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

	Women					Men					Total	Total		
	Age Group					Age Group								
	16 -	30 -	40 -	50 -	60 +	16 -	30 -	40 -	50 -	60 +				
Occupational Group														
Management	0	4	13	6	0	23	0	6	28	40	19	93	116	
Scientific	5	36	12	14	3	70	25	146	167	146	116	600	670	
Professional	11	62	24	22	5	124	63	181	183	128	51	606	730	
Administrative (E)	9	43	57	57	11	177	4	21	32	33	10	100	277	
Technical Support/Supv (E)	0	6	4	3	0	13	1	61	127	139	47	375	388	
Administrative (NE)	11	57	90	33	14	205	0	0	3	2	2	7	212	
Technical Support/Supv (NE)	0	6	4	3	1	14	20	148	92	47	12	319	333	
Clerical and Support Wage	34	34	25	9	1	103	5	3	0	0	1	9	112	
Technical Bargaining Units	4	6	4	1	1	16	23	53	11	5	8	100	116	
Miscellaneous	24	32	27	20	7	110	39	171	134	137	32	513	623	
Total	57	9	17	8	5	96	35	2	6	1	0	44	140	
Total	155	295	277	176	48	951	215	792	783	678	298	2766	3717	

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

	Women						Men						Total	Total
	Age Group						Age Group							
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total		
Occupational Group														
Scientific	0	2	0	0	0	2	0	0	0	3	1	4	6	
Professional	1	0	0	0	0	1	1	1	1	3	2	2	9	10
Administrative (E)	0	2	0	2	1	5	0	1	2	2	0	5	10	
Technical Support/Supv (E)	0	0	1	0	0	1	1	3	5	9	4	22	23	
Administrative (NE)	1	1	6	1	0	9	0	0	0	0	1	1	10	
Technical Support/Supv (NE)	0	2	1	1	0	4	1	8	12	8	0	29	33	
Clerical and Support Wage	2	4	3	2	0	11	0	0	0	0	0	0	11	
Technical Bargaining Units	0	1	0	0	0	1	3	6	3	2	2	16	17	
Technical Bargaining Units	3	8	7	3	1	22	4	36	31	28	4	103	125	
Total	7	20	18	9	2	56	10	55	56	54	14	189	245	

*Only those occupational groups with at least one occurrence appear in this table.

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

	Women					Men					Total				
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	16 - 29	30 - 39	40 - 49	50 - 59	60 +	16 - 29	30 - 39	40 - 49	50 - 59	60 +
Occupational Group															
Scientific	0	2	0	0	0	2	0	0	0	4	1	5	7		
Professional	1	0	0	0	0	1	1	1	3	2	3	10	11		
Administrative (E)	0	2	0	2	1	5	0	1	2	3	0	6	11		
Tech Support/Supv (E)	0	0	1	0	0	1	2	3	5	11	5	26	27		
Administrative (NE)	1	1	6	1	0	9	0	0	0	0	1	1	10		
Tech Support/Supv (NE)	0	2	1	1	0	4	1	9	17	10	0	37	41		
Clerical and Support Wage	2	6	3	2	0	13	0	0	0	0	0	0	13		
Technical Bargaining Units	0	1	0	0	0	1	3	7	3	2	2	17	18		
Total	8	26	19	11	2	66	12	66	71	69	17	235	301		

*Only those occupational groups with at least one occurrence appear in this table.

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

	Women					Men							
	Age Group					Age Group							
	16 -	30 -	40 -	50 -	60 +	16 -	30 -	40 -	50 -	60 +	Total	Total	
# of Calendar Days													
< 15	5	16	14	6	0	41	8	43	50	29	9	139	180
15 - 28	1	2	1	1	2	7	3	12	9	25	4	53	60
29 - 42	0	2	0	2	0	4	1	5	4	7	1	18	22
43 - 56	1	2	4	0	0	7	0	1	3	2	0	6	13
57 - 91	1	2	0	1	0	4	0	2	3	4	1	10	14
92 - 182	0	2	0	1	0	3	0	2	1	2	2	7	10
183 +	0	0	0	0	0	0	0	1	1	0	0	2	2
Total	8	26	19	11	2	66	12	66	71	69	17	235	301

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

	Women										Men										
Occupational Group																					
	Cle-	Adm-	Tech,	Adm-	Tech,	ri c-					Adm-	Tech,	Adm-	Tech,							
	ini-	Sup-	ini-	Sup-	al	Bar-				ini-	Sup-	ini-	Sup-	Bar-							
	Pro-	str-	por-	str-	por-	and	gai-			Pro-	str-	por-	str-	por-	gai-						
	Sci-	fes-	ati-	t/S-	ati-	t/S-	Sup-	Tec-	ning,	Sci-	fes-	ati-	t/S-	ati-	t/S-	Tec-	ning,				
	ent-	sio-	ve	upv	ve	upv	port,	hni-	Uni-	Tot-	ent-	sio-	ve	upv	ve	upv	hni-	Uni-	Tot-		
	ific,	nal	(E)	(E)	(NE)	(NE)	Wage,	cal	ts	al	ific,	nal	(E)	(E)	(NE)	(NE)	cal	ts	al		
# of																					
Calendar,																					
Days																					
< 15	0,	1,	2,	1,	5,	1,	6,	1,	24,	41,	1,	2,	3,	12,	0,	21,	15,	85,	139,		
15 - 28	0,	0,	2,	0,	2,	0,	2,	0,	1,	7,	3,	5,	2,	8,	0,	12,	2,	21,	53,		
29 - 42	0,	0,	1,	0,	0,	2,	0,	0,	1,	4,	1,	3,	1,	2,	0,	1,	0,	10,	18,		
43 - 56	1,	0,	0,	0,	2,	1,	2,	0,	1,	7,	0,	0,	1,	0,	2,	0,	3,	6,			
57 - 91	0,	0,	0,	0,	0,	0,	1,	0,	3,	4,	0,	0,	0,	1,	0,	1,	0,	8,	10,		
92 - 182	1,	0,	0,	0,	0,	0,	2,	0,	0,	3,	0,	0,	0,	2,	1,	0,	0,	4,	7,		
183 +	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	2,	2,		
Total	2,	1,	5,	1,	9,	4,	13,	1,	30,	66,	5,	10,	6,	26,	1,	37,	17,	133,	235,		

*Only those gender/occupational combinations with at least one health event appear in this table.

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

Diagnostic Category	Women					Men					Total		
	16 -	30 -	40 -	50 -	60 +	16 -	30 -	40 -	50 -	60 +			
Intestinal Infections	0	3	0	0	0	3	0	3	1	3	0	7	10
Bacterial Disinfectants	0	1	0	0	0	1	0	0	0	0	0	0	1
Viral Disinfectants	0	0	0	0	0	0	0	1	0	2	0	3	3
Chlamydiae	0	0	0	0	0	0	0	2	1	1	0	4	4
Other Infections	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)

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

Diagnostic Category	Women					Men				
	16 -	30 -	40 -	50 -	Tot-	16 -	30 -	40 -	50 -	Tot-
Diagn- ICD-9-										
ostic CM										
Categ- Code										
ory										
MALIG- 140-										
NANT 208-										
NEOPL- 230-										
ASMS 234	0	0	0	0	0	0	0	0	1	1
- Dige- 150-										
stive 159										
&										
Perit-										
oneal	0	0	0	0	0	0	0	0	0	1
- Geni- 179-										
touri- 189										
nary	0	0	0	0	0	0	0	0	1	0
- Other 190-										
& 193-										
Unspe- 199										
ci fied										
Sites	0	0	0	0	0	0	0	0	1	0
BENIGN 210-										
& 229-										
UNCER- 235-										
TAIN 239										
NEOPL-										
ASMS	0	0	2	0	0	2	1	0	1	2
ENDOC- 240-										
RINE/- 279										
METAB-										
OLIC/-										
IMMUN-										
ITY	0	0	1	1	0	2	0	0	1	1
- Other 250-										
Endoc- 259										
rine										
Gland										
Dis	0	0	0	1	0	1	0	0	0	1

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

(CONTINUED)

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

Diagnostic Category	Women					Men							
	16 -	30 -	40 -	50 -	Tot-	16 -	30 -	40 -	50 -	Tot-			
Diagn- ICD-9-													
ostic CM													
Categ- Code													
ory													
- Other, 270-													
Metab-, 279													
olic &													
Immun-													
ity													
Di sor-													
ders	0	0	1	0	0	1	0	0	1	1	0	2	3
BLOOD, 280-													
& 289													
BLOOD-													
FORM-													
NG													
ORGANS,	0	0	1	0	0	1	0	0	3	0	0	3	4
MENTAL, 290-													
DISOR- 319													
TERS	1	2	0	0	0	3	0	0	0	1	0	1	4
- Non- 300-													
Psych-, 302,													
otic 306-													
Di sor-, 316													
ders	1	2	0	0	0	3	0	0	0	1	0	1	4
NERVO-, 320-													
US 389													
SYSTEM													
(NS) &													
SENSE													
ORGANS,	0	1	1	1	1	4	0	2	4	3	1	10	14
- Here-, 330-													
ditar-, 337													
y/Deg-													
enera-													
tive													
Centr-													
al NS													
Dis	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)

