

## SUPPORTING TABLES

### Idaho National Engineering and Environmental Laboratory: 2002

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

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 +		
Administration	59	188	322	313	882	29	134	462	520	1145	2027
Professional	27	118	173	69	387	60	321	661	702	1744	2131
Technical	33	41	71	49	194	24	158	200	157	539	733
Service	8	19	39	51	117	38	52	76	117	283	400
Security	4	11	18	7	40	9	51	131	67	258	298
Crafts & Manual Labor	11	17	25	7	60	94	116	256	260	726	786
Nuclear	4	16	22	10	52	10	60	107	115	292	344
Unknown	41	63	115	87	306	93	253	501	581	1428	1734
<b>Total</b>	<b>187</b>	<b>473</b>	<b>785</b>	<b>593</b>	<b>2038</b>	<b>357</b>	<b>1145</b>	<b>2394</b>	<b>2519</b>	<b>6415</b>	<b>8453</b>

Idaho National Engineering and Environmental Laboratory 2002  
Appendix B & C WILL BE INSERTED LATER

**Appendix D. 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											
Administrati- on	3	16	30	24	73	0	7	23	23	53	126
Professional	0	4	14	5	23	2	17	42	35	96	119
Technical	1	3	9	3	16	2	4	16	14	36	52
Service	3	2	3	9	17	1	4	6	16	27	44
Security	0	3	2	1	6	0	5	5	3	13	19
Crafts & Manual Labor	0	3	1	2	6	3	10	31	30	74	80
Nuclear	2	2	2	0	6	0	6	5	7	18	24
Unknown	0	2	13	8	23	1	6	13	18	38	61
Total	9	35	74	52	170	9	59	141	146	355	525

## Idaho National Engineering and Environmental Laboratory 2002

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

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 +		
Administration	3	18	36	31	88	0	8	23	29	60	148
Professional	0	5	16	5	26	2	18	49	38	107	133
Technical	1	4	10	4	19	2	4	19	16	41	60
Service	3	3	3	9	18	1	4	6	17	28	46
Security	0	3	3	1	7	0	6	6	3	15	22
Crafts & Manual Labor	0	3	1	2	6	4	11	33	33	81	87
Nuclear	2	3	2	0	7	0	6	5	7	18	25
Unknown	0	2	14	8	24	1	6	14	18	39	63
<b>Total</b>	<b>9</b>	<b>41</b>	<b>85</b>	<b>60</b>	<b>195</b>	<b>10</b>	<b>63</b>	<b>155</b>	<b>161</b>	<b>389</b>	<b>584</b>

**Appendix F. 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	6	14	30	22	72	6	26	58	59	149	221
15 - 28	0	19	24	16	59	2	16	53	43	114	173
29 - 42	1	3	14	10	28	2	9	9	26	46	74
43 - 56	1	4	10	8	23	0	3	12	8	23	46
57 - 91	1	1	5	3	10	0	5	11	10	26	36
92 - 182	0	0	1	1	2	0	3	11	12	26	28
183 +	0	0	1	0	1	0	1	1	3	5	6
Total	9	41	85	60	195	10	63	155	161	389	584

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

	Women								
	Job Category								Total
	Admin- istra- tion	Profe- ssion- al	Techn- ical	Servi- ce	Secur- ity	Crafts & Manual Labor	Nucle- ar	Unkno- wn	
# of Calendar Days									
< 15	32	10	11	4	2	2	3	8	72
15 - 28	27	9	2	7	4	0	3	7	59
29 - 42	14	3	4	3	0	1	0	3	28
43 - 56	9	2	2	3	0	2	1	4	23
57 - 91	4	1	0	1	1	1	0	2	10
92 - 182	2	0	0	0	0	0	0	0	2
183 +	0	1	0	0	0	0	0	0	1
Total	88	26	19	18	7	6	7	24	195

	Men								
	Job Category								Total
	Admin- istra- tion	Profe- ssion- al	Techn- ical	Servi- ce	Secur- ity	Crafts & Manual Labor	Nucle- ar	Unkno- wn	
# of Calendar Days									
< 15	21	43	14	9	5	35	9	13	149
15 - 28	16	38	15	6	4	22	3	10	114
29 - 42	7	13	5	2	1	9	2	7	46
43 - 56	9	6	3	1	0	3	0	1	23
57 - 91	3	4	2	2	3	3	2	7	26
92 - 182	3	3	2	7	1	9	0	1	26
183 +	1	0	0	1	1	0	2	0	5
Total	60	107	41	28	15	81	18	39	389

**Appendix H. 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>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>7</b>	<b>8</b>
-Other Bacterial Dis	030-041	0	0	0	0	0	0	0	2	1	3	3
-Other Viral Dis & Chlamydiae	070-079	0	0	0	0	0	0	0	2	1	3	3
-Other Infections & Parasitic Dis	130-136	0	1	0	0	1	0	0	0	1	1	2
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>10</b>	<b>12</b>	<b>15</b>
-Digestive & Peritoneal	150-159	0	0	0	0	0	0	0	0	6	6	6
-Respirato- ry & Intrathora- cic	160-165	0	0	0	0	0	0	0	0	1	1	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0	0	0	2	0	2	2
-Breast	174-175	0	0	0	1	1	0	0	0	0	0	1
-Genitouri- nary	179-189	0	0	0	0	0	0	0	0	3	3	3
-Carcinoma in situ	230-234	1	1	0	0	2	0	0	0	0	0	2

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

(Continued)

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

		Women					Men					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>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>5</b>
<b>ENDOCRINE/- METABOLIC/- IMMUNITY</b>	<b>240-279</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>9</b>
-Thyroid Gland Disorders	240-246	0	0	1	1	2	0	0	0	1	1	3
-Other Endocrine Gland Dis	250-259	0	1	1	1	3	0	0	2	0	2	5
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	0	0	0	0	1	1	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>9</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>7</b>	<b>16</b>
-Psychoses	290-299	0	0	0	0	0	0	0	1	0	1	1
-Non- Psychotic Disorders	300-302, 306-316	1	2	1	3	7	0	1	2	3	6	13
-Alcohol Dependence	303	0	0	0	2	2	0	0	0	0	0	2
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>0</b>	<b>1</b>	<b>6</b>	<b>7</b>	<b>14</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>8</b>	<b>12</b>	<b>26</b>
-Other Disorders of Central NS	340-349	0	0	3	3	6	0	0	0	1	1	7

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

(Continued)

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

		Women					Men					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											
-Disorders of Peripheral NS	350-359	0	0	2	3	5	0	0	2	1	3	8
-Disorders of Eye	360-379	0	0	0	0	0	0	1	0	5	6	6
-Dis of Ear & Mastoid	380-389	0	1	1	1	3	0	1	0	1	2	5
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>17</b>	<b>23</b>	<b>32</b>
-Hypertens- ive Dis	401-405	0	0	1	1	2	0	0	1	1	2	4
-Ischemic Heart Dis	410-414	0	0	0	0	0	0	0	4	14	18	18
-Dis of Pulmonary Circulation	415-417	0	0	1	0	1	0	0	0	0	0	1
-Other Heart Dis	420-429	0	0	1	0	1	0	0	0	1	1	2
-Cerebrova- scular Dis	430-438	0	0	0	1	1	0	0	0	0	0	1
-Dis of Arteries & Capillaries	440-448	0	0	0	0	0	0	0	0	1	1	1
-Dis of Veins, Lymphatics, Other	451-459	1	0	3	0	4	0	0	1	0	1	5
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>1</b>	<b>11</b>	<b>17</b>	<b>8</b>	<b>37</b>	<b>5</b>	<b>13</b>	<b>34</b>	<b>25</b>	<b>77</b>	<b>114</b>
-Acute Respiratory Infections	460-466	0	2	7	1	10	0	4	5	7	16	26

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

(Continued)



