

## Appendix A. Number of Workers in Each Occupational Group by Age and Sex

	Sex												
	Women						Men						
	Age Group					Total	Age Group					Total	Total
	16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Occupational Group													
Management	0	1	3	0	1	5	0	11	34	23	5	73	78
Administration	3	10	6	3	1	23	1	48	55	35	8	147	170
Professional	27	70	41	13	0	151	43	151	130	65	21	410	561
Engineering, Scientific and Health Care	25	49	20	4	1	99	69	143	78	40	23	353	452
Technical Support	20	25	9	2	0	56	25	68	31	9	4	137	193
Clerical	118	100	106	34	11	369	21	20	12	9	3	65	434
Service	17	14	19	9	1	60	25	40	38	19	6	128	188
Security	1	1	1	0	0	3	1	4	10	3	0	18	21
Craft and Repair	3	12	4	1	0	20	39	58	74	51	11	233	253
Nuclear Specialties	9	13	12	7	0	41	42	55	60	24	7	188	229
Total	223	295	221	73	15	827	266	598	522	278	88	1752	2579

## Appendix B. Total Number of Workers Who Reported at Least One Health Event by Sex, Age and Occupational Group

	Sex												
	Women						Men						
	Age Group					Total	Age Group					Total	Total
	16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Occupational Group													
Management	0	0	0	0	0	0	0	1	0	1	1	3	3
Administration	0	2	1	0	0	3	0	2	4	3	0	9	12
Professional	4	8	4	2	0	18	2	8	12	7	4	33	51
Engineering, Scientific and Health Care	6	13	3	1	0	23	5	7	5	3	1	21	44
Technical Support	6	3	3	0	0	12	2	7	2	0	0	11	23
Clerical	21	20	15	3	2	61	1	0	1	0	1	3	64
Service	7	4	6	1	0	18	6	9	4	3	0	22	40
Security	0	1	0	0	0	1	0	1	0	0	0	1	2
Craft and Repair	2	8	2	0	0	12	6	9	14	12	5	46	58
Nuclear Specialties	5	9	6	2	0	22	13	21	14	9	3	60	82
Total	51	68	40	9	2	170	35	65	56	38	15	209	379

## Appendix C. Total Number of Health Events by Sex, Age and Occupational Groups

	Sex												
	Women						Men						
	Age Group					Total	Age Group					Total	Total
	16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Occupational Group													
Management	0	0	0	0	0	0	0	1	0	1	1	3	3
Administration	0	3	1	0	0	4	0	2	4	3	0	9	13
Professional	4	8	5	2	0	19	2	8	17	8	4	39	58
Engineering, Scientific and Health Care	6	13	3	2	0	24	5	8	5	4	1	23	47
Technical Support	9	4	3	0	0	16	2	7	2	0	0	11	27
Clerical	26	25	16	4	2	73	1	0	1	0	1	3	76
Service	9	5	9	1	0	24	6	9	4	4	0	23	47
Security	0	2	0	0	0	2	0	1	0	0	0	1	3
Craft and Repair	4	12	2	0	0	18	8	9	15	17	7	56	74
Nuclear Specialties	14	16	7	5	0	42	17	26	17	11	3	74	116
Total	72	88	46	14	2	222	41	71	65	48	17	242	464

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

	Sex											
	Women					Men						
	Age Group					Age Group					Total	
	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	
# of Calendar Days												
< 15	16	19	14	8	0	57	10	18	21	14	5	68
15 - 28	21	24	12	3	0	60	18	23	19	12	3	75
29 - 42	7	14	5	0	0	26	6	8	8	3	3	28
43 - 56	5	5	6	0	1	17	3	8	0	4	0	15
57 - 91	18	19	3	2	0	42	3	9	8	10	3	33
92 - 182	3	5	5	0	0	13	1	4	8	4	3	20
183 +	2	2	1	1	1	7	0	1	1	1	0	3
Total	72	88	46	14	2	222	41	71	65	48	17	242

	Sex																				
	Women										Men										
	Occupation										Occupation										
	Admin- istra- tion	Profe- ssional	Engin- eerin- g, Scienc- ific	Techn- ical	Cleri- cal	Servi- ce	Secur- ity	Craft and Repair	Nucle- ar Speci- alties	Total	Manag- ement	Admin- istra- tion	Profe- ssional	Health Care	Suppo- rt	Cleri- cal	Servi- ce	Secur- ity	Craft and Repair	Nucle- ar Speci- alties	Total
# of calendar Days																					
< 15	0	6	5	5	20	6	0	7	8	57	3	0	17	10	7	0	4	1	12	14	68
15 - 28	1	4	7	5	15	10	1	3	14	60	0	5	6	4	3	3	8	0	21	25	75
29 - 42	0	5	1	0	8	1	1	3	7	26	0	0	6	5	1	0	2	0	5	9	28
43 - 56	0	0	1	2	10	2	0	0	2	17	0	0	1	3	0	0	1	0	4	6	15
57 - 91	3	3	6	2	17	2	0	4	5	42	0	3	7	0	0	0	5	0	8	10	33
92 - 182	0	1	2	1	2	2	0	1	4	13	0	1	1	1	0	0	3	0	5	9	20
183 +	0	0	2	1	1	1	0	0	2	7	0	0	1	0	0	0	0	0	1	1	3
Total	4	19	24	16	73	24	2	18	42	222	3	9	39	23	11	3	23	1	56	74	242

