

Appendix A. Work Force by Gender, Age, and Occupation

	Women					Men								
	Age Group					Age Group								
	16 -	30 -	40 -	50 -		16 -	30 -	40 -	50 -					
	29	39	49	59	60 +	Total	29	39	49	59	60 +	Total	Total	
Occupational Group														
Administrative	99	257	321	174	13	864	26	311	589	340	31	1297	2161	
Professional	34	151	84	19	2	290	54	454	518	311	48	1385	1675	
Technical	29	70	78	25	0	202	51	231	177	78	4	541	743	
Service	3	16	23	15	0	57	14	65	46	23	1	149	206	
Security	2	17	16	3	0	38	10	132	90	38	1	271	309	
Crafts and Manual Labor	8	16	12	0	0	36	60	101	122	59	9	351	387	
Nuclear	5	10	6	1	0	22	8	72	103	52	6	241	263	
Unknown	80	178	197	106	16	577	156	648	959	528	61	2352	2929	
Total	260	715	737	343	31	2086	379	2014	2604	1429	161	6587	8673	

## Appendix B. Work Force Demographics

## Part 1. Percentage of Men in Different Age Groups, 1993 to 1996

Year	16-29	30-39	40-49	50+
1993	10	34	33	23
1994	10	30	33	27
1995	8	29	34	29
1996	6	31	39	24

## Part 2. Percentage of Women in Different Age Groups, 1993 to 1996

Year	16-29	30-39	40-49	50+
1993	21	34	29	16
1994	23	33	28	16
1995	20	33	29	18
1996	13	34	35	18

## Part 3. Percentage of Men in Different Occupational Groups, 1993 to 1996

Year	Administration	Professional	Technical	Service	Crafts and Manual Labor	Nuclear	Unknown
1993	14	43	20	6	12	5	*
1994	21	27	15	11	7	5	14
1995	25	12	9	9	2	5	38
1996	20	21	8	6	5	4	36

\*No workers in this category in 1993.

## Part 4. Percentage of Women in Different Occupational Groups, 1993 to 1996

Year	Administration	Professional	Technical	Service	Crafts and Manual Labor	Nuclear	Unknown
1993	57	19	16	5	1	2	*
1994	42	15	13	9	2	3	16
1995	44	11	10	6	1	2	26
1996	41	14	10	4	2	1	28

\*No workers in this category in 1993.

Appendix C. Total Number of Workers Who Reported at Least One Health Event by Gender, Age, and Occupation

	Women					Men							
	Age Group					Age Group							
	16 -	30 -	40 -	50 -	60 +	16 -	30 -	40 -	50 -	60 +	Total	Total	
Occupational Group													
Administrative	0	20	33	17	1	71	2	13	34	25	2	76	147
Professional	0	14	7	4	0	25	2	18	23	13	4	60	85
Technical	5	9	6	3	0	23	3	13	15	10	1	42	65
Service	0	5	5	0	0	10	0	3	5	0	0	8	18
Security	0	0	5	0	0	5	1	10	10	0	0	21	26
Crafts and Manual Labor	0	0	1	0	0	1	2	8	9	6	0	25	26
Nuclear	0	1	0	0	0	1	0	3	5	5	1	14	15
Unknown	3	9	14	9	1	36	5	20	41	32	0	98	134
Total	8	58	71	33	2	172	15	88	142	91	8	344	516

Appendix D. Total Number of Health Events by Gender, Age, and Occupation

	Women					Men							
	Age Group					Age Group							
	16 -	30 -	40 -	50 -	60 +	16 -	30 -	40 -	50 -	60 +	Total	Total	
Occupational Group													
Administrative	0	21	41	17	1	80	2	17	40	28	2	89	169
Professional	0	15	7	4	0	26	2	21	25	15	5	68	94
Technical	5	9	6	3	0	23	4	13	16	12	1	46	69
Service	0	5	5	0	0	10	0	3	8	0	0	11	21
Security	0	0	5	0	0	5	1	10	10	0	0	21	26
Crafts and Manual Labor	0	0	1	0	0	1	2	9	10	6	0	27	28
Nuclear	0	1	0	0	0	1	0	3	7	5	1	16	17
Unknown	3	11	15	10	1	40	5	24	50	34	0	113	153
Total	8	62	80	34	2	186	16	100	166	100	9	391	577

Appendix E. Distribution of the Number of Calendar Days Absent/Health Event by Gender and Age

Women										
Age Group										
	16 -	30 -	40 -	50 -	29	39	49	59	60 +	Total
# of Calendar Days										
< 15	4	26	28	15	1	74	74			
15 - 28	3	19	26	8	0	56	56			
29 - 42	1	5	12	3	1	22	22			
43 - 56	0	3	4	5	0	12	12			
57 - 91	0	6	8	2	0	16	16			
92 - 182	0	1	2	1	0	4	4			
183 +	0	2	0	0	0	2	2			
Total	8	62	80	34	2	186	186			

Appendix E. Distribution of the Number of Calendar Days Absent/Health Event by Gender and Age

		Men							
		Age Group							
		16 -	30 -	40 -	50 -				
		29	39	49	59	60 +	Total	Total	
		, # of Calendar Days							
									%
	< 15	4	55	73	44	4	180	180	
	15 - 28	11	27	42	28	5	113	113	
	29 - 42	1	9	26	10	0	46	46	
	43 - 56	0	6	10	6	0	22	22	
	57 - 91	0	1	7	6	0	14	14	
	92 - 182	0	2	4	4	0	10	10	
	183 +	0	0	4	2	0	6	6	
	Total	16	100	166	100	9	391	391	

Appendix F. Distribution of the Number of Calendar Days Absent/Health Event by Gender and Occupation

Women																							
Occupational Group																							
	Cra-	fts	Adm-	and	ini-	Pro-	Man-	str-	fes-	Tec-	Sec-	ual	ati-	sio-	hni-	Ser-	uri-	Lab-	Nuc-	Unk-	Tot-		
	on	nal	cal	vice	ty	or	lear	nown	al														
# of	Calendar	Days																					
< 15	28	10	10	3	3	1	0	19	74														
15 - 28	27	7	6	2	1	0	1	12	56														
29 - 42	7	7	1	2	1	0	0	4	22														
43 - 56	7	0	4	0	0	0	0	1	12														
57 - 91	9	1	1	2	0	0	0	3	16														
92 - 182	2	1	0	0	0	0	0	1	4														
183 +	0	0	1	1	0	0	0	0	2														
Total	80	26	23	10	5	1	1	40	186														

(CONTINUED)

Appendix F. Distribution of the Number of Calendar Days Absent/Health Event by Gender and Occupation

Men																						
Occupational Group																						
	Cra-	fts	Adm-	and	ini-	Pro-	Man-	str-	fes-	Tec-	Sec-	ual	ati-	sio-	hni-	Ser-	uri-	Lab-	Nuc-	Unk-	Tot-	
	on	nal	cal	vice	ty	or	lear	nown	al													
# of	Calendar	Days																				
< 15	42	35	22	3	10	14	9	45	180													
15 - 28	25	17	16	5	6	8	4	32	113													
29 - 42	7	8	7	3	1	2	2	16	46													
43 - 56	7	3	1	0	1	1	1	8	22													
57 - 91	7	3	0	0	0	1	0	3	14													
92 - 182	1	2	0	0	1	0	0	6	10													
183 +	0	0	0	0	2	1	0	3	6													
Total	89	68	46	11	21	27	16	113	391													



Appendix G. Number of Health Conditions in Each Diagnostic Category by Gender and Age\*

Diagnostic Category	Women					Men					Total		
	Age Group					Age Group							
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	16 - 29	30 - 39	40 - 49	50 - 59	60 +			
Diagn- ICD-9-													
ostic , CM													
Categ- Code													
ory													
INFECTION-001-													
TIOUS , 139													
&													
PARASITIC													
DISEASES													
(DIS)	1	2	3	2	0	8	1	8	1	0	0	10	18
-Intestinal, 009													
Infec- tious													
Dis	1	0	1	0	0	2	0	0	0	0	0	0	2
-Other, 030-													
Bacterial													
Dis	0	0	1	0	0	1	0	0	1	0	0	1	2
-Viral, 050-													
Dis , 057													
with													
Exanthem	0	1	0	1	0	2	1	2	0	0	0	3	5
-Other, 070-													
Viral , 079													
Dis &													
Chlamydiae	0	1	1	1	0	3	0	6	0	0	0	6	9
MALIGNANT													
NANT , 208													
NEOPLASMS													
ASMS , 234	0	2	1	0	0	3	0	2	0	0	2	4	7
-Bone, 170-													
Connective Tissue													
Dis	0	0	1	0	0	1	0	0	0	0	2	2	3

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

(CONTINUED)