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

		Women					Men					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											
-Other Dis Upper Respiratory Tract	470-478	1	2	5	2	10	1	6	14	9	30	40
-Pneumonia & Influenza	480-487	0	5	4	4	13	1	1	11	3	16	29
-Chronic Obstructive Dis	490-496	0	1	1	1	3	3	2	4	4	13	16
-Other Respiratory Dis	510-519	0	1	0	0	1	0	0	0	2	2	3
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>1</b>	<b>5</b>	<b>8</b>	<b>3</b>	<b>17</b>	<b>0</b>	<b>7</b>	<b>20</b>	<b>32</b>	<b>59</b>	<b>76</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	2	3	0	0	7	5	12	15
-Esophagus, Stomach, Duodenum	530-537	0	0	1	0	1	0	1	1	0	2	3
-Appendici- tis	540-543	0	2	1	0	3	0	0	2	3	5	8
-Hernia	550-553	0	1	2	1	4	0	4	8	12	24	28
-Enteritis, Colitis	555-558	0	1	1	0	2	0	1	0	2	3	5
-Other Intestinal Dis	560-569	0	0	0	0	0	0	0	1	2	3	3
-Other Digestive Dis	570-579	1	1	2	0	4	0	1	1	8	10	14

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

(Continued)

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

		Women					Men					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>GENITOURIN- ARY SYSTEM</b>	<b>580-629</b>	<b>2</b>	<b>10</b>	<b>22</b>	<b>8</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>9</b>	<b>11</b>	<b>53</b>
-Nephritis, Nephrosis	580-589	0	0	0	1	1	0	0	0	0	0	1
-Other Urinary Dis	590-599	0	2	5	2	9	0	0	0	6	6	15
-Male Genital Organ Dis	600-608	0	0	0	0	0	0	0	2	3	5	5
-Breast Disorders	610-611	0	1	2	0	3	0	0	0	0	0	3
-Other Female Disorders	617-629	2	7	15	5	29	0	0	0	0	0	29
<b>SKIN &amp; SUBCUTANEO- US TISSUE</b>	<b>680-709</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>10</b>
-Infections	680-686	0	1	0	0	1	0	0	2	2	4	5
-Other Inflammato- ry Conditions	690-698	0	0	0	0	0	0	0	0	1	1	1
-Other	700-709	0	1	1	1	3	0	0	1	0	1	4
<b>MUSCULOSKE- LETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>0</b>	<b>8</b>	<b>24</b>	<b>22</b>	<b>54</b>	<b>2</b>	<b>27</b>	<b>63</b>	<b>36</b>	<b>128</b>	<b>182</b>
-Arthropat- hies	710-719	0	2	10	9	21	2	13	31	19	65	86
-Dorsopath- ies	720-724	0	1	10	3	14	0	9	25	10	44	58

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

(Continued)

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

		Women					Men					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											
-Rheumatis- m, Excluding Back	725-729	0	5	3	7	15	0	3	6	7	16	31
-Other Dis & Acquired Deformities	730-739	0	0	1	3	4	0	2	1	0	3	7
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>8</b>	<b>1</b>	<b>3</b>	<b>11</b>	<b>8</b>	<b>23</b>	<b>31</b>
-Symptoms	780-789	1	0	3	3	7	0	3	11	7	21	28
-Ill- Defined & Unknown Causes	797-799	0	0	1	0	1	1	0	0	1	2	3
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>3</b>	<b>11</b>	<b>16</b>	<b>10</b>	<b>40</b>	<b>2</b>	<b>22</b>	<b>29</b>	<b>24</b>	<b>77</b>	<b>117</b>
-Fracture - Skull	800-804	0	0	0	0	0	1	0	0	0	1	1
-Fracture - Neck, Trunk	805-809	0	0	3	4	7	0	1	3	1	5	12
-Fracture - Upper Limb	810-819	0	1	1	0	2	0	1	1	1	3	5
-Fracture - Lower Limb	820-829	0	0	3	2	5	0	2	4	2	8	13
-Dislocati- on	830-839	1	0	3	0	4	0	2	1	1	4	8
-Sprains & Strains - Back	846-847	0	2	0	1	3	0	3	3	5	11	14

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

(Continued)

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

		Women					Men					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 - Other	840-845, 848	1	2	0	1	4	0	7	6	10	23	27
-Intracran- ial Injury	850-854	0	0	0	0	0	0	1	0	0	1	1
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	0	0	0	0	0	1	0	1	1
-Open Wound Upper Limb	880-887	0	0	0	0	0	1	1	2	0	4	4
-Superfici- al Injury	910-919	0	0	0	0	0	0	0	1	0	1	1
-Contusion	920-924	1	4	0	1	6	0	3	2	0	5	11
-Burns	940-949	0	1	3	0	4	0	0	0	0	0	4
-Complicat- ions & Unspecified Injuries	958-959	0	1	2	1	4	0	0	4	1	5	9
-Unspecifi- ed Effects External Causes	990-995	0	0	1	0	1	0	0	0	1	1	2
-Complicat- ions of Surgical/M- edical Care	996-999	0	0	0	0	0	0	1	1	2	4	4
<b>HEALTH STATUS/HEA- LTH SERVICE CONTACT</b>	<b>V01-V82</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>

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

(Continued)

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

		Women					Men					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											
-Health Services Reproducti- on/Develop- ment	V20-V29	0	1	0	0	1	1	0	0	0	1	2
<b>Total</b>		11	55	108	72	246	11	75	181	183	450	696

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

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

		Women					Men					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	8	0	0	8	0	0	82	82	164	172
MALIGNANT NEOPLASMS	140-208, 230-234	12	28	0	14	54	0	0	44	511	555	609
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	68	12	0	80	0	0	0	33	33	113
ENDOCRINE / - METABOLIC / - IMMUNITY	240-279	0	49	117	64	230	0	0	63	60	123	353
MENTAL DISORDERS	290-319	2	58	150	177	387	0	2	38	69	109	496
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	5	158	272	435	0	19	22	122	163	598
CIRCULATORY SYSTEM	390-459	12	0	121	38	171	0	0	126	1057	1183	1354
RESPIRATORY SYSTEM	460-519	34	130	268	132	564	51	130	381	405	967	1531
DIGESTIVE SYSTEM	520-579	14	86	183	22	305	0	164	410	512	1086	1391
GENITOURIN- ARY SYSTEM	580-629	48	260	536	243	1087	0	0	24	241	265	1352
SKIN & SUBCUTANEO- US TISSUE	680-709	0	34	43	26	103	0	0	45	77	122	225
MUSCULOSKE- LETAL & CONNECTIVE TISSUE	710-739	0	115	485	565	1165	74	932	2917	1996	5919	7084

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

(Continued)

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

		Women					Men					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											
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	2	0	90	18	110	3	21	225	241	490	600
INJURY & POISONING	800-999	84	117	721	205	1127	34	863	847	650	2394	3521

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

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	0	0	1	0	0	0	0	0	1
-Other Infections & Parasitic Dis	130-136	0	0	1	0	0	0	0	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230- 234</b>	2	1	0	0	0	0	0	0	3
-Breast	174-175	0	1	0	0	0	0	0	0	1
-Carcinoma in situ	230-234	2	0	0	0	0	0	0	0	2
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235- 239</b>	1	0	0	0	0	0	0	1	2
<b>ENDOCRINE/ME- TABOLIC/IMMU- NITY</b>	<b>240-279</b>	3	0	0	0	0	2	0	0	5
-Thyroid Gland Disorders	240-246	2	0	0	0	0	0	0	0	2
-Other Endocrine Gland Dis	250-259	1	0	0	0	0	2	0	0	3
<b>MENTAL DISORDERS</b>	<b>290-319</b>	7	0	0	2	0	0	0	0	9
-Non- Psychotic Disorders	300-302, 306- 316	5	0	0	2	0	0	0	0	7
-Alcohol Dependence	303	2	0	0	0	0	0	0	0	2

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

(Continued)



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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>14</b>
-Other Disorders of Central NS	340-349	5	1	0	0	0	0	0	0	6
-Disorders of Peripheral NS	350-359	2	0	0	1	1	0	0	1	5
-Dis of Ear & Mastoid	380-389	1	0	0	1	0	1	0	0	3
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>9</b>
-Hypertensive Dis	401-405	2	0	0	0	0	0	0	0	2
-Dis of Pulmonary Circulation	415-417	1	0	0	0	0	0	0	0	1
-Other Heart Dis	420-429	0	0	1	0	0	0	0	0	1
-Cerebrovasc- ular Dis	430-438	0	0	0	0	0	0	0	1	1
-Dis of Veins, Lymphatics, Other	451-459	0	1	0	3	0	0	0	0	4
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>15</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>37</b>
-Acute Respiratory Infections	460-466	4	3	1	0	0	1	1	0	10