Diagnostic Category	ICD9-CM Code	Sex												
		Women						Men						
		Age Group					Total	Age Group					Total	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Infectious & Parasitic Diseases	001-139	4	1	2	3	0	10	6	3	3	1	2	15	25
-Intestinal Infections	001-009	0	0	0	0	0	0	0	1	1	1	0	3	3
-Other Bacterial Diseases	030-041	0	0	0	1	0	1	4	0	0	0	1	5	6
-Viral Diseases with Exanthem	050-057	1	1	0	1	0	3	0	1	0	0	0	1	4
-Other Viral Diseases & Chlamydiae	070-079	3	0	2	1	0	6	2	1	2	0	1	6	12
Malignant Neoplasms	140-208, 230-234	0	1	2	2	0	5	0	0	0	5	0	5	10
-Digestive Organs	150-159	0	0	1	0	0	1	0	0	0	1	0	1	2
-Respiratory System	160-165	0	0	0	0	0	0	0	0	0	1	0	1	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0	0	0	0	0	1	0	1	1
-Breast	174-175	0	0	0	2	0	2	0	0	0	0	0	0	2
-Genitourinary	179-189	0	1	0	0	0	1	0	0	0	1	0	1	2
-Leukemia, Lymphoma	200-208	0	0	1	0	0	1	0	0	0	1	0	1	2
Benign & Other Neoplasms	210-229, 235-239	1	2	5	1	0	9	1	3	3	0	0	7	16

(CONTINUED)

Diagnostic Category	ICD9-CM Code	Sex													
		Women						Men							
		Age Group					Total	Age Group					Total		
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +			
Endocrine & Metabolic Diseases	240-279	3	3	3	0	0	9	0	1	4	2	1	8	17	
-Thyroid Gland	240-246	1	2	1	0	0	4	0	0	0	0	0	0	4	
-Other Endocrine Glands	250-259	1	0	2	0	0	3	0	1	2	0	0	3	6	
-Other Metabolic & Immunity Disorders	270-279	1	1	0	0	0	2	0	0	2	2	1	5	7	
Blood & Blood-Forming Organs	280-289	1	0	1	0	0	2	0	0	1	0	1	2	4	
Mental Disorders	290-319	3	23	6	1	0	33	4	4	3	7	0	18	51	
-Psychotic Conditions	290-299	0	2	0	0	0	2	1	0	0	2	0	3	5	
-Non-Psychotic Conditions	300-302, 306-316	3	20	6	1	0	30	2	2	1	3	0	8	38	
-Alcohol Dependence	303	0	0	0	0	0	0	1	1	0	2	0	4	4	
-Drug Dependence	304-305	0	1	0	0	0	0	1	0	1	2	0	0	3	4
Nervous System & Sense Organs	320-389	1	7	8	4	0	20	0	6	5	3	0	14	34	
-Other Disorders of CNS	340-349	0	4	2	0	0	6	0	0	1	0	0	1	7	
-Disorders of Peripheral NS	350-359	1	1	3	0	0	5	0	0	1	0	0	1	6	
-Disorders of Eye	360-379	0	1	0	2	0	3	0	1	0	1	0	2	5	

(CONTINUED)

## Appendix F. Number of Health Conditions in Each Diagnostic Category by Sex and Age Group

Diagnostic Category	ICD9-CM Code	Sex												
		Women						Men						
		Age Group					Total	Age Group					Total	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
-Diseases of Ear & Mastoid	380-389	0	1	3	2	0	6	0	5	3	2	0	10	16
Circulatory System	390-459	0	4	1	0	0	5	0	2	16	6	4	28	33
-Hypertensive Disease	401-405	0	2	1	0	0	3	0	0	6	1	1	8	11
-Ischemic Heart Disease	410-414	0	0	0	0	0	0	0	0	5	5	1	11	11
-Diseases of Pulmonary Circulation	415-417	0	0	0	0	0	0	0	0	1	0	0	1	1
-Other Heart Disease	420-429	0	0	0	0	0	0	0	0	2	0	0	2	2
-Cerebrovascular Disease	430-438	0	1	0	0	0	1	0	0	0	0	0	0	1
-Diseases of Arteries & Capillaries	440-448	0	0	0	0	0	0	0	1	1	0	1	3	3
-Diseases of Veins, Lymphatics, Other	451-459	0	1	0	0	0	1	0	1	1	0	1	3	4
Respiratory System	460-519	21	26	11	5	0	63	11	14	14	3	3	45	108
-Acute Respiratory Infections	460-466	5	4	2	0	0	11	5	4	4	1	1	15	26
-Other Diseases Upper Respiratory Tract	470-478	8	6	2	4	0	20	2	1	3	2	0	8	28
-Pneumonia and Influenza	480-487	2	7	3	0	0	12	0	3	2	0	0	5	17
-Chronic Obstructive Diseases	490-496	3	8	4	1	0	16	2	5	4	0	2	13	29

(CONTINUED)

## Appendix F. Number of Health Conditions in Each Diagnostic Category by Sex and Age Group

Diagnostic Category	ICD9-CM Code	Sex												
		Women						Men						
		Age Group					Total	Age Group					Total	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
-Other Respiratory Diseases	510-519	3	1	0	0	0	4	2	1	1	0	0	4	8
Digestive System	520-579	4	4	7	6	0	21	3	7	5	3	7	25	46
-Oral Cavity, Saliv Glands, Jaw	520-529	0	0	2	1	0	3	1	2	2	0	0	5	8
-Esophagus, Stomach, Duodenum	530-537	0	2	0	2	0	4	0	0	0	1	1	2	6
-Appendicitis	540-543	1	0	0	0	0	1	0	1	0	0	0	1	2
-Hernias	550-553	1	0	0	0	0	1	0	3	1	0	4	8	9
-Enteritis, Colitis	555-558	1	0	0	0	0	1	1	1	1	1	1	5	6
-Other Intestinal Diseases	560-569	0	1	4	1	0	6	0	0	1	1	1	3	9
-Other Digestive Diseases	570-579	1	1	1	2	0	5	1	0	0	0	0	1	6
Genitourinary System	580-629	8	10	10	0	0	28	1	7	4	5	2	19	47
-Nephritis, Nephrosis	580-589	0	2	0	0	0	2	0	0	0	2	0	2	4
-Other Urinary Diseases	590-599	2	2	1	0	0	5	0	5	3	2	1	11	16
-Male Genital Organs	600-608	0	0	0	0	0	0	1	2	1	1	1	6	6
-Disorders of the Breast	610-611	0	0	2	0	0	2	0	0	0	0	0	0	2

(CONTINUED)

