

**SUPPORTING TABLES**  
**OAK RIDGE NATIONAL LABORATORY: 2002**

**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	13	82	187	187	469	3	0	5	10	18	487
Management	0	4	49	21	74	2	33	135	210	380	454
Professional	3	52	135	84	274	7	43	118	105	273	547
Engineering	1	17	29	17	64	8	104	260	274	646	710
Scientists	2	40	48	34	124	9	116	235	305	665	789
Technicians	6	34	46	29	115	13	70	113	69	265	380
Crafts	0	1	7	4	12	0	18	125	189	332	344
Laborers	1	7	27	33	68	9	37	59	54	159	227
Operators	0	0	2	2	4	0	12	27	22	61	65
Total	26	237	530	411	1204	51	433	1077	1238	2799	4003

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

<b>ADMINISTRATIVE</b>	LIFE SCIENTISTS
ADMINISTRATIVE ASSISTANTS	MATERIALS SCIENTISTS
OFFICE CLERKS (GENERAL)	MATHEMATICIANS
OFFICE CLERKS (SPECIALIZED)	OTHER SCIENTISTS
SECRETARIES	PHYSICISTS
	SOCIAL SCIENTISTS
<b>MANAGEMENT</b>	<b>TECHNICIANS</b>
FIRST LINE SUPERVISORS	COMPUTER OPERATORS/CODERS
GENERAL MANAGERS & EXECUTIVES	DRAFTERS
PROJECT & PROGRAM MANAGERS	ENGINEERING TECHNICIANS
	ENVIRONMENTAL SCIENCES TECHNICIANS
<b>PROFESSIONAL</b>	INDUSTRIAL SAFETY & HEALTH TECHNICIANS
ACCOUNTANTS & AUDITORS	LABORATORY TECHNICIANS
BUYERS, PROCUREMENT, CONTRACTING	MEDIA TECHNICIANS
COMMUNICATIONS SPECIALISTS	OTHER TECHNICIANS
COMPLIANCE INSPECTORS	
COMPUTER SYSTEMS ANALYSTS	<b>CRAFTS</b>
ESTIMATORS, PLANNERS, SCHEDULERS	CARPENTERS
HEALTH PHYSICISTS	ELECTRICIANS
INDUSTRIAL HYGIENISTS	HEATING, AIR CONDITIONING & REFRIGERATION
LAWYERS	MACHINISTS
OTHER PROFESSIONAL ADMIN	MASONS
PERSONNEL RELATIONS SPECIALIST	MILLWRIGHTS
PHYSICIAN ASST, NURSES, OTHER	OTHER CRAFTS
SAFEGUARDS/SECURITY SPECIALIST	PAINTERS
TECHNICAL WRITERS & EDITORS	PLUMBERS & PIPEFITTERS
TRAINERS	VEHICLE & MOBILE EQUIPMENT MECHANICS
	WELDERS
<b>ENGINEERING</b>	<b>LABORERS</b>
CHEMICAL ENGINEERS	FIREFIGHTERS
CIVIL ENGINEERS	FOOD SERVICE WORKERS
CONSTRUCTION ENGINEERS	HANDLERS, HELPERS, & LABORERS (GENERAL)
ELECTRICAL ENGINEERS	HANDLERS, HELPERS, & LABORERS (SPECIALIZED)
ENVIRONMENTAL ENGINEERS	JANITORS & CLEANERS
MECHANICAL ENGINEERS	LAUNDRY WORKERS
NUCLEAR ENGINEERS	LIGHT VEHICLE DRIVERS
OTHER ENGINEERS	OTHER LABORERS
PLANT ENGINEERS	
QUALITY ASSURANCE/CONTROL ENGINEERS	<b>OPERATORS</b>
SAFETY ENGINEERS	CHEMICAL SYSTEMS OPERATORS
	MATERIAL MOVING EQUIP OPERATOR
<b>SCIENTISTS</b>	NUCLEAR PLANT OPERATORS
CHEMISTS	OTHER OPERATORS
COMPUTER SCIENTISTS	UTILITIES OPERATORS
ENVIRONMENTAL SCIENTISTS	
GEOLOGISTS	

Oak Ridge National Laboratory 2002

**Appendix C. Work Force Demographics****Part 1. Percentage of Men in Different Age Groups from 1999 to 2002**

Men	16-29	30-39	40-49	50+
1999	3	19	42	36
2000	3	17	40	40
2001	2	16	39	43
2002	2	15	39	44

**Part 2. Percentage of Women in Different Age Groups from 1999 to 2002**

Women	16-29	30-39	40-49	50+
1999	3	25	45	27
2000	3	22	45	30
2001	3	19	44	34
2002	2	20	44	34

**Part 3. Percentage of Men in Different Job Categories from 1999 to 2002**

Men	Administrative	Management	Professional	Engineering	Scientists	Technicians	Crafts	Laborers	Operators	Unknown
1999	<1	13	13	23	19	8	13	5	2	3
2000	1	13	13	23	19	8	12	5	2	4
2001	1	13	12	22	23	9	12	6	2	*
2002	1	13	10	23	24	9	12	6	2	*

\*No workers in this category.

**Part 4. Percentage of Women in Different Job Categories from 1999 to 2002**

Women	Administrative	Management	Professional	Engineering	Scientists	Technicians	Crafts	Laborers	Operators	Unknown
1999	39	5	21	4	8	8	1	5	<1	8
2000	38	5	21	4	8	8	1	5	<1	9
2001	41	6	22	5	9	10	1	5	<1	*
2002	39	6	23	5	10	10	1	6	<1	*

\*No workers in this category.

Oak Ridge National Laboratory 2002

**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											
Administrative	1	8	51	48	108	0	0	0	0	0	108
Management	0	0	7	1	8	1	1	11	16	29	37
Professional	0	5	19	9	33	2	2	12	16	32	65
Engineering	0	1	8	1	10	0	4	32	31	67	77
Scientists	0	2	3	4	9	0	5	8	16	29	38
Technicians	1	3	12	3	19	2	14	26	8	50	69
Crafts	0	0	3	2	5	0	5	51	65	121	126
Laborers	0	4	18	18	40	2	21	30	25	78	118
Operators	0	0	2	1	3	0	4	5	8	17	20
Total	2	23	123	87	235	7	56	175	185	423	658

Oak Ridge National Laboratory 2002

**Appendix E. 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	1	10	66	57	134	0	0	0	0	0	134
Management	0	0	7	1	8	1	1	11	23	36	44
Professional	0	8	25	13	46	2	3	15	17	37	83
Engineering	0	1	9	1	11	0	5	42	39	86	97
Scientists	0	2	3	4	9	0	5	10	16	31	40
Technicians	1	3	19	4	27	3	18	33	9	63	90
Crafts	0	0	7	2	9	0	7	76	95	178	187
Laborers	0	11	36	35	82	3	33	44	46	126	208
Operators	0	0	2	4	6	0	5	6	14	25	31
Total	2	35	174	121	332	9	77	237	259	582	914

Oak Ridge National Laboratory 2002

**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	1	24	121	88	234	8	61	177	172	418	652
15 - 28	0	4	19	11	34	1	6	28	26	61	95
29 - 42	0	1	12	6	19	0	7	8	16	31	50
43 - 56	0	2	13	5	20	0	2	7	13	22	42
57 - 91	1	2	5	9	17	0	1	10	19	30	47
92 - 182	0	2	4	1	7	0	0	7	12	19	26
183 +	0	0	0	1	1	0	0	0	1	1	2
Total	2	35	174	121	332	9	77	237	259	582	914

Oak Ridge National Laboratory 2002

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

	Women									
	Job Category									Total
	Admin- istra- tive	Manag- ement	Profe- ssion- al	Engin- eering	Scien- tists	Techn- icians	Crafts	Labor- ers	Opera- tors	
# of Calendar Days										
< 15	99	5	33	6	6	21	6	53	5	234
15 - 28	13	0	3	3	1	2	1	10	1	34
29 - 42	7	1	2	0	0	1	1	7	0	19
43 - 56	8	0	5	2	0	0	0	5	0	20
57 - 91	4	2	1	0	1	3	1	5	0	17
92 - 182	3	0	1	0	1	0	0	2	0	7
183 +	0	0	1	0	0	0	0	0	0	1
Total	134	8	46	11	9	27	9	82	6	332

	Men								
	Job Category								Total
	Manag- ement	Profe- ssion- al	Engin- eering	Scien- tists	Techn- icians	Crafts	Labor- ers	Opera- tors	
# of Calendar Days									
< 15	26	26	63	25	41	119	99	19	418
15 - 28	3	6	12	2	10	17	7	4	61
29 - 42	4	2	3	0	6	9	6	1	31
43 - 56	1	0	5	2	3	8	3	0	22
57 - 91	1	3	1	0	3	13	8	1	30
92 - 182	1	0	2	2	0	11	3	0	19
183 +	0	0	0	0	0	1	0	0	1
Total	36	37	86	31	63	178	126	25	582

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

Oak Ridge National Laboratory 2002

**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>15</b>	<b>2</b>	<b>18</b>	<b>0</b>	<b>4</b>	<b>11</b>	<b>13</b>	<b>28</b>	<b>46</b>
-Intestinal Infectious Dis	001-009	0	0	1	0	1	0	0	1	0	1	2
-Other Bacterial Dis	030-041	0	0	7	1	8	0	0	0	2	2	10
-Viral Dis with Exanthem	050-057	0	0	0	0	0	0	0	1	3	4	4
-Other Viral Dis & Chlamydiae	070-079	0	1	6	1	8	0	4	8	6	18	26
-Rickettsi- oses & Other Arthropod	080-088	0	0	1	0	1	0	0	0	1	1	2
-Mycoses	110-118	0	0	0	0	0	0	0	1	1	2	2
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>12</b>	<b>14</b>	<b>19</b>
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0	0	0	0	0	2	2	2
-Digestive & Peritoneal	150-159	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	0	5	5	5
-Breast	174-175	0	0	2	0	2	0	0	0	0	0	2

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

(Continued)