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

(Continued)

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
-Other Dis Upper Respiratory Tract	470-478	3	3	0	1	1	1	0	1	10
-Pneumonia & Influenza	480-487	7	0	3	1	1	0	1	0	13
-Chronic Obstructive Dis	490-496	0	0	0	1	1	0	1	0	3
-Other Respiratory Dis	510-519	1	0	0	0	0	0	0	0	1
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>9</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>17</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	3	0	0	0	0	0	0	0	3
-Esophagus, Stomach, Duodenum	530-537	1	0	0	0	0	0	0	0	1
-Appendicitis	540-543	1	0	1	0	0	0	0	1	3
-Hernia	550-553	2	0	0	0	0	0	0	2	4
-Enteritis, Colitis	555-558	1	0	0	0	0	0	1	0	2
-Other Digestive Dis	570-579	1	1	1	1	0	0	0	0	4
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>13</b>	<b>7</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>10</b>	<b>42</b>
-Nephritis, Nephrosis	580-589	1	0	0	0	0	0	0	0	1

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

(Continued)

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
-Other Urinary Dis	590-599	4	1	1	0	0	0	0	3	9
-Breast Disorders	610-611	2	0	1	0	0	0	0	0	3
-Other Female Disorders	617-629	6	6	6	1	0	1	2	7	29
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>
-Infections	680-686	0	0	0	0	1	0	0	0	1
-Other	700-709	3	0	0	0	0	0	0	0	3
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>22</b>	<b>12</b>	<b>9</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>54</b>
-Arthropathi- es	710-719	12	4	0	5	0	0	0	0	21
-Dorsopathies	720-724	1	8	5	0	0	0	0	0	14
-Rheumatism, Excluding Back	725-729	7	0	3	1	0	0	0	4	15
-Other Dis & Acquired Deformities	730-739	2	0	1	0	0	0	0	1	4
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED CONDITIONS</b>	<b>780-799</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>8</b>
-Symptoms	780-789	4	0	0	0	0	0	0	3	7

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

(Continued)

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
-Ill-Defined & Unknown Causes	797-799	1	0	0	0	0	0	0	0	1
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>19</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>40</b>
-Fracture - Neck, Trunk	805-809	1	1	0	0	1	0	0	4	7
-Fracture - Upper Limb	810-819	1	0	0	0	1	0	0	0	2
-Fracture - Lower Limb	820-829	2	1	0	0	0	0	0	2	5
-Dislocation	830-839	2	0	0	1	0	0	0	1	4
-Sprains & Strains - Back	846-847	3	0	0	0	0	0	0	0	3
-Sprains & Strains - Other	840-845, 848	1	1	0	0	1	0	1	0	4
-Contusion	920-924	2	0	0	1	2	0	1	0	6
-Burns	940-949	3	0	0	0	0	1	0	0	4
-Complicatio- ns & Unspecified Injuries	958-959	3	1	0	0	0	0	0	0	4
-Unspecified Effects - External Causes	990-995	1	0	0	0	0	0	0	0	1

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

(Continued)

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V82</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
-Health Services Reproduction- /Development	V20-V29	0	1	0	0	0	0	0	0	1
<b>Total</b>		<b>110</b>	<b>34</b>	<b>25</b>	<b>20</b>	<b>10</b>	<b>7</b>	<b>8</b>	<b>32</b>	<b>246</b>

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

(Continued)

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

		Men								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	1	3	1	0	0	2	0	0	7
-Other Bacterial Dis	030-041	1	0	1	0	0	1	0	0	3
-Other Viral Dis & Chlamydiae	070-079	0	2	0	0	0	1	0	0	3
-Other Infections & Parasitic Dis	130-136	0	1	0	0	0	0	0	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230- 234</b>	4	1	0	1	0	5	0	1	12
-Digestive & Peritoneal	150-159	4	0	0	0	0	1	0	1	6
-Respiratory & Intrathoracic	160-165	0	0	0	1	0	0	0	0	1
-Bone, Connective Tissue, Skin	170-173, 176	0	1	0	0	0	1	0	0	2
-Genitourina- ry	179-189	0	0	0	0	0	3	0	0	3
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235- 239</b>	0	1	1	0	0	0	0	1	3
<b>ENDOCRINE/ME- TABOLIC/IMMU- NITY</b>	<b>240-279</b>	0	1	1	0	0	2	0	0	4

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

(Continued)

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

		Men								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
-Thyroid Gland Disorders	240-246	0	1	0	0	0	0	0	0	1
-Other Endocrine Gland Dis	250-259	0	0	1	0	0	1	0	0	2
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	0	1	0	0	1
<b>MENTAL DISORDERS</b>	<b>290-319</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>7</b>
-Psychoses	290-299	0	0	0	0	0	1	0	0	1
-Non- Psychotic Disorders	300-302, 306- 316	2	1	0	1	0	2	0	0	6
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>12</b>
-Other Disorders of Central NS	340-349	0	0	1	0	0	0	0	0	1
-Disorders of Peripheral NS	350-359	1	1	0	0	1	0	0	0	3
-Disorders of Eye	360-379	1	2	0	1	0	1	1	0	6
-Dis of Ear & Mastoid	380-389	0	0	0	1	0	1	0	0	2
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>3</b>	<b>8</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>23</b>

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

(Continued)

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

		Men								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
-Hypertensive Dis	401-405	1	0	0	0	0	0	0	1	2
-Ischemic Heart Dis	410-414	2	5	1	3	0	2	2	3	18
-Other Heart Dis	420-429	0	1	0	0	0	0	0	0	1
-Dis of Arteries & Capillaries	440-448	0	1	0	0	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	1	0	0	0	0	0	0	1
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>13</b>	<b>23</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>17</b>	<b>4</b>	<b>2</b>	<b>77</b>
-Acute Respiratory Infections	460-466	2	1	2	1	1	8	1	0	16
-Other Dis Upper Respiratory Tract	470-478	6	9	4	2	3	4	1	1	30
-Pneumonia & Influenza	480-487	2	8	2	1	0	2	0	1	16
-Chronic Obstructive Dis	490-496	3	5	1	1	0	2	1	0	13
-Other Respiratory Dis	510-519	0	0	0	0	0	1	1	0	2

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

(Continued)



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

		Men								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>11</b>	<b>19</b>	<b>6</b>	<b>5</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>9</b>	<b>59</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	3	3	2	2	1	1	0	0	12
-Esophagus, Stomach, Duodenum	530-537	1	1	0	0	0	0	0	0	2
-Appendicitis	540-543	0	4	0	0	0	1	0	0	5
-Hernia	550-553	6	6	2	2	0	2	1	5	24
-Enteritis, Colitis	555-558	0	0	0	1	0	2	0	0	3
-Other Intestinal Dis	560-569	0	2	1	0	0	0	0	0	3
-Other Digestive Dis	570-579	1	3	1	0	0	1	0	4	10
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>11</b>
-Other Urinary Dis	590-599	3	1	0	0	0	1	1	0	6
-Male Genital Organ Dis	600-608	1	1	0	0	0	2	1	0	5
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>6</b>
-Infections	680-686	0	1	0	0	0	3	0	0	4

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

(Continued)

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

		Men								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
-Other Inflammatory Conditions	690-698	0	0	0	0	0	1	0	0	1
-Other	700-709	0	1	0	0	0	0	0	0	1
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>17</b>	<b>39</b>	<b>17</b>	<b>7</b>	<b>3</b>	<b>23</b>	<b>3</b>	<b>19</b>	<b>128</b>
-Arthropathi- es	710-719	9	21	11	2	1	12	2	7	65
-Dorsopathies	720-724	6	12	4	3	2	9	0	8	44
-Rheumatism, Excluding Back	725-729	2	3	2	2	0	2	1	4	16
-Other Dis & Acquired Deformities	730-739	0	3	0	0	0	0	0	0	3
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED CONDITIONS</b>	<b>780-799</b>	<b>6</b>	<b>1</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>23</b>
-Symptoms	780-789	6	1	4	3	1	5	0	1	21
-Ill-Defined & Unknown Causes	797-799	0	0	1	0	0	1	0	0	2
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>13</b>	<b>13</b>	<b>9</b>	<b>4</b>	<b>9</b>	<b>13</b>	<b>6</b>	<b>10</b>	<b>77</b>
-Fracture - Skull	800-804	0	0	0	0	0	0	0	1	1