Diagnostic Category	ICD9-CM Code	Sex											
		Women						Men					
		Age Group					Total	Age Group					Total
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +	
-Pelvic Inflammatory Diseases	614-616	2	1	3	0	0	6	0	0	0	0	0	0
-Other Diseases of Females	617-629	4	5	4	0	0	13	0	0	0	0	0	13
Pregnancy & Childbirth	630-677	30	14	0	0	0	44	0	0	0	0	0	44
-Ectopic & Molar Pregnancy	630-633	0	1	0	0	0	1	0	0	0	0	0	1
-Other Pregnancy with Abortive Outcome	634-639	0	1	0	0	0	1	0	0	0	0	0	1
-Complications of Pregnancy	640-648	14	7	0	0	0	21	0	0	0	0	0	21
-Normal Delivery and Care	650-659	15	5	0	0	0	20	0	0	0	0	0	20
-Complications of Labor & Delivery	660-669	1	0	0	0	0	1	0	0	0	0	0	1
Skin & Subcutaneous Tissue	680-709	2	0	4	0	0	6	1	0	2	2	0	5
-Infections	680-686	2	0	1	0	0	3	1	0	1	1	0	3
-Other Diseases	700-709	0	0	3	0	0	3	0	0	1	1	0	5
Musculoskeletal System	710-739	10	23	12	0	1	46	12	30	31	10	4	87
-Arthropathies	710-719	4	4	1	0	1	10	4	3	7	4	1	19
													29

(CONTINUED)

## Appendix F. Number of Health Conditions in Each Diagnostic Category by Sex and Age Group

Diagnostic Category	ICD9-CM Code	Sex												
		Women						Men						
		Age Group					Total	Age Group					Total	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
-Dorsopathies	720-724	5	13	6	0	0	24	7	21	13	4	1	46	70
-Rheumatism, Excluding Back	725-729	0	4	3	0	0	7	1	5	7	2	2	17	24
-Acquired Deformities	730-739	1	2	2	0	0	5	0	1	4	0	0	5	10
Congenital Anomalies	740-759	0	1	0	0	0	1	0	0	0	0	0	0	1
Symptoms, Signs & Ill Defined Cond.	780-799	3	12	1	2	0	18	4	6	12	4	2	28	46
-Symptoms	780-789	3	12	1	2	0	18	4	6	9	4	1	24	42
-Non-Specific Abnormal Findings	790-796	0	0	0	0	0	0	0	0	3	0	0	3	3
-Ill-Defined and Unknown Causes	797-799	0	0	0	0	0	0	0	0	0	0	1	1	1
Injury and Poisoning	800-999	11	18	15	3	1	48	20	32	20	19	1	92	140
-Skull Fractures	800-804	0	0	0	0	0	0	0	2	0	0	0	2	2
-Neck and Trunk Fractures	805-809	0	0	1	0	0	1	1	0	1	1	0	3	4
-Upper Limb Fractures	810-819	0	1	0	0	0	1	1	1	1	0	0	3	4
-Lower Limb Fractures	820-829	1	1	1	0	0	3	0	2	1	2	0	5	8
-Dislocations	830-839	0	0	2	0	0	2	1	3	3	1	0	8	10
-Back Sprains & Strains	846-847	6	4	1	0	0	11	9	7	8	4	1	29	40

(CONTINUED)

Diagnostic Category	ICD9-CM Code	Sex												
		Women					Men							
		Age Group					Age Group					Total	Total	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +		
-Other Sprains & Strains	840-845, 848	1	1	2	0	0	4	2	10	2	6	0	20	24
-Intracranial Injury	850-854	0	0	0	1	0	1	1	0	0	0	0	1	2
-Internal Injury Thorax, Abdomen, Pelvis	860-869	0	0	0	1	0	1	0	0	0	0	0	0	1
-Open Wound Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	0	1	0	1	1
-Open Wound Upper Limb	880-887	0	0	0	0	0	0	1	0	0	1	0	2	2
-Open Wound Lower Limb	890-897	0	1	1	0	0	2	0	0	0	0	0	0	2
-Late Effects	905-909	0	4	1	0	1	6	2	3	0	0	0	5	11
-Superficial Injury	910-919	0	0	0	0	0	0	2	0	0	0	0	2	2
-Contusion	920-924	2	3	3	0	0	8	0	1	0	0	0	1	9
-Burns	940-949	0	0	0	1	0	1	0	0	0	0	0	0	1
-Unspecified Injuries	958-959	0	1	1	0	0	2	0	0	2	0	0	2	4
-Toxic Effects Nonmedical Substances	980-989	0	0	0	0	0	0	0	0	0	1	0	1	1
-Unspecified Effects External Causes	990-995	1	0	0	0	0	1	0	0	0	0	0	0	1
-Complications of Surgical/Medical Care	996-999	0	2	2	0	0	4	0	3	2	2	0	7	11

(CONTINUED)

		Sex												
		Women						Men						
		Age Group					Total	Age Group					Total	
		16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +		
Diagnostic Category	ICD9-CM Code													
Health Status/Health Service Contact	V01-V82	2	3	3	0	0	8	1	2	1	6	0	10	18
-Personal & Family History	V10-V19	1	1	2	0	0	4	0	2	1	6	0	9	13
-Health Services Reproduction/Development	V20-V29	1	2	0	0	0	3	1	0	0	0	0	1	4
-Specific Procedure/Aftercare	V50-V59	0	0	1	0	0	1	0	0	0	0	0	0	1
Total		104	152	91	27	2	376	64	117	124	76	27	408	784

Appendix G. Total Number of Calendar Days Absent in Each Diagnostic Category by Sex and Age Group<sup>1</sup>