Oak Ridge National Laboratory 2002

## 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											
-Genitouri- nary	179-189	0	0	0	2	2	0	0	1	4	5	7
-Lymphatic & Hematopoie- tic	200-208	0	0	0	0	0	0	0	1	0	1	1
-Carcinoma in situ	230-234	0	0	1	0	1	0	0	0	0	0	1
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>5</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>19</b>
<b>ENDOCRINE/- METABOLIC/- IMMUNITY</b>	<b>240-279</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>7</b>	<b>9</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>9</b>	<b>17</b>	<b>26</b>
-Thyroid Gland Disorders	240-246	0	0	1	0	1	0	0	1	1	2	3
-Other Endocrine Gland Dis	250-259	0	0	0	2	2	0	3	2	5	10	12
-Other Metabolic & Immunity Disorders	270-279	0	0	1	5	6	1	0	1	3	5	11
<b>BLOOD &amp; BLOOD- FORMING ORGANS</b>	<b>280-289</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>0</b>	<b>0</b>	<b>3</b>
<b>MENTAL DISORDERS</b>	<b>290-319</b>	<b>0</b>	<b>2</b>	<b>11</b>	<b>6</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>6</b>	<b>14</b>	<b>33</b>
-Psychoses	290-299	0	0	0	1	1	0	0	0	0	0	1
-Non- Psychotic Disorders	300-302, 306-316	0	2	11	5	18	0	0	6	6	12	30

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

(Continued)

Oak Ridge National Laboratory 2002

**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											
-Alcohol Dependence	303	0	0	0	0	0	0	0	2	0	2	2
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>0</b>	<b>6</b>	<b>9</b>	<b>14</b>	<b>29</b>	<b>0</b>	<b>3</b>	<b>15</b>	<b>16</b>	<b>34</b>	<b>63</b>
-Other Disorders of Central NS	340-349	0	1	1	2	4	0	0	3	1	4	8
-Disorders of Peripheral NS	350-359	0	3	2	1	6	0	1	2	7	10	16
-Disorders of Eye	360-379	0	0	3	6	9	0	0	4	6	10	19
-Dis of Ear & Mastoid	380-389	0	2	3	5	10	0	2	6	2	10	20
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>7</b>	<b>21</b>	<b>0</b>	<b>4</b>	<b>23</b>	<b>28</b>	<b>55</b>	<b>76</b>
-Hypertens- ive Dis	401-405	0	0	7	4	11	0	2	6	11	19	30
-Ischemic Heart Dis	410-414	0	0	0	1	1	0	0	1	10	11	12
-Dis of Pulmonary Circulation	415-417	0	0	0	0	0	0	1	1	0	2	2
-Other Heart Dis	420-429	0	0	6	0	6	0	0	6	2	8	14
-Cerebrova- sular Dis	430-438	0	0	0	1	1	0	0	0	1	1	2

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

(Continued)

Oak Ridge National Laboratory 2002

**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											
-Dis of Arteries & Capillaries	440-448	0	0	0	0	0	0	0	1	0	1	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	1	1	2	0	1	8	4	13	15
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>0</b>	<b>6</b>	<b>63</b>	<b>41</b>	<b>110</b>	<b>6</b>	<b>32</b>	<b>82</b>	<b>67</b>	<b>187</b>	<b>297</b>
-Acute Respiratory Infections	460-466	0	1	11	11	23	2	8	18	16	44	67
-Other Dis Upper Respiratory Tract	470-478	0	2	28	11	41	0	12	24	17	53	94
-Pneumonia & Influenza	480-487	0	2	8	6	16	3	4	15	13	35	51
-Chronic Obstructive Dis	490-496	0	1	14	13	28	1	7	22	21	51	79
-Other Respiratory Dis	510-519	0	0	2	0	2	0	1	3	0	4	6
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>0</b>	<b>9</b>	<b>15</b>	<b>18</b>	<b>42</b>	<b>1</b>	<b>9</b>	<b>30</b>	<b>35</b>	<b>75</b>	<b>117</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	3	2	5	1	2	7	2	12	17
-Esophagus, Stomach, Duodenum	530-537	0	1	2	2	5	0	0	1	6	7	12

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

(Continued)

Oak Ridge National Laboratory 2002

**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											
-Appendici- tis	540-543	0	1	0	0	1	0	0	1	0	1	2
-Hernia	550-553	0	0	1	1	2	0	1	7	4	12	14
-Enteritis, Colitis	555-558	0	4	5	5	14	0	2	11	6	19	33
-Other Intestinal Dis	560-569	0	1	0	3	4	0	4	1	9	14	18
-Other Digestive Dis	570-579	0	2	4	5	11	0	0	2	8	10	21
<b>GENITOURIN- ARY SYSTEM</b>	<b>580-629</b>	<b>0</b>	<b>6</b>	<b>21</b>	<b>8</b>	<b>35</b>	<b>0</b>	<b>3</b>	<b>7</b>	<b>14</b>	<b>24</b>	<b>59</b>
-Other Urinary Dis	590-599	0	2	3	2	7	0	2	7	9	18	25
-Male Genital Organ Dis	600-608	0	0	0	0	0	0	1	0	5	6	6
-Breast Disorders	610-611	0	0	1	0	1	0	0	0	0	0	1
-Other Female Disorders	617-629	0	4	17	6	27	0	0	0	0	0	27
<b>SKIN &amp; SUBCUTANEO- US TISSUE</b>	<b>680-709</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>7</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>11</b>	<b>18</b>
-Infections	680-686	0	0	0	0	0	0	1	1	0	2	2
-Other Inflammato- ry Conditions	690-698	0	0	2	1	3	0	1	1	2	4	7
-Other	700-709	0	1	0	3	4	0	1	2	2	5	9

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

(Continued)

Oak Ridge National Laboratory 2002

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

Diagnostic Category		Women					Men					Total
		Age Group				Total	Age Group				Total	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>0</b>	<b>0</b>	<b>37</b>	<b>24</b>	<b>61</b>	<b>1</b>	<b>16</b>	<b>57</b>	<b>57</b>	<b>131</b>	<b>192</b>
-Arthropathies	710-719	0	0	7	7	14	1	6	27	23	57	71
-Dorsopathies	720-724	0	0	14	7	21	0	7	22	22	51	72
-Rheumatism, Excluding Back	725-729	0	0	15	7	22	0	3	8	11	22	44
-Other Dis & Acquired Deformities	730-739	0	0	1	3	4	0	0	0	1	1	5
<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>1</b>	<b>0</b>	<b>2</b>	<b>2</b>
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	<b>0</b>	<b>2</b>	<b>12</b>	<b>9</b>	<b>23</b>	<b>1</b>	<b>4</b>	<b>10</b>	<b>15</b>	<b>30</b>	<b>53</b>
-Symptoms	780-789	0	2	12	8	22	1	4	10	15	30	52
-Non-Specific Abnormal Findings	790-796	0	0	0	1	1	0	0	0	0	0	1
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>4</b>	<b>10</b>	<b>20</b>	<b>11</b>	<b>45</b>	<b>1</b>	<b>20</b>	<b>36</b>	<b>41</b>	<b>98</b>	<b>143</b>
-Fracture - Skull	800-804	0	1	0	0	1	0	0	0	0	0	1
-Fracture - Neck, Trunk	805-809	1	1	1	2	5	0	1	3	3	7	12

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

(Continued)

Oak Ridge National Laboratory 2002

**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											
-Fracture - Upper Limb	810-819	0	1	1	0	2	0	2	3	0	5	7
-Fracture - Lower Limb	820-829	0	2	0	1	3	0	0	2	0	2	5
-Dislocati- on	830-839	0	0	1	0	1	0	3	1	3	7	8
-Sprains & Strains - Back	846-847	0	3	8	5	16	1	6	11	14	32	48
-Sprains & Strains - Other	840-845, 848	0	0	1	1	2	0	7	10	12	29	31
-Intracran- ial Injury	850-854	0	0	0	0	0	0	0	0	1	1	1
-Open Wound Head, Neck, Trunk	870-879	1	0	0	0	1	0	0	0	0	0	1
-Open Wound Upper Limb	880-887	0	0	2	0	2	0	0	3	0	3	5
-Open Wound Lower Limb	890-897	0	0	0	0	0	0	0	0	1	1	1
-Superfici- al Injury	910-919	1	0	1	0	2	0	0	0	0	0	2
-Contusion	920-924	1	0	4	1	6	0	1	3	4	8	14
-Complicat- ions & Unspecified Injuries	958-959	0	0	0	0	0	0	0	0	1	1	1
-Toxic Effects - Non- Medicinal	980-989	0	1	0	0	1	0	0	0	0	0	1

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

(Continued)

Oak Ridge National Laboratory 2002

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

		Women					Men					Tot- al
		Age Group					Age Group					
		16 - 29	30 - 39	40 - 49	50 +	Tot- al	16 - 29	30 - 39	40 - 49	50 +	Tot- al	
Diagnostic Category	ICD-9-CM Code											
-Unspecifi- ed Effects External Causes	990-995	0	1	0	1	2	0	0	0	2	2	4
-Complicat- ions of Surgical/M- edical Care	996-999	0	0	1	0	1	0	0	0	0	0	1
<b>HEALTH STATUS/HEA- LTH SERVICE CONTACT</b>	<b>V01-V82</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>7</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>11</b>
-Health Services Reproducti- on/Develop- ment	V20-V29	0	2	1	0	3	0	3	0	0	3	6
-Specific Procedures- /Aftercare	V50-V59	0	1	0	3	4	0	0	1	0	1	5
<b>Total</b>		<b>4</b>	<b>47</b>	<b>233</b>	<b>162</b>	<b>446</b>	<b>11</b>	<b>105</b>	<b>293</b>	<b>322</b>	<b>731</b>	<b>1177</b>

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

Oak Ridge National Laboratory 2002

**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	235	8	251	0	11	129	122	262	513
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	74	543	617	0	0	75	244	319	936
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	275	148	423	0	0	21	195	216	639
ENDOCRINE/- METABOLIC/- IMMUNITY	240-279	0	0	31	149	180	7	37	157	224	425	605
BLOOD & BLOOD- FORMING ORGANS	280-289	0	13	56	6	75	0	0	0	0	0	75
MENTAL DISORDERS	290-319	0	12	185	108	305	0	0	232	194	426	731
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	138	260	181	579	0	42	193	439	674	1253
CIRCULATORY SYSTEM	390-459	0	0	127	160	287	0	64	442	622	1128	1415
RESPIRATORY SYSTEM	460-519	0	22	388	365	775	54	168	524	513	1259	2034
DIGESTIVE SYSTEM	520-579	0	89	265	217	571	6	125	258	325	714	1285
GENITOURIN- ARY SYSTEM	580-629	0	104	737	152	993	0	59	156	170	385	1378
SKIN & SUBCUTANEO- US TISSUE	680-709	0	17	17	29	63	0	10	163	21	194	257

