

# Oak Ridge National Laboratory 1999: SUPPORTING TABLES

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

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Job Category											
Administrative	18	114	230	175	537	0	3	7	4	14	551
Management	0	7	38	19	64	1	32	157	180	370	434
Professional	5	83	143	64	295	8	64	181	120	373	668
Engineering	1	29	21	8	59	23	133	299	228	683	742
Scientists	5	28	42	36	111	10	122	192	230	554	665
Technicians	10	37	52	19	118	16	76	92	52	236	354
Crafts	1	2	9	2	14	0	43	185	158	386	400
Laborers	0	13	32	26	71	12	41	59	47	159	230
Operators	0	1	2	1	4	3	17	24	23	67	71
Unknown	6	33	53	25	117	7	18	42	36	103	220
Total	46	347	622	375	1390	80	549	1238	1078	2945	4335

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

**ADMINISTRATIVE**

ADMINISTRATIVE ASSISTANTS  
OFFICE CLERKS (GENERAL)  
OFFICE CLERKS (SPECIALIZED)  
OTHER GENERAL ADMIN, SEC, CLER  
SECRETARIES  
TYPISTS & WORD PROCESSORS

**MANAGEMENT**

FIRST LINE SUPERVISORS  
GENERAL MANAGERS & EXECUTIVES  
PROJECT & PROGRAM MANAGERS

**PROFESSIONAL**

ACCOUNTANTS & AUDITORS  
BUYERS, PROCUREMENT, CONTRACTING  
COMMUNICATIONS SPECIALISTS  
COMPLIANCE INSPECTORS  
COMPUTER SYSTEMS ANALYSTS  
ESTIMATORS, PLANNERS, SCHEDULERS  
HEALTH PHYSICISTS  
INDUSTRIAL HYGIENISTS  
LAWYERS  
OTHER PROFESSIONAL ADMIN  
PERSONNEL RELATIONS SPECIALIST  
PHYSICIAN ASST, NURSES, OTHER  
PHYSICIANS  
SAFEGUARDS/SECURITY SPECIALIST  
TECHNICAL WRITERS & EDITORS  
TRAINERS

**ENGINEERING**

CHEMICAL ENGINEERS  
CIVIL ENGINEERS

ELECTRICAL ENGINEERS  
ENVIRONMENTAL ENGINEERS  
INDUSTRIAL ENGINEERS  
MECHANICAL ENGINEERS  
NUCLEAR ENGINEERS  
OTHER ENGINEERS  
PETROLEUM/MINING ENGINEERS  
PLANT ENGINEERS  
QUALITY ASSURANCE/CONTROL ENGINEERS  
SAFETY ENGINEERS

**SCIENTISTS**

CHEMISTS  
COMPUTER SCIENTISTS  
ENVIRONMENTAL SCIENTISTS  
GEOLOGISTS  
LIFE SCIENTISTS  
MATERIALS SCIENTISTS  
MATHEMATICIANS  
OTHER SCIENTISTS  
PHYSICISTS  
SOCIAL SCIENTISTS

**TECHNICIANS**

COMPUTER OPERATORS/CODERS  
DRAFTERS  
ENGINEERING TECHNICIANS  
ENVIRONMENTAL SCIENCES TECHNICIANS  
HEALTH PHYSICS TECHNICIANS  
INDUSTRIAL SAFETY & HEALTH TECHNICIANS  
LABORATORY TECHNICIANS  
MEDIA TECHNICIANS  
OTHER TECHNICIANS

**CRAFTS**

CARPENTERS  
ELECTRICIANS  
HEATING, AIR CONDITIONING, REFRIGERATION  
MACHINISTS  
MASONS  
MILLWRIGHTS  
OTHER CRAFTS  
PAINTERS  
PLUMBERS & PIPEFITTERS  
VEHICLE & MOBILE EQUIPMENT MECHANICS  
WELDERS

**LABORERS**

FIREFIGHTERS  
FOOD SERVICE WORKERS  
HANDLERS, HELPERS, LABORERS (GENERAL)  
HANDLERS, HELPERS, LABORERS (SPECIALIZED)  
JANITORS & CLEANERS  
LAUNDRY WORKERS  
LIGHT VEHICLE DRIVERS  
OTHER LABORERS

**OPERATORS**

CHEMICAL SYSTEMS OPERATORS  
MATERIAL MOVING EQUIPMENT OPERATORS  
NUCLEAR PLANT OPERATORS  
OTHER OPERATORS  
UTILITIES OPERATORS

**UNKNOWN**

ALL MISSING JOB TITLES

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

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Job Category											
Administrative	0	8	25	24	57	0	0	0	1	1	58
Management	0	0	3	3	6	0	1	4	9	14	20
Professional	1	5	10	5	21	0	2	8	5	15	36
Engineering	0	1	0	0	1	0	2	9	10	21	22
Scientists	0	1	3	0	4	0	2	5	6	13	17
Technicians	0	4	5	2	11	1	7	5	7	20	31
Crafts	0	1	3	1	5	0	7	23	29	59	64
Laborers	0	4	9	9	22	0	6	13	7	26	48
Operators	0	0	0	0	0	0	2	2	4	8	8
Unknown	0	2	0	1	3	0	0	1	0	1	4
Total	1	26	58	45	130	1	29	70	78	178	308

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

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Job Category											
Administrative	0	9	32	26	67	0	0	0	1	1	68
Management	0	0	3	3	6	0	2	4	11	17	23
Professional	1	5	10	5	21	0	2	10	5	17	38
Engineering	0	1	0	0	1	0	2	9	10	21	22
Scientists	0	1	3	0	4	0	2	5	6	13	17
Technicians	0	5	5	2	12	1	7	6	8	22	34
Crafts	0	2	3	1	6	0	10	29	34	73	79
Laborers	0	5	10	10	25	0	6	17	7	30	55
Operators	0	0	0	0	0	0	2	2	5	9	9
Unknown	0	3	0	1	4	0	0	1	0	1	5
<b>Total</b>	<b>1</b>	<b>31</b>	<b>66</b>	<b>48</b>	<b>146</b>	<b>1</b>	<b>33</b>	<b>83</b>	<b>87</b>	<b>204</b>	<b>350</b>

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

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
# of Calendar Days											
< 15	1	13	35	21	70	0	17	37	42	96	166
15 - 28	0	12	11	11	34	1	8	21	22	52	86
29 - 42	0	6	3	4	13	0	1	5	7	13	26
43 - 56	0	0	11	8	19	0	0	6	6	12	31
57 - 91	0	0	4	2	6	0	4	8	5	17	23
92 - 182	0	0	2	2	4	0	3	6	5	14	18
Total	1	31	66	48	146	1	33	83	87	204	350

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

	Women										Men										
	Job Category										Job Category										
	Adm- ini- str- ati- ve	Man- age- ment	Pro- fes- sio- nal	Eng- ine- eri- ng	Sci- ent- ists	Tec- hni- cia- ns	Cra- fts	Lab- ore- rs	Unk- nown	Tot- al	Adm- ini- str- ati- ve	Man- age- ment	Pro- fes- sio- nal	Eng- ine- eri- ng	Sci- ent- ists	Tec- hni- cia- ns	Cra- fts	Lab- ore- rs	Ope- rat- ors	Unk- nown	Tot- al
# of Calendar Days																					
< 15	34	2	7	1	1	5	5	14	1	70	1	10	5	8	5	14	33	17	3	0	96
15 - 28	16	1	7	0	1	3	1	3	2	34	0	2	7	8	4	3	22	4	1	1	52
29 - 42	6	1	2	0	1	0	0	2	1	13	0	2	1	1	1	1	3	2	2	0	13
43 - 56	6	2	3	0	1	2	0	5	0	19	0	2	2	4	1	1	2	0	0	0	12
57 - 91	3	0	1	0	0	1	0	1	0	6	0	0	1	0	1	1	7	6	1	0	17
92 - 182	2	0	1	0	0	1	0	0	0	4	0	1	1	0	1	2	6	1	2	0	14
Total	67	6	21	1	4	12	6	25	4	146	1	17	17	21	13	22	73	30	9	1	204

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

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>3</b>	<b>10</b>	<b>13</b>
-Other Bacterial Dis	030-041	0	0	0	0	0	0	1	1	1	3	3
-Other Viral Dis & Chlamydiae	070-079	0	2	0	1	3	0	1	4	2	7	10
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>6</b>	<b>8</b>
-Respirato- ry & Intrathora- cic	160-165	0	0	0	0	0	0	0	1	0	1	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0	0	1	0	0	1	1
-Genitouri- nary	179-189	0	1	1	0	2	0	0	1	3	4	6
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>6</b>	<b>10</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>11</b>
<b>ENDOCRINE/- METABOLIC/- IMMUNITY</b>	<b>240-279</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>
-Other Endocrine Gland Dis	250-259	0	0	1	0	1	0	0	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	0	0	0	1	1	2	2