	Sex											
	Women						Men					
	Age Group					Total	Age Group					Total
	16 - 29	30 - 39	40 - 49	50 - 59	60 +		16 - 29	30 - 39	40 - 49	50 - 59	60 +	
Diagnostic Category												
Infectious & Parasitic Diseases	53	374	61	95	0	583	93	28	44	10	12	187
Malignant Neoplasms	0	16	371	381	0	768	0	0	0	235	0	235
Benign & Other Neoplasms	43	68	379	12	0	502	12	73	152	0	0	237
Endocrine & Metabolic Diseases	56	127	119	0	0	302	0	20	84	24	121	249
Blood & Blood-Forming Organs	14	0	39	0	0	53	0	0	9	0	121	130
Mental Disorders	66	798	124	74	0	1062	68	79	198	299	0	644
Nervous System & Sense Organs	260	360	290	56	0	966	0	88	107	84	0	279
Circulatory System	0	138	60	0	0	198	0	37	1237	322	346	1942
Respiratory System	255	285	170	58	0	768	106	117	198	32	65	518
Digestive System	115	160	149	53	0	477	34	143	67	70	229	543
Genitourinary System	142	291	310	0	0	743	25	66	29	225	23	368
Pregnancy & Childbirth	1829	936	0	0	0	2765	0	0	0	0	0	0
Skin & Subcutaneous Tissue	34	0	23	0	0	57	42	0	44	28	0	114
Musculoskeletal System	329	627	414	0	43	1413	413	1192	1085	408	224	3322
Congenital Anomalies	0	62	0	0	0	62	0	0	0	0	0	0
Symptoms, Signs & Ill-Defined Cond.	57	389	13	8	0	467	86	140	290	98	37	651
Injury and Poisoning	337	576	564	101	561	2139	529	1394	1485	778	32	4218
Health Status/Health Service Contact	81	91	77	0	0	249	15	144	712	447	0	1318

<sup>1</sup>Absence with >1 ICD9-CM code in the same diagnostic category was counted only once

		Sex																					
		Women									Men												
		Occupation										Occupation											
		Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntific ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Man- age- ment	Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntific ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Total
Diagnostic Category	ICD9-CM Code																						
Infectious & Parasitic Diseases	001-139	0	1	1	1	2	2	0	0	3	10	1	1	2	0	3	2	0	0	4	2	15	25
-Intestinal Infections	001-009	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	3	3
-Other Bacterial Diseases	030-041	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	1	0	0	1	1	5	6
-Viral Diseases with Exanthem	050-057	0	1	1	0	1	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	1	4
-Other Viral Diseases & Chlamydiae	070-079	0	0	0	1	1	2	0	0	2	6	0	0	1	0	1	1	0	0	3	0	6	12
Malignant Neoplasms	140-208, 230-234	0	0	2	0	1	1	0	0	1	5	0	2	0	1	0	0	0	0	1	1	5	10
-Digestive Organs	150-159	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2
-Respiratory System	160-165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1

(CONTINUED)

		Sex																			
		Women									Men										
		Occupation										Occupation									
		Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Man- age- ment	Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies
Diagnostic Category	ICD9-CM Code																				
-Breast	174-175	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
-Genitourinary	179-189	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
-Leukemia, Lymphoma	200-208	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1
Benign & Other Neoplasms	210-229, 235-239	1	0	0	0	4	0	0	0	4	9	0	0	1	1	0	0	0	1	0	4
Endocrine & Metabolic Diseases	240-279	0	0	1	1	6	1	0	0	0	9	0	0	1	1	0	0	0	0	5	1
-Thyroid Gland	240-246	0	0	1	1	2	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4
-Other Endocrine Glands	250-259	0	0	0	0	2	1	0	0	0	3	0	0	1	1	0	0	0	0	1	0
-Other Metabolic & Immunity Disorders	270-279	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	4	1
Blood & Blood-Forming Organs	280-289	0	0	0	0	2	0	0	0	0	2	0	0	0	1	0	0	0	0	1	0
Mental Disorders	290-319	0	2	2	2	7	8	0	4	8	33	0	0	1	0	0	0	0	1	6	10
-Psychotic Conditions	290-299	0	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	1	2	3
																				5	

(CONTINUED)

		Sex																						
		Women										Men												
		Occupation										Occupation												
		Admi- nist- ra- tion	Prof- essi- onal	Engi- neer- ing, Sci- entif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- iali- ties	Total	Man- age- ment	Admi- nist- ra- tion	Prof- essi- onal	Engi- neer- ing, Sci- entif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- iali- ties	Total	Total	
Diagnostic Category	ICD9-CM Code																							
-Non-Psychotic Conditions	300-302, 306-316	0	2	1	2	6	7	0	4	8	30	0	0	0	0	0	0	0	0	3	5	8	38	
-Alcohol Dependence	303	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	1	4	4	
-Drug Dependence	304-305	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2	3	4
Nervous System & Sense Organs	320-389	2	2	2	1	2	2	2	0	7	20	0	0	0	2	0	0	2	0	5	5	14	34	
-Other Disorders of CNS	340-349	0	1	0	0	0	1	2	0	2	6	0	0	0	0	0	0	1	0	0	0	1	7	
-Disorders of Peripheral NS	350-359	1	1	2	1	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	1	1	6	
-Disorders of Eye	360-379	1	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	1	1	2	5	
-Diseases of Ear & Mastoid	380-389	0	0	0	0	2	1	0	0	3	6	0	0	0	2	0	0	1	0	4	3	10	16	
Circulatory System	390-459	1	0	1	0	2	0	0	0	1	5	0	3	7	2	0	0	3	0	8	5	28	33	
-Hypertensive Disease	401-405	0	0	0	0	2	0	0	0	1	3	0	0	0	2	0	0	1	0	4	1	8	11	
-Ischemic Heart Disease	410-414	0	0	0	0	0	0	0	0	0	0	0	2	6	0	0	0	0	2	1	11	11		

(CONTINUED)

		Sex																			
		Women								Men											
		Occupation										Occupation									
		Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Man- age- ment	Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies
Diagnostic Category	ICD9-CM Code																				
-Diseases of Pulmonary Circulation	415-417	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1				
-Other Heart Disease	420-429	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1				
-Cerebrovascular Disease	430-438	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0				
-Diseases of Arteries & Capillaries	440-448	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1				
-Diseases of Veins, Lymphatics, Other	451-459	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	3				
Respiratory System	460-519	1	6	3	6	17	6	0	7	17	63	0	2	4	1	5	3				
-Acute Respiratory Infections	460-466	0	1	1	0	4	2	0	1	2	11	0	2	4	0	2	0				
-Other Diseases Upper Respiratory Tract	470-478	0	4	0	1	4	2	0	1	8	20	0	0	0	1	1	2				
-Pneumonia and Influenza	480-487	1	0	1	1	3	1	0	3	2	12	0	0	0	1	0	2				
-Chronic Obstructive Diseases	490-496	0	1	1	2	6	0	0	2	4	16	0	0	0	1	1	0				