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

Diagnostic Category	Women					Men				
	16 -	30 -	40 -	50 -	Tot-	16 -	30 -	40 -	50 -	Tot-
Diagn- ICD-9-										
ostic CM										
Categ- Code										
ory										
- Diso- 350-										
rders 359										
of										
Perip-										
heral										
NS	0	0	0	1	0	1	0	0	0	3
- Diso- 360-										
rders 379										
of Eye	0	1	1	0	0	2	0	0	2	0
- Dis 380-										
of Ear 389										
&										
Masto-										
id	0	0	0	0	1	1	0	2	1	0
CIRCU- 390-										
LATORY 459										
SYSTEM	0	0	0	2	0	2	0	1	8	14
- Hype- 401-										
rtens- 405										
ive										
Dis	0	0	0	0	0	0	0	1	4	0
- Isch- 410-										
emic 414										
Heart										
Dis	0	0	0	1	0	1	0	0	1	5
- Other 420-										
Heart 429										
Dis	0	0	0	1	0	1	0	0	4	1
- Cere- 430-										
brova- 438										
scular										
Dis	0	0	0	0	0	0	0	0	2	2

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

(CONTINUED)

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

Diagnostic Category	Women					Men					Total	
	Age Group					Age Group						
	16 -	30 -	40 -	50 -	Tot-	16 -	30 -	40 -	50 -	Tot-		
Diagn- ICD-9-												
ostic CM												
Categ- Code												
ory												
- Dis ,451-												
of ,459												
Veins,												
Lymph-												
atics,												
Other	0	0	0	0	0	0	0	1	2	2	0	5
RESPI- 460-												
RATORY 519												
SYSTEM	2	13	4	4	0	23	10	21	31	28	8	98
- Acute, 460-												
Respi- 466												
ratory,												
Infec-												
tions	1	7	0	3	0	11	6	11	13	19	5	65
- Other, 470-												
Dis ,478												
Upper												
Respi-												
ratory,												
Tract	0	1	0	0	0	1	0	2	7	0	1	10
- Pneu- 480-												
monia ,487												
&												
Influ-												
enza	0	2	0	1	0	3	2	1	5	7	1	16
- Chro- 490-												
nic ,496												
Obstr-												
uctive,												
Dis	1	3	4	0	0	8	2	6	6	2	1	17
- Other, 510-												
Respi- 519												
ratory,												
Dis	0	0	0	0	0	0	0	1	0	0	0	1

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

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

Diagnostic Category	Women					Men							
	Age Group					Age Group							
	16 -	30 -	40 -	50 -	Tot-	16 -	30 -	40 -	50 -	Tot-			
DIGESTIVE SYSTEM	2	2	3	0	0	7	1	1	10	12	0	24	31
- Oral Cavity, Salivary Glands, Jaw	2	0	0	0	0	2	0	0	3	0	0	3	5
- Esophagus, Stomach, Duodenum	0	0	0	0	0	0	1	0	1	2	0	4	4
- Hernia	0	0	1	0	0	1	0	0	3	5	0	8	9
- Enteritis, Colitis	0	0	1	0	0	1	0	0	3	2	0	5	6
- Other Intestinal Dis	0	0	0	0	0	0	0	1	0	3	0	4	4
- Other Digestive Dis	0	2	1	0	0	3	0	0	0	0	0	0	3
GENITAL URINARY SYSTEM	0	3	2	5	0	10	0	0	1	6	1	8	18

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

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Appendix F. 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+	
Nephritis, 589	0	0	0	0	0	0	0	0	0	0	0
Urinary Dis., 599	0	1	0	0	0	1	0	0	1	0	2
Genital Organ Dis., 608	0	0	0	0	0	0	0	0	2	1	3
Disorders, 611	0	0	0	3	0	3	0	0	0	0	3
Pelvic Inflammatory Dis., 616	0	0	1	0	0	1	0	0	0	0	1
Disorders, 629	0	2	1	2	0	5	0	0	0	0	5
PREGNANCY & CHILD BIRTH, 677	1	4	1	0	0	6	0	0	0	0	6
Pregnancy with Abortive Outcome, 639	0	0	1	0	0	1	0	0	0	0	1

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

(CONTINUED)

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Appendix F. 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 +	16 - 29	30 - 39	40 - 49	50 - 59	60 +
Diagn., ICD-9-										
ostic, CM										
Categ., Code										
ory										
- Preg., 640										
nancy, 648										
Comp-										
lica-										
tions	0	1	0	0	0	1	0	0	0	0
- Norm., 650-										
al, 659										
Deliv-										
ery	1	2	0	0	0	3	0	0	0	0
- Deli-, 670-										
very, 677										
Comp-										
lica-										
tions	0	1	0	0	0	1	0	0	0	0
SKIN &, 680-										
SUBCU-, 709										
TANEO-										
US										
TISSUE,	0	0	0	0	0	0	1	3	1	1
- Infe-, 680-										
ctions, 686	0	0	0	0	0	0	0	2	0	1
- Other, 690-										
Infla-, 698										
mmato-										
ry										
Condi-										
tions	0	0	0	0	0	0	0	0	1	0
- Other, 700-										
, 709	0	0	0	0	0	0	1	1	0	0
MUSCU-, 710-										
LOSKE-, 739										
LETAL										
&										
CONNE-										
CTIVE										
TISSUE,	0	5	4	2	2	13	0	18	10	19
- Arth-, 710-										
ropat-, 719										
hies	0	1	0	0	0	1	0	4	2	4
- Dors-, 720-										
opath-, 724										
ies	0	3	1	1	2	7	0	11	6	8

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

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

Diagnostic Category	Women					Men					Total	
	Age Group					Age Group						
	16 -	30 -	40 -	50 -	Tot-	16 -	30 -	40 -	50 -	Tot-		
Diagn- ICD-9-												
ostic CM												
Categ- Code												
ory												
- Rheu- 725-												
matis- 729												
m												
Exclu-												
ding												
Back	0	0	3	1	0	4	0	2	2	7	2	13
- Other, 730-												
Dis & , 739												
Acqui-												
red												
Defor-												
mities	0	1	0	0	0	1	0	1	0	0	0	1
SYMPT- 780-												
OMS, 799												
SIGNS,												
& ILL-												
DEFIN-												
ED												
COND.	2	0	0	2	0	4	2	2	4	6	1	15
- Symp- 780-												
toms 789	2	0	0	2	0	4	2	2	4	6	1	15
INJURY, 800-												
AND 999												
POISO-												
NING	4	3	5	2	0	14	4	30	19	8	3	64
- Frac- 805-												
ture - 809												
Neck,												
Trunk	0	0	1	0	0	1	0	0	0	0	0	1
- Frac- 810-												
ture - 819												
Upper												
Limb	0	0	0	0	0	0	0	3	2	1	0	6

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

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

Diagnostic Category	Women					Men							
	Age Group					Age Group							
	16 -	30 -	40 -	50 -	Tot-	16 -	30 -	40 -	50 -	Tot-			
Limb, Lower	0	1	0	0	0	1	0	1	1	1	0	3	4
Dislocation, Lower Limb	0	0	0	0	0	0	0	3	2	0	0	5	5
Sprains & Strains, Lower Limb	2	1	1	0	0	4	0	4	6	0	0	10	14
Sprains & Strains, Other	0	0	2	0	0	2	2	11	3	2	1	19	21
Injury, Internal	1	0	0	0	0	1	0	0	1	0	0	1	2
Injury, Thoracic, Abdominal, Pelvic	0	0	0	0	0	0	0	1	0	0	0	1	1
Open Wound, Upper Limb	0	0	0	0	0	0	0	2	0	1	0	3	3

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

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

Diagnostic Category	Women					Men					Total	
	16 -	30 -	40 -	50 -	60 +	16 -	30 -	40 -	50 -	60 +		
Diagn- ICD-9-												
ostic CM												
Categ- Code												
ory												
-Open, 890-												
Wound, 897												
Lower												
Limb	0	0	0	0	0	0	0	0	0	1	0	1
-Superfici-												
al												
Injury,	0	1	0	1	0	2	0	1	0	0	0	1
-Cont-, 920-												
usion, 924	0	0	0	1	0	1	1	2	4	1	2	10
-Comp-, 958-												
licat-, 959												
ions &												
Unspe-												
ci fied,												
Injur-												
ies	1	0	0	0	0	1	1	2	0	0	0	3
-Comp-, 996-												
licat-, 999												
ions												
of												
Surgi-												
cal/M-												
edical,												
Care	0	0	1	0	0	1	0	0	0	1	0	1
HEALTH, V01-												
STATU-, V82												
S/HEA-												
LTH												
SERVI-												
CE												
CONTA-												
CT	1	4	1	0	0	6	0	1	0	0	1	2

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

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

	Women					Men					Total							
	16 -	30 -	40 -	50 -	Tot-	16 -	30 -	40 -	50 -	Tot-	16 -	30 -	40 -	50 -	Tot-			
	29	39	49	59	60 +	al	29	39	49	59	60 +	al	29	39	49	59	60 +	al
Diagn- ICD-9-																		
ostic CM																		
Categ- Code																		
ory																		
- Heal- V20-																		
th V29																		
Servi-																		
ces																		
Repro-																		
ducti-																		
on/De-																		
velop-																		
ment	1	4	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
- Spec- V50-																		
ific V59																		
Proce-																		
dures-																		
/Afte-																		
rcare	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1			
- Exam- V70-																		
inati- V82																		
on &																		
Inves-																		
tigat-																		
ion	0	0	1	0	0	1	0	1	0	0	0	0	1	2				
Total	13	40	25	19	3	100	19	82	95	105	24	325	425					