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

(Continued)

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

		Men								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
-Fracture - Neck, Trunk	805-809	0	1	1	0	2	1	0	0	5
-Fracture - Upper Limb	810-819	2	0	0	0	1	0	0	0	3
-Fracture - Lower Limb	820-829	0	1	1	0	0	0	2	4	8
-Dislocation	830-839	0	0	1	0	1	0	1	1	4
-Sprains & Strains - Back	846-847	1	2	0	0	0	6	0	2	11
-Sprains & Strains - Other	840-845, 848	5	3	4	0	4	4	1	2	23
-Intracranial Injury	850-854	0	1	0	0	0	0	0	0	1
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	1	0	0	0	0	0	0	1
-Open Wound - Upper Limb	880-887	0	1	0	3	0	0	0	0	4
-Superficial Injury	910-919	0	0	0	0	0	1	0	0	1
-Contusion	920-924	1	1	1	0	1	0	1	0	5
-Complicatio- ns & Unspecified Injuries	958-959	2	0	0	1	0	1	1	0	5

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

(Continued)

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

		Men								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
-Unspecified Effects - External Causes	990-995	0	1	0	0	0	0	0	0	1
-Complicatio- ns of Surgical/Med- ical Care	996-999	2	1	1	0	0	0	0	0	4
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V82</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>
-Health Services Reproduction- /Development	V20-V29	0	0	0	0	1	0	0	0	1
<b>Total</b>		<b>76</b>	<b>117</b>	<b>51</b>	<b>31</b>	<b>20</b>	<b>89</b>	<b>19</b>	<b>47</b>	<b>450</b>

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

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	8	0	0	0	0	0	8
MALIGNANT NEOPLASMS	140-208, 230- 234	40	14	0	0	0	0	0	0	54
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	68	0	0	0	0	0	0	12	80
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	120	0	0	0	0	110	0	0	230
MENTAL DISORDERS	290-319	323	0	0	64	0	0	0	0	387
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	222	8	0	57	67	33	0	48	435
CIRCULATORY SYSTEM	390-459	82	11	14	50	0	0	0	14	171
RESPIRATORY SYSTEM	460-519	248	92	42	62	52	8	43	17	564
DIGESTIVE SYSTEM	520-579	187	10	26	18	0	0	17	47	305
GENITOURINARY SYSTEM	580-629	384	183	184	45	0	56	48	187	1087
SKIN & SUBCUTANEOUS TISSUE	680-709	86	0	0	0	17	0	0	0	103

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

		Women								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	423	266	157	204	0	0	0	115	1165
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	40	0	0	0	0	0	0	70	110
INJURY & POISONING	800-999	334	478	0	29	59	10	14	203	1127

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

		Men								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	14	82	48	0	0	20	0	0	164
MALIGNANT NEOPLASMS	140-208, 230- 234	83	8	0	78	0	302	0	84	555
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	0	14	10	0	0	0	0	9	33
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	0	21	48	0	0	54	0	0	123
MENTAL DISORDERS	290-319	33	20	0	2	0	54	0	0	109
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	21	41	7	50	17	23	4	0	163
CIRCULATORY SYSTEM	390-459	181	340	4	225	0	34	301	98	1183
RESPIRATORY SYSTEM	460-519	188	304	122	78	22	199	29	25	967
DIGESTIVE SYSTEM	520-579	227	288	95	69	12	201	1	193	1086
GENITOURINARY SYSTEM	580-629	110	51	0	0	0	36	68	0	265
SKIN & SUBCUTANEOUS TISSUE	680-709	0	31	0	0	0	91	0	0	122

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

		Men								
		Job Category								Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	Unkn- own	
Diagnostic Category	ICD-9-CM Code									
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	1179	1176	649	672	219	1093	316	615	5919
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	85	15	49	112	15	197	0	17	490
INJURY & POISONING	800-999	349	223	281	308	592	295	103	243	2394

\*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 L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined****Part 1. Age-Adjusted Rates for All Diagnoses Combined by Gender from 1993 to 2002**

Rate per 1,000

Year	All Diagnoses Combined					
	Men			Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1993	97	107	117	130	148	169
1994	44	49	54	76	87	100
1995	38	43	48	52	61	71
1996	53	61	69	74	87	102
1997	52	59	67	75	87	101
1998	56	64	73	95	109	126
1999	52	58	65	108	123	139
2000	62	70	79	93	107	123
2001	55	63	71	117	133	152
2002	52	59	67	89	103	119

**Part 2. Age-Adjusted Rates for Selected Diagnostic Categories by Gender from 1993 to 2002**

Rate per 1,000 Men

Men	Respiratory			Digestive			Muscles & Skeleton			Injury*		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	18	22	28	11	14	18	12	16	20	18	22	28
1994	4	6	8	6	7	10	5	6	8	8	10	12
1995	4	5	8	4	6	8	6	7	9	6	8	11
1996	10	14	18	6	9	12	8	11	15	6	8	12
1997	9	12	15	5	7	11	10	13	17	5	8	13
1998	8	10	13	7	10	14	9	12	15	8	12	17
1999	11	14	17	8	10	13	8	11	14	8	10	14
2000	11	15	20	7	9	13	10	13	16	12	16	21
2001	10	14	20	7	10	13	11	14	17	7	10	14
2002	9	12	17	5	6	8	13	17	20	8	11	14

Rate per 1,000 Women

Women	Respiratory			Digestive			Muscles & Skeleton			Injury*		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	33	43	56	7	10	17	15	22	31	11	17	25
1994	14	19	26	5	8	12	9	14	19	9	12	18
1995	5	8	12	3	6	10	6	9	14	7	10	15
1996	12	16	22	8	14	22	9	14	23	6	9	14
1997	20	26	35	9	13	20	7	11	16	6	10	15
1998	18	24	32	7	11	17	14	20	28	9	13	19
1999	23	29	37	12	17	25	18	24	32	8	12	18
2000	12	16	23	5	8	12	24	31	42	7	11	16
2001	19	26	36	15	22	30	20	26	34	11	17	25
2002	10	15	21	4	7	13	15	20	27	12	18	26

\*For 1993, rate based on external causes of injury data; for 1994 through 2002, rate based on injury and poisoning data.

(Continued)

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**Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined**  
**Part 3. Age-Adjusted Rates for All Diagnoses Combined by Gender and Job Category from 1993 to 2002**

Rate per 1,000 Men

Year	Administration			Professional			Technical			Service		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	64	90	128	65	77	91	86	107	132	162	210	273
1994	29	39	53	34	42	52	48	61	78	88	110	137
1995	21	29	40	15	22	30	31	44	61	36	59	95
1996	49	76	116	39	55	77	70	110	174	27	49	90
1997	46	70	105	33	44	57	58	95	157	66	110	182
1998	48	60	76	41	52	66	75	111	164	94	132	185
1999	39	49	62	31	38	48	83	114	158	86	122	174
2000	46	62	84	56	71	88	72	97	131	83	121	177
2001	32	49	76	34	43	56	68	89	116	94	131	184
2002	38	49	64	44	58	77	60	91	138	61	89	130

Year	Security			Crafts & Manual Labor			Nuclear			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	*	*	*	142	177	220	74	112	170	0	0	0
1994	*	*	*	48	68	96	46	73	114	<1	2	7
1995	56	80	116	58	84	123	16	28	49	39	46	55
1996	33	74	163	47	69	102	47	82	142	36	46	57
1997	74	123	204	56	85	130	79	133	223	18	26	37
1998	118	356	1067	89	120	162	33	52	82	12	19	30
1999	35	62	111	112	141	177	54	86	138	14	21	31
2000	47	76	123	87	111	142	49	84	144	12	18	25
2001	38	59	91	101	134	178	41	62	94	20	28	39
2002	38	84	185	80	100	126	32	51	82	20	28	39

Rate per 1,000 Women

Year	Administration			Professional			Technical			Service		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	89	109	134	104	180	312	136	182	243	275	379	521
1994	85	102	124	12	25	52	52	76	111	154	205	273
1995	34	45	59	38	64	110	49	74	111	178	268	405
1996	65	82	105	47	82	141	96	147	223	88	152	263
1997	74	93	118	62	95	146	72	108	160	74	120	196
1998	91	111	136	52	86	142	90	135	203	134	213	341
1999	114	136	161	50	77	119	204	293	420	122	189	293
2000	90	110	136	59	88	132	113	161	230	152	241	383
2001	114	139	171	98	136	190	107	151	213	139	225	363
2002	85	107	136	42	62	93	73	113	174	113	211	392