Appendix G. Number of Health Conditions 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+	
Diagn- ICD-9- ostic CM Categor- Code ory											
-Breast, 174- st	0	1	0	0	0	1	0	0	0	0	1
-Nervous, 191- ous											
Systemic, 192	0	0	0	0	0	0	0	2	0	0	2
-Lymphatic, 200- hatic											
& Hematologic, 208											
BENIGN, 210- & 229											
UNCERTAIN, 235- TAIN											
NEOPLASMS, 239	1	1	2	1	0	5	0	3	0	3	6
ENDOCRINE, 240- RINE											
METABOLIC, 246											
IMMUNITY, 270- TY	0	1	1	2	0	4	1	1	2	3	7
-Thyroid, 240- oid											
Glands, 246											
Disorders, 270- ders	0	0	1	1	0	2	1	1	0	0	2
-Other, 270- Metabolic & Immunology Disorders	0	1	0	1	0	2	0	0	2	3	5

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

(CONTINUED)

Appendix G. Number of Health Conditions in Each Diagnostic Category by Gender and Age\*

	Women					Men					
	Age Group					Age Group					
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Tot- al
Diagn-ostic Category											
MENTAL DISORDERS											
- Non-Psychotic Disorders	0	0	6	0	0	6	0	5	4	3	0, 12, 18,
- Alcohol Dependence	0	0	0	0	0	0	0	0	1	0	0, 1, 1,
- Drug Dependence	0	0	0	0	0	0	0	1	0	0	0, 1, 1,
NERVOUS SYSTEM (NS) & SENSE ORGANS											
- Disorders of Peripheral NS	0	1	2	0	0	3	0	1	2	1	0, 4, 7,
- Disorders of Eye	0	1	0	0	0	1	0	3	1	2	1, 7, 8,
- Disorders of Ear & Mastoid	0	2	2	0	0	4	0	4	4	0	0, 8, 12,

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

(CONTINUED)

Appendix G. Number of Health Conditions in Each Diagnostic Category by Gender and Age\*

	Women					Men						
	Age Group					Age Group						
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	16 - 29	30 - 39	40 - 49	50 - 59	60 +	al	al
Diagn- ICD-9-												
ostic , CM												
Categ- Code												
ory												
CIRCU- , 390-												
LATORY, 459												
SYSTEM	0	0	2	0	0	2	0	3	4	17	0	24, 26,
- Isch- , 410-												
emic , 414												
Heart												
Dis	0	0	1	0	0	1	0	0	3	14	0	17, 18,
- Other, 420-												
Heart , 429												
Dis	0	0	0	0	0	0	0	2	0	1	0	3, 3,
- Dis , 440-												
of , 448												
Arter-												
ies &												
Capil-												
laries,	0	0	0	0	0	0	0	0	0	1	0	1, 1, 1,
- Dis , 451-												
of , 459												
Veins,												
Lymph-												
atics,												
Other	0	0	1	0	0	1	0	1	1	1	0	3, 4,
RESPI- , 460-												
RATORY, 519												
SYSTEM	0	10	18	13	0	41	4	23	40	16	5	88, 129,
- Acute, 460-												
Respi - , 466												
ratory,												
Infec-												
tions	0	0	2	0	0	2	1	6	6	0	0	13, 15,
- Other, 470-												
Dis , 478												
Upper												
Respi - ,												
ratory,												
Tract	0	7	5	6	0	18	2	10	13	6	0	31, 49,

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

(CONTINUED)

Appendix G. Number of Health Conditions 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+			
Diagn- ICD-9-													
ostic CM													
Categ- Code													
ory													
-Pneu- 480-													
monia 487													
& In flu-													
enza	0	1	6	3	0	10	0	6	14	6	3	29	39
-Chro- 490-													
nic 496													
Obstr-													
uctive													
Dis	0	2	4	3	0	9	1	1	6	4	2	14	23
-Other 510-													
Respi- 519													
ratory													
Dis	0	0	1	1	0	2	0	0	1	0	0	1	3
DIGES- 520-													
TIVE 579													
SYSTEM	2	12	13	2	1	30	2	22	16	18	2	60	90
-Oral 520-													
Cavit- 529													
y													
Saliva													
Gland-													
s, Jaw	0	1	0	0	0	1	0	2	0	0	0	2	3
-Esop- 530-													
hagus, 537													
Stoma-													
ch													
Duode-													
num	0	2	2	1	0	5	0	3	0	2	0	5	10
-Appe- 540-													
ndi ci- 543													
tis	0	1	1	0	0	2	1	1	1	1	1	5	7
-Hern- 550-													
ia 553	0	1	2	0	0	3	1	7	5	7	1	21	24

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

(CONTINUED)

Appendix G. Number of Health Conditions in Each Diagnostic Category by Gender and Age\*

	Women					Men								
	Age Group					Age Group								
	16 -	30 -	40 -	50 -	Tot-	16 -	30 -	40 -	50 -	Tot-	Tot-			
	29	39	49	59	60 +	29	39	49	59	60 +	al			
Diagn- ICD-9-														
ostic CM														
Categ- Code														
ory														
-Ente- 555-														
ritis, 558														
Colit-														
is		1	0	0	0	1	0	1	0	0	1	2		
-Other, 560-														
Intes- 569														
tinal														
Dis		0	1	1	0	0	2	0	1	2	3	0	6	8
-Other, 570-														
Diges- 579														
tive														
Dis		1	6	7	1	1	16	0	7	8	5	0	20	36
GENIT- 580-														
OURIN- 629														
ARY														
SYSTEM		1	13	21	9	0	44	1	4	8	5	1	19	63
-Other, 590-														
Urina- 599														
ry Dis,		0	1	3	1	0	5	1	2	8	2	1	14	19
-Male 600-														
Genit- 608														
al														
Organ														
Dis		0	0	0	0	0	0	2	0	3	0	5	5	
-Brea- 610-														
st 611														
Disor-														
ders		0	0	1	1	0	2	0	0	0	0	0	0	2
-Pelv- 614-														
ic 616														
Infla-														
mmato-														
ry Dis,		0	1	0	0	0	1	0	0	0	0	0	0	1

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

(CONTINUED)

Appendix G. Number of Health Conditions 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 +	
Diagn- ICD-9- ostic , CM Cate- Code ory											
- Other, 617- Female, 629 Disor- ders											
	1	11	17	7	0	36	0	0	0	0	0
PREGN- 630- ANCY & 677 CHILD- BIRTH											
	1	1	0	0	0	2	0	0	0	0	2
- Ecto- 630- pic & 633 Molar Pregn- ancy											
	1	1	0	0	0	2	0	0	0	0	2
SKIN & 680- SUBCU- 709 TANEO- US TISSUE											
	0	1	0	0	0	1	0	1	2	3	6
- Infe- 680- ctions 686											
	0	0	0	0	0	0	0	1	2	1	0
- Other, 700- 709											
	0	1	0	0	0	1	0	0	0	2	0
MUSCU- 710- LOSKE- 739 LETAL & CONNE- CTIVE TISSUE											
	2	17	10	2	1	32	4	15	56	14	0
- Arth- 710- ropat- 719 hies											
	2	8	5	2	1	18	4	8	29	9	0
- Dors- 720- opath- 724 ies											
	0	6	2	0	0	8	0	4	23	3	0

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

(CONTINUED)

Appendix G. Number of Health Conditions 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 +			
Diagn- ICD-9- ostic CM Categ- Code ory													
-Rheu- 725- matis- 729 m Exclu- ding Back	0	2	2	0	0	4	0	2	3	2	0	7	11
-Other, 730- Dis & , 739 Acqui- red Deformi- ties													
CONGE- 740- NITAL , 759 ANOMA- LIES													
SYMPT- 780- OMS, 799 SIGNS, & ILL- DEFIN- ED COND.	1	0	2	1	0	4	0	5	13	6	0	24	28
-Symp- 780- toms 789	1	0	2	1	0	4	0	5	11	6	0	22	26
-Non- 790- Speci- 796 fic Abnor- mal Findi- ngs													
INJURY, 800- AND , 999 POISO- NING													

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

(CONTINUED)



Appendix G. Number of Health Conditions in Each Diagnostic Category by Gender and Age\*

	Women					Men							
	Age Group					Age Group							
	16 -	30 -	40 -	50 -	Tot-	16 -	30 -	40 -	50 -	Tot-	Tot-		
	29	39	49	59	60 +	29	39	49	59	60 +	al		
Diagn- ICD-9-													
ostic CM													
Categ- Code													
ory													
-Frac- 800-													
ture - 804													
Skull	0	0	1	0	0	1	0	0	0	0	0	1	
-Frac- 805-													
ture - 809													
Neck													
Trunk	0	2	0	0	0	2	1	1	5	1	0	8	10
-Frac- 810-													
ture - 819													
Upper													
Limb	0	1	0	0	0	1	0	1	0	4	0	5	6
-Frac- 820-													
ture - 829													
Lower													
Limb	0	1	4	0	0	5	1	1	7	4	0	13	18
-Disl- 830-													
ocati- 839													
on	0	0	0	0	0	0	0	0	1	0	0	1	1
-Spra- 846-													
ins & 847													
Strai-													
ns -													
Back	0	0	0	2	0	2	0	4	2	0	0	6	8
-Spra- 840-													
ins & 845													
Strai- 848													
ns -													
Other	0	0	3	1	0	4	1	1	6	3	0	11	15
-Intr- 850-													
acran- 854													
ial													
Injury	0	0	0	0	0	0	0	0	1	0	0	1	1