\*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)



Oak Ridge National Laboratory 2002

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

		Women					Men					Tot- al
		Age Group					Age Group					
		16 - 29	30 - 39	40 - 49	50 +	Tot- al	16 - 29	30 - 39	40 - 49	50 +	Tot- al	
Diagnostic Category	ICD-9-CM Code											
MUSCULOSKE- LETAL & CONNECTIVE TISSUE	710-739	0	0	887	493	1380	10	381	1341	2587	4319	5699
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	0	1	45	0	46	46
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	19	160	144	323	1	66	53	211	331	654
INJURY & POISONING	800-999	69	406	223	169	867	13	155	774	1424	2366	3233

\*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									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	Oper- ators	
Diagnostic Category	ICD-9-CM Code										
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	<b>9</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>18</b>
-Intestinal Infectious Dis	001-009	0	0	1	0	0	0	0	0	0	1
-Other Bacterial Dis	030-041	4	0	1	0	0	0	1	2	0	8
-Other Viral Dis & Chlamydiae	070-079	4	0	0	0	0	1	0	3	0	8
-Rickettsios- es & Other Arthropod	080-088	1	0	0	0	0	0	0	0	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230- 234</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>5</b>
-Breast	174-175	2	0	0	0	0	0	0	0	0	2
-Genitourina- ry	179-189	0	0	2	0	0	0	0	0	0	2
-Carcinoma in situ	230-234	0	0	0	0	0	0	0	1	0	1
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235- 239</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>12</b>
<b>ENDOCRINE/ME- TABOLIC/IMMU- NITY</b>	<b>240-279</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>9</b>
-Thyroid Gland Disorders	240-246	1	0	0	0	0	0	0	0	0	1

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

(Continued)

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

		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	Oper- ators	
Diagnostic Category	ICD-9-CM Code										
-Other Endocrine Gland Dis	250-259	0	0	0	0	0	0	0	2	0	2
-Other Metabolic & Immunity Disorders	270-279	1	0	0	1	0	0	0	4	0	6
<b>BLOOD &amp; BLOOD FORMING ORGANS</b>	<b>280-289</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>
<b>MENTAL DISORDERS</b>	<b>290-319</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>19</b>
-Psychoses	290-299	1	0	0	0	0	0	0	0	0	1
-Non- Psychotic Disorders	300-302, 306- 316	3	1	3	0	0	1	0	10	0	18
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>10</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>29</b>
-Other Disorders of Central NS	340-349	0	1	1	0	0	1	0	1	0	4
-Disorders of Peripheral NS	350-359	1	0	0	1	0	1	0	3	0	6
-Disorders of Eye	360-379	5	0	1	0	1	0	0	2	0	9
-Dis of Ear & Mastoid	380-389	4	0	2	1	0	1	0	2	0	10
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>5</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>21</b>

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

(Continued)

Oak Ridge National Laboratory 2002

**Appendix J. 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	Oper- ators	
Diagnostic Category	ICD-9-CM Code										
-Hypertensive Dis	401-405	3	0	3	1	0	0	0	2	2	11
-Ischemic Heart Dis	410-414	0	0	1	0	0	0	0	0	0	1
-Other Heart Dis	420-429	1	0	2	0	0	0	0	3	0	6
-Cerebrovasc- ular Dis	430-438	0	1	0	0	0	0	0	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	1	0	0	0	0	0	0	1	0	2
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>44</b>	<b>2</b>	<b>20</b>	<b>7</b>	<b>3</b>	<b>10</b>	<b>2</b>	<b>22</b>	<b>0</b>	<b>110</b>
-Acute Respiratory Infections	460-466	9	1	4	1	1	1	0	6	0	23
-Other Dis Upper Respiratory Tract	470-478	12	0	9	2	2	6	2	8	0	41
-Pneumonia & Influenza	480-487	7	1	4	2	0	1	0	1	0	16
-Chronic Obstructive Dis	490-496	15	0	3	2	0	2	0	6	0	28
-Other Respiratory Dis	510-519	1	0	0	0	0	0	0	1	0	2
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>15</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>10</b>	<b>2</b>	<b>42</b>

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

(Continued)

Oak Ridge National Laboratory 2002

## Appendix J. 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	Oper- ators	
Diagnostic Category	ICD-9-CM Code										
-Oral Cavity, Saliva Glands, Jaw	520-529	1	1	1	0	0	0	1	1	0	5
-Esophagus, Stomach, Duodenum	530-537	0	0	1	0	0	1	0	2	1	5
-Appendicitis	540-543	0	0	1	0	0	0	0	0	0	1
-Hernia	550-553	2	0	0	0	0	0	0	0	0	2
-Enteritis, Colitis	555-558	4	0	3	0	0	0	1	6	0	14
-Other Intestinal Dis	560-569	1	0	1	0	0	1	0	1	0	4
-Other Digestive Dis	570-579	7	0	1	0	2	0	0	0	1	11
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>16</b>	<b>0</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>35</b>
-Other Urinary Dis	590-599	2	0	2	0	0	1	0	2	0	7
-Breast Disorders	610-611	0	0	0	0	0	0	0	0	1	1
-Other Female Disorders	617-629	14	0	3	4	0	1	0	5	0	27
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>7</b>
-Other Inflammatory Conditions	690-698	1	0	1	0	0	0	0	1	0	3
-Other	700-709	3	0	0	0	0	0	0	1	0	4

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

(Continued)

Oak Ridge National Laboratory 2002

**Appendix J. 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	Oper- ators	
Diagnostic Category	ICD-9-CM Code										
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>30</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>14</b>	<b>0</b>	<b>61</b>
-Arthropathies	710-719	10	0	0	0	2	1	0	1	0	14
-Dorsopathies	720-724	7	0	3	0	0	5	1	5	0	21
-Rheumatism, Excluding Back	725-729	10	1	1	2	0	1	0	7	0	22
-Other Dis & Acquired Deformities	730-739	3	0	0	0	0	0	0	1	0	4
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED CONDITIONS</b>	<b>780-799</b>	<b>7</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>23</b>
-Symptoms	780-789	7	0	5	0	0	2	2	5	1	22
-Non-Specific Abnormal Findings	790-796	0	0	0	0	0	0	0	0	1	1
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>15</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>2</b>	<b>13</b>	<b>1</b>	<b>45</b>
-Fracture - Skull	800-804	0	0	0	0	1	0	0	0	0	1
-Fracture - Neck, Trunk	805-809	2	0	0	0	1	1	1	0	0	5
-Fracture - Upper Limb	810-819	0	0	1	0	1	0	0	0	0	2
-Fracture - Lower Limb	820-829	1	0	1	0	1	0	0	0	0	3

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

(Continued)

Oak Ridge National Laboratory 2002

**Appendix J. 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	Oper- ators	
Diagnostic Category	ICD-9-CM Code										
-Dislocation	830-839	1	0	0	0	0	0	0	0	0	1
-Sprains & Strains - Back	846-847	6	1	1	0	0	1	0	6	1	16
-Sprains & Strains - Other	840-845, 848	0	0	0	0	1	0	0	1	0	2
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	1	0	0	0	1
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	2	0	2
-Superficial Injury	910-919	1	0	0	0	0	1	0	0	0	2
-Contusion	920-924	2	0	0	0	0	1	1	2	0	6
-Toxic Effects - Non Medicinal	980-989	1	0	0	0	0	0	0	0	0	1
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	0	2	0	2
-Complicatio- ns of Surgical/Med- ical Care	996-999	1	0	0	0	0	0	0	0	0	1
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V82</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>7</b>

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

(Continued)

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

		Women									
		Job Category									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	
Diagnostic Category	ICD-9-CM Code										
-Health Services Reproduction- /Development	V20-V29	2	0	1	0	0	0	0	0	0	3
-Specific Procedures/A- ftercare	V50-V59	3	0	0	0	0	0	0	1	0	4
Total		175	9	66	17	13	35	10	113	8	446

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

(Continued)



Oak Ridge National Laboratory 2002

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

		Men								
		Job Category								Total
		Man- age- ment	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code									
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	<b>4</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>28</b>
-Intestinal Infectious Dis	001-009	0	0	0	0	0	1	0	0	1
-Other Bacterial Dis	030-041	2	0	0	0	0	0	0	0	2
-Viral Dis with Exanthem	050-057	0	0	2	1	0	1	0	0	4
-Other Viral Dis & Chlamydiae	070-079	1	2	5	0	3	2	3	2	18
-Rickettsios- es & Other Arthropod	080-088	0	0	0	0	0	0	1	0	1
-Mycoses	110-118	1	0	0	0	0	1	0	0	2
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230- 234</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>14</b>
-Lip, Oral Cavity, Pharynx	140-149	0	0	2	0	0	0	0	0	2
-Digestive & Peritoneal	150-159	0	0	1	0	0	0	0	0	1
-Bone, Connective Tissue, Skin	170-173, 176	1	0	0	3	0	1	0	0	5
-Genitourina- ry	179-189	0	0	2	1	1	1	0	0	5
-Lymphatic & Hematopoietic	200-208	0	0	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 J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\*

