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

		Women					
		Job Category					
		Engineer-	ing,	Scientif-	ic, and	Health , Techni cal,	Care , Support , Service ,
Diagnostic Category	ICD-9- CM Codes,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,	Days, Res-, tri-, cted, Lost,
-Other	690-698	0	0	0	0	0	0
Inflammatory	Conditions	0	0	0	0	0	0
- Rheumatism	725-729						
Excluding	Back	0	0	0	0	7	0
- Fracture -	810-819	0	0	0	0	0	0
Upper Limb							
- Open Wound -	880-887	0	0	0	0	0	0
Upper Limb							
- Superfi cial	910-919	0	0	0	0	0	0
Injury							

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

(CONTINUED)

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OSHA DATA

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

	Men										
	Job Category										
	Engineer-	ing,	Scientif-	ic, and	Nuclear	Health	Craft and	Specialt-	Care	Service, Repair	ies
	Days,	Days,	Days,	Days,	Res-	Res-	Res-	Res-	Days,	Days,	Days,
	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,
Diagnostic Category											
-Other	690-698										
Inflammatory Conditions	0	0	0	0	0	0	0	0	0	0	0
-Fracture -	810-819										
Upper Limb	0	0	0	0	0	0	0	0	0	0	0
-Dislocation	830-839	0	0	0	0	0	0	0	39	0	0
-Sprains &	846-847										
Back	0	0	0	0	0	0	0	0	0	0	0
-Open Wound -	870-879										
Head, Neck, Trunk	0	0	0	0	0	0	0	0	0	0	0
-Open Wound -	880-887	0	0	5	0	0	0	0	2	0	0
Upper Limb	0	0	0	0	0	0	0	0	0	0	0
-Open Wound -	890-897	0	0	0	0	0	0	0	0	0	0
Lower Limb	0	0	0	0	0	0	0	0	0	0	0
-Foreign Body,	930-939										
Entering Orifice	0	0	0	0	2	0	0	0	0	0	0
-Burns	940-949	0	0	0	0	15	0	0	0	0	0

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

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OSHA DATA

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

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,
, Women ,
, †ffffffffffffffff.....fffff%
, Job Category ,
, †fffff..fffff..fffff%
, Engi -, , ,
, neer -, , ,
, ing, , ,
, Sci e -, , ,
, ntif -, , ,
, ic, , ,
, and , Tech -, ,
, Heal -, ni cal, ,
, th , Supp -, Serv -,
, Care , ort , ice , Total,
†ffffffff.....ffffffff~ffff~ffff~ffff~ffff%
, Type of , E CODES , , ,
, Accident , , ,
†ffffffff~ffffffff%
, Natural /Envi -, E900- E909 , , ,
, ronmental , , ,
, Factors , 0, 1, 0, 1,
†ffffffff~ffffffff~ffff~ffff~ffff~ffff%
, Other , E916- E928 , , ,
, Accidents , 1, 1, 1, 3,
Šffffffff<ffffffff<ffff<ffff<ffff<ffff

```

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

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OSHA DATA

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

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, Men ,
, †ffffffffffffffffffffffff...fffff%o
, Job Category ,
, †fffff..fffff..fffff..fffff%o ,
, Engi- , , , ,
, neer- , , , ,
, ing, , , , ,
, Sci e- , , , ,
, ntif- , , , ,
, ic, , , Nucl- ,
, and , Craft, ear ,
, Heal- , and , Spec- ,
, th , Serv-, Repa-, ialt-,
, Care , ice , ir , ies , Total,
†ffffffffffff...ffffffffffff~ffff~ffff~ffff~ffff~ffff%o
, Type of , E CODES , , , , ,
, Accident , , , , ,
†ffffffffffff~ffffffffffff%o , , , , ,
, Motor Vehicle, E810- E819 , , , , ,
, Traffic , 1, 0, 0, 0, 1,
†ffffffffffff~ffffffffffff~ffff~ffff~ffff~ffff~ffff%o
, Submersi on/S-, E910- E915 , , , , ,
, uffocation/F-, , , , ,
, oreign Bodies, , 0, 0, 2, 0, 2,
†ffffffffffff~ffffffffffff~ffff~ffff~ffff~ffff~ffff%o
, Other , E916- E928 , , , , ,
, Accidents , 0, 2, 3, 4, 9,
Šffffffffffff<ffffffffffff<ffff<ffff<ffff<ffff<ffffœ