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

(CONTINUED)

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
<b>MENTAL DISORDERS</b>	<b>290-319</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>7</b>	<b>11</b>
-Psychoses	290-299	0	0	1	0	1	0	0	0	0	0	1
-Non- Psychotic Disorders	300-302, 306-316	0	2	1	0	3	0	0	3	4	7	10
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>2</b>	<b>12</b>	<b>24</b>
-Other Disorders of Central NS	340-349	0	1	2	0	3	0	0	4	0	4	7
-Disorders of Peripheral NS	350-359	0	2	1	2	5	0	0	4	0	4	9
-Disorders of Eye	360-379	0	0	0	4	4	0	0	2	1	3	7
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	0	1	1	1
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>7</b>	<b>14</b>	<b>23</b>	<b>31</b>
-Acute Rheumatic Fever	390-392	0	0	0	0	0	0	0	1	0	1	1
-Hypertens- ive Dis	401-405	0	0	2	0	2	0	0	2	2	4	6
-Ischemic Heart Dis	410-414	0	0	0	1	1	0	0	2	4	6	7

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

(CONTINUED)



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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Dis of Pulmonary Circulation	415-417	0	0	0	0	0	0	0	0	1	1	1
-Other Heart Dis	420-429	0	0	0	1	1	0	1	0	0	1	2
-Cerebrova- scular Dis	430-438	0	0	0	0	0	0	0	0	2	2	2
-Dis of Veins, Lymphatics, Other	451-459	0	2	0	2	4	0	1	2	5	8	12
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>1</b>	<b>11</b>	<b>14</b>	<b>15</b>	<b>41</b>	<b>0</b>	<b>8</b>	<b>17</b>	<b>31</b>	<b>56</b>	<b>97</b>
-Acute Respiratory Infections	460-466	1	1	1	2	5	0	0	1	4	5	10
-Other Dis Upper Respiratory Tract	470-478	0	3	3	0	6	0	1	6	4	11	17
-Pneumonia & Influenza	480-487	0	3	6	5	14	0	4	6	12	22	36
-Chronic Obstructive Dis	490-496	0	4	4	8	16	0	3	4	11	18	34
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>0</b>	<b>4</b>	<b>9</b>	<b>4</b>	<b>17</b>	<b>1</b>	<b>7</b>	<b>11</b>	<b>8</b>	<b>27</b>	<b>44</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	0	1	0	0	1	0	1	2	1	4	5
-Esophagus, Stomach, Duodenum	530-537	0	0	2	0	2	0	0	1	1	2	4

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

(CONTINUED)

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Appendicitis	540-543	0	1	1	0	2	0	0	1	0	1	3
-Hernia	550-553	0	0	0	3	3	0	2	3	4	9	12
-Enteritis, Colitis	555-558	0	0	2	0	2	0	1	0	0	1	3
-Other Intestinal Dis	560-569	0	2	3	1	6	0	0	2	1	3	9
-Other Digestive Dis	570-579	0	0	1	0	1	1	3	2	1	7	8
<b>GENITOURIN- ARY SYSTEM</b>	<b>580-629</b>	<b>0</b>	<b>3</b>	<b>19</b>	<b>10</b>	<b>32</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>9</b>	<b>41</b>
-Other Urinary Dis	590-599	0	1	6	5	12	0	2	2	0	4	16
-Male Genital Organ Dis	600-608	0	0	0	0	0	0	0	2	3	5	5
-Breast Disorders	610-611	0	0	1	0	1	0	0	0	0	0	1
-Pelvic Inflammato- ry Dis	614-616	0	0	1	0	1	0	0	0	0	0	1
-Other Female Disorders	617-629	0	2	11	5	18	0	0	0	0	0	18
<b>SKIN &amp; SUBCUTANEO- US TISSUE</b>	<b>680-709</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>4</b>
-Infections	680-686	0	0	0	0	0	0	0	0	1	1	1
-Other	700-709	0	1	1	1	3	0	0	0	0	0	3

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

(CONTINUED)

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
<b>MUSCULOSKE- LETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>0</b>	<b>3</b>	<b>13</b>	<b>7</b>	<b>23</b>	<b>0</b>	<b>7</b>	<b>29</b>	<b>17</b>	<b>53</b>	<b>76</b>
-Arthropat- hies	710-719	0	0	2	0	2	0	3	10	10	23	25
-Dorsopath- ies	720-724	0	0	2	5	7	0	3	13	5	21	28
-Rheumatis- m, Excluding Back	725-729	0	3	8	2	13	0	1	6	2	9	22
-Other Dis & Acquired Deformities	730-739	0	0	1	0	1	0	0	0	0	0	1
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED COND.</b>	<b>780-799</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>14</b>
-Symptoms	780-789	0	0	4	1	5	0	3	2	3	8	13
-Non- Specific Abnormal Findings	790-796	0	1	0	0	1	0	0	0	0	0	1
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>13</b>	<b>0</b>	<b>3</b>	<b>10</b>	<b>12</b>	<b>25</b>	<b>38</b>
-Fracture - Lower Limb	820-829	0	1	1	0	2	0	1	1	2	4	6
-Dislocati- on	830-839	0	0	0	1	1	0	0	0	0	0	1

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

(CONTINUED)

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

		Women					Men					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Sprains & Strains - Back	846-847	0	1	1	2	4	0	0	4	2	6	10
-Sprains & Strains - Other	840-845, 848	0	2	2	1	5	0	1	4	4	9	14
-Open Wound Upper Limb	880-887	0	0	0	0	0	0	0	0	2	2	2
-Injury to Nerves & Spinal Cord	950-957	0	0	0	0	0	0	0	1	0	1	1
-Toxic Effects - Nonmedicin- al	980-989	0	0	0	0	0	0	0	0	1	1	1
-Unspecifi- ed Effects External Causes	990-995	0	0	0	0	0	0	0	0	1	1	1
-Complicat- ions of Surgical/M- edical Care	996-999	0	0	0	1	1	0	1	0	0	1	2
<b>HEALTH STATUS/HEA- LTH SERVICE CONTACT</b>	<b>V01 - V82</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
-Specific Procedures- /Aftercare	V50-V59	0	0	0	0	0	0	1	0	0	1	1
<b>Total</b>		<b>1</b>	<b>37</b>	<b>77</b>	<b>60</b>	<b>175</b>	<b>1</b>	<b>38</b>	<b>101</b>	<b>102</b>	<b>242</b>	<b>417</b>

\*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					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	43	0	6	49	0	30	39	30	99	148
MALIGNANT NEOPLASMS	140-208, 230-234	0	22	151	0	173	0	22	241	93	356	529
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	154	126	280	0	15	0	0	15	295
ENDOCRINE / - METABOLIC / - IMMUNITY	240-279	0	0	11	0	11	0	0	11	7	18	29
MENTAL DISORDERS	290-319	0	22	34	0	56	0	0	91	54	145	201
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	65	37	219	321	0	0	496	26	522	843
CIRCULATORY SYSTEM	390-459	0	58	159	157	374	0	85	160	641	886	1260
RESPIRATORY SYSTEM	460-519	7	104	157	185	453	0	130	182	305	617	1070
DIGESTIVE SYSTEM	520-579	0	64	128	130	322	15	243	408	284	950	1272
GENITOURIN- ARY SYSTEM	580-629	0	62	643	301	1006	0	20	43	41	104	1110
SKIN & SUBCUTANEO- US TISSUE	680-709	0	28	8	24	60	0	0	0	18	18	78
MUSCULOSKE- LETAL & CONNECTIVE TISSUE	710-739	0	72	384	137	593	0	385	925	757	2067	2660

\*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					Tot- al
		Age Group				Tot- al	Age Group				Tot- al	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	0	7	0	0	7	7
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	780-799	0	7	56	11	74	0	29	24	77	130	204
INJURY & POISONING	800-999	0	68	153	192	413	0	193	190	278	661	1074

\*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 Diagnoses in Each Diagnostic Category by Gender and Job Category\*

		Women									Total
		Job Category									
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Unkn- own	
Diagnostic Category	ICD-9-CM Code										
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	1	0	0	0	1	0	0	1	0	3
-Other Viral Dis & Chlamydiae	070-079	1	0	0	0	1	0	0	1	0	3
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230- 234</b>	1	0	0	0	0	1	0	0	0	2
-Genitourina- ry	179-189	1	0	0	0	0	1	0	0	0	2
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235- 239</b>	2	2	1	0	0	1	1	2	1	10
<b>ENDOCRINE/ME- TABOLIC/IMMU- NITY</b>	<b>240-279</b>	1	0	0	0	0	0	0	0	0	1
-Other Endocrine Gland Dis	250-259	1	0	0	0	0	0	0	0	0	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	1	0	0	0	0	2	0	1	0	4
-Psychoses	290-299	1	0	0	0	0	0	0	0	0	1
-Non- Psychotic Disorders	300-302, 306- 316	0	0	0	0	0	2	0	1	0	3
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	8	1	1	0	0	0	0	1	1	12
-Other Disorders of Central NS	340-349	3	0	0	0	0	0	0	0	0	3