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

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

Diagnostic Category	Women					Men					Total		
	16 -	30 -	40 -	50 -	60 +	16 -	30 -	40 -	50 -	60 +			
Diagnoses/Parasites	0	21	0	0	0	21	0	30	51	28	0	109	130
Cancers	0	0	0	0	0	0	0	0	16	15	134	165	165
Benign Growths	0	0	94	0	0	94	26	0	7	60	0	93	187
Endocrine/Metabolic	0	0	7	42	0	49	0	0	14	24	58	96	145
Blood	0	0	54	0	0	54	0	0	51	0	0	51	105
Mental	6	49	0	0	0	55	0	0	0	6	0	6	61
Nervous System	0	11	7	98	21	137	0	14	50	65	9	138	275
Heart/Circulatory	0	0	0	48	0	48	0	16	134	461	112	723	771
Lung/Respiratory	12	44	33	9	0	98	43	136	219	93	54	545	643
Digestive	67	33	65	0	0	165	31	8	185	272	0	496	661
Genitourinary	0	15	54	71	0	140	0	0	39	99	14	152	292
Pregnancy/Childbirth	91	320	7	0	0	418	0	0	0	0	0	0	418
Skin	0	0	0	0	0	0	26	46	14	24	0	110	110
Muscles and Skeleton	0	172	27	53	24	276	0	501	854	373	23	1751	2027

*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)

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Appendix G. 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,												
Unspeci-												
fied												
Symptoms,	12,	0,	0,	61,	0,	73,	21,	16,	36,	128,	18,	219,
Injury												
and												
Poisoni-												
ng	77,	64,	100,	6,	0,	247,	43,	948,	867,	181,	129,	2168,

*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.

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

	Women											
	Occupational Group											
	Cler-		Admi -		Tech ,		Admi -		Tech ,		ical ,	
	, Barg-		, Supp-		, ni st-		, Supp-		, ni st-		, and ,	
	, ai ni -		, ort/-		, rati -		, ort/-		, Supp-		, Sci e-	
	, ve ,		, Supv ,		, ve ,		, Supv ,		, ort ,		, Tech-	
	, ng ,		, (E) ,		, (E) ,		, (NE) ,		, (NE) ,		, Wage ,	
	, nical		, Units		, Total							
Diagnostic ICD-9-CM Code ,	, , , , , , , , , , , ,											
Category ,	, , , , , , , , , , , ,											
INFECTIOUS & , 001-139	, , , , , , , , , , , ,											
PARASITIC ,	, , , , , , , , , , , ,											
DISEASES ,	, , , , , , , , , , , ,											
(DIS) ,	0, 0, 0, 0, 0, 0, 0, 1, 0, 2, 3											
-Intestinal , 001-009	, , , , , , , , , , , ,											
Infectious ,	, , , , , , , , , , , ,											
Dis ,	0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1,											
-Other , 030-041	, , , , , , , , , , , ,											
Bacterial Dis ,	0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1,											
-Other , 130-136	, , , , , , , , , , , ,											
Infections & ,	, , , , , , , , , , , ,											
Parasitic Dis ,	0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1,											
BENIGN & , 210-229, 235-	, , , , , , , , , , , ,											
UNCERTAIN , 239	, , , , , , , , , , , ,											
NEOPLASMS ,	0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 2,											
ENDOCRINE/ME- , 240-279	, , , , , , , , , , , ,											
TABOLIC/IMMU- ,	, , , , , , , , , , , ,											
NITY ,	0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 2											
-Other , 250-259	, , , , , , , , , , , ,											
Endocrine ,	, , , , , , , , , , , ,											
Gland Dis ,	0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1,											
-Other , 270-279	, , , , , , , , , , , ,											
Metabolic & ,	, , , , , , , , , , , ,											
Immunity ,	, , , , , , , , , , , ,											
Di sorders ,	0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1,											
BLOOD & BLOOD, 280-289	, , , , , , , , , , , ,											
FORMING ,	, , , , , , , , , , , ,											
ORGANS ,	0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1,											
MENTAL , 290-319	, , , , , , , , , , , ,											
DISORDERS ,	1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 3,											

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

(CONTINUED)

BNL 1995

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

Diagnostic Category	Women											
	Occupational Group											
	Cler-	Admi-	Tech	Admi-	Tech	ical						
	ni st-	Supp-	ni st-	Supp-	and		Barg-					
	Sci-	Pro-	rati-	ort/-	rati-	ort/-	Supp-		ai ni-			
	ntif-	fess-	ve	Supv	ve	Supv	ort	Tech-	ng			
	ic	ional	(E)	(E)	(NE)	(NE)	Wage	nical	Units	Total		
ICD-9-CM Code												
Category												
- Non-Psychotic Disorders	300-302, 306-											
316												
1, 0, 0, 0, 0, 0, 1, 0, 1, 3,												
NERVOUS SYSTEM (NS) & SENSE ORGANS												
320-389												
0, 0, 2, 0, 1, 0, 1, 0, 0, 4												
- Disorders of, 350-359												
Peripheral NS,												
0, 0, 0, 0, 0, 0, 1, 0, 0, 1,												
- Disorders of, 360-379												
Eye												
0, 0, 1, 0, 1, 0, 0, 0, 0, 2,												
- Dis of Ear & Mastoid												
0, 0, 1, 0, 0, 0, 0, 0, 0, 1,												
CIRCULATORY SYSTEM												
390-459												
0, 0, 0, 0, 0, 1, 0, 0, 1, 2												
- Ischemic Heart Dis												
410-414												
0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1,												
- Other Heart Dis												
420-429												
0, 0, 0, 0, 0, 1, 0, 0, 0, 1,												
RESPIRATORY SYSTEM												
460-519												
0, 2, 1, 0, 5, 0, 3, 0, 12, 23												
- Acute Respiratory Infections												
460-466												
0, 1, 0, 0, 3, 0, 0, 0, 7, 11,												
- Other Dis of Upper Respiratory Tract												
470-478												
0, 0, 0, 0, 0, 0, 1, 0, 0, 1,												
- Pneumonia & Influenza												
480-487												
0, 0, 0, 0, 1, 0, 0, 0, 2, 3,												

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

(CONTINUED)

BNL 1995

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

Women											
Occupational Group											
	Cler-	Admi-	Tech	Admi-	Tech	ical					
		ni st-	Supp-	ni st-	Supp-	and	Barg-				
		Scie-	Pro-	rati-	ort/-	rati-	ort/-	Supp-	ai ni-		
		ntif-	fess-	ve	Supv	ve	Supv	ort	Tech-	ng	
		ic	ional	(E)	(E)	(NE)	(NE)	Wage	nic al	Units	Total
Diagnostic Category	ICD-9-CM Code										
- Chronic	490-496										
- Obstructive											
- Dis		0	1	1	0	1	0	2	0	3	8
- DIGESTIVE	520-579										
- SYSTEM		0	0	0	0	0	1	3	1	2	7
- Oral Cavity	520-529										
- Saliva											
- Glands, Jaw		0	0	0	0	0	0	1	0	1	2
- Hernia	550-553	0	0	0	0	0	0	1	0	0	1
- Enteritis	555-558										
- Colitis		0	0	0	0	0	0	0	0	1	1
- Other	570-579										
- Digestive Dis		0	0	0	0	0	1	1	1	0	3
- GENITOURINARY	580-629										
- SYSTEM		0	0	0	0	5	0	1	0	4	10
- Other	590-599										
- Urinary Dis		0	0	0	0	0	0	0	0	1	1
- Breast	610-611										
- Disorders		0	0	0	0	3	0	0	0	0	3
- Pelvic	614-616										
- Inflammatory											
- Dis		0	0	0	0	1	0	0	0	0	1
- Other Female	617-629										
- Disorders		0	0	0	0	1	0	1	0	3	5
- PREGNANCY &	630-677										
- CHILDBIRTH		1	0	0	1	0	0	3	0	1	6
- Pregnancy	634-639										
- with Abortive											
- Outcome		0	0	0	1	0	0	0	0	0	1

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

(CONTINUED)