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

(CONTINUED)

Appendix G. Number of Health Conditions in Each Diagnostic Category by Gender and Age\*

	Women					Men					Tot-	
	16 -	30 -	40 -	50 -	60 +	16 -	30 -	40 -	50 -	60 +	al	al
Diagn- ICD-9-												
ostic , CM												
Categ- Code												
ory												
- Open , 880-												
Wound , 887												
Upper												
Lim b	0	1	0	0	0	1	0	1	1	0	0	2
- Open , 890-												
Wound , 897												
Lower												
Lim b	0	0	0	0	0	0	0	0	0	1	0	1
- Late , 905-												
Effec- , 909												
ts	0	0	0	0	0	0	0	0	1	0	0	1
- Cont- , 920-												
usion , 924	0	2	0	2	0	4	0	2	1	2	0	5
- Comp- , 958-												
li cat- , 959												
ions &												
Unspe-												
ci fi ed,												
Injur-												
ies	0	0	2	1	0	3	0	1	2	1	0	4
- Unsp- , 990-												
eci fi- , 995												
ed												
Effec-												
ts -												
Exter-												
nal												
Causes,	0	0	1	0	0	1	0	1	0	0	0	1
HEALTH, V01-												
STATU- , V82												
S/HEA-												
LTH												
SERVI-												
CE												
CONTA-												
CT	0	0	0	0	0	0	0	1	2	1	1	5

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

(CONTINUED)

Appendix G. Number of Health Conditions in Each Diagnostic Category by Gender and Age\*

	Women					Men					Total		
	16 -	30 -	40 -	50 -	60 +	16 -	30 -	40 -	50 -	60 +	Total	al	al
Diagn- ICD-9-													
ostic , CM													
Categ- Code													
ory													
-Pers- V10-													
onal & V19													
Family,													
Histo-													
ry	0	0	0	0	0	0	0	0	0	0	1	1	1
-Heal - V20-													
th , V29													
Servi -													
ces													
Repro-													
ducti-													
on/De-													
velop-													
ment	0	0	0	0	0	0	0	0	1	0	0	0	1
-Spec- V50-													
ific , V59													
Proce-													
dures-													
/Afte-													
rcare	0	0	0	0	0	0	0	0	0	2	1	0	3
Total	9	71	94	38	2	214	16	114	183	108	12	433	647

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

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

	Women					Men							
	Age Group					Age Group							
	16 -	30 -	40 -	50 -	Tot-	16 -	30 -	40 -	50 -	Tot-	Tot-		
	29	39	49	59	60 +	29	39	49	59	60 +	al		
Diagnos- tic Category, Infecti- ons/Par- asites	7	37	113	41	0	198	19	247	13	0	0	279	477
Cancers	0	251	27	0	0	278	0	110	0	0	37	147	425
Benign Growths	19	62	46	43	0	170	0	129	0	71	0	200	370
Endocri- ne/Meta- bolic	0	45	21	56	0	122	8	48	81	31	0	168	290
Mental Nervous System	0	0	139	0	0	139	0	143	184	328	0	655	794
Heart/C- irculat- ory	0	0	93	0	0	93	0	48	136	603	0	787	880
Lung/Re- spirato- ry	0	111	355	172	0	638	57	268	636	222	50	1233	1871
Digesti- ve	18	333	279	47	31	708	26	370	405	459	29	1289	1997
Genitou- rinary	7	281	705	366	0	1359	8	34	198	120	8	368	1727
Miscarr- iage	24	8	0	0	0	32	0	0	0	0	0	0	32
Skin Muscles and Skeleton	0	7	0	0	0	7	0	8	30	65	0	103	110
	55	586	248	75	7	971	81	428	2384	440	0	3333	4304

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

	Women					Men						
	Age Group					Age Group						
	16 -	30 -	40 -	50 -	Tot-	16 -	30 -	40 -	50 -	Tot-	Tot-	
	29	39	49	59	60 +	al	29	39	49	59	60 +	al
Diagnos- tic Category,												
Existing, Birth Condi ti- on	0	0	0	0	0	0	0	0	0	14	0	0
Unspeci- fied Symptoms,	7	0	44	9	0	60	0	38	280	127	0	445
Injury and Poi soni- ng	0	535	367	130	0	1032	70	185	1111	319	0	1685

\*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 I. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Women																									
Occupational Group																									
	Craf-	ts	Admi-	and	nist-	Prof-	Manu-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-	on	onal	nical	ice	rity	Labor	ear	own	Total	
Diagnostic ICD-9-CM Code																									
INFECTIOUS & PARASITIC DISEASES (DIS)			3	2	1	0	1	0	0	1	0	0	0	1	8										
- Intestinal Infectious Dis			1	0	0	0	0	0	0	0	0	0	0	1	2										
- Other Bacterial Dis			1	0	0	0	0	0	0	0	0	0	0	0	1										
- Viral Dis with Exanthem			1	1	0	0	0	0	0	0	0	0	0	0	2										
- Other Viral Dis & Chlamydiae			0	1	1	0	1	0	0	0	0	0	0	0	3										
MALIGNANT NEOPLASMS			0	1	0	1	0	0	0	0	0	0	0	1	3										
- Bone, Connective Tissue, Skin			0	0	0	0	0	0	0	0	0	0	0	0	1	1									
- Breast			0	0	0	1	0	0	0	0	0	0	0	0	1										
- Lymphatic & Hematopoietic			0	1	0	0	0	0	0	0	0	0	0	0	1										
BENIGN & UNCERTAIN NEOPLASMS			2	1	1	0	0	1	0	0	1	0	0	0	5										
ENDOCRINE/METABOLIC/IMMUNITY			2	1	1	0	0	0	0	0	0	0	0	0	4										

(CONTINUED)

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

Appendix I. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Women																									
Occupational Group																									
	Craf-	ts	Admi-	and	nist-	Prof-	Manu-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-	on	onal	nical	ice	erity	Labor	ear	own	Total	
Diagnostic Category																									
- Thyroid Gland Disorders			1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
- Other Metabolic & Immunity Disorders			1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MENTAL DISORDERS			2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
- Non-Psychotic Disorders			2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
NERVOUS SYSTEM (NS) & SENSE ORGANS Disorders of			5	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
- Disorders of Peripheral NS			3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
- Disorders of Eye			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
- Dis of Ear & Mastoid			2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
CIRCULATORY SYSTEM			1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
- Ischemic Heart Dis			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
- Dis of Veins, Lymphatics, Other			0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

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

(CONTINUED)

Appendix I. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Women													
Occupational Group													
		Crafts	Administrative	Professional	Manu-	Ratio-	Essential	Tech-	Serv-	Security	Labor	Unkn-	Total
Diagnostic Category	ICD-9-CM Code												
RESPIRATORY SYSTEM													
- Acute													
- Respiratory Infections													
- Other Dis													
- Upper Respiratory Tract													
- Pneumonia & Influenza													
- Chronic Obstructive Dis													
- Other Respiratory Dis													
DIGESTIVE SYSTEM													
- Oral Cavity													
- Esophagus, Stomach, Duodenum													
- Appendicitis													
- Hernia													
- Enteritis, Colitis													
		17	2	3	4	1	0	0	0	14	41		
		0	0	0	1	0	0	0	0	1	2		
		9	2	1	1	0	0	0	0	5	18		
		6	0	2	0	0	0	0	0	2	10		
		2	0	0	2	1	0	0	0	4	9		
		0	0	0	0	0	0	0	0	2	2		
		17	3	3	1	0	0	1	5	30			
		0	1	0	0	0	0	0	0	0	1		
		3	0	1	0	0	0	0	0	1	5		
		2	0	0	0	0	0	0	0	0	2		
		1	1	0	1	0	0	0	0	0	3		
		0	0	1	0	0	0	0	0	0	1		

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

(CONTINUED)



Appendix I. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Women												
Occupational Group												
	Crafts	Administrative	Professional	Manufacturing	Ratess	Technical	Service	Security	Al	Nuclear	Unknown	Total
Diagnostic Category, ICD-9-CM Code												
-Other, 560-569												
Intestinal Dis	2	0	0	0	0	0	0	0	0	0	0	2
-Other, 570-579												
Digestive Dis	9	1	1	0	0	0	0	1	4	16		
GENITOURINARY SYSTEM, 580-629												
-Other, 590-599												
Urinary Dis	2	0	2	0	0	0	0	0	1	5		
-Breast Disorders, 610-611												
-Pelvic Inflammatory Dis, 614-616												
-Other Female, 617-629												
Disorders	15	5	5	2	1	0	0	0	8	36		
PREGNANCY & CHILDBIRTH, 630-677												
-Ectopic & Molar Pregnancy, 630-633												
SKIN & SUBCUTANEOUS TISSUE, 680-709												
-Other, 700-709												
MUSCULOSKELETAL & CONNECTIVE TISSUE, 710-739												
	13	5	5	0	1	0	0	0	8	32		