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

(CONTINUED)

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

		Women										
		Job Category									Total	
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Unkn- own		
Diagnostic Category	ICD-9-CM Code											
-Disorders of Peripheral NS	350-359	2	1	0	0	0	0	0	0	1	1	5
-Disorders of Eye	360-379	3	0	1	0	0	0	0	0	0	0	4
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>8</b>
-Hypertensive Dis	401-405	1	0	0	0	0	1	0	0	0	0	2
-Ischemic Heart Dis	410-414	1	0	0	0	0	0	0	0	0	0	1
-Other Heart Dis	420-429	1	0	0	0	0	0	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	2	0	0	0	0	1	0	1	0	0	4
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>20</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>41</b>
-Acute Respiratory Infections	460-466	1	0	1	1	0	1	0	1	0	0	5
-Other Dis Upper Respiratory Tract	470-478	2	0	2	0	0	1	0	0	0	1	6
-Pneumonia & Influenza	480-487	8	1	1	0	0	1	1	2	0	0	14
-Chronic Obstructive Dis	490-496	9	0	2	0	0	0	0	5	0	0	16

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

(CONTINUED)



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

		Women									
		Job Category									Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Unkn- own	
Diagnostic Category	ICD-9-CM Code										
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>8</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>17</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	0	0	0	0	0	1	1
-Esophagus, Stomach, Duodenum	530-537	1	0	1	0	0	0	0	0	0	2
-Appendicitis	540-543	1	0	1	0	0	0	0	0	0	2
-Hernia	550-553	2	1	0	0	0	0	0	0	0	3
-Enteritis, Colitis	555-558	0	0	0	0	0	0	1	1	0	2
-Other Intestinal Dis	560-569	4	0	2	0	0	0	0	0	0	6
-Other Digestive Dis	570-579	0	0	1	0	0	0	0	0	0	1
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>12</b>	<b>2</b>	<b>6</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>32</b>
-Other Urinary Dis	590-599	4	1	2	0	1	3	0	1	0	12
-Breast Disorders	610-611	0	0	0	0	0	0	0	1	0	1
-Pelvic Inflammatory Dis	614-616	1	0	0	0	0	0	0	0	0	1
-Other Female Disorders	617-629	7	1	4	0	1	2	1	2	0	18

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

(CONTINUED)

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

		Women									
		Job Category									Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Unkn- own	
Diagnostic Category	ICD-9-CM Code										
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	1	0	0	0	0	1	1	0	0	3
-Other	700-709	1	0	0	0	0	1	1	0	0	3
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	14	0	2	0	1	0	1	4	1	23
-Arthropathi- es	710-719	1	0	0	0	0	0	1	0	0	2
-Dorsopathies	720-724	5	0	1	0	1	0	0	0	0	7
-Rheumatism, Excluding Back	725-729	7	0	1	0	0	0	0	4	1	13
-Other Dis & Acquired Deformities	730-739	1	0	0	0	0	0	0	0	0	1
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED COND.</b>	<b>780-799</b>	4	0	0	0	1	0	0	1	0	6
-Symptoms	780-789	3	0	0	0	1	0	0	1	0	5
-Non-Specific Abnormal Findings	790-796	1	0	0	0	0	0	0	0	0	1
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	5	0	4	0	0	1	0	3	0	13
-Fracture - Lower Limb	820-829	1	0	0	0	0	1	0	0	0	2
-Dislocation	830-839	0	0	1	0	0	0	0	0	0	1

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

(CONTINUED)

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

		Women									
		Job Category									Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Unkn- own	
Diagnostic Category	ICD-9-CM Code										
-Sprains & Strains - Back	846-847	1	0	1	0	0	0	0	2	0	4
-Sprains & Strains - Other	840-845, 848	2	0	2	0	0	0	0	1	0	5
-Complicatio- ns of Surgical/Med- ical Care	996-999	1	0	0	0	0	0	0	0	0	1
<b>Total</b>		<b>83</b>	<b>7</b>	<b>25</b>	<b>1</b>	<b>5</b>	<b>16</b>	<b>6</b>	<b>27</b>	<b>5</b>	<b>175</b>

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

(CONTINUED)

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

		Men										
		Job Category										Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	Unkn- own	
Diagnostic Category	ICD-9-CM Code											
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	0	3	0	0	1	5	1	0	0	10
-Other Bacterial Dis	030-041	0	0	2	0	0	1	0	0	0	0	3
-Other Viral Dis & Chlamydiae	070-079	0	0	1	0	0	0	5	1	0	0	7
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230- 234</b>	0	3	0	1	1	0	1	0	0	0	6
-Respiratory & Intrathoracic	160-165	0	0	0	0	0	0	1	0	0	0	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	1	0	0	0	0	0	0	1
-Genitourina- ry	179-189	0	3	0	0	1	0	0	0	0	0	4
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235- 239</b>	0	0	0	0	0	0	0	0	1	0	1
<b>ENDOCRINE/ME- TABOLIC/IMMU- NITY</b>	<b>240-279</b>	0	0	0	0	0	0	0	2	0	0	2
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	0	0	0	2	0	0	2
MENTAL DISORDERS	290-319	0	0	0	0	0	1	6	0	0	0	7

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

(CONTINUED)

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

		Men										
		Job Category										Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	Unkn- own	
Diagnostic Category	ICD-9-CM Code											
-Non- Psychotic Disorders	300-302, 306- 316	0	0	0	0	0	1	6	0	0	0	7
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>12</b>
-Other Disorders of Central NS	340-349	0	0	0	0	0	2	2	0	0	0	4
-Disorders of Peripheral NS	350-359	0	0	0	0	2	0	1	1	0	0	4
-Disorders of Eye	360-379	0	0	1	0	0	0	2	0	0	0	3
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	1	0	0	0	1
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>23</b>
-Acute Rheumatic Fever	390-392	0	0	0	0	0	1	0	0	0	0	1
-Hypertensive Dis	401-405	0	0	0	0	0	0	2	2	0	0	4
-Ischemic Heart Dis	410-414	0	1	3	1	0	0	1	0	0	0	6
-Dis of Pulmonary Circulation	415-417	0	0	1	0	0	0	0	0	0	0	1
-Other Heart Dis	420-429	0	0	1	0	0	0	0	0	0	0	1
-Cerebrovasc- ular Dis	430-438	0	0	0	1	0	0	0	1	0	0	2

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

(CONTINUED)

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

		Men										
		Job Category										Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	Unkn- own	
Diagnostic Category	ICD-9-CM Code											
-Dis of Veins, Lymphatics, Other	451-459	0	1	1	1	2	0	2	1	0	0	8
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>0</b>	<b>6</b>	<b>8</b>	<b>3</b>	<b>4</b>	<b>10</b>	<b>14</b>	<b>9</b>	<b>2</b>	<b>0</b>	<b>56</b>
-Acute Respiratory Infections	460-466	0	2	0	0	0	1	1	1	0	0	5
-Other Dis Upper Respiratory Tract	470-478	0	0	3	0	0	2	4	1	1	0	11
-Pneumonia & Influenza	480-487	0	3	4	2	3	2	3	4	1	0	22
-Chronic Obstructive Dis	490-496	0	1	1	1	1	5	6	3	0	0	18
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>7</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>27</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	0	0	0	1	1	2	0	0	4
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0	0	1	0	1	0	2
-Appendicitis	540-543	0	0	0	0	0	0	1	0	0	0	1
-Hernia	550-553	0	2	1	1	2	0	1	1	1	0	9
-Enteritis, Colitis	555-558	0	0	0	1	0	0	0	0	0	0	1

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

(CONTINUED)

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

		Men										
		Job Category										Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	Unkn- own	
Diagnostic Category	ICD-9-CM Code											
-Other Intestinal Dis	560-569	0	0	0	1	0	0	2	0	0	0	3
-Other Digestive Dis	570-579	0	0	1	0	1	3	1	1	0	0	7
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>
-Other Urinary Dis	590-599	0	1	0	0	0	1	2	0	0	0	4
-Male Genital Organ Dis	600-608	0	1	0	1	0	0	3	0	0	0	5
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
-Infections	680-686	0	0	0	0	0	0	1	0	0	0	1
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>6</b>	<b>22</b>	<b>10</b>	<b>2</b>	<b>1</b>	<b>53</b>
-Arthropathi- es	710-719	0	1	0	5	1	2	11	1	2	0	23
-Dorsopathies	720-724	0	0	1	2	0	3	8	6	0	1	21
-Rheumatism, Excluding Back	725-729	0	1	1	0	0	1	3	3	0	0	9
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED COND.</b>	<b>780-799</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>8</b>