(CONTINUED)

		Sex																				
		Women									Men											
		Occupation										Occupation										
		Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntific and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Man- age- ment	Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntific and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total
Diagnostic Category	ICD9-CM Code																					
-Other Respiratory Diseases	510-519	0	0	0	2	0	1	0	0	1	4	0	0	0	0	0	2	0	0	2	4	8
Digestive System	520-579	0	1	1	1	9	0	0	2	7	21	1	1	7	2	2	1	0	0	8	3	46
-Oral Cavity, Saliv Glands, Jaw	520-529	0	0	0	0	0	0	0	0	3	3	0	0	2	0	0	0	0	0	2	1	8
-Esophagus, Stomach, Duodenum	530-537	0	0	1	0	2	0	0	1	0	4	0	0	1	0	0	0	0	0	0	1	6
-Appendicitis	540-543	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
-Hernias	550-553	0	0	0	0	0	0	0	1	0	1	1	1	2	1	0	1	0	0	2	0	9
-Enteritis, Colitis	555-558	0	0	0	0	1	0	0	0	0	1	0	0	1	0	1	0	0	0	2	1	6
-Other Intestinal Diseases	560-569	0	0	0	0	4	0	0	0	2	6	0	0	1	0	0	0	0	0	2	0	9
-Other Digestive Diseases	570-579	0	1	0	1	1	0	0	0	2	5	0	0	0	1	0	0	0	0	0	0	6
Genitourinary System	580-629	1	4	2	3	13	1	0	2	2	28	0	0	1	6	1	0	0	0	3	8	47

(CONTINUED)

		Sex																					
		Women								Men													
		Occupation										Occupation											
		Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Man- age- ment	Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Total
Diagnostic Category	ICD9-CM Code																						
-Nephritis, Nephrosis	580-589	0	0	0	1	1	0	0	0	0	2	0	0	0	0	0	0	2	2	4			
-Other Urinary Diseases	590-599	0	1	0	1	2	0	0	1	0	5	0	0	0	5	0	0	0	1	5	11	16	
-Male Genital Organs	600-608	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	2	1	6	6
-Disorders of the Breast	610-611	1	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	
-Pelvic Inflammatory Diseases	614-616	0	0	1	0	4	1	0	0	0	6	0	0	0	0	0	0	0	0	0	0	6	
-Other Diseases of Females	617-629	0	3	1	0	6	0	0	1	2	13	0	0	0	0	0	0	0	0	0	0	13	
Pregnancy & Childbirth	630-677	0	3	6	7	23	2	0	0	3	44	0	0	0	0	0	0	0	0	0	0	44	
-Ectopic & Molar Pregnancy	630-633	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
-Other Pregnancy with Abortive Outcome	634-639	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
-Complications of Pregnancy	640-648	0	2	2	3	10	2	0	0	2	21	0	0	0	0	0	0	0	0	0	0	21	

(CONTINUED)

		Sex																				
		Women									Men											
		Occupation										Occupation										
		Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntific and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Man- age- ment	Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntific and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total
Diagnostic Category	ICD9-CM Code																					
-Normal Delivery and Care	650-659	0	0	4	3	12	0	0	0	1	20	0	0	0	0	0	0	0	0	0	0	20
-Complications of Labor & Delivery	660-669	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Skin & Subcutaneous Tissue	680-709	0	0	1	0	2	2	0	0	1	6	0	0	1	1	1	0	1	0	0	1	11
-Infections	680-686	0	0	1	0	0	1	0	0	1	3	0	0	0	1	1	0	1	0	0	0	3
-Other Diseases	700-709	0	0	0	0	2	1	0	0	0	3	0	0	1	0	0	0	0	0	0	1	5
Musculoskeletal System	710-739	1	3	4	2	12	9	0	2	13	46	0	3	17	8	0	0	14	2	13	30	87
-Arthropathies	710-719	1	0	1	0	3	3	0	0	2	10	0	1	3	3	0	0	4	1	1	6	19
-Dorsopathies	720-724	0	0	2	1	8	4	0	1	8	24	0	0	7	4	0	0	10	1	7	17	46
-Rheumatism, Excluding Back	725-729	0	1	1	0	0	2	0	1	2	7	0	0	5	1	0	0	0	0	4	7	17
-Acquired Deformities	730-739	0	2	0	1	1	0	0	0	1	5	0	2	2	0	0	0	0	0	1	0	10
Congenital Anomalies	740-759	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	

(CONTINUED)

		Sex																					
		Women								Men													
		Occupation										Occupation											
		Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Man- age- ment	Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Total
Diagnostic Category	ICD9-CM Code																						
Symptoms, Signs & Ill Defined Cond.	780-799	0	2	1	1	5	2	1	3	3	18	0	1	5	1	1	0	11	8	28	46		
-Symptoms	780-789	0	2	1	1	5	2	1	3	3	18	0	1	5	1	1	0	1	0	7	8	24	42
-Non-Specific Abnormal Findings	790-796	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3	
-Ill-Defined and Unknown Causes	797-799	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	
Injury and Poisoning	800-999	2	2	3	1	15	6	0	3	16	48	1	1	9	12	3	0	15	0	18	33	92	140
-Skull Fractures	800-804	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2
-Neck and Trunk Fractures	805-809	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	2	3	4	
-Upper Limb Fractures	810-819	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0	1	3	4
-Lower Limb Fractures	820-829	0	0	1	0	1	0	0	1	0	3	0	0	1	0	0	0	1	0	0	3	5	8
-Dislocations	830-839	0	1	0	0	0	0	0	0	1	2	0	0	1	0	0	0	2	0	2	3	8	10
-Back Sprains & Strains	846-847	0	0	0	1	2	0	0	0	8	11	0	0	1	3	2	0	2	0	7	14	29	40

(CONTINUED)