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

Diagnostic Category	Women									
	Occupational Group									
	Cler-	Admi-	Tech	Admi-	Tech	ical	Supp-	and	Barg-	Supp-
	(E)	(E)	(NE)	(E)	(NE)	(NE)	Wage	nic	Units	Total
- Pregnancy , 640-648	0	0	0	0	0	0	1	0	0	1
Complications	0	0	0	0	0	0	2	0	1	3
- Normal , 650-659	0	0	0	0	0	0	0	0	0	0
Delivery	0	0	0	0	0	0	0	0	0	0
- Delivery , 670-677	1	0	0	0	0	0	0	0	0	1
Complications	0	0	2	0	1	1	0	0	9	13
MUSCULOSKELE- , 710-739	0	0	0	0	0	0	0	0	1	1
TAL & CONNECTIVE TISSUE	0	0	1	0	0	1	0	0	5	7
- Arthropathi- , 710-719	0	0	0	0	0	0	0	0	0	0
es	0	0	1	0	1	0	0	0	2	4
- Dorsopathi es, 720-724	0	0	0	0	0	0	0	0	0	0
- Rheumatism , 725-729	0	0	1	0	1	0	0	0	2	4
Excluding Back	0	0	0	0	0	0	0	0	0	0
- Other Dis & , 730-739	0	0	0	0	0	0	0	0	1	1
Acquired Deformities	0	0	0	0	0	0	0	0	0	0
SYMPTOMS, , 780-799	0	0	1	0	0	0	1	0	2	4
SIGNS, & ILL- , DEFINED COND.	0	0	1	0	0	0	1	0	2	4
- Symptoms , 780-789	0	0	1	0	0	0	1	0	2	4
INJURY AND , 800-999	0	0	1	0	4	1	0	0	8	14
POISONING	0	0	0	0	1	0	0	0	0	1
- Fracture - , 805-809	0	0	0	0	1	0	0	0	0	1
Neck, Trunk	0	0	0	0	0	1	0	0	0	1
- Fracture - , 820-829	0	0	0	0	0	1	0	0	0	1
Lower Limb	0	0	0	0	0	1	0	0	0	1

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

(CONTINUED)

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

		Women									
		Occupational Group									
		Cler-, Admi-, Tech, Admi-, Tech, ical, ni st-, Supp-, ni st-, Supp-, and, Barg-, Scie-, Pro-, rati-, ort/-, rati-, ort/-, Supp-, ai ni-, ntif-, fess-, ve, Supv, ve, Supv, ort, Tech-, ng, ic, ional, (E), (E), (NE), (NE), Wage, nical, Units, Total,									
Diagnostic Category	ICD-9-CM Code										
- Sprains & Strains - Back	846-847	0	0	0	0	1	0	0	0	3	4
- Sprains & Strains - Other	840-845, 848	0	0	0	0	1	0	0	0	1	2
- Intracranial Injury	850-854	0	0	0	0	0	0	0	0	1	1
- Superficial Injury	910-919	0	0	1	0	0	0	0	0	1	2
- Contusion	920-924	0	0	0	0	0	0	0	0	1	1
- Complications & Unspecified Injuries	958-959	0	0	0	0	0	0	0	0	1	1
- Complications of Surgical/Medical Care	996-999	0	0	0	0	1	0	0	0	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	0	0	0	0	0	3	0	2	6
- Health Services/Reproduction/Development	V20-V29	1	0	0	0	0	0	2	0	2	5
- Examination & Investigation	V70-V82	0	0	0	0	0	0	1	0	0	1
Total		3	2	7	1	18	5	18	1	45	100

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

(CONTINUED)

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

Diagnostic Category	Men									
	Occupational Group									
ICD-9-CM Code	Admi	Tech	Admi	Tech	ni st	Supp	ni st	Supp	Barg	Total
INFECTIOUS & PARASITIC DISEASES (DIS)	0	0	0	1	0	3	0	3	7	
-Viral Dis with Exanthem	0	0	0	0	0	2	0	1	3	
-Other Viral Dis & Chlamydiae	0	0	0	1	0	1	0	2	4	
MALIGNANT NEOPLASMS	0	1	0	1	0	1	0	0	3	
- Digestive & Peritoneal	0	0	0	1	0	0	0	0	1	
- Genitourinary	0	1	0	0	0	0	0	0	1	
- Other & Unspecified Sites	0	0	0	0	0	1	0	0	1	
BENIGN & UNCERTAIN NEOPLASMS	1	1	0	0	0	0	0	2	4	
ENDOCRINE/METABOLIC/IMMUNITY	0	0	0	2	0	0	0	1	3	
- Other Endocrine Gland Dis	0	0	0	1	0	0	0	0	1	
- Other Metabolic & Immunity Disorders	0	0	0	1	0	0	0	1	2	

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

(CONTINUED)

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

		Men									
		Occupational Group									
		Admi -		Tech		Admi -		Tech			
		, ni st-		, Supp-		, ni st-		, Supp-		, Barg-	
		, Scie-		, Pro-		, rati-		, ort/-		, rati-	
		, ort/-		, rati-		, ort/-		, aini-			
		, ntif-		, fess-		, ve		, Supv		, ve	
		, ic		, ional		, (E)		, (E)		, (NE)	
		, (E)		, (NE)		, nical		, Units		, Total	
Diagnostic Category	ICD-9-CM Code										
BLOOD & BLOOD FORMING ORGANS	280-289										
MENTAL DISORDERS	290-319	0	0	0	3	0	0	0	0	0	3
- Non-Psychotic Disorders	300-302, 306-316										
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389										
- Hereditary/Degenerative Central NS Disorders	330-337										
- Disorders of Peripheral NS	350-359	0	0	0	4	0	0	1	5	10	
- Disorders of Eye	360-379										
- Dis of Ear & Mastoid	380-389	0	0	0	1	0	0	0	2	3	
CIRCULATORY SYSTEM	390-459										
- Hypertensive Dis	401-405	0	0	0	6	0	3	0	16	28	
- Ischemic Heart Dis	410-414	0	1	0	3	0	0	0	3	7	
- Other Heart Dis	420-429	0	0	0	2	0	2	0	3	7	

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

(CONTINUED)

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

Men										
Occupational Group										
	Admi-	Tech	Admi-	Tech				Barg-		
	Sci-	Pro-	orti-	orti-	Sci-	Pro-	orti-	orti-	Sci-	Pro-
	ntif-	fess-	ve	Supv	ve	Supv	Tech-	ng		
	ic	ional	(E)	(E)	(NE)	(NE)	nic	al	Units	Total
Diagnosti c	ICD-9-CM Code									
Category										
- Cerebrovasc-	430-438									
ular Dis	1,	0,	0,	0,	0,	0,	0,	3,	4,	
- Dis of	451-459									
Veins,										
Lymphatics,										
Other	1,	0,	0,	0,	0,	0,	0,	4,	5,	
RESPIRATORY	460-519									
SYSTEM	0,	2,	0,	12,	0,	19,	10,	55,	98	
- Acute	460-466									
Respiratory										
Infections	0,	0,	0,	8,	0,	14,	7,	25,	54,	
- Other Dis	470-478									
Upper										
Respiratory										
Tract	0,	2,	0,	2,	0,	0,	0,	6,	10,	
- Pneumonia &	480-487									
Influenza	0,	0,	0,	2,	0,	4,	1,	9,	16,	
- Chronic	490-496									
Obstructive										
Dis	0,	0,	0,	0,	0,	1,	2,	14,	17,	
- Other	510-519									
Respiratory										
Dis	0,	0,	0,	0,	0,	0,	0,	1,	1,	
DIGESTIVE	520-579									
SYSTEM	1,	0,	4,	3,	0,	4,	0,	12,	24	
- Oral Cavity,	520-529									
Saliva										
Glands, Jaw	0,	0,	1,	0,	0,	0,	0,	2,	3,	
- Esophagus,	530-537									
Stomach,										
Duodenum	0,	0,	0,	0,	0,	2,	0,	2,	4,	

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

(CONTINUED)

BNL 1995

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

		Men									
		Occupational Group									
		Admi-	Tech	Admi-	Tech						
		nist-	Supp-	nist-	Supp-	Barg-					
		Sci e-	Pro-	rati-	ort/-	rati-	ort/-	aini-			
		ntif-	fess-	ve	Supv	ve	Supv	Tech-	ng		
		ic	ional	(E)	(E)	(NE)	(NE)	nic al	Units	Total	
Diagnostic Category	ICD-9-CM Code										
- Hernia	550-553	1	0	1	1	0	1	0	4	8	
- Enteritis, Colitis	555-558	0	0	0	0	0	1	0	4	5	
- Other	560-569										
Intestinal Dis		0	0	2	2	0	0	0	0	4	
GENITOURINARY, SYSTEM	580-629	1	1	0	0	0	0	0	6	8	
- Nephritis, Nephrosis	580-589	0	0	0	0	0	0	0	4	4	
- Other	590-599										
Urinary Dis		0	0	0	0	0	0	0	1	1	
- Male Genital, Organ Dis	600-608	1	1	0	0	0	0	0	1	3	
SKIN & SUBCUTANEOUS TISSUE	680-709										
- Infections	680-686	0	0	0	1	0	0	0	2	3	
- Other	690-698										
Inflammatory Conditions		0	0	0	0	0	0	0	1	1	
- Other	700-709	0	1	0	0	0	0	0	1	2	
MUSCULOSKELE-TAL & CONNECTIVE TISSUE	710-739										
- Arthropathies	710-719	0	0	0	3	0	2	0	5	10	
- Dorsopathies	720-724	0	0	1	1	0	6	1	16	25	

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

(CONTINUED)