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

(CONTINUED)

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

		Men										
		Job Category										Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	Unkn- own	
Diagnostic Category	ICD-9-CM Code											
-Symptoms	780-789	1	0	0	0	1	1	3	1	1	0	8
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>13</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>25</b>
-Fracture - Lower Limb	820-829	0	1	0	2	0	1	0	0	0	0	4
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	5	0	1	0	6
-Sprains & Strains - Other	840-845, 848	0	0	0	1	1	1	4	1	1	0	9
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	2	0	0	0	2
-Injury to Nerves & Spinal Cord	950-957	0	0	0	0	0	0	1	0	0	0	1
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	0	1	0	0	0	0	1
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	1	0	0	0	1
-Complicatio- ns of Surgical/Med- ical Care	996-999	0	0	1	0	0	0	0	0	0	0	1
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V82</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

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

(CONTINUED)



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

		Men										
		Job Category										Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	Unkn- own	
Diagnostic Category	ICD-9-CM Code											
-Specific Procedures/A- ftercare	V50-V59	0	0	0	0	0	1	0	0	0	0	1
<b>Total</b>		<b>1</b>	<b>18</b>	<b>23</b>	<b>21</b>	<b>15</b>	<b>31</b>	<b>89</b>	<b>33</b>	<b>10</b>	<b>1</b>	<b>242</b>

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

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

		Women									
		Job Category									Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Unkn- own	
Diagnostic Category	ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	6	0	0	0	36	0	0	7	0	49
MALIGNANT NEOPLASMS	140-208, 230- 234	22	0	0	0	0	151	0	0	0	173
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	68	84	26	0	0	8	11	55	28	280
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	11	0	0	0	0	0	0	0	0	11
MENTAL DISORDERS	290-319	20	0	0	0	0	22	0	14	0	56
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	221	13	17	0	0	0	0	44	26	321
CIRCULATORY SYSTEM	390-459	165	0	0	0	0	179	0	30	0	374
RESPIRATORY SYSTEM	460-519	287	7	40	7	0	20	10	75	7	453
DIGESTIVE SYSTEM	520-579	181	25	96	0	0	0	8	5	7	322
GENITOURINARY SYSTEM	580-629	339	43	237	0	52	187	19	129	0	1006
SKIN & SUBCUTANEOUS TISSUE	680-709	24	0	0	0	0	28	8	0	0	60

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

(CONTINUED)

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

		Women									
		Job Category									Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Unkn- own	
Diagnostic Category	ICD-9-CM Code										
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	299	0	64	0	24	0	7	167	32	593
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	50	0	0	0	10	0	0	14	0	74
INJURY & POISONING	800-999	166	0	183	0	0	10	0	54	0	413

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

(CONTINUED)

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

		Men										
		Job Category										Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	Unkn- own	
Diagnostic Category	ICD-9-CM Code											
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	36	0	0	13	42	8	0	0	99
MALIGNANT NEOPLASMS	140-208, 230- 234	0	181	0	22	34	0	119	0	0	0	356
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	0	0	0	0	0	0	0	0	15	0	15
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	0	0	0	0	0	0	0	18	0	0	18
MENTAL DISORDERS	290-319	0	0	0	0	0	27	118	0	0	0	145
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	21	0	21	175	224	81	0	0	522
CIRCULATORY SYSTEM	390-459	0	48	320	111	154	14	138	101	0	0	886
RESPIRATORY SYSTEM	460-519	0	47	147	22	27	61	187	111	15	0	617
DIGESTIVE SYSTEM	520-579	0	59	51	29	45	195	389	78	104	0	950
GENITOURINARY SYSTEM	580-629	0	26	0	20	0	12	46	0	0	0	104
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	0	0	18	0	0	0	18

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

(CONTINUED)

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

		Men										
		Job Category										Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	Unkn- own	
Diagnostic Category	ICD-9-CM Code											
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	0	68	70	162	71	139	732	556	248	21	2067
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	0	7	0	0	0	7
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	7	0	0	0	11	7	35	7	63	0	130
INJURY & POISONING	800-999	0	22	70	103	18	55	338	4	51	0	661

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

## Oak Ridge National Laboratory 1999

**Appendix K. Diseases and Injuries by Diagnostic Category****Part 1. Men**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	10	2.6	1.3	5.1
Malignant Neoplasms	140-208, 230-234	6	1.7	0.7	4.0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	1	0.2	0.0	1.3
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	4	1.1	0.4	3.2
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	1	0.4	0.1	2.7
Endocrine & Metabolic Diseases	240-279	2	0.4	0.1	1.6
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	7	2.2	1.0	5.0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	12	2.3	1.3	4.0
Circulatory System	390-459	23	5.4	3.5	8.3
-Hypertension	401	4	0.8	0.3	2.2
-Acute Myocardial Infarction	410	3	0.6	0.2	1.9
-Ischemic Disease, not M.I.	411-414, 429.2	3	0.6	0.2	1.9
-Cerebrovascular Disease	430-438	2	0.4	0.1	1.7
Respiratory System	460-519	56	14.0	10.6	18.5
-Upper Respiratory	460-465, 470-478	16	3.7	2.2	6.2
-Pneumonia/Bronchitis	466, 480-487	22	5.8	3.7	9.0
-Chronic Respiratory Conditions	490-496	18	4.6	2.8	7.4
Digestive System	520-579	27	10.0	4.8	20.9
-Hernias	550-553	9	2.2	1.1	4.4
-Gallbladder Disease	574-575	6	4.9	1.2	20.5
Genitourinary System	580-629	9	2.2	1.1	4.3
-Benign Prostatic Hypertrophy	600	1	0.2	0.0	1.6
Skin & Subcutaneous Tissue	680-709	1	0.2	0.0	1.6
Musculoskeletal System	710-739	53	13.0	9.7	17.4
-Dorsopathies	720-724	21	5.2	3.2	8.2
Congenital Anomalies	740-759	1	0.4	0.1	2.7
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	8	2.7	1.3	5.6
Injury & Poisoning	800-999	25	5.6	3.7	8.4
-Fractures, All Sites	800-829	4	1.0	0.4	2.8
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	15	3.2	1.9	5.3
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	2	0.4	0.1	1.7
-Other Injuries	900-999	4	1.0	0.4	2.8
Health Status/Health Serv Contact	V01-V82	1	0.4	0.1	2.7
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	1	0.4	0.1	2.7
<b>Total</b>		<b>242</b>	<b>63.4</b>	<b>53.6</b>	<b>75.0</b>

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

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

## Oak Ridge National Laboratory 1999

**Appendix K. Diseases and Injuries by Diagnostic Category****Part 2. Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	3	1.8	0.6	5.6
Malignant Neoplasms	140-208, 230-234	2	1.0	0.2	4.1
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	2	1.0	0.2	4.1
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	10	5.0	2.6	9.4
Endocrine & Metabolic Diseases	240-279	1	0.4	0.1	2.6
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	4	2.0	0.7	5.4
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	12	6.5	3.6	11.5
Circulatory System	390-459	8	7.4	3.1	17.7
-Hypertension	401	1	0.4	0.1	2.6
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	1	0.6	0.1	4.2
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	41	28.3	17.1	46.8
-Upper Respiratory	460-465, 470-478	11	11.2	3.7	33.9
-Pneumonia/Bronchitis	466, 480-487	14	7.0	4.1	11.9
-Chronic Respiratory Conditions	490-496	16	10.2	5.7	18.1
Digestive System	520-579	17	9.6	5.4	17.3
-Hernias	550-553	3	3.3	0.9	12.9
-Gallbladder Disease	574-575	1	0.4	0.1	2.6
Genitourinary System	580-629	32	14.7	10.3	20.9
-Endometriosis	617	1	0.6	0.1	4.2
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	2	1.0	0.2	4.1
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	3	1.6	0.5	5.0
Musculoskeletal System	710-739	23	10.7	7.0	16.3
-Dorsopathies	720-724	7	3.7	1.7	7.8
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	6	2.7	1.2	6.1
Injury & Poisoning	800-999	13	6.9	3.9	11.9
-Fractures, All Sites	800-829	2	1.0	0.2	4.1
-Dislocations	830-839	1	0.6	0.1	4.2
-Sprains & Strains	840-848	9	4.7	2.4	9.2
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	0	0	0	0
-Other Injuries	900-999	1	0.6	0.1	4.2
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		<b>175</b>	<b>98.4</b>	<b>80.7</b>	<b>120.0</b>