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

(CONTINUED)

Appendix I. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Women																						
Occupational Group																						
	Admi-	nist-	Prof-	Manu-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-	on	onal	nical	ice	erity	Labor	ear	own	Total	
Diagnostic ICD-9-CM Code																						
Category																						
-Arthropathies, 710-719	6	4	3	0	1	0	0	0	4	18												
-Dorsopathies, 720-724	4	0	2	0	0	0	0	0	2	8												
-Rheumatism, 725-729																						
Excluding Back	2	1	0	0	0	0	0	0	1	4												
-Other Dis & Acquired Deformities, 730-739	1	0	0	0	0	0	0	0	1	2												
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	1	0	3	0	0	0	0	0	0	4												
-Symptoms, 780-789	1	0	3	0	0	0	0	0	0	4												
INJURY AND POISONING	12	2	3	4	0	0	0	0	3	24												
-Fracture - Skull, 800-804	1	0	0	0	0	0	0	0	0	1												
-Fracture - Neck, Trunk, 805-809	1	0	0	1	0	0	0	0	0	2												
-Fracture - Upper Limb, 810-819	0	0	0	1	0	0	0	0	0	1												
-Fracture - Lower Limb, 820-829	4	1	0	0	0	0	0	0	0	5												
-Sprains & Strains - Back, 846-847	1	0	0	0	0	0	0	0	1	2												
-Sprains & Strains - Other, 840-845, 848	1	0	0	1	0	0	0	0	2	4												

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

(CONTINUED)

Appendix I. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Women																									
Occupational Group																									
	Craft-	ts	Admi-	and	nist-	Prof-	Manu-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-	on	onal	nical	ice	rity	Labor	ear	own	Total	
Diagnostic ICD-9-CM Code																									
Category																									
- Open Wound , 880-887																									
Upper Limb	0	0	0	1	0	0	0	0	0	1															
- Contusion , 920-924	2	0	2	0	0	0	0	0	0	4															
- Complicatio- , 958-959																									
ns &																									
Unspecified																									
Injuries	2	1	0	0	0	0	0	0	0	3															
- Unspecified , 990-995																									
Effects -																									
External																									
Causes	0	0	1	0	0	0	0	0	0	1															
Total	93	26	29	13	5	2	1	45	214																

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

Appendix I. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

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		Men																							
		Occupational Group																							
		Craf-	ts	Admi-	and	nist-	Prof-	Manu-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-	on	onal	nical	ice	riety	Labor	ear	own	Total
Di agnostic	ICD-9- CM Code																								
Category																									
INFECTIOUS &	001-139																								
PARASITIC																									
DISEASES																									
(DIS)				1		3		0		1		1		1		1		2		10					
-Other	030-041																								
Bacterial Dis,				0		0		0		0		0		0		1		0		1					
-Viral Dis	050-057																								
with Exanthem,				1		1		0		0		0		0		0		1		3					
-Other Viral	070-079																								
Dis &																									
Chlamydiae				0		2		0		1		1		1		0		1		6					
MALIGNANT	140-208, 230-																								
NEOPLASMS	234			2		1		1		0		0		0		0		0		4					
-Bone,	170-173, 176																								
Connective																									
Tissue, Skin				0		1		1		0		0		0		0		0		2					
-Nervous	191-192																								
System				2		0		0		0		0		0		0		0		2					
BENIGN &	210-229, 235-																								
UNCERTAIN	239																								
NEOPLASMS				3		0		0		0		0		0		0		3		6					
ENDOCRINE/ME-	240-279																								
TABOLIC/IMMU-																									
NITY				0		1		1		0		0		1		0		4		7					
-Thyroid	240-246																								
Gland																									
Di sorders				0		0		1		0		0		0		0		1		2					
-Other	270-279																								
Metabolic &																									
Immunity																									
Di sorders				0		1		0		0		0		1		0		3		5					

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

Appendix I. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Men																							
Occupational Group																							
	Craft-	Admi-	nist-	Prof-	Manu-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-	on	onal	nical	ice	erity	Labor	ear	own	Total	
Di agnostic ICD-9- CM Code ,																							
Category																							
MENTAL ,290- 319																							
DISORDERS		2,	2,	1,	0,	2,	1,	0,	4,	12,													
- Non- ,300- 302, 306-																							
Psychotic ,316		1,	2,	1,	0,	2,	0,	0,	4,	10,													
Di sorders																							
- Al cohool ,303																							
Dependence		1,	0,	0,	0,	0,	0,	0,	0,	1,													
- Drug ,304- 305																							
Dependence		0,	0,	0,	0,	0,	1,	0,	0,	1,													
NERVOUS ,320- 389																							
SYSTEM (NS) & ,																							
SENSE ORGANS ,		3,	3,	2,	0,	2,	2,	2,	5,	19,													
- Di sorders of ,350- 359																							
Peripheral NS,		1,	0,	0,	0,	1,	0,	0,	2,	4,													
Di sorders of ,360- 379																							
Eye		2,	2,	0,	0,	0,	0,	1,	2,	7,													
- Dis of Ear & ,380- 389																							
Mastoid		0,	1,	2,	0,	1,	2,	1,	1,	8,													
CIRCULATORY ,390- 459																							
SYSTEM		11,	4,	4,	0,	0,	0,	1,	4,	24,													
- Ischemi c ,410- 414																							
Heart Dis		9,	2,	3,	0,	0,	0,	1,	2,	17,													
- Other Heart ,420- 429																							
Dis		0,	2,	0,	0,	0,	0,	0,	1,	3,													
- Dis of ,440- 448																							
Arteries &																							
Capillaries		0,	0,	0,	0,	0,	0,	0,	1,	1,													

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

(CONTINUED)

Appendix I. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Men																							
Occupational Group																							
	Craft-	Admi-	nist-	Prof-	Manu-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-	on	onal	nic	ice	ri	Labor	ear	own	Total	
Di agnostic ICD-9- CM Code ,																							
Category																							
-Dis of ,451- 459																							
Veins,																							
Lymphati cs,																							
Other		2,	0,	1,	0,	0,	0,	0,	0,	0,	0,	0,	0,	3,									
RESPI RATORY ,460- 519																							
SYSTEM		13,	23,	8,	2,	4,	4,	7,	27,	88,													
-Acute ,460- 466																							
Respi ratory																							
Infecti ons		3,	4,	2,	0,	1,	0,	0,	3,	13,													
-Other Dis ,470- 478																							
Upper																							
Respi ratory																							
Tract		6,	4,	3,	0,	2,	3,	2,	11,	31,													
-Pneumoni a & ,480- 487																							
Influenza		2,	10,	2,	1,	1,	0,	2,	11,	29,													
-Chronic ,490- 496																							
Obstructi ve																							
Dis		2,	5,	1,	1,	0,	1,	3,	1,	14,													
-Other ,510- 519																							
Respi ratory																							
Dis		0,	0,	0,	0,	0,	0,	0,	1,	1,													
DIGESTI VE ,520- 579																							
SYSTEM		20,	7,	6,	4,	3,	4,	2,	14,	60,													
-Oral Cavi ty, ,520- 529																							
Sal i va																							
Glands, Jaw		0,	0,	0,	0,	2,	0,	0,	0,	2,													
-Esophagus, ,530- 537																							
Stomach,																							
Duodenum		0,	3,	2,	0,	0,	0,	0,	0,	5,													
-Appendi ci ti s, 540- 543		2,	0,	1,	1,	0,	0,	0,	1,	5,													

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

(CONTINUED)

Appendix I. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Men																								
Occupational Group																								
	Craf-	ts	Admi-	nist-	Prof-	Manu-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-	on	onal	nical	ice	rity	Labor	ear	own	Total	
Diagnostic ICD-9- CM Code Category																								
-Hernia, 550-553	6	3	0	1	0	1	1	9	21															
-Enteritis, Colitis, 555-558	1	0	0	0	0	0	0	0	1															
-Other Intestinal Dis, 560-569	4	0	0	0	1	0	0	1	6															
-Other Digestive Dis, 570-579	7	1	3	2	0	3	1	3	20															
GENITOURINARY, SYSTEM, 580-629	5	3	0	0	0	1	2	8	19															
-Other Urinary Dis, 590-599	3	3	0	0	0	1	1	6	14															
-Male Genital, Organ Dis, 600-608	2	0	0	0	0	0	1	2	5															
SKIN & SUBCUTANEOUS, TISSUE, 680-709	0	1	1	1	1	0	1	1	6															
-Infections, 680-686	0	1	0	1	1	0	0	1	4															
-Other, 700-709	0	0	1	0	0	0	1	0	2															
MUSCULOSKELE-, TAL & CONNECTIVE TISSUE, 710-739	17	20	13	0	6	8	2	23	89															
-Arthropathi-, es, 710-719	9	11	7	0	4	6	2	11	50															
-Dorsopathi es, 720-724	5	8	4	0	2	1	0	10	30															