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

Men											
Occupational Group											
	Admi-	Tech	Admi-	Tech							
	nist-	Supp-	nist-	Supp-	Barg-	Sci-	Pro-	orti-	orti-	aini-	
	ntif-	fess-	ve	Supv	ve	Supv	Tech-	ng			
	ic	ional	(E)	(E)	(NE)	(NE)	nic	al	Units	Total	
Diagnostic Category	ICD-9-CM Code										
- Rheumatism, 725-729											
- Excluding Back											
- Other Dis & Acquired Deformities											
SYMPTOMS, SIGNS, & ILL-DEFINED COND.											
- Symptoms											
INJURY AND POISONING											
- Fracture - Upper Limb											
- Fracture - Lower Limb											
- Dislocation											
- Sprains & Strains - Back											
- Sprains & Strains - Other											
- Intracranial											
- Injury - Internal											
- Injury - Thorax											
- Injury - Abdomen											
- Injury - Pelvis											
	0	0	0	0	0	1	1	11	13		
	0	0	0	0	0	0	1	0	1		
	0	1	0	2	0	5	2	5	15		
	0	1	0	2	0	5	2	5	15		
	1	3	1	3	2	12	6	36	64		
	1	0	0	0	0	1	0	4	6		
	0	0	1	0	0	0	0	2	3		
	0	1	0	1	0	2	0	1	5		
	0	0	0	1	0	4	0	5	10		
	0	0	0	0	0	3	1	15	19		
	0	1	0	0	0	0	0	0	1		
	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)

BNL 1995

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

Diagnostic Category	Men									
	Occupational Group									
	Admi-	Tech	Admi-	Tech						
	ni st-	Supp-	ni st-	Supp-		Barg-				
	Sci e-	Pro-	rati-	ort/-	rati-	ort/-	aini-			
	ntif-	fess-	ve	Supv	ve	Supv	Tech-	ng		
	ic	ional	(E)	(E)	(NE)	(NE)	nic al	Units	Total	
- Open Wound - 880-887	0	0	0	0	0	1	1	1	3	
Upper Limb										
- Open Wound - 890-897	0	0	0	0	0	1	0	0	1	
Lower Limb										
- Superficial 910-919	0	0	0	0	0	0	0	1	1	
Injury										
- Contusion 920-924	0	0	0	0	2	0	2	6	10	
- Complicatio- 958-959										
ns & Unspeci fied Injuries	0	0	0	0	0	0	2	1	3	
- Complicatio- 996-999										
ns of Surgical /Med- ical Care	0	0	0	1	0	0	0	0	1	
HEALTH STATUS/HEALTH SERVICE CONTACT	0	0	0	1	0	0	0	1	2	
- Speci fic Procedures/A- ftercare	0	0	0	1	0	0	0	0	1	
- Exami nation & Investigation	0	0	0	0	0	0	0	1	1	
Total	6	11	6	44	2	56	22	178	325	

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

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

Diagnostic Category	Women											
	Occupational Group											
	Cler-	Admi-	Tech	Admi-	Tech	ical						
	ni st-	Supp-	ni st-	Supp-	and	Barg-						
	Sci-	Pro-	rati-	ort/-	rati-	ort/-	Supp-	aini-				
	ntif-	fess-	ve	Supv	ve	Supv	ort	Tech-	ng			
	ic	ional	(E)	(E)	(NE)	(NE)	Wage	nical	Units	Total		
Infections/Parasites	0	0	0	0	0	0	5	0	16	21		
Benign Growths	0	0	0	0	51	0	43	0	0	94		
Endocrine/Metabolic	0	0	0	0	0	42	0	0	7	49		
Blood	0	0	0	0	54	0	0	0	0	54		
Mental	44	0	0	0	0	0	6	0	5	55		
Nervous System	0	0	32	0	7	0	98	0	0	137		
Heart/Circulatory	0	0	0	0	0	42	0	0	6	48		
Lung/Respiratory	0	12	18	0	7	0	13	0	48	98		
Digestive	0	0	0	0	0	11	77	14	63	165		
Genitourinary	0	0	0	0	61	0	5	0	74	140		
Pregnancy/Childbirth	106	0	0	7	0	0	214	0	91	418		
Muscles and Skeleton	0	0	53	0	11	50	0	0	162	276		
Unspecified Symptoms	0	0	39	0	0	0	22	0	12	73		
Injury and Poisoning	0	0	11	0	103	42	0	0	91	247		

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

Men									
Occupational Group									
	Admi -	Tech	Admi -	Tech					
	ni st-	Supp-	ni st-	Supp-		Barg-			
	Sci e-	Pro-	rati -	ort/-	rati -	ort/-		ai ni -	
	ntif-	fess-	ve	Supv	ve	Supv	Tech-	ng	
	ic	ional	(E)	(E)	(NE)	(NE)	ni cal	Units	Total
Diagnostic Category									
Infections/Parasites	0	0	0	51	0	25	0	33	109
Cancers	0	15	0	134	0	16	0	0	165
Benign Growths	35	26	0	0	0	0	0	32	93
Endocrine/Metabolic	0	0	0	82	0	0	0	14	96
Blood	0	0	0	51	0	0	0	0	51
Mental	0	0	0	6	0	0	0	0	6
Nervous System	0	0	0	74	0	0	8	56	138
Heart/Circulatory	26	42	0	139	0	39	0	477	723
Lung/Respiratory	0	42	0	49	0	55	52	347	545
Digestive	15	0	60	63	0	83	0	275	496
Genitourinary	15	14	0	0	0	0	0	123	152
Skin	0	26	0	24	0	0	0	60	110
Muscles and Skeleton	0	0	7	65	0	191	27	1461	1751
Unspecified Symptoms	0	18	0	20	0	85	15	81	219
Injury and Poisoning	15	85	36	167	104	198	53	1510	2168

*Absences 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 J. Relative Risk Estimates for Selected Diagnostic Categories Among Five-Day Absences

Diseases	Management 116 Person-Years				Scientific 670 Person-Years				73	
	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*
All Diseases and Injuries	0				6	0.1	0.05	0.2	10	
Nervous System	0				0				0	
Heart/Circulatory	0				2	0.3	0.1	1.3	1	
Lung/Respiratory	0				0				3	
Digestive	0				1	0.2	0.02	1.3	0	
Genitourinary	0				1	0.5	0.06	3.9	1	
Muscles and Skeleton	0				0				0	
Injury and Poisoning	0				1	0.07	0.01	0.5	3	
Back Sprains and Strains	0				0				0	
Other Sprains and Strains	0				0				0	

Diseases	Administrative (E) 277 Person-Years				Tech Support/Supv (E) 388 Person-Years				Adm 21	
	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*
All Diseases and Injuries	10	0.5	0.3	1.0	23	0.8	0.5	1.3	10	
Nervous System	2	1.8	0.4	9.6	4	4.4	1.1	18.0	1	
Heart/Circulatory	0				5	1.3	0.5	3.5	0	
Lung/Respiratory	1	0.2	0.03	1.7	5	0.6	0.3	1.5	1	
Digestive	3	1.6	0.5	4.9	3	0.8	0.2	2.6	0	
Genitourinary	0				0				2	
Muscles and Skeleton	3	0.8	0.2	2.9	3	0.5	0.1	1.6	1	
Injury and Poisoning	2	0.5	0.1	2.1	3	0.4	0.1	1.3	5	
Back Sprains and Strains	0				1	0.7	0.1	5.2	1	
Other Sprains and Strains	0				0				1	

* 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.

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Appendix J. Relative Risk Estimates for Selected Diagnostic Categories Among Five-Day Absences

Diseases	Tech Support/Subv (NE) 333 Person-Years				Clerical and Support Wage 112 Person-Years				Total 11	
	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*
All Diseases and Injuries	33	1.5	1.1	2.2	11	1.9	1.0	3.6	17	
Nervous System	0				1	4.0	0.5	33.4	1	
Heart/Circulatory	3	1.8	0.6	5.7	0				0	
Lung/Respiratory	7	1.0	0.5	2.1	2	1.5	0.3	6.8	7	
Digestive	5	2.7	1.0	7.0	3	4.8	1.1	21.3	1	
Genitourinary	0				1	2.1	0.2	19.3	0	
Muscles and Skeleton	5	1.1	0.4	2.7	0				3	
Injury and Poisoning	12	1.7	0.9	3.3	0				5	
Back Sprains and Strains	4	3.9	1.1	13.8	0				0	
Other Sprains and Strains	3	1.3	0.4	4.4	0				1	

Diseases	Bargaining Units 623 Person-Years				Miscellaneous 140 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 Diseases and Injuries	125	5.2	4.0	6.8	0				24
Nervous System	4	2.4	0.7	8.2	0				13
Heart/Circulatory	13	6.0	2.6	13.9	0				24
Lung/Respiratory	41	7.9	4.8	13.0	0				67
Digestive	12	3.7	1.7	7.9	0				28
Genitourinary	6	8.1	2.3	28.2	0				11
Muscles and Skeleton	33	10.3	5.6	18.9	0				48
Injury and Poisoning	34	5.1	3.1	8.4	0				65
Back Sprains and Strains	8	5.9	2.2	15.9	0				14
Other Sprains and Strains	14	14.7	4.8	45.5	0				19

* 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.

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Appendix K: 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, D.D., 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, we evaluated these two SHEO categories, taking into account workplace exposures in the DOE complex, and defined two additional groups of health conditions called *production* and *nonproduction*. We designated these conditions in the last column of each table, labeled *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. This group includes 11 conditions.