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

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

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

## Oak Ridge National Laboratory 1999

**Appendix K. Diseases and Injuries by Diagnostic Category****Part 3. Men and Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	13	2.4	1.3	4.4
Malignant Neoplasms	140-208, 230-234	8	1.5	0.7	3.3
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	1	0.1	0.0	0.9
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	6	1.2	0.5	2.9
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	11	1.7	0.9	3.1
Endocrine & Metabolic Diseases	240-279	3	0.4	0.1	1.3
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	11	2.4	1.2	4.7
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	24	3.6	2.4	5.4
Circulatory System	390-459	31	5.6	3.8	8.2
-Hypertension	401	5	0.7	0.3	1.7
-Acute Myocardial Infarction	410	3	0.4	0.1	1.4
-Ischemic Disease, not M.I.	411-414, 429.2	4	0.6	0.2	1.6
-Cerebrovascular Disease	430-438	2	0.3	0.1	1.3
Respiratory System	460-519	97	19.0	14.1	25.6
-Upper Respiratory	460-465, 470-478	27	6.6	3.2	13.5
-Pneumonia/Bronchitis	466, 480-487	36	6.3	4.4	8.9
-Chronic Respiratory Conditions	490-496	34	6.1	4.3	8.8
Digestive System	520-579	44	9.4	5.6	15.9
-Hernias	550-553	12	2.2	1.2	4.0
-Gallbladder Disease	574-575	7	3.2	0.8	12.8
Genitourinary System	580-629	41	6.1	4.4	8.3
-Benign Prostatic Hypertrophy	600	1	0.2	0.0	1.1
-Endometriosis	617	1	0.2	0.0	1.1
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	2	0.4	0.1	1.5
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	4	0.7	0.2	1.9
Musculoskeletal System	710-739	76	12.5	9.8	15.9
-Dorsopathies	720-724	28	4.6	3.1	6.9
Congenital Anomalies	740-759	1	0.2	0.0	1.7
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	14	2.8	1.6	4.9
Injury & Poisoning	800-999	38	6.1	4.4	8.4
-Fractures, All Sites	800-829	6	1.0	0.5	2.4
-Dislocations	830-839	1	0.2	0.0	1.1
-Sprains & Strains	840-848	24	3.7	2.5	5.6
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	2	0.3	0.1	1.3
-Other Injuries	900-999	5	0.8	0.3	2.1
Health Status/Health Serv Contact	V01-V82	1	0.2	0.0	1.7
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	1	0.2	0.0	1.7
<b>Total</b>		<b>417</b>	<b>74.6</b>	<b>65.7</b>	<b>84.8</b>

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

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

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



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

Diagnostic Category	Administrative 551 Person-Years				Management 434 Person-Years				Professional 668 Person-Years			
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *
All Diagnostic Categories	58	1.2	0.8	1.7	20	0.6	0.4	1.0	36	0.7	0.5	1.0
Infectious & Parasitic Diseases	1	0.8	0.05	11.7	0				3	1.7	0.5	5.9
Benign & Uncertain Neoplasms	2	0.4	0.1	1.5	2	3.8	0.8	17.7	1	0.4	0.1	3.3
Nervous System & Sense Organs	8	2.8	0.9	9.2	1	0.5	0.1	3.8	2	0.5	0.1	2.1
Circulatory System	5	2.5	0.5	11.8	2	0.5	0.1	2.2	5	1.2	0.5	3.0
Respiratory System	17	1.4	0.7	2.6	6	0.7	0.3	1.7	10	0.7	0.4	1.4
Digestive System	8	1.4	0.5	3.7	3	0.7	0.2	2.4	7	1.0	0.4	2.3
Genitourinary System	10	0.9	0.4	2.0	3	1.2	0.4	3.9	6	0.8	0.3	2.0
Musculoskeletal & Connective Tissue	10	1.7	0.7	4.2	2	0.3	0.1	1.2	4	0.4	0.1	1.1
Injury & Poisoning	5	1.1	0.4	3.3	1	0.2	0.03	1.7	4	0.7	0.2	1.9
-Sprains & Strains-Back	1	0.5	0.1	3.9	0				1	0.6	0.1	5.0
-Sprains & Strains-Other	2	1.1	0.2	6.0	0				2	0.9	0.2	4.1

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

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

\*\*\* CI = Confidence Limit

(CONTINUED)

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

Diagnostic Category	Engineering 742 Person-Years				Scientists 665 Person-Years				Technicians 354 Person-Years			
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Uppe r 95% CI** *
All Diagnostic Categories	22	0.4	0.3	0.7	17	0.3	0.2	0.6	31	1.4	0.9	2.0
Infectious & Parasitic Diseases	0				1	0.5	0.1	3.0	1	0.9	0.1	6.7
Benign & Uncertain Neoplasms	0				0				1	1.3	0.2	9.6
Nervous System & Sense Organs	0				1	0.4	0.05	2.7	1	0.7	0.1	4.9
Circulatory System	3	0.5	0.2	1.7	2	0.3	0.1	1.5	3	1.6	0.5	5.3
Respiratory System	4	0.3	0.1	0.8	3	0.2	0.1	0.7	10	1.7	0.9	3.3
Digestive System	3	0.4	0.1	1.2	3	0.4	0.1	1.4	4	1.1	0.4	3.2
Genitourinary System	1	0.3	0.03	2.2	1	0.3	0.04	1.7	6	2.4	1.0	5.8
Musculoskeletal & Connective Tissue	7	0.6	0.3	1.5	2	0.2	0.1	0.8	3	0.6	0.2	2.0
Injury & Poisoning	3	0.4	0.1	1.4	1	0.1	0.02	1.1	4	1.6	0.5	4.5
-Sprains & Strains-Back	0				0				0			
-Sprains & Strains-Other	1	0.4	0.05	2.9	1	0.4	0.1	3.5	1	0.9	0.1	7.1

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

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

\*\*\* CI = Confidence Limit

(CONTINUED)

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

Diagnostic Category	Crafts 400 Person-Years				Laborers 230 Person-Years				Operators 71 Person-Years			
	Pers ons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI***	Pers ons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI** *	Pers ons with 1+ Even t*	RR**	Lower 95% CI** *	Upper 95% CI***
All Diagnostic Categories	64	3.3	2.4	4.4	48	3.4	2.5	4.6	8	1.9	0.9	3.8
Infectious & Parasitic Diseases	5	6.3	1.8	21.4	2	3.3	0.8	14.5	0			
Benign & Uncertain Neoplasms	1	6.1	0.9	43.1	2	3.3	0.7	14.9	1	33.6	2.0	575.6
Nervous System & Sense Organs	5	6.2	1.7	21.9	2	1.9	0.4	8.3	0			
Circulatory System	5	1.7	0.6	4.6	5	3.7	1.4	9.6	0			
Respiratory System	13	2.3	1.2	4.3	16	4.6	2.7	8.0	2	1.8	0.4	7.4
Digestive System	8	2.7	1.2	6.2	5	2.2	0.9	5.6	2	3.0	0.7	12.6
Genitourinary System	6	6.6	2.2	19.5	3	1.6	0.5	5.2	0			
Musculoskeletal & Connective Tissue	16	3.9	2.1	7.3	11	4.2	2.2	8.2	2	2.2	0.5	9.2
Injury & Poisoning	13	6.4	2.9	14.0	4	2.3	0.8	6.6	2	3.6	0.9	15.3
-Sprains & Strains-Back	5	23.6	3.2	172.2	2	5.1	1.0	26.2	1	8.7	1.0	73.0
-Sprains & Strains-Other	4	4.4	1.3	15.5	2	3.2	0.7	13.9	1	5.2	0.7	40.5

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

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

\*\*\* CI = Confidence Limit

(CONTINUED)

**Appendix L. Relative Risk Estimates for Selected Diagnostic Categories Among 5-Day Absences**

Diagnostic Category	Unknown 220 Person-Years				Total Persons with 1+ Event
	Pers ons with 1+ Even t*	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	4	0.2	0.1	0.6	308
Infectious & Parasitic Diseases	0				13
Benign & Uncertain Neoplasms	1	1.3	0.2	10.2	11
Nervous System & Sense Organs	1	0.8	0.1	6.2	21
Circulatory System	0				30
Respiratory System	1	0.2	0.03	1.5	82
Digestive System	1	0.4	0.1	3.0	44
Genitourinary System	0				36
Musculoskeletal & Connective Tissue	2	0.7	0.2	2.8	59
Injury & Poisoning	0				37
-Sprains & Strains-Back	0				10
-Sprains & Strains-Other	0				14