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

(CONTINUED)

Appendix I. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Diagnostic Category	Men																				
	Occupational Group																				
	Man	Admi-	nist-	Prof-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-	on	onal	nical	ice	erity	Labor	ear	own	Total
- Rheumatism, 725-729	2	1	2	0	0	0	0	0	2	7											
- Other Dis & , 730-739																					
Acquired Deformities	1	0	0	0	0	1	0	0	2												
CONGENITAL ANOMALIES, 740-759	0	0	0	0	0	0	0	1	1												
SYMPTOMS, SIGNS, & ILL-DEFINED COND., 780-799	11	1	1	0	0	1	0	10	24												
- Symptoms, 780-789	9	1	1	0	0	1	0	10	22												
- Non-Specific, 790-796																					
Abnormal Findings	2	0	0	0	0	0	0	0	2												
INJURY AND POISONING, 800-999	10	6	10	3	4	4	2	20	59												
- Fracture - Neck, Trunk, 805-809	2	2	2	0	1	0	0	1	8												
- Fracture - Upper Limb, 810-819	1	1	1	0	0	2	0	0	5												
- Fracture - Lower Limb, 820-829	2	1	2	1	1	0	2	4	13												
- Dislocation, 830-839	0	0	0	0	0	0	0	1	1												
- Sprains & Strains - Back, 846-847	0	1	1	0	0	0	0	4	6												

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

(CONTINUED)



Appendix I. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Men											
Occupational Group											
	Crafts	Administrative	Professional	Manufacturing	Rat	Essential	Technical	Service	Security	Other	Total
-Sprains & Strains - Other	3	0	2	1	1	1	0	3	11		
-Intracranial Injury	1	0	0	0	0	0	0	0	1		
-Open Wound - Upper Limb	0	0	1	0	0	0	0	1	2		
-Open Wound - Lower Limb	0	0	0	0	0	0	0	1	1		
-Late Effects	0	0	0	0	1	0	0	0	1		
-Contusion	0	1	0	1	0	0	0	3	5		
-Complications & Unspecified Injuries	1	0	0	0	0	1	0	2	4		
-Unspecified External Causes	0	0	1	0	0	0	0	0	1		
HEALTH STATUS/SERVICE CONTACT	1	0	1	0	0	1	1	1	5		
-Personal & Family History	0	0	0	0	0	0	1	0	1		
-Health Services/Reproductive Development	0	0	0	0	0	1	0	0	1		

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

(CONTINUED)

Appendix I. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Men																											
Occupational Group																											
	Craft-	ts	Admi-	and	nist-	Prof-	Manu-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-	on	onal	nic	ice	ri	ty	Labor	ear	own	Total		
Di agnostic , ICD- 9- CM Code ,																											
Category																											
- Speci fi c , V50- V59																											
Procedures/A-																											
ftercare																											
Total	99	75	49	11	23	28	21	127	433																		

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



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

Men										
Occupational Group										
	Craf-	ts	Admi-	and	nist-	Prof-	Manu-	rati-	essi-	Tech-, Serv-, Secu- al , Nucl-, Unkn-, on , onal , nical , ice , rity , Labor, ear , own , Total,
Diagnostic Category										
Infections/Parasites	10	35	0	22	11	15	13	173	279	
Cancers	110	14	23	0	0	0	0	0	147	
Benign Growths	124	0	0	0	0	0	0	76	200	
Endocrine/Metabolic	0	37	8	0	0	15	0	108	168	
Mental	55	151	28	0	49	30	0	342	655	
Nervous System	61	35	21	0	41	30	44	447	679	
Heart/Circulatory	384	88	93	0	0	0	16	206	787	
Lung/Respiratory	171	277	96	79	26	45	85	454	1233	
Digestive	434	138	91	73	41	63	31	418	1289	
Genitourinary	79	61	0	0	0	8	17	203	368	
Skin	0	8	36	8	8	0	21	22	103	
Muscles and Skeleton	470	646	268	0	386	522	40	1001	3333	
Existing Birth Condition	0	0	0	0	0	0	0	14	14	
Unspecified Symptoms	191	14	21	0	0	8	0	211	445	
Injury and Poisoning	193	94	187	67	485	111	52	496	1685	

\*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 K. Relative Risk Estimates for Selected Diagnostic Categories Among 5-Day Absences

Diagnostic Category	Administration 2,161 Person-Years				Professional 1,675 Person-Years				Technical 743 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	147	1.0	0.9	1.3	85	0.9	0.7	1.1	65	1.6	1.2	2.0
Infectious & Parasitic Diseases	4	0.7	0.2	2.4	5	1.8	0.6	5.2	1	0.5	0.1	3.7
Benign & Uncertain Neoplasms	4	1.5	0.4	5.2	1	0.5	0.1	4.3	1	1.1	0.1	9.5
Endocrine/Metabolic/Immunity	2	0.5	0.1	2.9	2	1.1	0.3	4.6	2	2.7	0.5	13.6
Mental Disorders	4	0.7	0.2	2.3	2	0.6	0.1	2.5	1	0.6	0.1	4.5
Nervous System & Sense Organs	7	1.1	0.4	2.8	4	0.7	0.2	2.1	2	0.9	0.2	3.6
Circulatory System	11	2.7	1.2	6.2	5	1.0	0.4	2.7	4	2.7	0.9	8.1
Respiratory System	29	0.9	0.6	1.5	20	1.0	0.6	1.7	11	1.2	0.7	2.3
Digestive System	34	2.0	1.3	3.1	10	0.5	0.3	1.1	8	1.1	0.5	2.3
Genitourinary System	19	0.9	0.5	1.5	10	1.2	0.6	2.3	6	1.2	0.5	2.8
Musculoskeletal & Connective Tissue	28	0.9	0.6	1.4	21	1.0	0.6	1.5	18	2.1	1.3	3.5
Symptoms, Signs & Ill- Defined Cond.	10	1.9	0.9	4.2	1	0.2	0.02	1.3	4	2.3	0.8	6.7
Injury & Poisoning	19	0.9	0.5	1.7	7	0.5	0.2	1.0	12	2.2	1.2	4.0
Fracture-Neck, Trunk	3	1.5	0.4	6.0	2	1.0	0.2	4.8	2	2.6	0.6	11.4
Fracture-Lower Limb	5	1.2	0.4	4.0	2	0.6	0.1	2.6	2	1.5	0.4	6.4
Sprains & Strains-Other	4	1.0	0.3	3.0	0				2	1.8	0.4	8.0

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

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

\*\*\*CI = Confidence Limit.

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

Diagnostic Category	Service 206 Person-Years				Security 309 Person-Years				Crafts and Manual Labor 387 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	18	1.5	0.9	2.3	26	1.6	1.1	2.4	26	1.3	0.9	1.9
Infectious & Parasitic Diseases	1	1.9	0.2	14.1	2	3.0	0.7	13.1	1	1.4	0.2	10.4
Benign & Uncertain Neoplasms	0				0				1	3.4	0.5	24.5
Endocrine/Metabolic/Immunity	0				0				1	2.3	0.3	16.9
Mental Disorders	0				3	5.4	1.5	19.8	1	1.6	0.2	12.1
Nervous System & Sense Organs	1	1.6	0.2	12.2	2	2.1	0.5	8.5	2	2.0	0.5	8.7
Circulatory System	0				0				0			
Respiratory System	3	1.1	0.3	3.4	4	1.1	0.4	3.1	4	0.9	0.3	2.5
Digestive System	5	2.6	1.1	6.5	3	1.0	0.3	3.3	4	1.2	0.4	3.3
Genitourinary System	2	1.3	0.3	5.2	1	0.7	0.1	5.2	2	1.4	0.3	6.2
Musculoskeletal & Connective Tissue	0				7	2.0	0.9	4.2	8	1.7	0.8	3.5
Symptoms, Signs & Ill- Defined Cond.	0				0				1	1.0	0.1	7.1
Injury & Poisoning	5	2.9	1.2	7.3	4	1.7	0.6	4.7	4	1.4	0.5	3.8
Fracture-Neck, Trunk	1	5.0	0.6	39.4	1	3.1	0.4	23.7	0			
Fracture-Lower Limb	1	2.8	0.4	20.4	1	2.0	0.3	14.8	0			
Sprains & Strains-Other	2	6.3	1.4	27.7	1	2.3	0.3	17.7	1	1.7	0.2	17.7

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

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

\*\*\*CI = Confidence Limit.