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

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Appendix K: Occupational Sentinel Health Events (SHEO)

Health Conditions - <i>Possibly SHEOs</i>		
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)

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Appendix K: Occupational Sentinel Health Events (SHEO)

Health Conditions - Possibly SHEOs (continued)		
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	Acute lymphoid leukemia	Production
205.0	Acute myeloid leukemia	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
388.11	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 L. Number of Workers with at Least One OSHA Event by Gender, Age, and Occupation*

	Women					Men					Total	Total
	Age Group					Age Group						
	16 - 29	30 - 39	40 - 49	50 - 59	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Occupational Group												
Scientific	0	0	0	1	1	1	0	1	0	1	3	4
Professional	0	0	0	0	0	0	0	2	0	0	2	2
Tech Support/Supv (E)	0	0	0	0	0	0	0	2	2	0	4	4
Administrative (NE)	1	0	1	0	2	0	0	0	0	0	0	2
Tech Support/Supv (NE)	0	0	0	1	1	2	6	6	2	0	16	17
Clerical and Support, Wage	0	1	0	0	1	0	0	0	0	0	0	1
Technical	1	0	0	0	1	0	4	2	1	0	7	8
Bargaining Units	0	1	0	1	2	5	21	19	17	3	65	67
Miscellaneous	0	0	0	0	0	0	0	1	0	0	1	1
Total	2	2	1	3	8	8	31	33	22	4	98	106

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

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

	Women	Men	Total						
	Days	Days	Days	# of Restr-	Days	# of Restr-	Days	# of Restr-	Days
	Events, icted	Lost	Events, icted	Lost	Events, icted	Lost	Events, icted	Lost	
Age Group									
16 - 29	2	0	14	8	23	17	10	23	31
30 - 39	2	10	42	34	168	247	36	178	289
40 - 49	1	0	11	35	190	119	36	190	130
50 - 59	3	3	4	23	48	187	26	51	191
60 +	0	0	0	4	0	2	4	0	2
Total	8	13	71	104	429	572	112	442	643

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

	Women			Men			Total		
	Days	# of Restr-	Events, icted , Lost	Days	# of Restr-	Events, icted , Lost	Days	# of Restr-	Events, icted , Lost
Occupational Group									
Scientific	1	0	0	3	0	0	4	0	0
Professional	0	0	0	2	0	1	2	0	1
Tech Support/Supv (E)	0	0	0	4	0	0	4	0	0
Administrative (NE)	2	0	25	0	0	0	2	0	25
Tech Support/Supv (NE)	1	0	0	17	173	145	18	173	145
Clerical and Support Wage	1	0	0	0	0	0	1	0	0
Technical	1	0	0	7	27	22	8	27	22
Bargaining Units	2	13	46	70	229	401	72	242	447
Miscellaneous	0	0	0	1	0	3	1	0	3
Total	8	13	71	104	429	572	112	442	643

*Only those occupational groups with at least one OSHA event appear in this table.

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

Diagnostic Category	Women					Men					Total	Total
	Age Group					Age Group						
	16 - 29	30 - 39	40 - 49	50 - 59	Total	16 - 29	30 - 39	40 - 49	50 - 59	Total		
ENDOCRINE/METABOLIC/IMMUNITY	0	0	0	0	0	0	1	0	1	0	2	2
- Other												
Endocrine Gland Disorders	0	0	0	0	0	0	0	0	1	0	1	1
- Other												
Metabolic & Immunity Disorders	0	0	0	0	0	0	1	0	0	0	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	0	1	0	0	1	0	0	0	0	0	0	1
- Disorders of Peripheral NS	0	1	0	0	1	0	0	0	0	0	0	1
CIRCULATORY SYSTEM	0	0	0	0	0	0	0	0	1	0	1	1
- Disorders of Veins, Lymphatics, Other	0	0	0	0	0	0	0	0	1	0	1	1
DIGESTIVE SYSTEM	0	0	0	0	0	0	0	0	1	0	0	1
- Hernia	0	0	0	0	0	0	0	0	1	0	0	1
SKIN & SUBCUTANEOUS TISSUE	0	0	0	0	0	0	0	0	1	0	0	1
- Other												
Inflammatory Conditions	0	0	0	0	0	0	0	0	1	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	0	0	1	0	1	1	4	4	3	0	12	13

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

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

Diagnostic Category	Women					Men					Total	Total
	Age Group					Age Group						
	16 - 29	30 - 39	40 - 49	50 - 59	Total	16 - 29	30 - 39	40 - 49	50 - 59	Total		
- Arthropathies, 710-719	0	0	1	0	1	0	3	0	1	0	4	5
- Dorsopathies, 720-724	0	0	0	0	0	0	1	3	1	0	5	5
- Rheumatism, 725-729												
Excluding Back	0	0	0	0	0	1	0	1	1	0	3	3
SYMPTOMS, SIGNS, & ILL-DEFINED COND., 780-799	0	0	0	0	0	0	1	1	3	0	5	5
- Symptoms, 780-789	0	0	0	0	0	0	1	1	3	0	5	5
INJURY AND POISONING, 800-999	2	1	1	5	9	9	35	36	21	4	105	114
- Fracture - Upper Limb, 810-819	0	0	0	1	1	1	0	1	0	0	2	3
- Sprains & Strains - Back, 846-847	1	1	0	1	3	4	9	8	4	1	26	29
- Sprains & Strains - Other, 840-845, 848	0	0	1	0	1	3	6	5	3	0	17	18
- Internal Injury - Thorax, Abdomen, Pelvis, 860-869	0	0	0	0	0	0	0	1	0	0	1	1
- Open Wound - Head, Neck, Trunk, 870-879	0	0	0	0	0	0	0	4	1	1	6	6
- Open Wound - Upper Limb, 880-887	1	0	0	0	1	1	5	7	7	1	21	22
- Open Wound - Lower Limb, 890-897	0	0	0	0	0	0	0	0	1	1	2	2

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

(CONTINUED)

BNL 1995

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

Diagnostic Category	Women					Men					Total	Total
	Age Group					Age Group						
	16 - 29	30 - 39	40 - 49	50 - 59	Total	16 - 29	30 - 39	40 - 49	50 - 59	Total		
- Superficial Injury	0	0	0	1	1	0	0	4	1	0	5	6
- Contusion	0	0	0	2	2	0	5	1	3	0	9	11
- Foreign Body Entering Orifice	0	0	0	0	0	0	2	1	0	0	3	3
- Injury to Nerves & Spinal Cord	0	0	0	0	0	0	1	0	0	0	1	1
- Complications & Unspecified Injuries	0	0	0	0	0	0	5	3	1	0	9	9
- Toxic Effects - Nonmedicinal	0	0	0	0	0	0	1	1	0	0	2	2
- Unspecified Effects - External Causes	0	0	0	0	0	0	1	0	0	0	1	1
Total	2	2	2	5	11	10	41	43	29	4	127	138

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

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

Women									
Age Group									
	16 - 29	30 - 39	40 - 49	50 - 59					
	Days	Days	Days	Days	Res-	Res-	Res-	Res-	Days
	Days	Days	Days	Days	Days	Days	Days	Days	Days
	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost
Diagnostic ICD-9-CM Codes									
Category									
- Disorders of, 350-359									
Peripheral NS,	0	0	0	0	0	0	0	0	0
- Arthropathies, 710-719									
es	0	0	0	0	0	11	0	0	0
- Fractures - , 810-819									
Upper Limb	0	0	0	0	0	0	0	0	0
- Back Sprains, 846-847									
and Strains	0	14	10	42	0	0	0	0	0
- Other , 840-845, 848									
Sprains and									
Strains	0	0	0	0	0	11	0	0	0
- Open Wounds , 880-887									
Upper Limb	0	0	0	0	0	0	0	0	0
- Superficial , 910-919									
Injuries	0	0	0	0	0	0	3	4	4
- Bruises , 920-924	0	0	0	0	0	0	3	4	4

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

Men										
Age Group										
	16 - 29	30 - 39	40 - 49	50 - 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	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost
Diagnostic ICD-9-CM Codes										
Category										
- Other 250-259										
Endocrine Glands	0	0	0	0	0	0	0	0	0	0
- Other 270-279										
Metabolic and Immunity Disorders	0	0	0	0	0	0	0	0	0	0
- Diseases of 451-459										
Veins, Lymphatics, Other	0	0	0	0	0	0	0	24	0	0
- Hernias 550-553	0	0	0	0	0	0	0	0	0	0
- Other 690-698										
Inflammatory Conditions	0	0	0	0	0	0	0	0	0	0
- Arthropathies 710-719	0	0	60	33	0	0	0	24	0	0
- Dorsopathies 720-724	0	0	0	13	86	70	0	6	0	0
- Rheumatism 725-729										
Excluding Back	6	0	0	0	0	0	0	0	0	0
- Symptoms 780-789	0	0	1	0	0	1	0	34	0	0
- Fractures - 810-819										
Upper Limb	0	0	0	0	0	0	0	0	0	0
- Back Sprains 846-847										
and Strains	0	10	39	46	101	83	7	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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Appendix P. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Age*

Men										
Age Group										
	16 - 29	30 - 39	40 - 49	50 - 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	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost
Diagnostic ICD-9-CM Codes										
Category										
- Other 840-845, 848										
Sprains and Strains	17	7	17	5	60	20	17	17	0	0
- Internal 860-869										
Injuries - Thorax										
Abdomen										
Pelvis	0	0	0	0	2	1	0	0	0	0
- Open Wounds 870-879										
Head, Neck										
Trunk	0	0	0	0	2	2	0	1	0	0
- Open Wounds 880-887										
Upper Limb	0	0	10	5	0	0	0	0	0	0
- Open Wounds 890-897										
Lower Limb	0	0	0	0	0	0	0	2	0	2
- Superficial 910-919										
Injuries	0	0	0	0	0	0	0	2	0	0
- Bruises 920-924	0	0	6	5	0	2	0	3	0	0
- Foreign 930-939										
Bodies Entering										
Orifice	0	0	0	0	0	1	0	0	0	0
- Injuries to 950-957										
Nerves and Spinal Cord	0	0	32	1	0	0	0	0	0	0
- Unspecified 958-959										
Injuries	0	0	3	172	25	9	24	102	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)

BNL 1995

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

.....†

	Men									
	Age Group									
	16 - 29	30 - 39	40 - 49	50 - 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	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost
Diagnostic ICD-9-CM Codes										
Category										
- Adverse 980-989										
Reactions to										
Nonmedical										
Substances	0	0	1	0	0	1	0	0	0	0
- Adverse 990-995										
Reactions to										
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 and gender/age combinations with at least one occurrence appear in this table.