Year	Security			Crafts & Manual Labor			Nuclear			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1993	*	*	*	201	491	1199	155	372	888	0	0	0
1994	*	*	*	64	132	270	38	78	162	10	20	38
1995	62	113	206	10	42	169	0	0	0	37	52	73
1996	30	71	170	10	38	151	3	21	151	51	71	99
1997	70	192	523	81	150	278	16	53	182	17	28	47
1998	185	293	464	66	128	245	42	107	269	39	60	91
1999	134	253	479	185	528	1511	40	97	237	14	26	48
2000	179	315	552	44	89	179	24	59	142	13	24	42
2001	72	145	291	147	278	524	89	166	310	46	73	116
2002	94	180	346	51	116	261	110	271	668	55	80	115

\*Service and Security are combined

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## Appendix M. Diseases and Injuries by Diagnostic Category

## Part 1. Men

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	7	0.7	0.3	1.4
Malignant Neoplasms	140-208, 230-234	12	1.2	0.7	2.2
-Digestive Organs	150-159	6	0.6	0.3	1.3
-Respiratory System	160-165	1	0.2	0.0	1.3
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	3	0.3	0.1	0.9
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	3	0.3	0.1	0.9
Endocrine & Metabolic Diseases	240-279	4	0.4	0.1	1.0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	7	0.8	0.4	1.6
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	12	1.4	0.8	2.6
Circulatory System	390-459	23	2.4	1.6	3.6
-Hypertension	401	2	0.2	0.0	0.8
-Acute Myocardial Infarction	410	5	0.5	0.2	1.1
-Ischemic Disease, not M.I.	411-414, 429.2	13	1.3	0.8	2.3
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	77	12.3	8.9	17.0
-Upper Respiratory	460-465, 470-478	43	5.7	3.9	8.4
-Pneumonia/Bronchitis	466, 480-487	19	2.9	1.5	5.4
-Chronic Respiratory Conditions	490-496	13	3.6	1.6	7.8
Digestive System	520-579	59	6.4	4.9	8.4
-Hernias	550-553	24	2.7	1.8	4.2
-Gallbladder Disease	574-575	5	0.5	0.2	1.2
Genitourinary System	580-629	11	1.3	0.7	2.4
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	6	0.6	0.3	1.3
Musculoskeletal System	710-739	128	16.5	13.4	20.4
-Dorsopathies	720-724	44	5.3	3.9	7.3
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	23	3.3	1.9	5.9
Injury & Poisoning	800-999	77	10.8	8.1	14.4
-Fractures, All Sites	800-829	17	2.7	1.3	5.3
-Dislocations	830-839	4	0.6	0.2	1.6
-Sprains & Strains	840-848	34	4.1	2.9	5.9
-Intracranial Injuries	850-854	1	0.2	0.0	1.3
-Internal Injuries	860-869	1	0.1	0.0	0.7
-Open Wounds	870-897	4	1.2	0.3	4.6
-Other Injuries	900-999	16	2.0	1.2	3.3
Health Status/Health Serv Contact	V01-V82	1	0.8	0.1	5.6
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	1	0.8	0.1	5.6
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		450	59.1	52.4	66.7

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

(Continued)

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## Appendix M. Diseases and Injuries by Diagnostic Category

## Part 2. Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	1	0.4	0.1	3.2
Malignant Neoplasms	140-208, 230-234	3	2.4	0.6	9.1
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	1	0.4	0.1	2.8
-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	2	0.7	0.2	3.0
Endocrine & Metabolic Diseases	240-279	5	1.8	0.8	4.5
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	9	4.7	2.1	10.3
-Alcoholism	303	2	0.8	0.2	3.2
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	14	5.0	2.9	8.5
Circulatory System	390-459	9	4.5	1.9	10.3
-Hypertension	401	2	0.7	0.2	2.8
-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	1	0.8	0.1	5.9
Respiratory System	460-519	37	14.6	10.1	20.9
-Upper Respiratory	460-465, 470-478	18	7.4	4.2	12.9
-Pneumonia/Bronchitis	466, 480-487	15	5.6	3.3	9.3
-Chronic Respiratory Conditions	490-496	3	1.1	0.4	3.6
Digestive System	520-579	17	7.3	4.1	12.8
-Hernias	550-553	4	1.4	0.5	3.9
-Gallbladder Disease	574-575	4	2.5	0.7	8.9
Genitourinary System	580-629	42	17.1	11.9	24.4
-Endometriosis	617	1	0.4	0.1	3.2
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	1	0.4	0.1	3.2
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	4	1.6	0.6	4.3
Musculoskeletal System	710-739	54	20.2	15.3	26.7
-Dorsopathies	720-724	14	5.4	3.0	9.7
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	8	3.9	1.6	9.4
Injury & Poisoning	800-999	40	18.1	12.4	26.3
-Fractures, All Sites	800-829	14	4.9	2.9	8.3
-Dislocations	830-839	4	2.4	0.6	8.8
-Sprains & Strains	840-848	7	4.1	1.7	9.9
-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	15	6.7	3.7	12.3
Health Status/Health Serv Contact	V01-V82	1	0.4	0.1	3.2
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	1	0.4	0.1	3.2
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		246	102.6	88.7	118.7

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

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

(Continued)

## Idaho National Engineering and Environmental Laboratory 2002

## Appendix M. Diseases and Injuries by Diagnostic Category

## Part 3. Men and Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	8	0.6	0.3	1.3
Malignant Neoplasms	140-208, 230-234	15	1.7	0.8	3.5
-Digestive Organs	150-159	6	0.5	0.2	1.0
-Respiratory System	160-165	1	0.1	0.0	1.0
-Breast	174-175	1	0.1	0.0	0.5
-Genitourinary	179-189	3	0.2	0.1	0.7
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	5	0.4	0.2	1.1
Endocrine & Metabolic Diseases	240-279	9	0.7	0.4	1.4
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	16	1.8	0.9	3.6
-Alcoholism	303	2	0.2	0.0	0.6
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	26	2.2	1.5	3.3
Circulatory System	390-459	32	3.1	2.0	4.8
-Hypertension	401	4	0.3	0.1	0.8
-Acute Myocardial Infarction	410	5	0.4	0.2	0.9
-Ischemic Disease, not M.I.	411-414, 429.2	13	1.1	0.6	1.9
-Cerebrovascular Disease	430-438	1	0.1	0.0	1.0
Respiratory System	460-519	114	12.7	10.0	16.3
-Upper Respiratory	460-465, 470-478	61	6.2	4.5	8.6
-Pneumonia/Bronchitis	466, 480-487	34	3.5	2.3	5.3
-Chronic Respiratory Conditions	490-496	16	2.8	1.4	5.5
Digestive System	520-579	76	6.9	5.3	9.0
-Hernias	550-553	28	2.4	1.7	3.6
-Gallbladder Disease	574-575	9	1.2	0.5	3.0
Genitourinary System	580-629	53	5.6	3.9	7.9
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	1	0.1	0.0	0.9
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	1	0.1	0.0	0.9
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	10	0.9	0.5	1.6
Musculoskeletal System	710-739	182	16.9	14.3	19.9
-Dorsopathies	720-724	58	5.2	4.0	6.9
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	31	3.5	2.1	5.7
Injury & Poisoning	800-999	117	12.8	10.1	16.2
-Fractures, All Sites	800-829	31	3.0	1.9	4.8
-Dislocations	830-839	8	1.1	0.4	3.1
-Sprains & Strains	840-848	41	4.3	3.0	6.2
-Intracranial Injuries	850-854	1	0.1	0.0	0.9
-Internal Injuries	860-869	1	0.1	0.0	0.5
-Open Wounds	870-897	4	0.8	0.2	3.0
-Other Injuries	900-999	31	3.4	2.2	5.2
Health Status/Health Serv Contact	V01-V82	2	0.6	0.1	3.3
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	2	0.6	0.1	3.3
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		696	70.6	64.2	77.5

\* 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 N. Relative Risk Estimates for Selected Diagnostic Categories Among Absences