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

Diagnostic Category	Nuclear 263 Person-Years				Unknown 2,929 Person-Years				Total Persons with 1+ Event
	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	15	1.0	0.6	1.8	134	0.7	0.6	0.9	516
Infectious & Parasitic Diseases	1	2.5	0.3	19.7	3	0.4	0.1	1.6	18
Benign & Uncertain Neoplasms	0				3	0.9	0.2	3.9	10
Endocrine/Metabolic/Immunity	0				4	1.1	0.3	4.0	11
Mental Disorders	0				7	1.3	0.5	3.4	18
Nervous System & Sense Organs	2	2.7	0.6	11.6	6	0.6	0.2	1.6	26
Circulatory System	1	1.2	0.2	9.1	3	0.3	0.1	0.9	24
Respiratory System	3	1.0	0.3	3.2	34	0.9	0.6	1.4	108
Digestive System	3	1.3	0.4	4.0	17	0.5	0.3	0.9	84
Genitourinary System	2	2.1	0.5	9.0	15	0.8	0.5	1.5	57
Musculoskeletal & Connective Tissue	2	0.6	0.1	2.3	29	0.7	0.4	1.0	113
Symptoms, Signs & Ill- Defined Cond.	0				9	1.1	0.5	2.4	25
Injury & Poisoning	2	1.0	0.2	3.9	20	0.7	0.4	1.3	73
Fracture-Neck, Trunk	0				1	0.2	0.03	1.7	10
Fracture-Lower Limb	2	4.4	1.0	19.5	4	0.6	0.2	1.8	17
Sprains & Strains-Other	0				5	1.0	0.3	2.7	15

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

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

\*\*\*CI = Confidence Limit.

**Appendix L. Occupational Sentinel Health Events (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 health conditions 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*.

Health Conditions - 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
354M	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)



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

(CONTINUED)

Health Conditions - 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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Appendix M Number of Workers with at Least One OSHA Event by Gender, Age, and Occupation

	Women					Men					Total	Total	
	16 -	30 -	40 -	50 -	60 +	16 -	30 -	40 -	50 -	60 +			
Occupation Group													
Administration	3	5	5	5	1	19	0	1	12	7	1	21	40
Professional	2	1	1	0	0	4	0	2	3	2	0	7	11
Technical	3	5	3	0	0	11	1	9	7	1	0	18	29
Service	0	1	2	2	0	5	0	4	4	2	0	10	15
Security	0	0	1	0	0	1	0	7	4	1	0	12	13
Crafts & Manual Labor	1	1	0	0	0	2	4	10	11	3	0	28	30
Nuclear	0	0	0	0	0	0	0	1	0	0	0	1	1
Unknown	1	2	2	3	0	8	5	11	22	11	0	49	57
Total	10	15	14	10	1	50	10	45	63	27	1	146	196

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

	Women	Men	Total	
	Days	Days	Days	
	# of Restr-	# of Restr-	# of Restr-	Days
	Events, icted	Events, icted	Events, icted	Lost
Age Group				
16 - 29	10,	200,	0,	10,
30 - 39	16,	167,	40,	48,
40 - 49	15,	150,	70,	68,
50 - 59	11,	230,	90,	27,
60 +	1,	0,	0,	1,
Total	53,	747,	200,	154,

Appendix 0. Total Number of Workdays Lost or with Restricted Activity from OSHA Events by Gender and Occupation

	Women	Men	Total
Days			
# of Restr- Days			
Events, icted, Lost			
Occupational Group			
Administration	19,	120,	90,
Professional	4,	90,	0,
Technical	12,	40,	0,
Service	5,	167,	110,
Security	2,	0,	0,
Crafts and Manual Labor	2,	60,	0,
Nuclear	0,	0,	0,
Unknown	9,	270,	0,
Total	53,	747,	200,

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Appendix P. Number of Health Conditions in Each Diagnostic Category by Gender and Age\*

Diagnostic Category	Women						Men					
	Age Group						Age Group					
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total
NERVOUS SYSTEM & SENSE ORG, 320-389												
-Dis of Peri NS	4	5	2	2	0	13	2	3	5	4	0	14
RESPIRATORY SYSTEM, 460-519	0	0	0	0	0	0	0	0	1	0	0	1
-Other Respiratory Dis	0	0	0	0	0	0	0	0	1	0	0	1
DIGESTIVE SYSTEM, 520-579	0	0	0	0	0	0	1	0	0	0	0	1
-Hernia	0	0	0	0	0	0	1	0	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE, 680-709	1	1	0	0	0	2	0	1	1	0	0	2
-Other Inflammation	0	1	0	0	0	1	0	1	1	0	0	2
-Other	1	0	0	0	0	1	0	0	0	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE, 710-739	0	1	2	1	0	4	0	0	4	1	0	5
-Dorsopath	0	0	0	0	0	0	0	0	1	0	0	1
-Rheumatoid	0	1	2	1	0	4	0	0	3	1	0	4

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

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Appendix P. Number of Health Conditions in Each Diagnostic Category by Gender and Age\*

	Women					Men					Total	Total	
	Age Group					Age Group							
	16 -	30 -	40 -	50 -	60 +	16 -	30 -	40 -	50 -	60 +			
Diagnosi, ICD- 9- CM ,													
Category, Code													
SYMPTOMS , 780- 799													
SIGNS, IL,													
DEF COND ,	0,	1,	2,	0,	0,	3,	0,	0,	1,	0,	0,	1,	4,
- Symptoms, 780- 789	0,	1,	2,	0,	0,	3,	0,	0,	1,	0,	0,	1,	4,
INJURY & , 800- 999													
POISONING,	6,	8,	10,	10,	1,	35,	8,	46,	60,	25,	1,	140,	175,
- Fracture, 810- 819													
Upper Lim	0,	0,	0,	0,	0,	0,	0,	1,	2,	0,	0,	3,	3,
- Fracture, 820- 829													
Lower Lim	0,	0,	0,	0,	0,	0,	0,	1,	2,	0,	0,	3,	3,
- Dislocat, 830- 839	0,	0,	0,	0,	0,	0,	0,	0,	0,	1,	1,	1,	1,
- Sprains , 846- 847													
& Strains,													
Back	3,	1,	4,	1,	0,	9,	0,	11,	16,	6,	0,	33,	42,
- Sprains , 840- 845,													
& Strains, 848													
Other	0,	3,	4,	4,	0,	11,	3,	10,	15,	7,	0,	35,	46,
- Internal, 860- 869													
Injury - ,													
Thorax,													
Abdomen,													
Pelvis	0,	0,	0,	0,	0,	0,	0,	1,	0,	0,	0,	1,	1,
- Open Wou, 870- 879													
Head, Nec,													
Trunk	0,	0,	0,	0,	0,	0,	1,	5,	8,	1,	0,	15,	15,
- Open Wou, 880- 887													
Upper Lim	0,	1,	0,	0,	0,	1,	3,	4,	6,	1,	0,	14,	15,
- Superfi c, 910- 919													
Injury	0,	1,	0,	1,	0,	2,	0,	5,	0,	0,	0,	5,	7,

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

(CONTINUED)

Appendix P. Number of Health Conditions in Each Diagnostic Category by Gender and Age

Diagnosis	Women					Men					Total	Total	
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	16 - 29	30 - 39	40 - 49	50 - 59	60 +			
-Contusion, 920-924	1	1	1	4	1	8	1	6	10	6	0	23	31
-Burns, 940-949	1	0	0	0	0	1	0	3	2	1	0	6	7
-Complications & Unspecified Injuries, 958-959	1	1	1	0	0	3	0	0	0	0	0	0	3
-Unspecified Effects, 990-995	0	0	0	0	0	0	0	0	0	1	0	1	1
<b>Total</b>	<b>11</b>	<b>16</b>	<b>16</b>	<b>13</b>	<b>1</b>	<b>57</b>	<b>10</b>	<b>51</b>	<b>72</b>	<b>30</b>	<b>1</b>	<b>164</b>	<b>221</b>

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



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

Women										
Age Group										
	16 - 29	30 - 39	40 - 49	50 - 59	60 +					
	Days	Days	Days	Days	Days	Res-	Res-	Res-	Res-	Res-
	tri -	Days	tri -	Days	tri -	Days	tri -	Days	tri -	Days
	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost
Diagnostic Category	ICD-9-CM Codes									
- Disorders of, 350-359										
Peripheral NS,	90,	0,	107,	40,	0,	0,	30,	0,	0,	0,
- Other, 690-698										
Inflammatory										
Conditions	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,
- Other, 700-709	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,
- Rheumatism, 725-729										
Excluding										
Back	0,	0,	0,	0,	0,	0,	200,	0,	0,	0,
- Symptoms, 780-789	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,
- Sprains & Strains -										
Back	110,	0,	0,	0,	80,	0,	0,	0,	0,	0,
- Sprains & Strains -										
Other	0,	0,	0,	0,	70,	70,	0,	0,	0,	0,
- Open Wound -, 880-887										
Upper Limb	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,
- Superficial, 910-919										
Injury	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,
- Contusion, 920-924	0,	0,	60,	0,	0,	0,	0,	90,	0,	0,
- Burns, 940-949	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,
- Complications & Unspecified Injuries, 958-959										
	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,