		Men								
		Job Category								Total
		Man- age- ment	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code									
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235- 239</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>7</b>
<b>ENDOCRINE/ME- TABOLIC/IMMU- NITY</b>	<b>240-279</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>3</b>	<b>0</b>	<b>17</b>
-Thyroid Gland Disorders	240-246	1	0	0	0	0	0	1	0	2
-Other Endocrine Gland Dis	250-259	2	0	0	1	1	4	2	0	10
-Other Metabolic & Immunity Disorders	270-279	0	1	0	0	0	4	0	0	5
<b>MENTAL DISORDERS</b>	<b>290-319</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>7</b>	<b>4</b>	<b>0</b>	<b>14</b>
-Non- Psychotic Disorders	300-302, 306- 316	0	0	0	0	1	7	4	0	12
-Alcohol Dependence	303	0	0	2	0	0	0	0	0	2
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>1</b>	<b>3</b>	<b>8</b>	<b>0</b>	<b>1</b>	<b>16</b>	<b>5</b>	<b>0</b>	<b>34</b>
-Other Disorders of Central NS	340-349	0	0	2	0	0	2	0	0	4
-Disorders of Peripheral NS	350-359	1	1	4	0	0	3	1	0	10
-Disorders of Eye	360-379	0	2	2	0	0	5	1	0	10

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

(Continued)

Oak Ridge National Laboratory 2002

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

		Men								
		Job Category								Total
		Man- age- ment	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code									
-Dis of Ear & Mastoid	380-389	0	0	0	0	1	6	3	0	10
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>6</b>	<b>2</b>	<b>10</b>	<b>4</b>	<b>7</b>	<b>17</b>	<b>6</b>	<b>3</b>	<b>55</b>
-Hypertensive Dis	401-405	1	1	3	1	3	5	3	2	19
-Ischemic Heart Dis	410-414	3	1	2	1	0	4	0	0	11
-Dis of Pulmonary Circulation	415-417	0	0	0	1	1	0	0	0	2
-Other Heart Dis	420-429	0	0	4	1	1	1	1	0	8
-Cerebrovascular Dis	430-438	0	0	1	0	0	0	0	0	1
-Dis of Arteries & Capillaries	440-448	0	0	0	0	0	0	1	0	1
-Dis of Veins, Lymphatics, Other	451-459	2	0	0	0	2	7	1	1	13
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>11</b>	<b>14</b>	<b>20</b>	<b>9</b>	<b>23</b>	<b>56</b>	<b>45</b>	<b>9</b>	<b>187</b>
-Acute Respiratory Infections	460-466	4	3	6	3	5	9	12	2	44
-Other Dis Upper Respiratory Tract	470-478	3	4	8	4	6	14	12	2	53

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

(Continued)

Oak Ridge National Laboratory 2002

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

		Men								
		Job Category								Total
		Man- age- ment	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code									
-Pneumonia & Influenza	480-487	1	4	2	1	5	11	8	3	35
-Chronic Obstructive Dis	490-496	3	2	2	1	7	21	13	2	51
-Other Respiratory Dis	510-519	0	1	2	0	0	1	0	0	4
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>1</b>	<b>9</b>	<b>17</b>	<b>6</b>	<b>9</b>	<b>11</b>	<b>19</b>	<b>3</b>	<b>75</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	0	1	2	2	2	2	2	1	12
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0	1	6	0	7
-Appendicitis	540-543	0	0	0	0	1	0	0	0	1
-Hernia	550-553	0	2	5	2	0	2	1	0	12
-Enteritis, Colitis	555-558	0	4	1	0	2	5	6	1	19
-Other Intestinal Dis	560-569	1	1	3	0	4	1	3	1	14
-Other Digestive Dis	570-579	0	1	6	2	0	0	1	0	10
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>5</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>6</b>	<b>1</b>	<b>24</b>
-Other Urinary Dis	590-599	5	0	1	0	2	5	4	1	18
-Male Genital Organ Dis	600-608	0	0	2	1	0	1	2	0	6

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

(Continued)

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

		Men								
		Job Category								Total
		Man- age- ment	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code									
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>11</b>
-Infections	680-686	0	0	0	1	0	1	0	0	2
-Other Inflammatory Conditions	690-698	0	0	1	1	0	0	0	2	4
-Other	700-709	0	0	0	1	1	1	1	1	5
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>7</b>	<b>10</b>	<b>16</b>	<b>9</b>	<b>22</b>	<b>32</b>	<b>31</b>	<b>4</b>	<b>131</b>
-Arthropathi- es	710-719	2	5	11	1	14	11	10	3	57
-Dorsopathies	720-724	3	4	3	6	2	14	18	1	51
-Rheumatism, Excluding Back	725-729	2	0	2	2	6	7	3	0	22
-Other Dis & Acquired Deformities	730-739	0	1	0	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>2</b>	<b>0</b>	<b>0</b>	<b>2</b>
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED CONDITIONS</b>	<b>780-799</b>	<b>2</b>	<b>2</b>	<b>7</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>3</b>	<b>1</b>	<b>30</b>
-Symptoms	780-789	2	2	7	0	3	12	3	1	30
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>2</b>	<b>3</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>43</b>	<b>28</b>	<b>2</b>	<b>98</b>

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

(Continued)

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

		Men								
		Job Category								Total
		Man- age- ment	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code									
-Fracture - Neck, Trunk	805-809	1	0	0	1	1	2	2	0	7
-Fracture - Upper Limb	810-819	0	0	0	0	1	3	1	0	5
-Fracture - Lower Limb	820-829	0	0	0	0	0	2	0	0	2
-Dislocation	830-839	0	2	0	1	0	3	1	0	7
-Sprains & Strains - Back	846-847	1	1	2	2	1	13	12	0	32
-Sprains & Strains - Other	840-845, 848	0	0	4	0	2	13	10	0	29
-Intracranial Injury	850-854	0	0	0	1	0	0	0	0	1
-Open Wound - Upper Limb	880-887	0	0	0	0	1	2	0	0	3
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	1	0	1
-Contusion	920-924	0	0	1	1	1	2	1	2	8
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	0	1	0	0	1
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	2	0	0	2
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V82</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>4</b>

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

(Continued)

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

		Men								
		Job Category								Total
		Man- age- ment	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code									
-Health Services Reproduction- /Development	V20-V29	0	0	0	0	0	2	1	0	3
-Specific Procedures/A- ftercare	V50-V59	0	0	0	1	0	0	0	0	1
Total		43	46	104	46	81	225	158	28	731

\*Only those diagnostic categories and gender/job category combinations 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- ve	Mana- geme- nt	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	173	0	8	0	0	3	5	62	0	251
MALIGNANT NEOPLASMS	140-208, 230- 234	28	0	543	0	0	0	0	46	0	617
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	235	64	0	0	0	26	0	98	0	423
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	72	0	0	18	0	0	0	90	0	180
BLOOD & BLOOD FORMING ORGANS	280-289	6	0	69	0	0	0	0	0	0	75
MENTAL DISORDERS	290-319	81	7	62	0	0	13	0	142	0	305
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	77	57	40	26	7	42	0	330	0	579
CIRCULATORY SYSTEM	390-459	63	57	25	20	0	0	0	112	10	287
RESPIRATORY SYSTEM	460-519	289	13	204	42	9	59	6	153	0	775
DIGESTIVE SYSTEM	520-579	321	11	95	0	30	9	17	58	30	571
GENITOURINARY SYSTEM	580-629	586	0	111	109	0	17	0	169	1	993
SKIN & SUBCUTANEOUS TISSUE	680-709	33	0	7	0	0	0	0	23	0	63

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

(Continued)



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

		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	Oper- ators	
Diagnostic Category	ICD-9-CM Code										
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	601	35	26	35	21	180	34	448	0	1380
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	27	0	158	0	0	4	24	100	10	323
INJURY & POISONING	800-999	144	7	69	0	168	66	70	340	3	867

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

(Continued)

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

		Men								
		Job Category								Total
		Man- age- ment	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code									
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	87	14	43	7	61	23	24	3	262
MALIGNANT NEOPLASMS	140-208, 230- 234	14	0	202	23	4	76	0	0	319
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	0	0	14	0	0	174	28	0	216
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	7	7	0	142	28	227	14	0	425
MENTAL DISORDERS	290-319	0	0	47	0	90	203	86	0	426
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	5	46	82	0	8	478	55	0	674
CIRCULATORY SYSTEM	390-459	181	12	114	69	164	393	172	23	1128
RESPIRATORY SYSTEM	460-519	66	74	99	44	184	312	377	103	1259
DIGESTIVE SYSTEM	520-579	6	61	164	50	113	80	218	22	714
GENITOURINARY SYSTEM	580-629	73	0	129	1	40	72	59	11	385
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	115	9	18	30	7	15	194
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	233	368	225	240	475	1489	1154	135	4319

\*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)

Oak Ridge National Laboratory 2002

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

		Men								
		Job Category								Total
		Man- gemen- t	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code									
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	46	0	0	46
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	17	15	80	0	21	166	18	14	331
INJURY & POISONING	800-999	21	23	154	119	46	1645	343	15	2366

\*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 2002

**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 1999 to 2002**

Rate per 1,000

Year	All Diagnoses Combined					
	Men			Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1999	54	63	75	81	98	120
2000	105	123	144	124	152	187
2001	83	97	113	155	193	241
2002	212	248	290	251	296	350

**Part 2. Age-Adjusted Rates for Selected Diagnostic Categories by Gender from 1999 to 2002**

Rate per 1,000 Men

Men	Nervous System			Chronic Respiratory			Muscles & Skeleton			Injury		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	1	2	4	3	5	7	10	13	17	4	6	8
2000	3	5	7	3	5	7	19	23	29	15	25	42
2001	3	4	7	4	6	9	16	20	25	12	22	37
2002	6	8	12	10	19	35	28	38	53	22	32	47

Rate per 1,000 Women

Women	Nervous System			Chronic Respiratory			Muscles & Skeleton			Injury		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	4	7	12	6	10	18	7	11	16	4	7	12
2000	2	9	33	9	13	19	20	28	39	11	16	24
2001	6	17	48	6	10	17	17	24	34	16	32	64
2002	12	18	27	10	14	21	25	33	43	37	69	129

(Continued)

Oak Ridge National Laboratory 2002

**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 1999 to 2002**

Rate per 1,000 Men

Men	Administrative			Management			Professional			Engineering		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	11	81	576	19	35	65	26	41	64	13	21	32
2000	37	114	352	46	70	105	30	45	67	24	34	48
2001	20	85	367	44	67	101	35	52	77	28	39	55
2002	0	0	0	55	209	785	121	226	422	88	108	132

Year	Scientists			Technicians			Crafts			Laborers		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	13	21	35	74	114	176	158	206	269	99	139	196
2000	29	41	58	160	218	297	249	302	367	219	294	394
2001	17	26	39	84	114	154	193	240	299	268	347	450
2002	39	52	71	200	277	382	396	479	580	709	866	1057

Year	Operators			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper
1999	62	115	216	1	5	38
2000	287	782	2134	11	35	113
2001	89	156	272	*	*	*
2002	257	379	560	*	*	*

Rate per 1,000 Women

Women	Administrative			Management			Professional			Engineering		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	89	114	146	30	65	140	42	114	307	1	7	52
2000	136	197	287	33	68	138	44	78	136	27	70	185
2001	184	249	336	24	48	99	50	73	106	46	100	214
2002	230	294	376	27	56	115	122	158	205	90	147	239

Year	Scientists			Technicians			Crafts			Laborers		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	12	29	71	59	99	168	152	387	989	171	255	380
2000	19	46	114	132	206	320	293	562	1079	345	479	664
2001	21	46	98	71	122	209	79	192	466	407	567	790
2002	46	80	140	166	279	469	191	359	674	957	1194	1490

Year	Operators			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper
1999	0	0	0	15	35	86
2000	110	340	1056	1	4	31
2001	0	0	0	*	*	*
2002	354	714	1440	*	*	*

\*No workers in this category.