Diagnostic Category	Administration 2,027 Person-Years				Professional 2,131 Person-Years				Technical 733 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	126	0.9	0.7	1.1	119	0.9	0.7	1.1	52	1.2	0.9	1.5
Malignant Neoplasms	3	1.0	0.2	3.8	2	0.6	0.1	2.5	0			
Mental Disorders	6	2.2	0.6	7.8	1	0.3	0.04	2.6	0			
Nervous System & Sense Organs	8	1.0	0.4	2.6	4	0.7	0.2	2.1	1	0.5	0.1	3.5
Circulatory System	6	0.7	0.3	1.7	9	1.3	0.6	2.9	2	0.9	0.2	3.6
Respiratory System	25	1.0	0.6	1.6	22	1.0	0.6	1.5	10	1.3	0.7	2.4
Digestive System	18	1.1	0.6	1.8	19	1.0	0.6	1.7	8	1.4	0.7	3.0
Genitourinary System	13	0.7	0.4	1.4	8	0.8	0.4	1.8	5	1.4	0.6	3.7
Musculoskeletal & Connective Tissue	33	0.8	0.5	1.2	42	1.1	0.8	1.6	20	1.5	1.0	2.5
Symptoms, Signs, & Ill- Defined Conditions	7	1.3	0.5	3.5	1	0.1	0.02	1.0	4	2.1	0.7	6.0
Injury & Poisoning	23	0.9	0.6	1.5	16	0.6	0.3	1.0	7	0.8	0.4	1.6
-Fracture-Neck, Trunk	1	0.2	0.02	2.1	2	0.8	0.2	4.1	1	1.1	0.1	8.8
-Fracture-Lower Limb	2	0.4	0.1	2.3	2	0.6	0.1	2.9	1	0.9	0.1	7.6
-Sprains & Strains-Back	3	1.1	0.2	4.7	2	0.5	0.1	2.3	0			
-Sprains & Strains-Other	5	0.9	0.3	2.4	4	0.5	0.2	1.5	4	1.8	0.7	5.1
-Contusion	3	1.1	0.3	4.3	1	0.3	0.04	2.8	1	0.9	0.1	6.7

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

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

\*\*\*CI = Confidence Limit

(Continued)

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

Diagnostic Category	Service 400 Person-Years				Security 298 Person-Years				Crafts and Manual Labor 786 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	44	1.9	1.4	2.5	19	1.1	0.7	1.7	80	2.1	1.6	2.6
Malignant Neoplasms	1	1.9	0.2	14.4	0				5	8.6	2.5	29.6
Mental Disorders	3	6.1	1.6	23.0	0				2	3.5	0.7	18.6
Nervous System & Sense Organs	4	3.4	1.2	9.9	2	3.4	0.8	14.4	3	2.2	0.6	7.2
Circulatory System	5	4.1	1.6	10.7	0				2	0.8	0.2	3.4
Respiratory System	6	1.4	0.6	3.1	5	1.7	0.7	4.1	16	2.4	1.4	4.2
Digestive System	6	2.0	0.9	4.7	1	0.4	0.1	2.8	7	1.1	0.5	2.5
Genitourinary System	1	0.4	0.1	3.3	0				4	2.3	0.8	6.9
Musculoskeletal & Connective Tissue	12	1.7	1.0	3.2	3	0.5	0.2	1.6	20	1.7	1.1	2.7
Symptoms, Signs, & Ill- Defined Conditions	3	2.8	0.8	9.4	1	1.2	0.2	8.6	5	2.6	1.0	7.2
Injury & Poisoning	6	1.4	0.6	3.1	11	3.5	1.9	6.6	13	1.7	0.9	3.1
-Fracture-Neck, Trunk	0				3	14.0	3.4	58.4	1	1.7	0.2	14.3
-Fracture-Lower Limb	0				0				0			
-Sprains & Strains-Back	0				0				6	9.6	3.0	30.9
-Sprains & Strains-Other	0				4	5.1	1.7	14.8	4	1.9	0.6	5.6
-Contusion	1	2.5	0.3	23.3	2	7.2	1.5	34.6	0			

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

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

\*\*\*CI = Confidence Limit

(Continued)

**Appendix N. Relative Risk Estimates for Selected Diagnostic Categories Among Absences**

Diagnostic Category	Nuclear 344 Person-Years				Unknown 1,734 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	24	1.2	0.8	1.8	61	0.5	0.4	0.7	525
Malignant Neoplasms	0				1	0.3	0.04	2.7	12
Mental Disorders	0				0				12
Nervous System & Sense Organs	1	1.2	0.2	9.1	1	0.2	0.03	1.4	24
Circulatory System	2	1.8	0.4	7.5	4	0.6	0.2	1.7	30
Respiratory System	6	1.7	0.8	3.9	3	0.1	0.04	0.4	93
Digestive System	2	0.7	0.2	2.6	11	0.7	0.4	1.3	72
Genitourinary System	3	2.4	0.7	8.0	8	1.2	0.6	2.6	42
Musculoskeletal & Connective Tissue	3	0.5	0.2	1.5	20	0.6	0.4	1.0	153
Symptoms, Signs, & Ill- Defined Conditions	0				3	0.6	0.2	1.8	24
Injury & Poisoning	8	2.2	1.0	4.5	13	0.6	0.4	1.1	97
-Fracture-Neck, Trunk	0				2	1.1	0.3	4.9	10
-Fracture-Lower Limb	2	5.4	1.1	26.2	5	3.1	1.0	9.8	12
-Sprains & Strains-Back	0				2	0.7	0.1	3.2	13
-Sprains & Strains-Other	2	1.9	0.4	8.0	2	0.3	0.1	1.4	25
-Contusion	2	6.2	1.3	28.7	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 job categories.

\*\*\*CI = Confidence Limit



**Appendix O. 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 *non-production*. 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-six conditions are included in this group.

*Non-production:* Disease conditions that can be related to occupations within the DOE complex but not exposures related to production or cleanup activities. There are 12 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 non-production*.

Diagnoses - Definitely SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
011.40	Tuberculous fibrosis of lung	Production
155	Hemangiosarcoma of the liver	
158, 163	Mesothelioma (MN of peritoneum and pleura)	Production
187.7	Malignant neoplasm of scrotum	Production
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	Production
504	Byssinosis	

Note: Fourth and fifth digits of some of the codes are considered in the analysis of the data but are not reflected in the table.

(Continued)

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

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

Note: Fourth and fifth digits of some of the codes are considered in the analysis of the data but are not reflected in the table.

(Continued)

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

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

Note: Fourth and fifth digits of some of the codes are considered in the analysis of the data but are not reflected in the table.

## Idaho National Engineering and Environmental Laboratory 2002

## OSHA Data

**Appendix P. Number of Workers with at Least One OSHA Event 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											
Administration	0	2	3	3	8	0	0	1	3	4	12
Professional	0	0	0	0	0	0	3	1	2	6	6
Technical	0	0	3	0	3	0	6	2	4	12	15
Service	1	1	2	1	5	1	2	2	1	6	11
Security	0	0	2	0	2	0	0	1	0	1	3
Crafts & Manual Labor	0	0	1	0	1	4	10	9	9	32	33
Nuclear	0	1	0	0	1	0	1	2	0	3	4
<b>Total</b>	<b>1</b>	<b>4</b>	<b>11</b>	<b>4</b>	<b>20</b>	<b>5</b>	<b>22</b>	<b>18</b>	<b>19</b>	<b>64</b>	<b>84</b>

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

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OSHA Data

**Appendix Q. 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	1	28	0	5	43	11	6	71	11
30 - 39	4	6	0	22	122	103	26	128	103
40 - 49	11	86	27	18	243	25	29	329	52
50 +	5	42	4	20	238	139	25	280	143
Total	21	162	31	65	646	278	86	808	309

Idaho National Engineering and Environmental Laboratory 2002

OSHA Data

**Appendix R. 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									
Administration	9	38	4	4	0	18	13	38	22
Professional	0	0	0	6	0	24	6	0	24
Technical	3	42	27	12	14	24	15	56	51
Service	5	38	0	6	56	102	11	94	102
Security	2	1	0	1	0	0	3	1	0
Crafts & Manual Labor	1	43	0	33	507	99	34	550	99
Nuclear	1	0	0	3	69	11	4	69	11
Total	21	162	31	65	646	278	86	808	309