BNL 1995

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

Type of Accident	Women					Men					Total	Total
	Age Group					Age Group						
	16 - 29	30 - 39	40 - 49	50 - 59	Total	16 - 29	30 - 39	40 - 49	50 - 59	Total		
Motor Vehicle, E810- E819	0	0	0	0	0	0	0	1	0	0	1	1
Motor Vehicle, E820- E825	0	0	0	0	0	0	1	0	0	0	1	1
Accidental Poisoning - Nonmedicinal	0	0	0	0	0	0	1	1	0	0	2	2
Falls	0	0	1	2	3	2	6	5	0	0	13	16
Natural/Environmental Factors	0	0	0	0	0	0	1	2	0	0	3	3
Submersion/Suffocation/Foreign Bodies	0	0	0	0	0	0	2	1	0	0	3	3
Other Accidents	2	1	0	1	4	6	20	21	18	4	69	73

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

BNL 1995

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

Women										
Age Group										
	16 - 29	30 - 39	40 - 49	50 - 59						
Type of Accident										
Falls, E880- E888	0	0	0	0	0	11	3	4		
Other Accidents, E916- E928	0	14	10	42	0	0	0	0		

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

(CONTINUED)

BNL 1995

Appendix R. Number of Workdays Lost or with Restricted Activity for Each Accident 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,					
Type of										
Accident										
Motor Vehicle, E810- E819										
Traffic	0,	0,	0,	0,	10,	6,	0,	0,	0,	0,
Motor Vehicle, E820- E825										
Nontraffic	0,	0,	0,	1,	0,	0,	0,	0,	0,	0,
Accidental , E860- E869										
Poisoning -										
Nonmedicinal	0,	0,	1,	0,	0,	1,	0,	0,	0,	0,
Falls , E880- E888	17,	7,	77,	107,	10,	3,	0,	0,	0,	0,
Natural /Envi -, E900- E909										
ronmental										
Factors	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,
Submersion/S-, E910- E915										
uffocation/F-,										
oreign Bodies,	0,	0,	0,	0,	0,	1,	0,	0,	0,	0,
Other , E916- E928										
Accidents	6,	10,	90,	94,	86,	40,	47,	119,	0,	2,

*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.

BNL 1995

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

		Women								
		Occupational Group								
		Clerical, Administrative, Technical, and Bargaining, Scientific/Support, Manufacturing, Supervisory, Technical, Wage, Units, Total								
Diagnostic Category	ICD-9-CM Code									
		%								
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	0	1	0	0	1		
- Disorders of, 350-359										
Peripheral NS		0	0	0	1	0	0	1		
MUSCULOSKELETAL & CONNECTIVE TISSUE										
Arthropathies	710-719	0	1	0	0	0	0	1		
INJURY AND POISONING										
Fracture - Upper Limb	810-819	1	0	0	0	0	0	1		
- Sprains & Strains - Back										
	846-847	0	1	1	0	0	1	3		
- Sprains & Strains - Other										
	840-845, 848	0	1	0	0	0	0	1		
- Open Wound - Upper Limb										
	880-887	0	0	0	0	1	0	1		
- Superficial Injury										
	910-919	0	0	0	0	0	1	1		
- Contusion										
	920-924	0	0	1	0	0	1	2		
Total		1	3	2	1	1	3	11		

(CONTINUED)

BNL 1995

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

	Men															
	Occupational Group															
	Tech	Tech	Supp	Supp	Barg	Sci	Pro	ort	ort	Misc						
	ntif	fess	Supv	Supv	Tech	ng	ella	ic	ional	(E)	(NE)	nic	al	Units	neous	Total
Diagnosic Category	ICD-9-CM Code															
ENDOCRINE/ME-240-279																
TABOLIC/IMMU-NITY		0	0	0	0	0	2	0	2							
-Other 250-259																
Endocrine Gland Dis		0	0	0	0	0	1	0	1							
-Other 270-279																
Metabolic & Immunity Disorders		0	0	0	0	0	1	0	1							
CIRCULATORY SYSTEM		0	0	0	0	0	1	0	1							
-Dis of Veins, Lymphatics, Other		0	0	0	0	0	1	0	1							
451-459																
DIGESTIVE SYSTEM		0	0	0	1	0	0	0	1							
-Hernia 550-553		0	0	0	1	0	0	0	1							
SKIN & SUBCUTANEOUS TISSUE		0	0	0	0	0	1	0	1							
-Other 690-698																
Inflammatory Conditions		0	0	0	0	0	1	0	1							
MUSCULOSKELETAL & CONNECTIVE TISSUE		0	0	0	3	1	8	0	12							

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

(CONTINUED)

BNL 1995

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

Diagnostic Category	Men									
	Occupational Group									
	Tech	Tech	Supp	Supp	Barg	Sci	Pro	ort/-	ort/-	Misc
- Arthropathies, 710-719	0	0	0	0	0	4	0	4		
- Dorsopathies, 720-724	0	0	0	1	1	3	0	5		
- Rheumatism, 725-729										
Excluding Back	0	0	0	2	0	1	0	3		
- Symptoms, 780-789	0	0	0	3	1	1	0	5		
- INJURY AND POISONING, 800-999	4	2	4	17	6	71	1	105		
- Fracture - Upper Limb, 810-819	1	0	0	1	0	0	0	2		
- Sprains & Strains - Back, 846-847	0	1	0	3	1	21	0	26		
- Sprains & Strains - Other, 840-845, 848	0	0	0	3	0	13	1	17		
- Internal Injury - Thorax, Abdomen, Pelvis, 860-869	0	0	0	0	0	1	0	1		
- Open Wound - Head, Neck, Trunk, 870-879	2	0	0	1	0	3	0	6		

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

(CONTINUED)

BNL 1995

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

		Men									
		Occupational Group									
		Tech		Supp		Barg		Sci		Misc	
		Prof		Supv		Tech		Eng		Other	
		(E)		(NE)		nic		Units		neous	
		Total									
Diagnostic Category	ICD-9-CM Code										
- Open Wound	880-887										
Upper Limb		1	1	4	2	1	12	0	21		
- Open Wound	890-897										
Lower Limb		0	0	0	1	0	1	0	2		
- Superficial	910-919										
Injury		0	0	0	2	0	3	0	5		
- Contusion	920-924										
Foreign Body	930-939										
Entering											
Orifice		0	0	0	1	1	1	0	3		
- Injury to	950-957										
Nerves &											
Spinal Cord		0	0	0	1	0	0	0	1		
- Complication	958-959										
ns &											
Unspecified											
Injuries		0	0	0	1	1	7	0	9		
- Toxic	980-989										
Effects -											
Nonmedicinal		0	0	0	0	1	1	0	2		
- Unspecified	990-995										
Effects -											
External											
Causes		0	0	0	0	0	1	0	1		
Total		4	2	4	24	8	84	1	127		

*Only those diagnostic categories and gender/occupational combinations with at least

one occurrence appear in this table.