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

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Appendix Q. 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 - 59	60 +					
	Days	Days	Days	Days	Days	Res-	Res-	Res-	Res-	Res-
	tri -	Days	tri -	Days	tri -	Days	tri -	Days	tri -	Days
	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost
Diagnostic Category	ICD-9-CM Codes									
	%									
- Disorders of, 350-359										
Peripheral NS,	0	0	0	0	20	90	100	0	0	0
- Other, 510-519										
Respiratory										
Dis	0	0	0	0	40	0	0	0	0	0
Hernia, 550-553	0	0	0	100	0	0	0	0	0	0
- Other, 690-698										
Inflammatory										
Conditions	0	0	0	0	0	0	0	0	0	0
-Dorsopathies, 720-724	0	0	0	0	160	50	0	0	0	0
-Rheumatism, 725-729										
Excluding										
Back	0	0	0	0	160	50	0	0	0	0
-Symptoms, 780-789	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
-Fracture - , 820-829										
Lower Limb	0	0	0	0	0	0	230	20	0	0
-Dislocation, 830-839	0	0	0	0	0	0	0	0	0	0
-Sprains & , 846-847										
Strains -										
Back	0	0	420	10	340	480	130	110	0	0

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

(CONTINUED)

Appendix Q. 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 - 59	60 +					
	Days	Days	Days	Days	Days	Res	Res	Res	Res	Res
	tri	tri	tri	tri	tri	Days	Days	Days	Days	Days
	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost
Diagnostic Category										
- Sprains & Strains - Other	20	170	230	210	460	130	60	10	0	0
- Internal Injury - Thorax, Abdomen, Pelvis	0	0	30	0	0	0	0	0	0	0
- Open Wound - Head, Neck, Trunk	0	0	0	0	0	0	0	0	0	0
- Open Wound - Upper Limb	100	0	0	100	120	0	0	0	0	0
- Superficial Injury	0	0	10	0	0	0	0	0	0	0
- Contusion	0	0	150	0	362	30	0	130	0	0
- Burns	0	0	0	0	0	0	0	120	0	0
- Unspecified Effects - External Causes	0	0	0	0	0	0	0	0	0	0

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

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

Men		Women		Total	
Age Group	Number of Occurrences	Age Group	Number of Occurrences	Age Group	Number of Occurrences
30 - 39	1	0	1	30 - 39	1
40 - 49	0	1	1	40 - 49	1
50 - 59	0	0	0	50 - 59	0
60 - 69	0	0	0	60 - 69	0
70 - 79	0	0	0	70 - 79	0
80 - 89	0	0	0	80 - 89	0
90 - 99	0	0	0	90 - 99	0
Total	1	1	2	Total	2
Type of Accident		Type of Accident		Type of Accident	
Natural/Environmental Factors		Natural/Environmental Factors		Natural/Environmental Factors	
Other Accidents		Other Accidents		Other Accidents	
E Codes		E Codes		E Codes	

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

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

„ffffffffffffffffffffffff.....ffffffffffffffffffff†  
, Men ,  
, †ffffffffffffffffffffffff%  
, Age Group ,  
, †ffffffff.....ffffffff%  
, , 30 - 39 , 50 - 59 ,  
, †ffff.....ffff^ffff...ffff%  
, , Days, , Days, ,  
, , Res-, , Res-, ,  
, , tri -, Days, tri -, Days,  
, , cted, Lost, cted, Lost,  
‡ffffffff.....ffff^ffff^ffff^ffff%  
, Type of , E Codes , , , , ,  
, Accident , , , , , ,  
‡ffffffff.....ffff% , , , , ,  
, Natural /Envi -, E900- E909 , , , , ,  
, ronmental , , , , , ,  
, Factors , , 0, 0, 0, 0,  
‡ffffffff.....ffff^ffff^ffff^ffff^ffff%  
, Other , E916- E928 , , , , ,  
, Accidents , , 0, 0, 0, 120,  
§ffffffff.....ffff<ffff<ffff<ffff<ffff€

\*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.

Appendix T. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Diagnostic Category	Women																						
	Occupational Group																						
	Craf-	ts	Admi-	and	ni st-	Prof-	Manu-	rati-	essi-	Tech-	Serv-	Secu-	al	Unkn-	on	onal	nical	ice	rity	Labor	own	Total	
NERVOUS SYSTEM (NS) & SENSE ORGANS			5	2	4	1	0	0	1	13													
- Disorders of																							
Peripheral NS			5	2	4	1	0	0	1	13													
SKIN & SUBCUTANEOUS TISSUE			0	0	1	0	0	1	0	2													
- Other																							
Inflammatory Conditions			0	0	1	0	0	0	0	1													
- Other			0	0	0	0	0	1	0	1													
MUSCULOSKELETAL & CONNECTIVE TISSUE			1	1	1	0	0	0	1	4													
- Rheumatism																							
Excluding Back			1	1	1	0	0	0	1	4													
SYMPTOMS, SIGNS, & ILL-DEFINED COND.			0	0	3	0	0	0	0	3													
- Symptoms			0	0	3	0	0	0	0	3													
INJURY AND POISONING			15	1	5	4	2	1	7	35													

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

(CONTINUED)

Appendix T. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Diagnostic Category	Men		Women		Total	
	No.	%	No.	%	No.	%
- Sprains & Strains - Back	2	0	3	1	5	1
- Sprains & Strains - Other	4	0	0	3	4	1
- Open Wound - Upper Limb	0	0	1	0	1	0
- Superficial Injury	0	0	0	0	0	0
- Contusion	6	1	0	0	6	1
- Burns	0	0	1	0	1	0
- Complications & Unspecified Injuries	3	0	0	0	3	0
<b>Total</b>	<b>21</b>	<b>4</b>	<b>14</b>	<b>5</b>	<b>35</b>	<b>9</b>

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

(CONTINUED)

Appendix T. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

		Men															
		Occupational Group															
		Craf-	ts	Admi-	and	ni st-	Prof-	Manu-	rati-	essi-	Tech-	Serv-	Secu-	al	Nucl-	Unkn-	Total
Diagnostic Category	ICD-9- CM Code																
NERVOUS SYSTEM (NS) & SENSE ORGANS	320- 389			4	2	3	2	0	0	0	0	0	0	3	14		
- Disorders of	350- 359			4	2	3	2	0	0	0	0	0	0	3	14		
Peripheral NS,				4	2	3	2	0	0	0	0	0	0	3	14		
RESPIRATORY SYSTEM	460- 519			0	0	0	0	0	0	0	0	0	0	1	1		
- Other	510- 519			0	0	0	0	0	0	0	0	0	0	1	1		
Respi ratory Dis				0	0	0	0	0	0	0	0	0	0	1	1		
DIGESTIVE SYSTEM	520- 579			0	0	0	0	0	0	0	0	0	0	1	1		
- Hernia	550- 553			0	0	0	0	0	0	0	0	0	0	1	1		
SKIN & SUBCUTANEOUS TISSUE	680- 709			0	0	2	0	0	0	0	0	0	0	0	2		
- Other	690- 698			0	0	2	0	0	0	0	0	0	0	0	2		
Infl ammatory Conditions				0	0	2	0	0	0	0	0	0	0	0	2		
MUSCULOSKELE-TAL & CONNECTIVE TISSUE	710- 739			2	0	2	0	0	0	0	0	0	0	1	5		
- Dorsopathies	720- 724			0	0	1	0	0	0	0	0	0	0	0	1		

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

(CONTINUED)



Appendix T. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Diagnostic Category	Men										
	Occupational Group										
	Crafts	Administrative	Professional	Managerial	Technical	Service	Security	Al	Nuclear	Unknown	Total
- Rheumatism, 725-729	2	0	1	0	0	0	0	0	1	4	
- Symptoms, 780-789	0	0	1	0	0	0	0	0	0	1	
- Fracture - Upper Limb, 810-819	1	0	1	0	0	1	0	0	0	3	
- Fracture - Lower Limb, 820-829	1	0	0	0	0	2	0	0	0	3	
- Dislocation, 830-839	1	0	0	0	0	0	0	0	0	1	
- Sprains & Strains - Back, 846-847	4	3	3	4	2	7	1	9	33		
- Sprains & Strains - Other, 840-845, 848	3	2	5	0	5	7	0	13	35		
- Internal Injury - Thorax, Abdomen, Pelvis, 860-869	0	0	1	0	0	0	0	0	0	1	

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

(CONTINUED)

Appendix T. Number of Health Conditions in Each Diagnostic Category by Gender and Occupation\*

Diagnostic Category	Men									
	Occupational Group									
ICD-9-CM Code	Crafts	Administrative	Professional	Technical	Service	Security	Manufacturing	Nuclear	Unknown	Total
- Open Wound - , 870- 879	3	0	1	0	3	3	0	5	15	
Head, Neck, Trunk										
- Open Wound - , 880- 887	2	0	0	0	0	4	0	8	14	
Upper Limb										
- Superficial , 910- 919	0	0	1	1	1	0	0	2	5	
Injury										
- Contusion , 920- 924	1	0	1	5	2	4	0	10	23	
- Burns , 940- 949	1	0	0	1	2	0	0	2	6	
- Unspecified , 990- 995	0	0	0	0	0	0	0	1	1	
Effects - External Causes										
Total	23	7	21	13	15	28	1	56	164	