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

**Appendix S. Number of Diagnoses in Each Diagnostic Category 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 +		
Diagnostic Category	ICD-9-CM code											
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	0	0	0	0	0	2	0	0	2	2
-Disorders of Eye	360-379	0	0	0	0	0	0	2	0	0	2	2
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	0	0	0	1	1	0	0	0	0	0	1
-Other Respiratory Dis	510-519	0	0	0	1	1	0	0	0	0	0	1
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	0	0	0	0	0	0	0	1	1	2	2
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	1	1	2	2
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	0	0	0	2	2	0	0	2	0	2	4
-Symptoms	780-789	0	0	0	2	2	0	0	2	0	2	4
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	1	6	13	3	23	5	22	18	22	67	90
-Fracture - Upper Limb	810-819	0	0	1	0	1	0	1	1	0	2	3
-Fracture - Lower Limb	820-829	0	0	1	0	1	0	2	0	0	2	3
-Dislocation	830-839	0	0	1	0	1	0	0	0	0	0	1
-Sprains & Strains - Back	846-847	0	1	3	0	4	0	3	8	5	16	20

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

(Continued)

**Appendix S. Number of Diagnoses in Each Diagnostic Category 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 +		
Diagnostic Category	ICD-9-CM code											
-Sprains & Strains - Other	840-845, 848	1	4	4	1	10	3	4	2	7	16	26
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	1	3	0	0	4	4
-Open Wound - Upper Limb	880-887	0	0	1	0	1	1	4	1	3	9	10
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	1	0	1	1
-Superficial Injury	910-919	0	0	1	0	1	0	0	1	2	3	4
-Contusion	920-924	0	1	0	1	2	0	1	2	2	5	7
-Complications & Unspecified Injuries	958-959	0	0	1	1	2	0	4	2	3	9	11
<b>Total</b>		<b>1</b>	<b>6</b>	<b>13</b>	<b>6</b>	<b>26</b>	<b>5</b>	<b>24</b>	<b>21</b>	<b>23</b>	<b>73</b>	<b>99</b>

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



**Appendix T. 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 +	
		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 Respiratory Dis	510-519	0	0	0	0	0	0	0	0
-Symptoms	780-789	0	0	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	43	0	0	0
-Dislocation	830-839	0	0	0	0	42	27	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	28	0	4	0	43	27	10	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0
-Contusion	920-924	0	0	2	0	0	0	32	4
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0	0	0

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

(Continued)

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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days 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								
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	51	0	99	0
-Symptoms	780-789	0	0	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	14	24	49	0	0	0
-Fracture - Lower Limb	820-829	0	0	63	51	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	5	143	25	128	0
-Sprains & Strains - Other	840-845, 848	41	11	52	33	0	0	110	97
-Open Wound - Head, Neck, Trunk	870-879	2	0	7	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	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	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	14	0	0	0	42

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

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OSHA Data

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

		Women			Men				Total
		Age Group		Total	Age Group			Total	
		40 - 49	50 +		30 - 39	40 - 49	50 +		
Type of Accident	E Codes								
Other Accidents	E916-E928	1	1	2	3	2	5	10	12

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

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

		Women			
		Age Group			
		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes				
Other Accidents	E916-E928	0	0	0	0

		Men					
		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						
Other Accidents	E916-E928	0	14	0	0	99	42

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

		Women							Total
		Job Category							
		Admi- nist- rati- on	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear		
Diagnostic Category	ICD-9-CM Code								
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
-Other Respiratory Dis	510-519	1	0	0	0	0	0	1	
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED CONDITIONS</b>	<b>780-799</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	
-Symptoms	780-789	2	0	0	0	0	0	2	
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>8</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>23</b>	
-Fracture - Upper Limb	810-819	0	0	0	1	0	0	1	
-Fracture - Lower Limb	820-829	0	0	0	0	1	0	1	
-Dislocation	830-839	0	1	0	0	0	0	1	
-Sprains & Strains - Back	846-847	2	0	1	0	0	1	4	
-Sprains & Strains - Other	840-845, 848	3	1	3	1	0	2	10	
-Open Wound - Upper Limb	880-887	0	0	1	0	0	0	1	
-Superficial Injury	910-919	0	1	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 W. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Women							Total
		Job Category							
		Admi- nist- rati- on	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear		
Diagnostic Category	ICD-9-CM Code								
-Contusion	920-924	2	0	0	0	0	0	2	
-Complicatio- ns & Unspecified Injuries	958-959	1	1	0	0	0	0	2	
Total		11	4	5	2	1	3	26	

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

(Continued)

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## OSHA Data

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

		Men							
		Job Category							Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	
Diagnostic Category	ICD-9-CM Code								
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	0	1	0	0	1	0	2
-Disorders of Eye	360-379	0	0	1	0	0	1	0	2
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	0	0	0	0	0	2	0	2
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	2	0	2
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED CONDITIONS</b>	<b>780-799</b>	0	2	0	0	0	0	0	2
-Symptoms	780-789	0	2	0	0	0	0	0	2
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	5	6	13	6	2	31	4	67
-Fracture - Upper Limb	810-819	0	0	1	0	0	1	0	2
-Fracture - Lower Limb	820-829	0	0	1	1	0	0	0	2
-Sprains & Strains - Back	846-847	0	0	4	1	0	10	1	16
-Sprains & Strains - Other	840-845, 848	1	0	2	2	2	9	0	16

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

(Continued)

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

		Men							
		Job Category							Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Secu- rity	Craf- ts & Manu- al Labor	Nucl- ear	
Diagnostic Category	ICD-9-CM Code								
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	3	1	4
-Open Wound - Upper Limb	880-887	2	3	0	1	0	3	0	9
-Open Wound - Lower Limb	890-897	0	0	0	0	0	1	0	1
-Superficial Injury	910-919	1	0	1	0	0	1	0	3
-Contusion	920-924	0	2	1	0	0	0	2	5
-Complicatio- ns & Unspecified Injuries	958-959	1	1	3	1	0	3	0	9
<b>Total</b>		<b>5</b>	<b>8</b>	<b>14</b>	<b>6</b>	<b>2</b>	<b>34</b>	<b>4</b>	<b>73</b>

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



## Idaho National Engineering and Environmental Laboratory 2002

OSHA Data

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

		Women											
		Job Category											
		Administ- ration		Technical		Service		Security		Crafts & Manual Labor		Nuclear	
		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
Diagnostic Category	ICD-9-CM Codes												
-Other Respiratory Dis	510-519	0	0	0	0	0	0	0	0	0	0	0	0
-Symptoms	780-789	0	0	0	0	0	0	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0	43	0	0	0
-Dislocation	830-839	0	0	42	27	0	0	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	0	0	0	0	0
-Sprains & Strains - Other	840-845, 848	4	0	42	27	38	0	1	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0	0	0	0	0
-Contusion	920-924	34	4	0	0	0	0	0	0	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	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 X. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Job Category\***

		Men													
		Job Category													
		Administ- ration		Professi- onal		Technical		Service		Security		Crafts & Manual Labor		Nuclear	
		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
Diagnostic Category	ICD-9-CM Codes														
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0	0	0	150	0	0	0
-Symptoms	780-789	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	14	24	0	0	0	0	49	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	14	24	49	27	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	5	0	0	0	204	19	62	11
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0	2	75	0	0	201	66	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	0	0	2	0	7	0
-Open Wound - Upper Limb	880-887	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
-Superficial Injury	910-919	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 X. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Job Category\***

		Men													
		Job Category													
		Administ- ration		Professi- onal		Technical		Service		Security		Crafts & Manual Labor		Nuclear	
		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
Diagnostic Category	ICD-9-CM Codes														
-Contusion	920-924	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	0	18	0	24	0	0	0	0	0	0	0	14	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 Y. Number of Occurrences in Each Accident Category by Gender and Job Category\***

		Women		
		Job Category		Total
		Admi- nist- rati- on	Tech- nical	
Type of Accident	E CODES			
Other Accidents	E916-E928	1	1	2

		Men					
		Job Category					Total
		Admi- nist- rati- on	Prof- essi- onal	Tech- nical	Serv- ice	Craf- ts & Manu- al Labor	
Type of Accident	E CODES						
Other Accidents	E916-E928	1	1	2	1	5	10

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

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

		Women			
		Job Category			
		Administ- ration		Technical	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes				
Other Accidents	E916-E928	0	0	0	0

		Men									
		Job Category									
		Administ- ration		Professi- onal		Technical		Service		Crafts & Manual Labor	
		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										
Other Accidents	E916-E928	0	18	0	24	0	0	0	0	99	14

\*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.