Oak Ridge National Laboratory 2002

**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	28	8.0	5.3	11.9
Malignant Neoplasms	140-208, 230-234	14	4.1	2.4	7.1
-Digestive Organs	150-159	1	0.2	0.0	1.4
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	5	1.4	0.5	3.5
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	1	0.2	0.0	1.5
Benign Neoplasms & Other	210-229, 235-239	7	1.4	0.7	2.9
Endocrine & Metabolic Diseases	240-279	17	10.0	3.3	30.2
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	14	3.0	1.8	5.2
-Alcoholism	303	2	0.4	0.1	1.7
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	34	8.1	5.7	11.6
Circulatory System	390-459	55	12.6	9.5	16.7
-Hypertension	401	19	4.6	2.8	7.4
-Acute Myocardial Infarction	410	3	0.6	0.2	1.9
-Ischemic Disease, not M.I.	411-414, 429.2	8	1.5	0.8	3.1
-Cerebrovascular Disease	430-438	1	0.2	0.0	1.4
Respiratory System	460-519	187	81.1	57.8	113.9
-Upper Respiratory	460-465, 470-478	97	36.4	23.3	56.9
-Pneumonia/Bronchitis	466, 480-487	35	24.9	11.7	53.4
-Chronic Respiratory Conditions	490-496	51	18.6	10.0	34.5
Digestive System	520-579	75	23.8	14.5	38.9
-Hernias	550-553	12	3.1	1.7	5.7
-Gallbladder Disease	574-575	7	1.4	0.7	2.9
Genitourinary System	580-629	24	6.8	4.4	10.5
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	11	3.1	1.6	5.9
Musculoskeletal System	710-739	131	38.3	27.7	53.0
-Dorsopathies	720-724	51	13.3	9.9	17.9
Congenital Anomalies	740-759	2	0.7	0.2	3.1
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	30	13.6	6.0	31.2
Injury & Poisoning	800-999	98	31.8	21.6	46.7
-Fractures, All Sites	800-829	14	3.7	2.1	6.6
-Dislocations	830-839	7	2.3	1.0	5.1
-Sprains & Strains	840-848	61	21.7	12.7	37.2
-Intracranial Injuries	850-854	1	0.2	0.0	1.4
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	4	0.8	0.3	2.2
-Other Injuries	900-999	11	3.1	1.6	5.8
Health Status/Health Serv Contact	V01-V82	4	1.7	0.6	4.7
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	3	1.5	0.5	4.6
-Specific Procedure/Aftercare	V50-V59	1	0.2	0.0	1.5
<b>Total</b>		<b>731</b>	<b>248.1</b>	<b>212.2</b>	<b>290.1</b>

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

(Continued)

Oak Ridge National Laboratory 2002

**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	18	8.4	5.2	13.6
Malignant Neoplasms	140-208, 230-234	5	2.4	1.0	5.8
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	2	0.9	0.2	3.4
-Genitourinary	179-189	2	1.1	0.3	4.5
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	12	6.7	3.6	12.6
Endocrine & Metabolic Diseases	240-279	9	4.8	2.5	9.2
Blood & Blood-Forming Organs	280-289	3	1.9	0.6	6.2
Mental Disorders	290-319	19	10.7	6.6	17.6
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	29	17.9	12.2	26.5
Circulatory System	390-459	21	10.8	6.8	17.2
-Hypertension	401	11	6.1	3.1	11.9
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	1	0.6	0.1	4.0
-Cerebrovascular Disease	430-438	1	0.6	0.1	4.0
Respiratory System	460-519	110	58.8	48.1	71.9
-Upper Respiratory	460-465, 470-478	64	34.4	26.3	44.8
-Pneumonia/Bronchitis	466, 480-487	16	9.5	5.5	16.2
-Chronic Respiratory Conditions	490-496	28	14.2	9.7	20.7
Digestive System	520-579	42	26.3	19.0	36.5
-Hernias	550-553	2	1.0	0.2	4.0
-Gallbladder Disease	574-575	10	6.6	3.3	13.2
Genitourinary System	580-629	35	19.7	13.8	28.2
-Endometriosis	617	1	0.9	0.1	6.4
-Ovarian Cysts	620.0-620.2	1	0.4	0.1	3.0
-Female Genital Pain/Bleeding	625-626	3	1.3	0.4	4.0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	7	4.9	2.1	11.1
Musculoskeletal System	710-739	61	32.8	24.9	43.3
-Dorsopathies	720-724	21	9.9	6.4	15.3
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	16.4	10.2	26.3
Injury & Poisoning	800-999	45	68.7	36.6	128.9
-Fractures, All Sites	800-829	11	17.8	5.3	60.1
-Dislocations	830-839	1	0.4	0.1	3.0
-Sprains & Strains	840-848	18	10.8	6.5	17.9
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	3	11.7	1.9	71.9
-Other Injuries	900-999	12	28.0	9.5	82.6
Health Status/Health Serv Contact	V01-V82	7	4.8	2.2	10.3
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	3	2.2	0.7	7.2
-Specific Procedure/Aftercare	V50-V59	4	2.6	0.9	7.0
<b>Total</b>		<b>446</b>	<b>296.2</b>	<b>250.5</b>	<b>350.1</b>

\* 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)

Oak Ridge National 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	46	8.4	6.1	11.4
Malignant Neoplasms	140-208, 230-234	19	3.9	2.4	6.2
-Digestive Organs	150-159	1	0.1	0.0	1.0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	2	0.3	0.1	1.1
-Genitourinary	179-189	7	1.3	0.6	2.9
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	1	0.1	0.0	1.0
Benign Neoplasms & Other	210-229, 235-239	19	2.9	1.8	4.6
Endocrine & Metabolic Diseases	240-279	26	8.1	3.2	20.2
Blood & Blood-Forming Organs	280-289	3	0.6	0.2	2.0
Mental Disorders	290-319	33	5.4	3.7	7.7
-Alcoholism	303	2	0.3	0.1	1.1
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	63	11.0	8.5	14.4
Circulatory System	390-459	76	12.0	9.5	15.2
-Hypertension	401	30	4.9	3.4	7.2
-Acute Myocardial Infarction	410	3	0.4	0.1	1.3
-Ischemic Disease, not M.I.	411-414, 429.2	9	1.3	0.7	2.5
-Cerebrovascular Disease	430-438	2	0.3	0.1	1.1
Respiratory System	460-519	297	72.4	56.0	93.6
-Upper Respiratory	460-465, 470-478	161	34.7	25.2	47.8
-Pneumonia/Bronchitis	466, 480-487	51	19.6	10.3	37.4
-Chronic Respiratory Conditions	490-496	79	17.0	10.7	26.9
Digestive System	520-579	117	24.3	17.3	34.1
-Hernias	550-553	14	2.5	1.4	4.4
-Gallbladder Disease	574-575	17	2.9	1.8	4.9
Genitourinary System	580-629	59	11.1	8.4	14.6
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	1	0.3	0.0	2.2
-Ovarian Cysts	620.0-620.2	1	0.1	0.0	1.0
-Female Genital Pain/Bleeding	625-626	3	0.4	0.1	1.3
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	18	3.4	2.1	5.6
Musculoskeletal System	710-739	192	35.9	28.2	45.7
-Dorsopathies	720-724	72	12.3	9.6	15.7
Congenital Anomalies	740-759	2	0.5	0.1	2.0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	53	13.9	7.9	24.3
Injury & Poisoning	800-999	143	44.3	30.4	64.5
-Fractures, All Sites	800-829	25	8.5	3.5	20.4
-Dislocations	830-839	8	1.7	0.8	3.5
-Sprains & Strains	840-848	79	18.0	11.6	28.0
-Intracranial Injuries	850-854	1	0.1	0.0	1.0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	7	4.5	0.9	22.2
-Other Injuries	900-999	23	11.5	4.7	28.2
Health Status/Health Serv Contact	V01-V82	11	2.6	1.4	4.9
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	6	1.7	0.8	3.9
-Specific Procedure/Aftercare	V50-V59	5	0.9	0.3	2.3
<b>Total</b>		<b>1177</b>	<b>260.5</b>	<b>231.7</b>	<b>292.8</b>