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

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

\*\*\* CI = Confidence Limit

**Appendix M. Sentinel Health Events for Occupations (SHEO)**

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

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

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

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

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

(CONTINUED)

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

Diagnoses - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
011	Pulmonary tuberculosis	
011,502	Silicotuberculosis	Production
020	Plague	
021	Tularemia	
022	Anthrax	
023	Brucellosis	
031.1	Fish-fancier's finger	
054.6	Herpetic whitlow	
037	Tetanus	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)

**Appendix M.** Sentinel Health Events for Occupations (SHEO)

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

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OSHA DATA

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

	Women				Men					Total
	Age Group			Total	Age Group				Total	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Job Category										
Administrative	1	6	8	15	0	0	0	1	1	16
Management	0	0	0	0	0	0	2	0	2	2
Professional	3	2	1	6	0	0	2	3	5	11
Engineering	0	1	0	1	0	1	1	4	6	7
Scientists	0	0	2	2	0	2	3	2	7	9
Technicians	2	1	0	3	1	6	3	1	11	14
Crafts	0	1	2	3	0	4	20	14	38	41
Laborers	1	3	1	5	2	7	8	6	23	28
Operators	0	0	0	0	0	2	1	2	5	5
Unknown	1	0	0	1	0	0	2	0	2	3
<b>Total</b>	<b>8</b>	<b>14</b>	<b>14</b>	<b>36</b>	<b>3</b>	<b>22</b>	<b>42</b>	<b>33</b>	<b>100</b>	<b>136</b>

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



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

	Women			Men			Total		
	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost
Age Group									
16 - 29	0	0	0	3	52	3	3	52	3
30 - 39	8	44	16	24	206	106	32	250	122
40 - 49	16	20	0	45	504	250	61	524	250
50 +	14	416	0	35	472	238	49	888	238
Total	38	480	16	107	1234	597	145	1714	613

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## OSHA DATA

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

	Women			Men			Total		
	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost
Job Category									
Administrative	15	295	11	1	0	0	16	295	11
Management	0	0	0	2	0	0	2	0	0
Professional	6	0	0	5	0	4	11	0	4
Engineering	2	0	0	6	55	84	8	55	84
Scientists	2	0	0	7	76	23	9	76	23
Technicians	3	22	0	12	69	69	15	91	69
Crafts	3	0	0	40	700	224	43	700	224
Laborers	6	163	0	27	330	186	33	493	186
Operators	0	0	0	5	3	7	5	3	7
Unknown	1	0	5	2	1	0	3	1	5
Total	38	480	16	107	1234	597	145	1714	613

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

		Women				Men					Total
		Age Group			Total	Age Group				Total	
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
<b>ENDOCRINE/METABOLIC/IMMUNITY</b>	<b>240-279</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	0	0	0	1	1	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	0	0	0	0	1	1	1
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>1</b>	<b>8</b>	<b>11</b>
-Disorders of Peripheral NS	350-359	0	0	2	2	0	1	5	1	7	9
-Disorders of Eye	360-379	0	0	1	1	0	1	0	0	1	2
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>2</b>
-Other Inflammatory Conditions	690-698	0	0	0	0	0	1	1	0	2	2
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>2</b>	<b>12</b>	<b>6</b>	<b>20</b>	<b>1</b>	<b>7</b>	<b>16</b>	<b>15</b>	<b>39</b>	<b>59</b>
-Arthropathies	710-719	0	1	0	1	0	0	1	6	7	8
-Dorsopathies	720-724	0	2	1	3	0	1	4	3	8	11

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

(CONTINUED)

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

		Women				Men					Total
		Age Group			Total	Age Group				Total	
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
-Rheumatism, Excluding Back	725-729	2	9	5	16	1	6	11	5	23	39
-Other Dis & Acquired Deformities	730-739	0	0	0	0	0	0	0	1	1	1
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED COND.</b>	<b>780-799</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>9</b>	<b>13</b>
-Symptoms	780-789	0	4	0	4	2	0	3	4	9	13
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>9</b>	<b>10</b>	<b>8</b>	<b>27</b>	<b>2</b>	<b>18</b>	<b>41</b>	<b>38</b>	<b>99</b>	<b>126</b>
-Fracture - Skull	800-804	0	0	0	0	0	0	0	2	2	2
-Fracture - Upper Limb	810-819	0	1	0	1	0	1	1	0	2	3
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	1	1	1
-Dislocation	830-839	0	0	0	0	0	0	0	3	3	3
-Sprains & Strains - Back	846-847	1	1	2	4	0	2	6	12	20	24
-Sprains & Strains - Other	840-845, 848	2	5	3	10	0	3	17	6	26	36
-Open Wound - Head, Neck, Trunk	870-879	0	1	0	1	0	0	0	4	4	5
-Open Wound - Upper Limb	880-887	2	0	2	4	0	4	5	2	11	15
-Open Wound - Lower Limb	890-897	1	0	0	1	0	1	0	0	1	2

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

(CONTINUED)

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

		Women				Men					Total
		Age Group			Total	Age Group				Total	
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code										
-Superficial Injury	910-919	1	0	0	1	0	0	1	1	2	3
-Contusion	920-924	2	0	1	3	1	3	6	5	15	18
-Foreign Body Entering Orifice	930-939	0	0	0	0	1	3	3	0	7	7
-Burns	940-949	0	0	0	0	0	1	1	1	3	3
-Toxic Effects - Nonmedicinal	980-989	0	1	0	1	0	0	1	0	1	2
-Unspecified Effects - External Causes	990-995	0	1	0	1	0	0	0	1	1	2
<b>Total</b>		<b>11</b>	<b>26</b>	<b>17</b>	<b>54</b>	<b>5</b>	<b>28</b>	<b>66</b>	<b>60</b>	<b>159</b>	<b>213</b>

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

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

		Women					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0
-Disorders of Eye	360-379	0	0	0	0	0	0
-Arthropathies	710-719	0	0	20	0	0	0
-Dorsopathies	720-724	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	22	0	0	0	248	0
-Symptoms	780-789	0	0	20	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	22	11	0	0	163	0
-Sprains & Strains - Other	840-845, 848	0	0	20	0	5	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0
-Superficial Injury	910-919	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.

(CONTINUED)

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

		Women					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Contusion	920-924	0	5	0	0	0	0
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	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.

(CONTINUED)

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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	0	0	0	0
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	0	0	0	0	68
-Disorders of Peripheral NS	350-359	0	0	40	0	174	125	9	0
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	0	0	122	16
-Dorsopathies	720-724	0	0	0	69	36	2	176	9
-Rheumatism, Excluding Back	725-729	42	3	5	37	81	102	110	9
-Other Dis & Acquired Deformities	730-739	0	0	0	0	0	0	17	0
-Symptoms	780-789	10	0	0	0	36	0	24	11
-Fracture - Skull	800-804	0	0	0	0	0	0	6	8
-Fracture - Upper Limb	810-819	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.

(CONTINUED)



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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	24	16
-Dislocation	830-839	0	0	0	0	0	0	73	85
-Sprains & Strains - Back	846-847	0	0	78	0	13	6	184	52
-Sprains & Strains - Other	840-845, 848	0	0	82	0	192	108	139	7
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	7	11
-Open Wound - Upper Limb	880-887	0	0	0	0	17	15	0	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	1	0
-Contusion	920-924	10	0	0	0	92	0	22	0
-Foreign Body Entering Orifice	930-939	0	0	1	0	3	0	0	0
-Burns	940-949	0	0	0	0	0	0	0	0
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	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.