		Sex																					
		Women										Men											
		Occupation										Occupation											
		Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntific ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Man- age- ment	Admi- nistrati- on	Prof- essi- onal	Engi- neer- ing, Scie- ntific ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Total
Diagnostic Category	ICD9-CM Code																						
-Other Sprains & Strains	840-845, 848	0	0	0	0	1	1	0	0	2	4	0	0	1	3	0	0	3	0	5	8	20	24
-Intracranial Injury	850-854	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	2
-Internal Injury Thorax, Abdomen, Pelvis	860-869	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
-Open Wound Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
-Open Wound Upper Limb	880-887	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
-Open Wound Lower Limb	890-897	0	0	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
-Late Effects	905-909	1	1	1	0	3	0	0	0	0	6	0	0	1	1	0	0	2	0	1	0	5	11
-Superficial Injury	910-919	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2
-Contusion	920-924	0	0	0	0	0	3	0	1	4	8	0	0	0	0	0	0	0	0	1	0	1	9
-Burns	940-949	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
-Unspecified Injuries	958-959	1	0	0	0	0	0	1	0	0	2	0	0	1	0	0	0	1	0	0	0	2	4

(CONTINUED)

		Sex																					
		Women										Men											
		Occupation										Occupation											
		Admi- nist- ra- tion	Prof- essi- onal	Engi- neer- ing, Sci- entif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Man- age- ment	Admi- nist- ra- tion	Prof- essi- onal	Engi- neer- ing, Sci- entif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Secu- rity	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Total
Diagnostic Category	ICD9-CM Code																						
-Toxic Effects Nonmedical Substances	980-989	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
-Unspecified Effects External Causes	990-995	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
-Complications of Surgical/Medical Care	996-999	0	0	0	0	4	0	0	0	0	4	1	1	2	1	0	0	0	0	1	1	11	
Health Status/Health Service Contact	V01-V82	0	1	0	0	0	3	0	2	2	8	1	1	3	0	0	0	1	0	0	4	10	
-Personal & Family History	V10-V19	0	0	0	0	0	2	0	0	2	4	1	1	3	0	0	0	0	0	0	4	9	
-Health Services Reproduction/Development	V20-V29	0	0	0	0	0	1	0	2	0	3	0	0	0	0	0	0	1	0	0	0	4	
-Specific Procedure/Aftercare	V50-V59	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
Total		9	27	31	26	122	45	3	25	88	376	4	15	59	39	16	6	43	2	97	127	408	784

	Sex																				
	Women										Men										
	Occupational Group										Occupational Group										
	Admin- istra- tion	Profe- ssional	Engin- eerin- g, Scienc- ific	Techn- ical	Clerical	Servi- ce	Secur- ity	Craft and Repair	Nucle- ar Speci- alties	Total	Manag- ement	Admin- istra- tion	Profe- ssional	Health Care	Suppo- rt	Clerical	Servi- ce	Secur- ity	Craft and Repair	Nucle- ar Speci- alties	Total
Diagnostic Category																					
Infectious & Parasitic Diseases	0	67	374	8	22	26	0	0	86	583	9	15	12	0	27	42	0	0	57	25	187
Malignant Neoplasms	0	0	381	0	16	165	0	0	206	768	0	138	0	54	0	0	0	0	15	28	235
Benign & Other Neoplasms	60	0	0	0	156	0	0	0	286	502	0	0	13	12	0	0	51	0	0	161	237
Endocrine & Metabolic Diseases	0	0	67	21	169	45	0	0	0	302	0	0	20	29	0	0	0	0	187	13	249
Blood & Blood-Forming Organs	0	0	0	0	53	0	0	0	0	53	0	0	0	9	0	0	0	0	121	0	130
Mental Disorders	0	36	80	12	319	204	0	241	170	1062	0	0	57	0	0	0	14	0	123	450	644
Nervous System & Sense Organs	129	49	33	260	23	56	54	0	362	966	0	0	0	9	0	0	43	0	112	115	279
Circulatory System	69	0	21	0	88	0	0	0	20	198	0	100	870	42	0	0	111	0	414	405	1942
Respiratory System	21	58	24	79	139	81	0	110	256	768	0	15	32	8	42	42	26	0	225	128	518
Digestive System	0	15	62	8	200	0	0	105	87	477	8	21	101	28	33	19	0	0	284	49	543
Genitourinary System	60	93	65	54	278	19	0	121	53	743	0	0	8	53	8	0	0	0	70	229	368
Pregnancy & Childbirth	0	137	490	542	1162	188	0	0	246	2765	0	0	0	0	0	0	0	0	0	0	0
Skin & Subcutaneous Tissue	0	0	19	0	12	11	0	0	15	57	0	0	13	29	42	0	15	0	0	15	114

(CONTINUED)

	Sex																					
	Women										Men											
	Occupational Group										Occupational Group											
	Admin- istra- tion	Profe- ssional	Engin- eerin- g, Scienc- ific	Techn- ical	Health Care	Suppo- rt	Cleri- cal	Servi- ce	Secur- ity	Craft and Repair	Nucle- ar Speci- alties	Total	Manag- ement	Admin- istra- tion	Profe- ssional	Health Care	Suppo- rt	Cleri- cal	Servi- ce	Secur- ity	Craft and Repair	Nucle- ar Speci- alties
Diagnostic Category																						
Musculoskeletal System	78	126	83	69	244	220	0	68	525	1413	0	129	474	174	0	0	554	13	722	1256	3322	
Congenital Anomalies	0	0	62	0	0	0	0	0	0	62	0	0	0	0	0	0	0	0	0	0	0	
Symptoms, Signs & Ill-Defined Cond.	0	16	13	43	76	59	16	200	44	467	0	21	129	9	11	0	111	0	176	194	651	
Injury and Poisoning	147	129	73	15	1016	145	0	120	494	2139	8	16	1033	282	34	0	344	0	996	1505	4218	
Health Status/Health Service Contact	0	20	0	0	0	76	0	25	128	249	8	81	788	0	0	0	15	0	0	426	1318	

<sup>1</sup>Absence with >1 ICD9-CM code in the same diagnostic category was counted only once

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Appendix J. Relative Risk Estimates for Selected Diseases by Occupational Groups