\* 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 2002

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

Diagnostic Category	Administrative 487 Person-Years				Management 454 Person-Years				Professional 547 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	108	1.3	1.0	1.6	37	0.5	0.3	0.6	65	0.6	0.5	0.8
Infectious & Parasitic Diseases	9	1.9	0.7	4.8	4	0.8	0.3	2.0	4	0.5	0.2	1.5
Malignant Neoplasms	1	0.5	0.1	4.1	1	0.4	0.1	3.5	2	1.1	0.2	5.3
Benign & Uncertain Neoplasms	5	1.2	0.4	3.9	1	0.5	0.1	3.6	0			
Endocrine/Metabolic/Immunity	2	1.3	0.2	8.8	1	0.5	0.1	3.7	1	0.4	0.1	3.1
Mental Disorders	3	0.4	0.1	1.3	1	0.3	0.05	2.4	2	0.4	0.1	1.6
Nervous System & Sense Organs	8	0.7	0.3	1.5	2	0.3	0.1	1.3	7	0.8	0.3	1.7
Circulatory System	5	0.6	0.2	1.7	7	0.8	0.4	1.9	6	0.7	0.3	1.6
Respiratory System	37	1.2	0.8	1.9	12	0.5	0.3	0.8	25	0.7	0.5	1.1
Digestive System	14	1.0	0.5	1.9	2	0.2	0.04	0.7	15	1.1	0.6	1.9
Genitourinary System	15	1.6	0.8	3.2	3	0.5	0.2	1.8	4	0.4	0.1	1.1
Skin & Subcutaneous Tissue	3	1.5	0.3	7.5	0				1	0.4	0.04	3.4
Musculoskeletal & Connective Tissue	19	1.4	0.7	2.6	7	0.4	0.2	0.8	12	0.6	0.3	1.1
Symptoms, Signs, & Ill-Defined Conditions	6	0.7	0.3	1.8	2	0.4	0.1	1.6	7	1.0	0.4	2.3
Injury & Poisoning	12	0.9	0.4	1.9	3	0.2	0.1	0.7	5	0.3	0.1	0.7
-Fracture-Neck, Trunk	1	0.4	0.04	4.7	1	0.9	0.1	7.0	0			
-Sprains & Strains-Back	6	1.1	0.4	3.3	2	0.4	0.1	1.5	2	0.3	0.1	1.2
-Sprains & Strains-Other	0				0				0			
-Contusion	2	1.0	0.1	7.2	0				0			

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

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

\*\*\*CI = Confidence Limit

(Continued)

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

Diagnostic Category	Engineering 710 Person-Years				Scientists 789 Person-Years				Technicians 380 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	77	0.7	0.5	0.8	38	0.3	0.2	0.4	69	1.2	0.9	1.5
Infectious & Parasitic Diseases	7	1.0	0.4	2.3	1	0.1	0.01	0.7	4	1.0	0.4	2.8
Malignant Neoplasms	4	1.7	0.5	5.8	3	1.0	0.3	3.7	1	1.0	0.1	7.2
Benign & Uncertain Neoplasms	1	0.4	0.05	3.5	0				2	1.5	0.4	6.8
Endocrine/Metabolic/Immunity	1	0.3	0.1	1.9	1	0.2	0.03	1.8	1	0.6	0.1	4.7
Mental Disorders	1	0.2	0.03	1.9	0				2	0.9	0.2	3.7
Nervous System & Sense Organs	7	0.8	0.4	1.7	1	0.1	0.01	0.6	4	0.7	0.3	2.1
Circulatory System	9	0.7	0.4	1.5	4	0.3	0.1	0.7	6	1.2	0.5	2.7
Respiratory System	22	0.5	0.3	0.8	11	0.2	0.1	0.4	25	1.2	0.8	1.8
Digestive System	13	0.8	0.4	1.4	8	0.4	0.2	0.8	10	1.1	0.6	2.3
Genitourinary System	6	0.9	0.4	2.1	1	0.1	0.01	0.8	4	0.9	0.3	2.5
Skin & Subcutaneous Tissue	1	0.3	0.04	2.9	2	0.7	0.1	3.2	1	0.7	0.1	5.1
Musculoskeletal & Connective Tissue	12	0.4	0.2	0.8	7	0.2	0.1	0.5	17	1.6	0.9	2.6
Symptoms, Signs, & Ill-Defined Conditions	6	0.8	0.3	2.0	0				4	0.9	0.3	2.6
Injury & Poisoning	6	0.2	0.1	0.6	5	0.2	0.1	0.5	8	0.7	0.3	1.5
-Fracture-Neck, Trunk	0				2	1.0	0.2	4.4	2	2.0	0.4	10.6
-Sprains & Strains-Back	2	0.2	0.05	0.9	2	0.2	0.04	0.8	2	0.5	0.1	1.9
-Sprains & Strains-Other	4	0.6	0.2	1.8	1	0.2	0.02	0.9	1	0.4	0.04	2.9
-Contusion	1	0.5	0.1	3.9	1	0.4	0.05	3.5	2	1.8	0.4	7.9

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

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

\*\*\*CI = Confidence Limit

(Continued)

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

Diagnostic Category	Crafts 344 Person-Years				Laborers 227 Person-Years				Operators 65 Person-Years				Total Persons with 1+ Even t
	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	126	2.9	2.4	3.6	118	3.6	3.0	4.5	20	2.0	1.3	3.2	658
Infectious & Parasitic Diseases	5	1.5	0.6	3.8	8	4.0	1.8	8.7	2	3.2	0.8	13.3	44
Malignant Neoplasms	2	1.3	0.3	5.6	1	1.3	0.2	10.1	0				15
Benign & Uncertain Neoplasms	4	6.2	1.5	25.6	5	6.6	2.3	19.1	0				18
Endocrine/Metabolic/Immunity	7	11.7	3.3	41.9	3	3.2	0.9	11.3	0				17
Mental Disorders	7	7.4	2.5	21.9	11	11.8	5.4	25.8	0				27
Nervous System & Sense Organs	16	7.1	3.5	14.5	12	4.6	2.4	8.8	0				57
Circulatory System	13	2.5	1.3	4.7	10	3.3	1.7	6.5	4	3.8	1.4	10.3	64
Respiratory System	39	2.7	1.9	4.0	49	4.3	3.2	6.0	7	2.0	0.9	4.3	227
Digestive System	11	1.5	0.8	2.8	20	4.2	2.6	6.9	4	2.8	1.0	7.6	97
Genitourinary System	6	2.4	0.9	6.3	10	4.4	2.2	8.8	2	3.8	0.9	15.7	51
Skin & Subcutaneous Tissue	2	2.1	0.4	10.1	3	4.0	1.1	14.5	2	10.0	2.2	45.2	15
Musculoskeletal & Connective Tissue	27	2.7	1.7	4.1	29	4.7	3.1	7.1	4	1.9	0.7	5.1	134
Symptoms, Signs, & Ill-Defined Conditions	11	4.3	2.1	8.9	8	3.3	1.6	7.1	2	3.2	0.8	13.1	46
Injury & Poisoning	38	7.3	4.6	11.5	31	7.0	4.5	10.7	2	1.1	0.3	4.3	110
-Fracture-Neck, Trunk	3	4.6	1.2	17.7	2	4.2	0.9	20.1	0				11
-Sprains & Strains-Back	13	6.0	2.8	13.0	14	8.1	4.2	15.9	1	1.5	0.2	10.2	44
-Sprains & Strains-Other	11	6.5	2.8	15.2	10	10.4	4.6	23.5	0				27
-Contusion	3	4.2	1.2	15.4	2	3.6	0.8	17.3	1	6.4	0.8	50.1	12

\* 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.

Oak Ridge National 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	
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Job Category										
Administrative	0	1	4	5	0	0	0	0	0	5
Management	0	0	1	1	0	0	1	1	2	3
Professional	0	1	1	2	0	0	1	2	3	5
Engineering	0	1	0	1	0	1	2	3	6	7
Scientists	2	0	0	2	0	2	2	2	6	8
Technicians	2	1	1	4	0	3	4	3	10	14
Crafts	0	1	1	2	0	0	9	22	31	33
Laborers	0	4	6	10	3	3	8	5	19	29
Operators	0	1	0	1	0	1	2	1	4	5
Total	4	10	14	28	3	10	29	39	81	109

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

Oak Ridge National Laboratory 2002

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	0	0	0	3	41	1	3	41	1
30 - 39	4	0	0	11	231	8	15	231	8
40 - 49	10	24	94	30	404	149	40	428	243
50 +	16	129	219	41	138	654	57	267	873
Total	30	153	313	85	814	812	115	967	1125



Oak Ridge National 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									
Administrative	5	0	0	0	0	0	5	0	0
Management	1	0	0	2	0	0	3	0	0
Professional	2	0	0	3	0	1	5	0	1
Engineering	1	0	0	6	1	0	7	1	0
Scientists	2	0	0	6	0	0	8	0	0
Technicians	4	0	0	10	111	0	14	111	0
Crafts	2	86	94	34	306	505	36	392	599
Laborers	12	67	219	20	353	263	32	420	482
Operators	1	0	0	4	43	43	5	43	43
Total	30	153	313	85	814	812	115	967	1125

Oak Ridge National Laboratory 2002

OSHA Data

**Appendix S. 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>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	1	0	1	0	1	0	1	2	3
-Disorders of Peripheral NS	350-359	0	1	0	1	0	0	0	0	0	1
-Disorders of Eye	360-379	0	0	0	0	0	0	0	1	1	1
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	1	0	0	1	1
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	0	0	0	0	0	1	0	5	6	6
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	1	0	1	2	2
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	0	3	3	3
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	1	1	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	0	0	0	0	0	0	1	1	1
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	1	1	1
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	2	6	6	14	0	2	13	14	29	43
-Arthropathies	710-719	1	2	2	5	0	1	2	7	10	15

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

(Continued)

Oak Ridge National Laboratory 2002

OSHA Data

**Appendix S. 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										
-Dorsopathies	720-724	0	1	1	2	0	1	3	2	6	8
-Rheumatism, Excluding Back	725-729	1	3	3	7	0	0	8	5	13	20
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED CONDITIONS</b>	<b>780-799</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>7</b>	<b>7</b>
-Symptoms	780-789	0	0	0	0	0	1	3	3	7	7
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>3</b>	<b>10</b>	<b>24</b>	<b>37</b>	<b>5</b>	<b>9</b>	<b>30</b>	<b>38</b>	<b>82</b>	<b>119</b>
-Fracture - Skull	800-804	0	0	0	0	0	0	1	0	1	1
-Fracture - Upper Limb	810-819	0	0	0	0	0	1	0	1	2	2
-Fracture - Lower Limb	820-829	0	1	0	1	0	0	0	1	1	2
-Dislocation	830-839	0	0	0	0	0	0	0	1	1	1
-Sprains & Strains - Back	846-847	2	4	1	7	0	2	6	10	18	25
-Sprains & Strains - Other	840-845, 848	0	1	8	9	2	1	8	7	18	27
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	1	0	0	1	1
-Open Wound - Upper Limb	880-887	0	0	0	0	3	4	4	7	18	18
-Open Wound - Lower Limb	890-897	0	1	0	1	0	0	0	0	0	1