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

		Women				Men					Total
		Age Group			Total	Age Group				Total	
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Type of Accident	E Codes										
Accidental Poisoning - Nonmedicinal	E860-E869	0	1	0	1	0	0	2	0	2	3
Falls	E880-E888	1	0	0	1	0	0	5	3	8	9
Natural/Envi- ronmental Factors	E900-E909	0	1	0	1	0	1	1	2	4	5
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	2	3	0	5	5
Other Accidents	E916-E928	7	12	13	32	3	20	33	29	85	117

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

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

		Women					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes						
Accidental Poisoning - Nonmedicinal	E860-E869	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	0	0
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	0
Other Accidents	E916-E928	44	16	20	0	416	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)

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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes								
Accidental Poisoning - Nonmedicinal	E860-E869	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	45	0	31	24
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	0	0	0
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	1	0	3	0	0	0
Other Accidents	E916-E928	52	3	205	106	439	250	441	146

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

		Women								
		Job Category								Total
		Admi- nist- rati- ve	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>
-Disorders of Peripheral NS	350-359	2	0	0	0	0	0	0	0	2
-Disorders of Eye	360-379	1	0	0	0	0	0	0	0	1
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>11</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>20</b>
-Arthropathi- es	710-719	1	0	0	0	0	0	0	0	1
-Dorsopathies	720-724	2	0	0	0	0	0	1	0	3
-Rheumatism, Excluding Back	725-729	8	3	2	1	2	0	0	0	16
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED COND.</b>	<b>780-799</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>
-Symptoms	780-789	4	0	0	0	0	0	0	0	4
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>6</b>	<b>6</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>6</b>	<b>1</b>	<b>27</b>
-Fracture - Upper Limb	810-819	0	1	0	0	0	0	0	0	1
-Sprains & Strains - Back	846-847	1	0	0	0	0	1	2	0	4
-Sprains & Strains - Other	840-845, 848	4	1	1	0	0	1	3	0	10

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

(CONTINUED)

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

		Women								Total
		Job Category								
		Admi- nist- rati- ve	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	1	0	0	1
-Open Wound - Upper Limb	880-887	0	1	0	1	1	1	0	0	4
-Open Wound - Lower Limb	890-897	0	1	0	0	0	0	0	0	1
-Superficial Injury	910-919	0	1	0	0	0	0	0	0	1
-Contusion	920-924	0	1	0	1	0	0	0	1	3
-Toxic Effects - Nonmedicinal	980-989	1	0	0	0	0	0	0	0	1
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	1	0	1
<b>Total</b>		<b>24</b>	<b>9</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>7</b>	<b>1</b>	<b>54</b>

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

(CONTINUED)

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

		Men										
		Job Category										Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	Unkn- own	
Diagnostic Category	ICD-9-CM Code											
<b>ENDOCRINE/ME- TABOLIC/IMMU- NITY</b>	<b>240-279</b>	0	0	0	0	0	0	1	0	0	0	1
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	0	0	1	0	0	0	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	0	0	0	1	0	0	0	0	0	0	1
-Non- Psychotic Disorders	300-302, 306- 316	0	0	0	1	0	0	0	0	0	0	1
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	0	1	0	3	1	2	1	0	0	8
-Disorders of Peripheral NS	350-359	0	0	1	0	3	1	2	0	0	0	7
-Disorders of Eye	360-379	0	0	0	0	0	0	0	1	0	0	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	0	0	0	0	0	1	1	0	0	2
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	1	1	0	0	2
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	0	0	1	1	3	6	9	18	1	0	39
-Arthropathi- es	710-719	0	0	0	0	1	0	2	3	1	0	7
-Dorsopathies	720-724	0	0	1	0	0	1	3	3	0	0	8

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

(CONTINUED)

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

		Men										
		Job Category										Total
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	Unkn- own	
Diagnostic Category	ICD-9-CM Code											
-Rheumatism, Excluding Back	725-729	0	0	0	1	2	5	4	11	0	0	23
-Other Dis & Acquired Deformities	730-739	0	0	0	0	0	0	0	1	0	0	1
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED COND.</b>	<b>780-799</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>
-Symptoms	780-789	0	0	0	2	1	2	4	0	0	0	9
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>8</b>	<b>5</b>	<b>45</b>	<b>19</b>	<b>7</b>	<b>3</b>	<b>99</b>
-Fracture - Skull	800-804	0	0	0	0	2	0	0	0	0	0	2
-Fracture - Upper Limb	810-819	0	0	0	1	0	0	0	0	1	0	2
-Fracture - Lower Limb	820-829	0	0	0	1	0	0	0	0	0	0	1
-Dislocation	830-839	0	0	0	0	0	0	2	0	1	0	3
-Sprains & Strains - Back	846-847	1	1	1	0	0	1	9	6	1	0	20
-Sprains & Strains - Other	840-845, 848	0	0	0	0	1	0	17	5	2	1	26
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1	2	0	1	0	0	0	4
-Open Wound - Upper Limb	880-887	0	1	2	0	2	1	3	2	0	0	11

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

(CONTINUED)



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

		Men											
		Job Category										Total	
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	Unkn- own		
Diagnostic Category	ICD-9-CM Code												
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0	1	0	0	1
-Superficial Injury	910-919	0	0	0	0	0	0	2	0	0	0	0	2
-Contusion	920-924	0	1	1	0	1	1	7	2	1	1	1	15
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	1	3	3	0	0	0	7
-Burns	940-949	0	0	0	0	0	1	0	0	1	1	1	3
-Toxic Effects - Nonmedicinal	980-989	0	0	0	1	0	0	0	0	0	0	0	1
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	1	0	0	0	0	1
<b>Total</b>		<b>1</b>	<b>3</b>	<b>6</b>	<b>8</b>	<b>15</b>	<b>14</b>	<b>62</b>	<b>39</b>	<b>8</b>	<b>3</b>	<b>3</b>	<b>159</b>

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

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

		Women															
		Job Category															
		Administ-rative		Professi-onal		Engineer-ing		Scientis-ts		Technici-ans		Crafts		Laborers		Unknown	
		Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost
Diagn-ostic Cate-gory	ICD-9-CM Codes																
-Diso-rders of Perip-heral NS	350-359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Diso-rders of Eye	360-379	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Arth-ropat-hies	710-719	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Dors-opath-ies	720-724	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Rheu-matis-m, Exclu-ding Back	725-729	248	0	0	0	0	0	0	0	22	0	0	0	0	0	0	
-Symp-toms	780-789	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Frac-ture - Upper Limb	810-819	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/job category combinations with at least one occurrence appear in this table.

(CONTINUED)

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

		Women															
		Job Category															
		Administ-rative		Professi-onal		Engineer-ing		Scientis-ts		Technici-ans		Crafts		Laborers		Unknown	
		Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost
Diagn-ostic Cate-gory	ICD-9-CM Codes																
-Spra-ins & Strai-ns - Back	846-847	22	11	0	0	0	0	0	0	0	0	0	0	163	0	0	0
-Spra-ins & Strai-ns - Other	840-845, 848	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Open Wound Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Open Wound Upper Limb	880-887	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Open Wound Lower Limb	890-897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Supe-rfici-al Injury	910-919	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Cont-usion	920-924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5

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

(CONTINUED)

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

		Women															
		Job Category															
		Administ-rative		Professi-onal		Engineer-ing		Scientis-ts		Technici-ans		Crafts		Laborers		Unknown	
		Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost
Diagn-ostic Cate-gory	ICD-9-CM Codes																
-Toxic Effects - Nonme-dicin-al	980-989	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Unsp-ecifi-ed Effec-ts - Exter-nal Causes	990-995	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/job category combinations with at least one occurrence appear in this table.

(CONTINUED)

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

		Men																			
		Job Category																			
		Administrative		Management		Professional		Engineering		Scientists		Technicians		Crafts		Laborers		Operators		Unknown	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes																				
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	0	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	0	0	0	0	70	15	32	0	121	110	0	0	0	0	0	0
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	0	0	0	0	0	0	0	0	28	0	94	9	0	7	0	0

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

(CONTINUED)

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

		Men																			
		Job Category																			
		Administ-rative		Managem-ent		Professi-onal		Engineer-ing		Scientis-ts		Technici-ans		Crafts		Laborers		Operators		Unknown	
		Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost
Diagn-ostic Cate-gory	ICD-9-CM Codes																				
-Dors-opath-ies	720-724	0	0	0	0	0	0	0	0	0	0	0	69	132	2	80	9	0	0	0	0
-Rheu-matis-m, Exclu-ding Back	725-729	0	0	0	0	0	0	31	0	0	0	17	0	31	10	159	141	0	0	0	0
-Other Dis & Acqui-red Defor-mities	730-739	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0
-Symp-toms	780-789	0	0	0	0	0	0	0	0	6	8	10	0	54	3	0	0	0	0	0	0
-Frac-ture - Skull	800-804	0	0	0	0	0	0	0	0	6	8	0	0	0	0	0	0	0	0	0	0
-Frac-ture - Upper Limb	810-819	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Frac-ture - Lower Limb	820-829	0	0	0	0	0	0	24	16	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/job category combinations with at least one occurrence appear in this table.

(CONTINUED)

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

		Men																				
		Job Category																				
		Administrative		Management		Professional		Engineering		Scientists		Technicians		Crafts		Laborers		Operators		Unknown		
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	
Diagnostic Category	ICD-9-CM Codes																					
-Dislocation	830-839	0	0	0	0	0	0	0	0	0	0	0	0	0	73	78	0	0	0	7	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	4	0	0	0	0	10	0	196	9	66	45	3	0	0	0	
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0	0	0	0	0	0	0	316	16	96	92	0	7	1	0	
-Open Wound Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	6	8	0	0	1	3	0	0	0	0	0	0	
-Open Wound Upper Limb	880-887	0	0	0	0	0	0	0	0	0	0	0	0	17	15	0	0	0	0	0	0	
-Open Wound Lower Limb	890-897	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/job category combinations with at least one occurrence appear in this table.