All Diseases and Injuries

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	3	0.3	0.1	0.9
Administration	170	12	0.5	0.3	0.9
Professional	561	51	0.6	0.4	0.8
Engineering, Scientific and Health Care	452	44	0.6	0.5	0.9
Technical Support	193	23	0.8	0.5	1.2
Clerical	434	64	0.7	0.5	0.9
Service	188	40	1.5	1.1	2.1
Security	21	2	0.7	0.2	3.0
Crafts and Repair	253	58	2.0	1.5	2.7
Nuclear Specialties	229	82	3.3	2.5	4.2
Total	2,579	379			

Infectious and Parasitic Diseases

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	1	2.4	0.3	17.4
Administration	170	1	0.9	0.1	7.6
Professional	561	2	0.4	0.1	1.7
Engineering, Scientific and Health Care	452	1	0.2	0.03	1.6
Technical Support	193	4	2.8	0.9	8.9
Clerical	434	4	0.7	0.3	1.8
Service	188	2	1.0	0.2	4.4
Security	21	0			
Crafts and Repair	253	3	1.7	0.5	6.3
Nuclear Specialties	229	5	2.6	1.0	6.9
Total	2,579	23			

Malignant Neoplasms

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	0			
Administration	170	2	3.4	0.6	19.1
Professional	561	0			
Engineering, Scientific and Health Care	452	2	2.0	0.4	8.7
Technical Support	193	0			
Clerical	434	1	0.4	0.1	3.2
Service	188	1	1.5	0.2	12.5
Security	21	0			
Crafts and Repair	253	1	1.0	0.1	8.8
Nuclear Specialties	229	2	3.4	0.7	16.2
Total	2,579	9			

(CONTINUED)

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Appendix J. Relative Risk Estimates for Selected Diseases by Occupational Groups

**Benign Neoplasms**

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	0			
Administration	170	1	1.2	0.2	8.6
Professional	561	1	0.2	0.03	1.9
Engineering, Scientific and Health Care	452	1	0.4	0.1	2.8
Technical Support	193	0			
Clerical	434	4	0.9	0.2	3.5
Service	188	1	0.8	0.1	5.9
Security	21	0			
Crafts and Repair	253	0			
Nuclear Specialties	229	8	13.1	4.6	37.3
Total	2,579	16			

**Endocrine and Metabolic Diseases**

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	0			
Administration	170	0			
Professional	561	1	0.2	0.03	1.9
Engineering, Scientific and Health Care	452	2	0.8	0.2	3.7
Technical Support	193	1	0.9	0.1	7.2
Clerical	434	6	2.3	0.5	10.0
Service	188	1	0.9	0.1	6.9
Security	21	0			
Crafts and Repair	253	4	5.7	1.4	23.2
Nuclear Specialties	229	1	0.9	0.1	7.1
Total	2,579	16			

**Mental Disorders**

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	0			
Administration	170	0			
Professional	561	2	0.2	0.05	0.9
Engineering, Scientific and Health Care	452	2	0.3	0.1	1.2
Technical Support	193	1	0.4	0.05	2.6
Clerical	434	5	0.4	0.2	1.1
Service	188	5	2.3	0.9	5.9
Security	21	0			
Crafts and Repair	253	7	3.1	1.3	7.4
Nuclear Specialties	229	14	9.3	4.6	18.8
Total	2,579	36			

(CONTINUED)

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Appendix J. Relative Risk Estimates for Selected Diseases by Occupational Groups

Nervous System and Sense Organs

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	0			
Administration	170	2	1.2	0.3	4.7
Professional	561	2	0.3	0.1	1.1
Engineering, Scientific and Health Care	452	3	0.7	0.2	2.3
Technical Support	193	1	0.5	0.1	3.8
Clerical	434	1	0.1	0.01	0.6
Service	188	4	2.0	0.7	5.9
Security	21	1	4.8	0.7	34.2
Crafts and Repair	253	4	2.5	0.7	8.5
Nuclear Specialties	229	11	7.9	3.7	16.9
Total	2,579	29			

Circulatory System

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	0			
Administration	170	4	2.0	0.7	5.8
Professional	561	3	0.5	0.1	1.5
Engineering, Scientific and Health Care	452	3	0.7	0.2	2.3
Technical Support	193	0			
Clerical	434	2	0.8	0.1	5.0
Service	188	1	0.6	0.1	4.5
Security	21	0			
Crafts and Repair	253	6	2.5	1.0	6.6
Nuclear Specialties	229	5	2.6	1.0	7.0
Total	2,579	24			

Respiratory System

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	0			
Administration	170	2	0.6	0.1	2.2
Professional	561	9	0.6	0.3	1.2
Engineering, Scientific and Health Care	452	3	0.2	0.1	0.7
Technical Support	193	8	1.6	0.8	3.4
Clerical	434	11	0.5	0.2	0.9
Service	188	7	1.4	0.6	3.1
Security	21	0			
Crafts and Repair	253	15	3.7	2.0	6.6
Nuclear Specialties	229	16	3.6	2.1	6.3
Total	2,579	71			

(CONTINUED)

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Appendix J. Relative Risk Estimates for Selected Diseases by Occupational Groups

Digestive System

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	1	1.0	0.1	7.3
Administration	170	1	0.4	0.1	3.1
Professional	561	7	0.9	0.4	2.0
Engineering, Scientific and Health Care	452	3	0.4	0.1	1.4
Technical Support	193	3	1.2	0.4	4.2
Clerical	434	7	0.9	0.3	2.2
Service	188	0			
Security	21	0			
Crafts and Repair	253	8	3.0	1.4	6.6
Nuclear Specialties	229	7	2.7	1.1	6.2
Total	2,579	37			

Genitourinary System

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	0			
Administration	170	1	0.6	0.1	3.9
Professional	561	4	0.5	0.2	1.4
Engineering, Scientific and Health Care	452	4	0.7	0.3	2.0
Technical Support	193	3	1.3	0.4	4.2
Clerical	434	10	1.1	0.5	2.5
Service	188	1	0.4	0.1	3.0
Security	21	0			
Crafts and Repair	253	5	2.6	0.9	6.9
Nuclear Specialties	229	6	3.3	1.3	8.3
Total	2,579	34			