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

(Continued)

Oak Ridge National Laboratory 2002

OSHA Data

**Appendix S. 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	0	0	1	1	0	0	2	1	3	4
-Contusion	920-924	1	3	13	17	0	0	4	2	6	23
-Crushing Injury	925-929	0	0	0	0	0	0	0	2	2	2
-Foreign Body Entering Orifice	930-939	0	0	1	1	0	0	1	1	2	3
-Burns	940-949	0	0	0	0	0	0	4	1	5	5
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0	0	3	3	3
-Toxic Effects - Non Medicinal	980-989	0	0	0	0	0	0	0	1	1	1
Total		5	17	30	52	5	14	46	62	127	179

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

Oak Ridge National Laboratory 2002

OSHA Data

**Appendix T. 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
-Arthropathies	710-719	0	0	0	41	0	0
-Dorsopathies	720-724	0	0	0	0	0	90
-Rheumatism, Excluding Back	725-729	0	0	0	41	86	94
-Fracture - Lower Limb	820-829	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	7	7	0	4
-Sprains & Strains - Other	840-845, 848	0	0	0	46	15	0
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	2	1
-Contusion	920-924	0	0	17	0	28	31
-Foreign Body Entering Orifice	930-939	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)

Oak Ridge National Laboratory 2002

OSHA Data

**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
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	0	0
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	0	43
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	43
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	66	114	30	82
-Dorsopathies	720-724	0	0	43	0	0	0	0	105
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	13	1
-Symptoms	780-789	0	0	1	1	0	0	0	214
-Fracture - Skull	800-804	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)

Oak Ridge National Laboratory 2002

OSHA Data

**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								
-Fracture - Upper Limb	810-819	0	0	173	7	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	171
-Dislocation	830-839	0	0	0	0	0	0	0	90
-Sprains & Strains - Back	846-847	0	0	43	0	260	34	24	9
-Sprains & Strains - Other	840-845, 848	41	1	14	0	119	115	41	358
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	41	1	0	0	9	0	0	0
-Superficial Injury	910-919	0	0	0	0	16	0	0	0
-Contusion	920-924	0	0	0	0	16	1	0	171
-Crushing Injury	925-929	0	0	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0
-Burns	940-949	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)

Oak Ridge National Laboratory 2002

OSHA Data

**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								
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	0	0	60	48
-Toxic Effects - Non Medicinal	980-989	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.



Oak Ridge National Laboratory 2002

OSHA Data

**Appendix U. 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										
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0	0	1	1	1
Falls	E880-E888	1	4	5	10	1	0	1	5	7	17
Fire	E890-E899	0	0	0	0	0	0	0	1	1	1
Natural/Environmental Factors	E900-E909	0	0	0	0	0	1	1	2	4	4
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0	1	1	2	2
Other Accidents	E916-E928	3	6	11	20	3	10	27	29	69	89
Late Effects of Accident	E929	0	0	0	0	1	0	0	0	1	1
Adverse Effect - Medicinal/Biological	E930-E949	0	0	0	0	0	1	0	0	1	1

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

Oak Ridge National Laboratory 2002

OSHA Data

**Appendix V. 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						
Falls	E880-E888	0	0	17	46	26	30
Other Accidents	E916-E928	0	0	7	48	103	189

\*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)

Oak Ridge National Laboratory 2002

OSHA Data

**Appendix V. 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								
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	0	1	0	261
Fire	E890-E899	0	0	0	0	0	0	0	43
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	0	0	0
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	41	1	231	8	404	148	138	350
Late Effects of Accident	E929	41	1	0	0	0	0	0	0
Adverse Effect - Medicinal/Bi- ological	E930-E949	0	0	0	0	0	0	0	0

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

Oak Ridge National Laboratory 2002

OSHA Data

**Appendix W. 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	Oper- ators	
Diagnostic Category	ICD-9-CM Code										
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	0	0	1	0	0	0	0	0	1
-Disorders of Peripheral NS	350-359	0	0	0	1	0	0	0	0	0	1
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	0	3	0	1	1	2	1	5	1	14
-Arthropathi- es	710-719	0	2	0	0	1	0	0	2	0	5
-Dorsopathies	720-724	0	0	0	1	0	0	0	1	0	2
-Rheumatism, Excluding Back	725-729	0	1	0	0	0	2	1	2	1	7
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	9	3	4	1	2	2	2	14	0	37
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	1	0	0	1
-Sprains & Strains - Back	846-847	0	0	1	1	2	0	1	2	0	7
-Sprains & Strains - Other	840-845, 848	3	2	1	0	0	0	0	3	0	9
-Open Wound - Lower Limb	890-897	1	0	0	0	0	0	0	0	0	1
-Superficial Injury	910-919	0	0	0	0	0	0	0	1	0	1

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

(Continued)

Oak Ridge National Laboratory 2002

OSHA Data

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

		Women									
		Job Category									Total
		Admi- nist- rative	Mana- gemen- t	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code										
-Contusion	920-924	5	1	2	0	0	2	0	7	0	17
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	1	0	1
Total		9	6	4	3	3	4	3	19	1	52

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

(Continued)

Oak Ridge National Laboratory 2002

OSHA Data

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

		Men								
		Job Category								Total
		Man- age- ment	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code									
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	0	0	0	1	1	0	0	2
-Disorders of Eye	360-379	0	0	0	0	0	1	0	0	1
-Dis of Ear & Mastoid	380-389	0	0	0	0	1	0	0	0	1
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	0	0	0	0	1	1	0	4	6
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	1	1	0	0	2
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	0	3	3
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	1	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	0	0	0	0	0	1	0	1
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	1	0	1
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	1	0	2	7	5	6	5	3	29
-Arthropathi- es	710-719	0	0	2	2	2	2	2	0	10

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

(Continued)

Oak Ridge National Laboratory 2002

OSHA Data

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

		Men								
		Job Category								Total
		Man- age- ment	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code									
-Dorsopathies	720-724	0	0	0	2	1	2	0	1	6
-Rheumatism, Excluding Back	725-729	1	0	0	3	2	2	3	2	13
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED CONDITIONS</b>	<b>780-799</b>									
-Symptoms	780-789	2	0	0	0	0	2	1	2	7
<b>INJURY &amp; POISONING</b>	<b>800-999</b>									
-Fracture - Skull	800-804	0	0	0	0	0	1	0	0	1
-Fracture - Upper Limb	810-819	0	0	0	0	0	1	1	0	2
-Fracture - Lower Limb	820-829	0	0	0	0	0	1	0	0	1
-Dislocation	830-839	0	0	0	0	0	1	0	0	1
-Sprains & Strains - Back	846-847	1	1	0	0	2	10	3	1	18
-Sprains & Strains - Other	840-845, 848	0	1	1	2	2	6	6	0	18
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	1	0	0	0	1
-Open Wound - Upper Limb	880-887	0	0	3	1	2	6	6	0	18

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

(Continued)

Oak Ridge National Laboratory 2002

OSHA Data

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

		Men								
		Job Category								Total
		Man- age- ment	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Diagnostic Category	ICD-9-CM Code									
-Superficial Injury	910-919	1	1	0	0	0	0	1	0	3
-Contusion	920-924	0	1	1	0	0	3	1	0	6
-Crushing Injury	925-929	0	0	0	0	2	0	0	0	2
-Foreign Body Entering Orifice	930-939	0	0	1	0	0	0	1	0	2
-Burns	940-949	0	0	0	0	1	4	0	0	5
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	0	3	0	0	3
-Toxic Effects - Non Medicinal	980-989	0	0	0	1	0	0	0	0	1
<b>Total</b>		<b>5</b>	<b>4</b>	<b>8</b>	<b>11</b>	<b>17</b>	<b>46</b>	<b>26</b>	<b>10</b>	<b>127</b>

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



Oak Ridge National 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-rative		Manageme-nt		Professi-onal		Engineer-ing		Scientis-ts		Technici-ans		Crafts		Laborers		Operators	
		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
Diagnostic Category	ICD-9-CM Codes																		
-Disorders of Peripheral NS	350-359	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	0	0	0	41	0	0
-Dorsopathies	720-724	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0	0	0	0	0	86	94	0	41	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0	0	0	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	0	0	7	11	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	46	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
-Superficial Injury	910-919	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
-Contusion	920-924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	31	0	0
-Foreign Body Entering Orifice	930-939	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)

Oak Ridge National Laboratory 2002

OSHA Data

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

		Men															
		Job Category															
		Managem- ent		Professi- onal		Engineer- ing		Scientis- ts		Technici- ans		Crafts		Laborers		Operators	
		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
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	0	0
-Dis of Ear & Mastoid	380-389	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Chronic Obstructive Dis	490-496	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Arthropathi- es	710-719	0	0	0	0	0	0	0	0	0	0	0	1	96	195	0	0
-Dorsopathies	720-724	0	0	0	0	0	0	0	0	0	0	0	105	0	0	43	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0	0	0	13	1	0	0	0	0
-Symptoms	780-789	0	0	0	0	0	0	0	0	0	0	0	171	1	1	0	43
-Fracture - Skull	800-804	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)

Oak Ridge National Laboratory 2002

OSHA Data

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

		Men															
		Job Category															
		Managem-ent		Professi-onal		Engineer-ing		Scientis-ts		Technici-ans		Crafts		Laborers		Operators	
		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
Diagnostic Category	ICD-9-CM Codes																
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0	0	0	0	0	173	7	0	0
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0	0	0	0	171	0	0	0	0
-Dislocation	830-839	0	0	0	0	0	0	0	0	0	0	0	90	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	0	111	0	170	38	3	5	43	0
-Sprains & Strains - Other	840-845, 848	0	0	0	1	1	0	0	0	0	0	63	223	151	250	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	50	1	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0
-Contusion	920-924	0	0	0	1	0	0	0	0	0	0	0	171	16	0	0	0
-Crushing Injury	925-929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Burns	940-949	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)

Oak Ridge National Laboratory 2002

OSHA Data

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

		Men															
		Job Category															
		Managem- ent		Professi- onal		Engineer- ing		Scientis- ts		Technici- ans		Crafts		Laborers		Operators	
		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
Diagnostic Category	ICD-9-CM Codes																
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	0	0	0	0	0	0	60	48	0	0	0	0
-Toxic Effects - Non Medicinal	980-989	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.