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

(CONTINUED)

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

Women													
Occupational Group													
	Crafts	and	Manual	Administrative	Professional	Technical	Service	Security	Labor	Unknown			
Diagnostic Category	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	Res-cted	Res-cted	Res-cted	Res-cted	Res-cted	Res-cted	Res-cted	Res-cted	Res-cted	Res-cted	Res-cted	Res-cted	Res-cted
	Lost	Lost	Lost	Lost	Lost	Lost	Lost	Lost	Lost	Lost	Lost	Lost	Lost
Diagnosic , ICD-9-CM Codes, Category													
- Disorders of, 350-359													
Peripheral S, -Other, 690-698	30	0	90	0	0	0	107	40	0	0	0	0	0
Inflammatory, Conditions, -Other, 700-709	0	0	0	0	0	0	0	0	0	0	0	0	0
- Rheumatism, 725-729													
Excluding Back, -Symptoms, 780-789	0	0	0	0	0	0	0	0	0	0	0	0	0
-Sprains & Strains - Back, -Sprains & Strains - Other, 840-845, 848	20	0	0	0	40	0	60	0	0	0	0	70	0
- Open Wound, 880-887													
Upper Limb, -Superficial, 910-919	0	0	0	0	0	0	0	0	0	0	0	0	0
Injury, -Contusion, 920-924	0	90	0	0	0	0	0	0	0	60	0	0	0
- Burns, 940-949	0	0	0	0	0	0	0	0	0	0	0	0	0
- Complications, 958-959													
ns & Unspecified Injuries	0	0	0	0	0	0	0	0	0	0	0	0	0

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

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

Men																							
Occupational Group																							
	Crafts		and		Manual		Administration		Professional		Technical		Service		Security		Labor		Nuclear		Unknown		
	Days	Res	Days	Res	Days	Res	Days	Res	Days	Res	Days	Res	Days	Res	Days	Res	Days	Res	Days	Res	Days	Res	
	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	
Diagnos, ICD-9- CM																							
Category, Codes																							
-Dis of, 350-359																							
Per NS	20	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	
-Other, 510-519																							
Respira, Dis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	
-Hernia, 550-553	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0
-Other, 690-698																							
Inflam, Conds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Dorsop, 720-724	0	0	0	0	160	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Rheuma, 725-729																							
Excludi, ng Back	0	0	0	0	160	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Sympto, 780-789	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Fractu, 810-819																							
Up Limb, -Fractu, 820-829	0	20	0	0	0	0	0	0	0	0	0	0	230	0	0	0	0	0	0	0	0	0	
-Disloc, 830-839	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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

(CONTINUED)

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

Men																							
Occupational Group																							
	Crafts		and		Manual		Administration		Professional		Technical		Service		Security		Labor		Nuclear		Unknown		
	Days	Res-	Days	Res-	Days	Res-	Days	Res-	Days	Res-	Days	Res-	Days	Res-	Days	Res-	Days	Res-	Days	Res-	Days	Res-	
	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	
Diagnoses, ICD-9-CM																							
Category Codes																							
- Sprain, 846-847																							
& Strain																							
Back	250	360	0	0	0	0	40	40	0	180	180	10	0	0	420	10							
- Sprain, 840-845																							
& Strain, 848																							
Other	0	0	40	60	170	70	0	0	0	240	60	0	0	0	320	330							
- Intern, 860-869																							
Injury																							
Thorax																							
Abdomen																							
Pelvis	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
- Open W, 870-879																							
Head, Neck, Trunk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
- Open W, 880-887																							
Up Limb	0	0	0	0	0	0	0	0	0	100	0	0	0	0	120	100							
- Superf, 910-919																							
Injury	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0						
- Contus, 920-924	0	0	0	0	30	0	180	20	0	120	0	0	0	0	182	140							
- Burns, 940-949	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120						
- Unspec, 990-995																							
Effects																							
External Causes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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

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Appendix V. Number of Occurrences in Each Accident Category by Gender and Occupation\*

„ffffffffffffffffffffffffffffffff..ffffffffffff†  
, Men ,  
, †fffff..fffff‰  
, Occu- ,  
, pati - ,  
, onal ,  
, Group, ,  
, †fffff‰ ,  
, Unkn- ,  
, own , Total ,  
‡fffffffffffffff..fffffffffffffff~fffff~fffff‰  
, Type of , E CODES , ,  
, Accident , , ,  
‡fffffffffffffff~fffffffffffffff‰ , ,  
, Natural /Envi - , E900- E909 , , ,  
, ronmental , , ,  
, Factors , , 1, 1,  
‡fffffffffffffff~fffffffffffffff~fffff~fffff‰  
, Other , E916- E928 , , ,  
, Accidents , , 1, 1,  
Šfffffffffffffff<fffffffffffffff<fffff<fffff€

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

Appendix W. Number of Workdays Lost or with Restricted Activity in Each Accident Category by Gender and Occupation\*

„ffffffffffffffffffffffff.....ffffffffff†  
, Men ,  
, †ffffffffffff%  
, Occupati - ,  
, onal ,  
, Group ,  
, †ffffffffffff%  
, Unknown ,  
, †ffff...ffff%  
, Days, ,  
, Res- ,  
, tri - , Days,  
, cted, Lost,  
‡fffffffffffffff...fffffffffffffff^ffff^ffff%  
, Type of , E Codes , , ,  
, Accident , , , ,  
‡fffffffffffffff^fffffffffffffff% , ,  
, Natural /Envi - , E900- E909 , , ,  
, ronmental , , , ,  
, Factors , , 0, 0,  
‡fffffffffffffff^fffffffffffffff^ffff^ffff%  
, Other , E916- E928 , , ,  
, Accidents , , 0, 120,  
§fffffffffffffff<fffffffffffffff<ffff<ffff€

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

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

Diagnostic Category	Administration 2,161 Person-Years				Professional 1,675 Person-Years				Technical 743 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	40	0.7	0.5	1.1	11	0.3	0.1	0.5	29	1.8	1.2	2.7
Nervous System & Sense Organs	9	1.2	0.5	2.8	4	0.8	0.3	2.4	7	3.7	1.5	9.0
Injury & Poisoning	28	0.7	0.4	1.05	6	0.2	0.1	0.4	17	1.3	0.8	2.2
Sprains & Strains-Back	6	0.5	0.2	1.3	3	0.3	0.1	1.1	5	1.5	0.6	3.9
Sprains & Strains-Other	6	0.4	0.2	1.0	2	0.2	0.05	0.8	5	1.3	0.5	3.4
Open Wound-Head, Neck, Trunk	3	1.1	0.3	4.2	0				1	0.8	0.1	6.9
Open Wound-Upper Limb	2	0.7	0.1	3.1	0				1	0.7	0.1	5.2
Contusion	5	0.7	0.2	2.1	1	0.2	0.03	1.3	1	0.5	0.1	3.5

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

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

\*\*\*CI = Confidence Limit.



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

Diagnostic Category	Service 206 Person-Years				Security 309 Person-Years				Crafts and Manual Labor 387 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	15	3.4	2.0	5.8	13	2.0	1.1	3.5	30	4.0	2.7	6.0
Nervous System & Sense Organs	3	5.1	1.6	16.7	0				0			
Injury & Poisoning	12	3.4	1.9	6.3	13	2.4	1.4	4.3	29	5.0	3.3	7.6
Sprains & Strains-Back	4	4.8	1.7	13.4	3	2.1	0.6	6.6	7	5.1	2.2	11.7
Sprains & Strains-Other	3	2.8	0.8	9.2	6	4.3	1.8	10.2	7	4.1	1.8	9.3
Open Wound-Head, Neck, Trunk	0				2	4.1	0.8	19.8	3	4.5	1.3	15.6
Open Wound-Upper Limb	0				0				4	7.0	1.7	29.4
Contusion	4	8.2	2.8	24.1	1	1.2	0.2	9.6	5	5.7	2.1	15.0

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

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

\*\*\*CI = Confidence Limit.

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

Diagnostic Category	Nuclear 263 Person-Years				Unknown 2,929 Person-Years				Total Persons with 1+ Event
	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	0.02	1.2	57	0.8	0.6	1.1	196
Nervous System & Sense Organs	0				4	0.3	0.1	1.1	27
Injury & Poisoning	1	0.2	0.03	1.4	49	0.9	0.6	1.2	155
Sprains & Strains-Back	1	0.8	0.1	5.6	11	0.7	0.4	1.5	40
Sprains & Strains-Other	0				16	1.1	0.6	2.0	45
Open Wound-Head, Neck, Trunk	0				5	1.0	0.3	3.0	14
Open Wound-Upper Limb	0				8	2.0	0.8	5.5	15
Contusion	0				8	0.9	0.4	2.1	25

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

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

\*\*\*CI = Confidence Limit.