```

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

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OSHA DATA

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

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„ffffffffffffffffffffffff...ffffffffffffffffffffffff†
,
, Women ,
, †ffffffffffffffffffffffffffffffff%
, Job Category ,
, †ffffffff...ffffffff...ffffffff%
, Engineer-, , ,
, ing, , ,
, Scientif-, , ,
, ic, and , ,
, Health , Techni cal, ,
, Care , Support , Service ,
, †fff...fff^fff~fff^fff~fff%
, Days, , Days, , Days, ,
, Res-, , Res-, , Res-, ,
, tri -, Days, tri -, Days, tri -, Days,
, cted, Lost, cted, Lost, cted, Lost,
†ffffffff...ffffffff~fff^fff^fff^fff^fff^fff%
, Type of , E Codes , , , , ,
, Accident , , , , ,
†ffffffff~ffffffff%
, Natural /Envi -, E900- E909 , , , , ,
, ronmental , , , , ,
, Factors , , 0, 0, 0, 0, 0, 0,
†ffffffff~ffffffff~fff^fff^fff^fff^fff^fff%
, Other , E916- E928 , , , , ,
, Accidents , , 0, 0, 0, 0, 0, 0,
Šffffffff<ffffffff<fff<fff<fff<fff<fff<fff€

```

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

(CONTINUED)

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OSHA DATA

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

Type of Accident	Men		Job Category										
	Days Lost	Restricted	Engineer-	ing,	Scientif-	ic, and	Nuclear	Health	Craft and,Specialt-	Care	Service	Repair	ies
Motor Vehicle, E810-E819	0	0	0	0	0	0	0	0	0	0	0	0	0
Traffic	0	0	0	0	0	0	0	0	0	0	0	0	0
Submersion/S-, E910-E915													
uffocation/F-													
oreign Bodies,	0	0	0	0	0	2	0	0	0	0	0	0	0
Other, E916-E928													
Accidents	0	0	5	0	15	0	41	0					

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

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Appendix Z. 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 1998*

Rate per 1,000 Women

Year	Administration			Engineering, Scientific, and Health Care			Technical Support			Other Management and 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

Year	Service			Craft and 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

*In 1993 there was a job category for "other" workers which did not appear for 1994 through 1998. There were 36 workers in this "other" group. These workers were excluded from the figure presented here.

(CONTINUED)

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OSHA DATA

Appendix Z. 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 1998*

Rate per 1,000 Men

Year	Administration			Engineering, Scientific, and Health Care			Technical Support			Other Management and 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

Year	Service			Craft and 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

*In 1993 there was a job category for "other" workers which did not appear for 1994 through 1998. 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 1998

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

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

Diagnostic Category	Management 55 Person-Years				Administration 133 Person-Years				Professional 341 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				0			
Injury & Poisoning	0				0				0			

Diagnostic Category	Engineering, Scientific, and Health Care 431 Person-Years				Technical Support 190 Person-Years				Clerical 259 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	2	0.4	0.1	2.0	2	1.3	0.3	5.5	0			
Injury & Poisoning	2	0.6	0.1	2.5	2	1.5	0.3	6.5	0			

Diagnostic Category	Service 282 Person-Years				Security 34 Person-Years				Craft and Repair 208 Person-Years			
	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	6	2.8	1.1	7.5	0				5	4.1	1.2	14.2
Injury & Poisoning	3	1.5	0.5	4.9	0				5	4.5	1.3	15.8

Diagnostic Category	Nuclear Specialties 193 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	4	2.7	0.9	8.3	19
Injury & Poisoning	4	3.2	1.0	10.3	16

* 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