Oak Ridge National Laboratory 2002

OSHA Data

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

		Women									
		Job Category									Total
		Admi- nist- rative	Mana- gemen- t	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators	
Type of Accident	E CODES										
Falls	E880-E888	2	1	1	0	0	2	0	4	0	10
Other Accidents	E916-E928	3	0	1	1	2	2	2	8	1	20

		Men									
		Job Category									Total
		Mana- gemen- t	Prof- essi- onal	Engi- neer- ing	Scie- ntis- ts	Tech- nici- ans	Craf- ts	Labo- rers	Oper- ators		
Type of Accident	E CODES										
Motor Vehicle Traffic	E810-E819	0	1	0	0	0	0	0	0	0	1
Falls	E880-E888	0	1	0	1	2	2	1	0	0	7
Fire	E890-E899	0	0	0	0	0	0	0	0	1	1
Natural/Envi- ronmental Factors	E900-E909	1	1	0	1	1	0	0	0	0	4
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	1	0	0	0	1	0	0	2
Other Accidents	E916-E928	1	0	5	4	7	31	18	3	0	69
Late Effects of Accident	E929	0	0	0	0	0	0	1	0	0	1
Adverse Effect - Medicinal/Bi- ological	E930-E949	0	0	0	0	1	0	0	0	0	1

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

Oak Ridge National Laboratory 2002  
 OSHA Data

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

		Women																	
		Job Category																	
		Administ-rative		Manageme-nt		Professi-onal		Engineer-ing		Scientis-ts		Technici-ans		Crafts		Laborers		Operators	
		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
Type of Accident	E Codes																		
Falls	E880-E888	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	76	0	0
Other Accidents	E916-E928	0	0	0	0	0	0	0	0	0	0	0	0	86	94	24	143	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.

(Continued)

Oak Ridge National Laboratory 2002

OSHA Data

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

		Men															
		Job Category															
		Managem- ent		Professi- onal		Engineer- ing		Scientis- ts		Technici- ans		Crafts		Laborers		Operators	
		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
Type of Accident	E Codes																
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	1	0	0	0	0	0	0	0	261	0	0	0	0
Fire	E890-E899	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	0	0	1	0	0	0	111	0	306	244	353	263	43	0
Late Effects of Accident	E929	0	0	0	0	0	0	0	0	0	0	0	0	41	1	0	0
Adverse Effect - Medicinal/Bi- ological	E930-E949	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Oak Ridge National 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 1999 to 2002**

Rate per 1,000 Women

Women	Administrative			Management			Professional			Engineering		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	19	31	49	0	0	0	13	32	81	11	32	101
2000	23	36	55	33	70	146	13	31	73	1	9	64
2001	12	29	70	0	0	0	11	22	41	0	0	0
2002	6	11	21	32	70	156	3	8	23	8	24	73

	Scientists			Technicians			Crafts			Laborers		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	6	19	60	5	16	50	113	323	927	27	60	133
2000	0	0	0	31	61	122	77	170	379	138	210	320
2001	0	0	0	15	46	140	13	50	202	168	266	421
2002	5	16	49	9	25	69	36	115	364	101	162	260

	Operators			Unknown		
Year	Lower	Mid	Upper	Lower	Mid	Upper
1999	0	0	0	1	6	46
2000	50	199	794	0	0	0
2001	0	0	0	*	*	*
2002	16	114	806	*	*	*

Rate per 1,000 Men

Men	Administrative			Management			Professional			Engineering		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	11	81	576	1	4	13	5	13	33	4	8	17
2000	7	50	352	2	5	13	3	9	23	3	6	12
2001	0	0	0	11	27	64	4	10	21	11	18	29
2002	0	0	0	3	7	17	4	16	59	4	8	17

	Scientists			Technicians			Crafts			Laborers		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1999	11	18	30	40	84	177	82	112	153	140	209	311
2000	2	5	14	13	25	48	85	117	162	82	126	193
2001	6	12	24	9	22	53	107	153	218	135	181	243
2002	7	12	22	30	49	80	47	63	84	144	253	446

	Operators			Unknown		
Year	Lower	Mid	Upper	Lower	Mid	Upper
1999	44	88	177	5	16	50
2000	11	36	115	0	0	0
2001	16	44	122	*	*	*
2002	85	162	311	*	*	*

\*No workers in this category.

**Part 2. Age-Adjusted Rates for Injury by Gender from 1999 to 2002**

Rate per 1,000

	Injury Men			Injury Women		
Year	Lower	Mid	Upper	Lower	Mid	Upper
1999	22	31	44	9	14	20
2000	17	25	34	18	25	33
2001	20	24	30	12	19	28
2002	27	46	78	16	22	31



Oak Ridge National 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	0.7	0.2	3.1
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	6	2.2	1.0	5.1
-Upper Respiratory	460-465, 470-478	2	0.7	0.2	3.1
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	3	1.2	0.4	3.6
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	1	0.4	0.1	2.8
Musculoskeletal System	710-739	29	6.4	4.4	9.4
-Dorsopathies	720-724	6	1.5	0.6	3.6
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	7	1.9	0.9	4.2
Injury & Poisoning	800-999	82	45.8	26.8	78.3
-Fractures, All Sites	800-829	4	1.1	0.4	3.2
-Dislocations	830-839	1	0.2	0.0	1.4
-Sprains & Strains	840-848	36	18.9	8.3	43.0
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	19	21.2	8.7	51.6
-Other Injuries	900-999	22	4.4	2.9	6.7
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>127</b>	<b>57.4</b>	<b>37.3</b>	<b>88.5</b>

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

(Continued)

Oak Ridge National 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	1	0.4	0.1	3.0
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
-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	14	7.7	4.5	13.3
-Dorsopathies	720-724	2	1.0	0.2	4.0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	0	0	0	0
Injury & Poisoning	800-999	37	22.2	15.7	31.3
-Fractures, All Sites	800-829	1	0.4	0.1	3.0
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	16	9.0	5.4	14.9
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	0.4	0.1	3.0
-Other Injuries	900-999	19	12.3	7.5	20.2
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>52</b>	<b>30.3</b>	<b>22.7</b>	<b>40.5</b>

\* 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)

Oak Ridge National 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	3	0.6	0.2	2.0
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	6	1.7	0.7	3.8
-Upper Respiratory	460-465, 470-478	2	0.5	0.1	2.0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	3	0.9	0.3	2.8
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	1	0.3	0.0	2.2
Musculoskeletal System	710-739	43	6.8	5.0	9.3
-Dorsopathies	720-724	8	1.3	0.6	2.7
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	7	1.3	0.6	3.0
Injury & Poisoning	800-999	119	37.1	23.8	57.7
-Fractures, All Sites	800-829	5	0.9	0.3	2.3
-Dislocations	830-839	1	0.1	0.0	1.0
-Sprains & Strains	840-848	52	15.5	7.9	30.3
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	20	14.2	5.9	34.3
-Other Injuries	900-999	41	6.3	4.6	8.7
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>179</b>	<b>47.8</b>	<b>33.8</b>	<b>67.8</b>

\* 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 2002

OSHA Data

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

Diagnostic Category	Administrative 487 Person-Years				Management 454 Person-Years				Professional 547 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	5	0.3	0.1	0.8	3	0.2	0.1	0.7	5	0.3	0.1	0.8
Musculoskeletal & Connective Tissue	0				2	0.7	0.2	2.8	0			
Injury & Poisoning	5	0.4	0.1	1.1	3	0.3	0.1	0.8	5	0.4	0.2	1.0
-Sprains & Strains-Back	0				1	0.3	0.04	2.2	2	0.5	0.1	2.4
-Sprains & Strains-Other	3	0.7	0.2	3.0	1	0.4	0.1	2.4	2	0.5	0.1	2.3
-Open Wound-Upper Limb	0				0				0			
-Contusion	2	0.3	0.1	1.4	1	0.7	0.1	4.5	3	1.0	0.3	3.5

Diagnostic Category	Engineering 710 Person-Years				Scientists 789 Person-Years				Technicians 380 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	7	0.3	0.1	0.6	8	0.3	0.1	0.6	14	1.5	0.8	2.6
Musculoskeletal & Connective Tissue	2	0.4	0.1	1.6	3	0.5	0.2	1.8	4	1.9	0.6	5.4
Injury & Poisoning	6	0.3	0.1	0.7	6	0.3	0.1	0.7	10	1.2	0.6	2.4
-Sprains & Strains-Back	1	0.2	0.03	1.3	2	0.3	0.1	1.4	2	0.9	0.2	3.8
-Sprains & Strains-Other	1	0.2	0.02	1.5	2	0.4	0.1	1.7	2	0.8	0.2	3.4
-Open Wound-Upper Limb	3	0.7	0.2	2.6	1	0.2	0.02	1.5	2	1.0	0.2	4.7
-Contusion	1	0.4	0.1	3.9	0				2	1.5	0.3	6.9

Diagnostic Category	Crafts 344 Person-Years				Laborers 227 Person-Years				Operators 65 Person-Years				Tota l Pers ons with 1+ Even t
	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	33	5.1	3.2	8.1	29	6.3	4.0	9.8	5	2.9	1.2	7.1	109
Musculoskeletal & Connective Tissue	5	2.8	1.0	7.8	6	5.2	2.1	12.9	4	12.2	4.1	36.4	26
Injury & Poisoning	28	5.8	3.5	9.6	24	6.4	3.9	10.6	1	0.7	0.1	4.9	88
-Sprains & Strains-Back	11	10.1	4.0	25.7	5	4.9	1.8	13.4	1	2.6	0.3	19.9	25
-Sprains & Strains-Other	5	3.3	1.1	9.7	9	8.7	3.6	21.0	0				25
-Open Wound-Upper Limb	6	6.2	2.0	20.0	5	6.3	2.0	19.9	0				17
-Contusion	3	5.6	1.1	27.5	5	6.6	2.3	19.3	0				17

\* 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