(CONTINUED)

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

		Men																			
		Job Category																			
		Administrative		Management		Professional		Engineering		Scientists		Technicians		Crafts		Laborers		Operators		Unknown	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes																				
-Superficial Injury	910-919	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0	0	0	10	0	113	0	0	0	0	0	0	1
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0
-Burns	940-949	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	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/job category combinations with at least one occurrence appear in this table.



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

		Women								
		Job Category							Total	
		Admi- nist- rati- ve	Prof- essi- onal	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Unkn- own		
Type of Accident	E CODES									
Accidental Poisoning - Nonmedicinal	E860-E869	1	0	0	0	0	0	0	0	1
Falls	E880-E888	0	1	0	0	0	0	0	0	1
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	1	0	0	1
Other Accidents	E916-E928	13	5	2	3	3	5	1	0	32

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

(CONTINUED)

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

		Men											
		Job Category										Total	
		Admi- nist- rati- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	Unkn- own		
Type of Accident	E CODES												
Accidental Poisoning - Nonmedicinal	E860-E869	0	0	0	1	0	0	0	0	1	0	0	2
Falls	E880-E888	0	0	0	1	1	0	5	0	0	0	1	8
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	1	2	0	1	0	0	4
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	1	3	1	0	0	0	5
Other Accidents	E916-E928	1	2	5	3	6	10	28	25	4	1	1	85

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

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

		Women													
		Job Category													
		Administ-rative		Professi-onal		Scientis-ts		Technici-ans		Crafts		Laborers		Unknown	
		Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost
Type of Accident	E Codes														
Accid-ental Poiso-ning - Nonme-dicin-al	E860- E869	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Falls	E880- E888	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Natur-al/En-viron-mental Facto-rs	E900- E909	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Accid-ents	E916- E928	295	11	0	0	0	0	22	0	0	0	163	0	0	5

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

(CONTINUED)

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

		Men																			
		Job Category																			
		Administrative		Management		Professional		Engineering		Scientists		Technicians		Crafts		Laborers		Operators		Unknown	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes																				
Accidental Poisoning - Nonmedicinal	E860-E869	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	0	0	24	16	6	8	0	0	45	0	0	0	0	0	1	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0
Other Accidents	E916-E928	0	0	0	0	0	4	31	0	70	15	69	69	635	224	329	186	3	7	0	0

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

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## OSHA DATA

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

## Part 1. Men

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	1	0.2	0.0	1.6
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	1	0.2	0.0	1.6
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	8	1.9	0.9	4.0
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	2	0.6	0.1	2.5
Musculoskeletal System	710-739	39	12.4	6.8	22.7
-Dorsopathies	720-724	8	1.8	0.9	3.7
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	9	8.5	2.7	26.9
Injury & Poisoning	800-999	99	30.8	21.6	44.0
-Fractures, All Sites	800-829	5	1.2	0.5	3.1
-Dislocations	830-839	3	0.7	0.2	2.0
-Sprains & Strains	840-848	46	10.9	8.0	14.8
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	16	4.4	2.6	7.4
-Other Injuries	900-999	29	13.7	6.5	28.6
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		159	54.6	40.3	74.0

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

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

## Oak Ridge National Laboratory 1999

## OSHA DATA

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

## Part 2. Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	3	1.8	0.6	5.5
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	20	12.2	6.9	21.7
-Dorsopathies	720-724	3	1.3	0.4	4.2
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	4	1.5	0.5	3.9
Injury & Poisoning	800-999	27	13.9	9.4	20.4
-Fractures, All Sites	800-829	1	0.4	0.1	2.6
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	14	7.0	4.1	11.9
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	6	3.4	1.5	7.6
-Other Injuries	900-999	6	3.2	1.4	7.2
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		54	29.3	21.4	40.1

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

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

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

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## OSHA DATA

**Appendix Y.** OSHA Diseases and Injuries by Diagnostic Category**Part 3.** Men and Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	1	0.2	0.0	1.1
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	1	0.2	0.0	1.1
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	11	1.7	0.9	3.2
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth***	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	2	0.4	0.1	1.5
Musculoskeletal System	710-739	59	11.6	7.5	17.9
-Dorsopathies	720-724	11	1.6	0.9	2.9
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	13	6.0	2.1	17.0
Injury & Poisoning	800-999	126	25.3	19.0	33.8
-Fractures, All Sites	800-829	6	1.0	0.4	2.2
-Dislocations	830-839	3	0.5	0.2	1.5
-Sprains & Strains	840-848	60	9.8	7.5	12.9
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	22	4.1	2.7	6.4
-Other Injuries	900-999	35	10.0	5.2	19.1
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		<b>213</b>	<b>45.3</b>	<b>35.6</b>	<b>57.7</b>

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

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

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

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

Diagnostic Category	Administrative 551 Person-Years				Management 434 Person-Years				Professional 668 Person-Years			
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *
All Diagnostic Categories	16	1.1	0.6	2.2	2	0.1	0.03	0.5	11	0.5	0.3	0.9
Nervous System & Sense Organs	3	43.0	0.04	Ψ	0				1	0.7	0.1	5.2
Musculoskeletal & Connective Tissue	9	1.6	0.6	4.4	0				4	0.5	0.2	1.4
Injury & Poisoning	7	0.8	0.3	1.8	2	0.2	0.04	0.7	7	0.5	0.2	1.0
-Sprains & Strains-Back	2	1.2	0.3	4.5	1	0.3	0.04	2.3	1	0.3	0.04	2.1
-Sprains & Strains-Other	4	1.2	0.3	4.6	0				1	0.2	0.02	1.3
-Open Wound-Upper Limb	0				1	0.8	0.1	6.0	3	1.5	0.4	5.5
-Contusion	0				1	0.5	0.1	3.9	2	0.8	0.2	3.7

Diagnostic Category	Engineering 742 Person-Years				Scientists 665 Person-Years				Technicians 354 Person-Years			
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *
All Diagnostic Categories	7	0.2	0.1	0.5	9	0.4	0.2	0.7	14	1.3	0.7	2.3
Nervous System & Sense Organs	0				2	1.4	0.3	6.8	1	1.3	0.2	10.2
Musculoskeletal & Connective Tissue	2	0.2	0.1	0.9	3	0.4	0.1	1.3	7	2.1	0.9	4.9
Injury & Poisoning	5	0.2	0.1	0.6	6	0.3	0.1	0.8	6	0.8	0.3	1.8
-Sprains & Strains-Back	0				0				1	0.6	0.1	4.6
-Sprains & Strains-Other	1	0.2	0.03	0.9	1	0.2	0.02	1.3	0			
-Open Wound-Upper Limb	0				3	1.4	0.4	5.1	2	1.8	0.4	8.9
-Contusion	0				2	0.7	0.2	2.9	1	0.7	0.1	6.1

Ψ Upper bound is indeterminate

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

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

\*\*\* CI = Confidence Limit

(CONTINUED)



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

Diagnostic Category	Crafts 400 Person-Years				Laborers 230 Person-Years				Operators 71 Person-Years			
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *
All Diagnostic Categories	41	4.6	3.1	6.8	28	4.5	3.0	6.9	5	2.1	0.9	5.2
Nervous System & Sense Organs	2	2.7	0.5	15.0	1	1.8	0.2	14.8	0			
Musculoskeletal & Connective Tissue	8	2.5	1.1	5.6	12	6.1	3.1	11.9	1	1.4	0.2	10.2
Injury & Poisoning	37	6.2	4.0	9.7	18	4.2	2.5	7.0	5	3.0	1.2	7.4
-Sprains & Strains-Back	10	6.1	2.6	14.2	7	8.4	3.5	20.4	1	2.5	0.3	18.9
-Sprains & Strains-Other	17	12.2	5.4	27.5	6	4.2	1.7	10.2	2	4.0	1.0	17.1
-Open Wound-Upper Limb	4	4.2	1.3	14.0	1	1.3	0.2	10.8	0			
-Contusion	7	7.8	2.5	24.3	1	1.1	0.1	8.2	1	3.2	0.4	25.5

Diagnostic Category	Unknown 220 Person-Years				Tota l Pers ons with 1+ Even t
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	
All Diagnostic Categories	3	0.5	0.1	1.4	136
Nervous System & Sense Organs	0				10
Musculoskeletal & Connective Tissue	0				46
Injury & Poisoning	3	0.7	0.2	2.1	96
-Sprains & Strains-Back	0				23
-Sprains & Strains-Other	1	0.6	0.1	4.5	33
-Open Wound-Upper Limb	0				14
-Contusion	2	2.9	0.6	13.2	17

Ψ Upper bound is indeterminate

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

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

\*\*\* CI = Confidence Limit