BNL 1995

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

Women												
Occupational Group												
	Administ-	Tech	and									
	Scientif-	Support/-	Support		Bargaini-							
	ic	(NE)	Supv (NE)	Wage	Technical,	ng Units						
	Days,	Days,	Days,	Days,	Days,	Days,						
	Res-	Res-	Res-	Res-	Res-	Res-						
	tri -	Days,	tri -	Days,	tri -	Days,	tri -	Days,	tri -	Days,	tri -	Days,
	cted,	Lost,	cted,	Lost,	cted,	Lost,	cted,	Lost,	cted,	Lost,	cted,	Lost,
Diagnosti c	ICD- 9- CM Codes,											
Category												
- Disorders of, 350-359												
Peripheral NS,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,
- Arthropathi -, 710-719												
es	0,	0,	0,	11,	0,	0,	0,	0,	0,	0,	0,	0,
- Fractures - , 810-819												
Upper Limb	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,
- Back Sprains, 846-847												
and Strains	0,	0,	0,	14,	0,	0,	0,	0,	0,	0,	10,	42,
- Other , 840-845, 848												
Sprains and												
Strains	0,	0,	0,	11,	0,	0,	0,	0,	0,	0,	0,	0,
- Open Wounds , 880-887												
Upper Limb	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,
- Superficial , 910-919												
Injuries	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	3,	4,
- Bruises , 920-924												
	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,	3,	4,

*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)

BNL 1995

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

														Men																
														Occupational Group																
														Tech		Tech		Support/-		Support/-		Bargaini-		Miscella-						
														ic	sional	Supv (E)	Supv (NE)	Technical	ng Units	neous	Days,	Days,	Days,	Days,	Days,	Days,	Days,	Days,	Days,	Days,
														Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	
														cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	cted, Lost,	
Diagnostic	ICD-9-CM Codes,																													
Category																														
- Other	250-259																													
Endocrine	Glands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
- Other	270-279																													
Metabolic and	Immunity																													
Disorders		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
- Diseases of	451-459																													
Veins,	Lymphatics,																													
Other		0	0	0	0	0	0	0	0	0	0	0	24	0	0	0														
- Hernias	550-553	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
- Other	690-698																													
Inflammatory	Conditions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
- Arthropathi-	710-719																													
es		0	0	0	0	0	0	0	0	0	0	60	57	0	0	0														
- Dorsopathi-	720-724	0	0	0	0	0	0	84	68	0	6	2	15	0	0	0														
- Rheumati-	725-729																													
Excluding	Back	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0														
- Symptoms	780-789	0	0	0	0	0	0	0	34	1	0	0	1	0	0	0														
- Fractures	810-819																													
Upper Limb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
- Back Sprains	846-847																													
and Strains		0	0	0	1	0	0	84	81	6	4	57	53	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)

BNL 1995

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

Men															
Occupational Group															
	Tech	Tech	Scientific	Professional	Support/-	Support/-	Bargain	Miscellaneous	Res-	Res-	Res-	Res-	Res-	Res-	Res-
Diagnostic Category	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
- Other , 840-845, 848	0	0	0	0	0	0	48	10	0	0	63	36	0	3	
- Internal Injuries - Thorax, Abdomen, Pelvis , 860-869	0	0	0	0	0	0	0	0	0	0	2	1	0	0	
- Open Wounds , 870-879	0	0	0	0	0	0	0	0	0	0	2	3	0	0	
- Open Wounds , 880-887	0	0	0	0	0	0	0	0	10	5	0	0	0	0	
- Open Wounds , 890-897	0	0	0	0	0	0	0	2	0	0	0	2	0	0	
- Superficial Injuries , 910-919	0	0	0	0	0	0	0	2	0	0	0	0	0	0	
- Bruises , 920-924	0	0	0	0	0	0	0	2	0	0	6	8	0	0	
- Foreign Bodies Entering Orifice , 930-939	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
- Injuries to Nerves and Spinal Cord , 950-957	0	0	0	0	0	0	32	1	0	0	0	0	0	0	
- Unspecified Injuries , 958-959	0	0	0	0	0	0	3	17	10	6	39	260	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)

BNL 1995

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

Men														
Occupational Group														
	Tech	Tech	Scientific	Professional	Support/-	Support/-	Bargaini-	Miscella-	ic	Supv (E)	Supv (NE)	Technical	ng Units	neous
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-	Res-
Diagnostic ICD-9-CM Codes														
Category														
- Adverse 980-989														
Reactions to														
Nonmedical														
Substances	0	0	0	0	0	0	0	0	1	0	0	1	0	0
- Adverse 990-995														
Reactions to														
External														
Causes	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.

BNL 1995

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

		Women						
		Occupational Group						
		Admi-	Tech					
		ni st-	Supp-	Barg-				
		Scie-	rati-	ort/-	ai ni-			
		ntif-	ve	Supv	Tech-	ng		
		ic	(NE)	(NE)	ni cal	Units	Total	
Type of	E Codes							
Accident								
Falls	E880- E888	0,	1,	1,	0,	1,	3,	
Other	E916- E928							
Accidents		1,	1,	0,	1,	1,	4,	
*Only those accident types and gender/occupational combinations with at least one occurrence appear in this table.								

(CONTINUED)

BNL 1995

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

Men																											
Occupational Group																											
	Tech	Tech	Supp	Supp	Barg	Sci	Pro	ort/-	ort/-	aini	Misc	ntif	fess	Supv	Supv	Tech	ng	ella	ic	ional	(E)	(NE)	ni cal	Units	neous	Total	
Type of Accident																											
Motor Vehicle, E810- E819																											
Traffic			0	0	0	0	0	1	0	0	1																
Motor Vehicle, E820- E825																											
Nontraffic			0	0	0	0	0	0	1	0	1																
Accidental, E860- E869																											
Poisoning - Nonmedicinal			0	0	0	0	0	1	1	0	2																
Falls, E880- E888			1	0	0	3	0	9	0	13																	
Natural /Environmental Factors																											
Submersion/ Suffocation/ Foreign Bodies, Other Accidents																											
			0	0	0	1	1	1	0	3																	
			2	2	4	8	3	49	1	69																	

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

BNL 1995

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

Women									
Occupational Group									
	Administrative	Technical	Support/Bargaining	Scientific	Supv (NE)	Technical Units	Res-	Res-	Res-
Type of Accident	E Codes	E Codes	E Codes	E Codes	E Codes	E Codes	E Codes	E Codes	E Codes
Falls	E880-E888	0	0	0	11	0	0	0	3
Other	E916-E928	0	0	0	14	0	0	0	10
Accidents		0	0	0	14	0	0	0	10

*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.

(CONTINUED)

BNL 1995

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

Men													
Occupational Group													
	Scientific	Professional	Supv (E)	Supv (NE)	Technical	Engineering Units	Bargain	Miscellaneous	Res-	Res-	Res-	Res-	Res-
	Days	Days	Days	Days	Days	Days	Days	Days	Res-	Res-	Res-	Res-	Res-
	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost	cted, Lost
Type of Accident													
Motor Vehicle, E810- E819													
Traffic	0	0	0	0	0	0	0	0	10	6	0	0	0
Motor Vehicle, E820- E825													
Nontraffic	0	0	0	0	0	0	0	0	0	0	1	0	0
Accidental Poisoning - E860- E869													
Nonmedicinal	0	0	0	0	0	0	0	0	1	0	0	1	0
Falls E880- E888	0	0	0	0	0	0	5	0	0	0	99	117	0
Natural /Environmental Factors - E900- E909													
Factors	0	0	0	0	0	0	0	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies - E910- E915													
Foreign Bodies	0	0	0	0	0	0	0	0	0	1	0	0	0
Other Accidents - E916- E928													
Accidents	0	0	0	1	0	0	84	41	16	9	129	211	0

*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.

BNL 1995

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

Diseases	Management 116 Person-Years				Scientific 670 Person-Years				73	
	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†
All Diseases and Injuries	0				4	0.2	0.1	0.4	2	
Miscles and Skeleton	0				0				0	
Injury and Poisoning	0				4	0.2	0.1	0.5	2	
Back Sprains and Strains	0				0				1	
Other Sprains and Strains	0				0				0	
Open Wounds - Upper Limb	0				1	0.2	0.03	1.4	1	
Bruises	0				0				0	

Diseases	Administrative (E) 277 Person-Years				Tech Support/Supv (E) 388 Person-Years				Ad 2	
	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†
All Diseases and Injuries	0				4	0.3	0.1	0.7	2	
Miscles and Skeleton	0				0				1	
Injury and Poisoning	0				4	0.3	0.1	0.8	2	
Back Sprains and Strains	0				0				1	
Other Sprains and Strains	0				0				1	
Open Wounds - Upper Limb	0				4	1.5	0.5	4.7	0	
Bruises	0				0				0	

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

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

*** CI = Confidence Limit.

† Because of the small number of occurrences in this disease category, the confidence intervals are very wide and not sta

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

Diseases	Tech Support/Subv (NE) 333 Person-Years				Clerical and Support Wage 112 Person-Years				11	
	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†
All Diseases and Injuries	17	1.5	0.9	2.5	1	0.8	0.1	6.2	8	
Muscles and Skeleton	3	2.6	0.7	9.5	0				1	
Injury and Poisoning	14	1.3	0.7	2.3	0				7	
Back Sprains and Strains	4	1.3	0.5	3.6	0				1	
Other Sprains and Strains	3	1.4	0.4	5.0	0				0	
Open Wounds - Upper Limb	2	0.8	0.2	3.8	0				2	
Bruises	2	1.9	0.5	7.3	0				1	

Diseases	Bargaining Units 623 Person-Years				Miscellaneous 140 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 Diseases and Injuries	67	7.8	5.2	11.7	1	0.4	0.1	2.2	106
Muscles and Skeleton	7	6.8	2.0	23.1	0				12
Injury and Poisoning	62	8.3	5.4	12.6	1	0.4	0.1	2.4	96
Back Sprains and Strains	21	14.1	5.8	33.9	0				28
Other Sprains and Strains	13	12.5	4.2	37.4	1	1.7	0.3	10.4	18
Open Wounds - Upper Limb	11	4.8	2.0	11.4	0				21
Bruises	7	10.6	2.7	42.6	0				10

* 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.

† Because of the small number of occurrences in this disease category, the confidence intervals are very wide and not sta