## Idaho National Engineering and Environmental Laboratory 2002

## OSHA Data

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

## Part 1. Age-Adjusted Rates for All OSHA-Recordable Diagnoses by Gender and Job Category from 1994 to 2002

## Rate per 1,000 Women

Year	Administration			Professional			Technical			Service		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	13	19	28	2	5	13	14	26	48	38	63	104
1995	6	10	18	3	10	36	5	13	34	8	27	90
1996	16	25	41	7	21	65	37	69	127	24	60	144
1997	21	31	46	12	30	77	26	54	111	36	71	137
1998	21	32	49	14	26	51	39	78	155	52	120	279
1999	21	30	44	13	24	46	14	35	91	21	45	99
2000	9	15	25	7	15	31	23	42	75	27	70	184
2001	2	5	12	1	4	12	13	28	60	14	47	162
2002	5	10	18	0	0	0	5	13	34	19	63	206

Year	Security			Crafts & Manual Labor			Nuclear			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	*	*	*	6	28	122	0	0	0	3	8	25
1995	0	0	0	0	0	0	0	0	0	9	16	28
1996	7	28	113	11	48	222	0	0	0	8	16	32
1997	7	29	117	41	94	216	6	25	100	0	0	0
1998	0	0	0	12	37	114	9	37	153	0	0	0
1999	0	0	0	17	57	188	1	9	66	<1	2	11
2000	20	141	998	45	102	233	5	19	74	0	0	0
2001	0	0	0	91	181	360	37	77	161	0	0	0
2002	6	25	101	1	9	64	13	40	123	0	0	0

## Rate per 1,000 Men

Year	Administration			Professional			Technical			Service		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	2	6	19	2	3	6	8	14	22	17	27	44
1995	1	2	5	<1	1	4	11	19	32	12	30	75
1996	7	11	17	2	4	8	17	29	49	37	67	120
1997	6	9	16	8	12	17	45	73	117	51	80	126
1998	10	16	26	5	8	13	26	40	64	46	82	145
1999	3	5	9	7	12	21	30	50	84	63	97	151
2000	8	19	43	3	6	10	4	9	18	22	42	79
2001	2	5	9	1	2	6	21	43	88	33	59	107
2002	1	2	6	2	4	8	11	19	32	10	24	56

Year	Security			Crafts & Manual Labor			Nuclear			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1994	*	*	*	62	89	128	7	20	55	0	0	0
1995	5	10	20	7	16	39	<1	2	11	16	20	26
1996	18	31	55	47	70	105	<1	3	21	16	24	35
1997	19	38	77	79	101	130	9	19	40	0	0	0
1998	15	28	52	74	97	125	11	21	42	<1	<1	3
1999	29	126	544	58	79	107	1	5	22	0	0	0
2000	29	86	257	44	63	90	4	11	30	0	0	0
2001	5	12	31	45	68	103	4	11	30	2	7	28
2002	1	4	14	34	49	72	4	10	27	0	0	0

\*Service and Security are combined

(Continued)

Idaho National Engineering and Environmental Laboratory 2002

OSHA Data

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

**Part 2. Age-Adjusted Rates for Injury by Gender from 1994 to 2002**

Rate per 1,000

Year	Injury Men			Injury Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1994	10	12	16	9	13	18
1995	8	11	14	6	9	14
1996	16	20	26	13	20	31
1997	23	28	35	20	27	36
1998	20	25	31	23	31	41
1999	18	23	29	20	26	35
2000	14	19	25	16	22	30
2001	13	18	25	10	15	22
2002	9	12	17	6	10	16

## Idaho National Engineering and Environmental Laboratory 2002

## OSHA Data

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

## Part 1. Men

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-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	2	0.4	0.1	1.5
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
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	0	0	0	0
Musculoskeletal System	710-739	2	0.2	0.0	0.8
-Dorsopathies	720-724	0	0	0	0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	2	0.2	0.0	0.8
Injury & Poisoning	800-999	67	11.9	8.5	16.7
-Fractures, All Sites	800-829	4	0.7	0.2	1.8
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	32	5.8	3.5	9.7
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	14	3.4	1.6	6.9
-Other Injuries	900-999	17	2.1	1.3	3.4
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		73	12.7	9.2	17.5

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

(Continued)



## Idaho National Engineering and Environmental Laboratory 2002

## OSHA Data

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

## Part 2. Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	0	0	0	0
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	1	0.4	0.1	2.8
-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	0	0	0	0
-Dorsopathies	720-724	0	0	0	0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	2	0.8	0.2	3.2
Injury & Poisoning	800-999	23	9.6	5.9	15.5
-Fractures, All Sites	800-829	2	0.6	0.1	2.3
-Dislocations	830-839	1	0.3	0.0	2.1
-Sprains & Strains	840-848	14	6.2	3.3	11.7
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	0.3	0.0	2.1
-Other Injuries	900-999	5	2.3	0.9	5.9
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		26	10.8	6.9	16.9

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

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

(Continued)

## Idaho National Engineering and Environmental Laboratory 2002

## OSHA Data

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

## Part 3. Men and Women

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	2	0.3	0.1	1.0
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	1	0.1	0.0	0.5
-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	0	0	0	0
Musculoskeletal System	710-739	2	0.1	0.0	0.6
-Dorsopathies	720-724	0	0	0	0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	4	0.3	0.1	0.8
Injury & Poisoning	800-999	90	11.1	8.4	14.6
-Fractures, All Sites	800-829	6	0.6	0.3	1.4
-Dislocations	830-839	1	0.1	0.0	0.5
-Sprains & Strains	840-848	46	5.9	4.0	8.8
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	15	2.4	1.2	4.7
-Other Injuries	900-999	22	2.1	1.3	3.2
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		99	11.9	9.1	15.4

\* 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 CC. Relative Risk Estimates for Selected Diagnostic Categories Among OSHA Events

Diagnostic Category	Administration 2,027 Person-Years				Professional 2,131 Person-Years				Technical 733 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	12	0.5	0.3	1.0	6	0.2	0.1	0.5	15	2.1	1.2	3.7
Injury & Poisoning	11	0.5	0.3	1.0	5	0.2	0.1	0.5	15	2.2	1.3	4.0
-Sprains & Strains-Back	2	0.3	0.1	1.7	0				4	2.6	0.9	7.7
-Sprains & Strains-Other	4	0.6	0.2	1.9	0				3	1.5	0.4	5.1
-Open Wound-Upper Limb	2	1.2	0.2	5.5	3	1.2	0.3	4.8	0			
-Complications & Unspecified Injuries	2	0.8	0.1	4.4	1	0.3	0.04	2.2	4	5.6	1.6	20.4

Diagnostic Category	Service 400 Person-Years				Security 298 Person-Years				Crafts and Manual Labor 786 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	11	3.0	1.6	5.6	3	1.0	0.3	3.1	33	7.2	4.4	11.6
Injury & Poisoning	11	3.1	1.7	6.0	3	1.1	0.3	3.3	31	6.9	4.2	11.4
-Sprains & Strains-Back	2	2.6	0.6	11.3	0				10	11.8	4.5	30.7
-Sprains & Strains-Other	5	4.7	1.8	12.6	2	3.3	0.7	14.4	8	7.2	2.5	21.4
-Open Wound-Upper Limb	2	5.2	1.0	28.1	0				3	3.3	0.9	12.2
-Complications & Unspecified Injuries	1	2.0	0.3	14.7	0				3	4.0	1.0	15.9

Diagnostic Category	Nuclear 344 Person-Years				Unknown 1,734 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	4	1.2	0.4	3.1	0				84
Injury & Poisoning	4	1.2	0.4	3.3	0				80
-Sprains & Strains-Back	2	2.5	0.6	10.5	0				20
-Sprains & Strains-Other	1	1.2	0.2	8.5	0				23
-Open Wound-Upper Limb	0				0				10
-Complications & Unspecified Injuries	0				0				11

\* 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