Musculoskeletal System

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	0			
Administration	170	3	0.6	0.2	1.8
Professional	561	13	0.7	0.4	1.2
Engineering, Scientific and Health Care	452	9	0.6	0.3	1.1
Technical Support	193	2	0.3	0.1	1.2
Clerical	434	5	0.3	0.1	0.7
Service	188	14	2.8	1.6	5.0
Security	21	1	1.5	0.2	10.9
Crafts and Repair	253	9	1.1	0.6	2.3
Nuclear Specialties	229	25	4.7	2.9	7.6
Total	2,579	81			

(CONTINUED)

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Appendix J. Relative Risk Estimates for Selected Diseases by Occupational Groups

Symptoms, Signs and Ill-Defined Conditions

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	0			
Administration	170	1	0.4	0.05	2.8
Professional	561	6	0.7	0.3	1.6
Engineering, Scientific and Health Care	452	2	0.3	0.1	1.1
Technical Support	193	2	0.7	0.2	3.1
Clerical	434	2	0.3	0.1	1.2
Service	188	3	1.2	0.4	3.9
Security	21	1	3.1	0.4	21.9
Crafts and Repair	253	9	3.0	1.4	6.3
Nuclear Specialties	229	10	4.0	1.9	8.4
Total	2,579	36			

Injury and Poisoning

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	1	0.3	0.04	2.3
Administration	170	3	0.4	0.1	1.4
Professional	561	11	0.4	0.2	0.8
Engineering, Scientific and Health Care	452	10	0.5	0.2	0.9
Technical Support	193	3	0.4	0.1	1.1
Clerical	434	13	0.6	0.3	1.1
Service	188	14	1.9	1.1	3.4
Security	21	0			
Crafts and Repair	253	18	1.9	1.1	3.2
Nuclear Specialties	229	33	4.6	3.1	7.0
Total	2,579	106			

Injury and Poisoning: Back Sprains and Strains

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	0			
Administration	170	0			
Professional	561	1	0.1	0.02	0.9
Engineering, Scientific and Health Care	452	1	0.1	0.02	1.0
Technical Support	193	3	1.3	0.4	4.1
Clerical	434	2	0.3	0.1	1.8
Service	188	2	0.9	0.2	3.6
Security	21	0			
Crafts and Repair	253	7	2.4	1.0	6.0
Nuclear Specialties	229	15	8.1	4.1	16.2
Total	2,579	31			

(CONTINUED)

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Appendix J. Relative Risk Estimates for Selected Diseases by Occupational Groups

Injury and Poisoning: Other Sprains and Strains

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	0			
Administration	170	0			
Professional	561	1	0.2	0.02	1.2
Engineering, Scientific and Health Care	452	3	0.7	0.2	2.3
Technical Support	193	0			
Clerical	434	1	0.3	0.02	2.9
Service	188	4	2.9	1.0	8.7
Security	21	0			
Crafts and Repair	253	5	2.4	0.9	6.9
Nuclear Specialties	229	8	5.4	2.4	12.5
Total	2,579	22			

## Appendix K: Occupational Sentinel Health Events (SHEO)

The following two tables list the disease conditions that have been identified as definitely SHEOs or as possibly SHEOs, respectively. To make these categories more meaningful to the DOE work place environment, these two SHEO categories have been evaluated taking into account work place exposures in the DOE complex to define two additional groups of health conditions called *production* and *nonproduction*. These are designated in last column of each table, labelled *DOE Complex Exposure Potential*. Each group is defined as follows:

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

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

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

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

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

Health Conditions - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
188	Malignant neoplasm of bladder	Production
189	Malignant neoplasm of kidney, other, and unspecified urinary organs	Nonproduction
204.0	Lymphoid leukemia Acute	Production
205.0	Myeloid leukemia, acute	Production
207.0	Erythroleukemia	Production
283.1	Hemolytic anemia, nonautoimmune	
284.8	Aplastic anemia	Production
288.0	Agranulocytosis or neutropenia	Production
289.7	Methemoglobinemia	Nonproduction
323.7	Toxic encephalitis	Production
332.1	Parkinson's disease (secondary)	
334.3	Cerebellar ataxia	Production
357.7	Inflammatory and toxic neuropathy	Production
366.4	Cataract	Production
388.1 <sup>1</sup>	Noise effects on inner ear	Production
443.0	Raynaud's phenomenon (secondary)	Nonproduction
493.0, 507.8	Extrinsic asthma	Nonproduction
570, 573.3	Toxic hepatitis	Production
584, 585	Acute or chronic renal failure	Production
606	Infertility, male	
692	Contact and allergic dermatitis	Production
733.9	Skeletal fluorosis	

## Appendix L. Number of Workers with at Least One OSHA Event by Sex, Age and Occupational Group

	Sex											
	Women				Men							
	Age Group			Total	Age Group					Total	Total	
	16 - 29	30 - 39	40 - 49		16 - 29	30 - 39	40 - 49	50 - 59	60 +			
Occupational Group												
Management	0	0	0	0	0	0	0	1	0	1	1	
Professional	0	0	1	1	0	0	0	0	0	0	1	
Engineering, Scientific and Health Care	0	0	1	1	1	0	1	0	0	2	3	
Technical Support	0	0	0	0	0	1	0	0	0	1	1	
Clerical	2	0	0	2	0	0	0	0	1	1	3	
Service	0	0	1	1	2	0	1	1	0	4	5	
Craft and Repair	0	3	1	4	5	1	0	3	0	9	13	
Nuclear Specialties	1	1	0	2	2	3	5	0	1	11	13	
Total	3	4	4	11	10	5	7	5	2	29	40	

## Appendix M. Total Number of Work Days Lost or with Restricted Activity from OSHA Events by Sex and Age Group

	Sex								
	Women			Men			Total		
	# of Events	Days Restricted	Days Lost	# of Events	Days Restricted	Days Lost	# of Events	Days Restricted	Days Lost
<b>Age Group</b>									
16 - 29	3	25	0	11	40	8	14	65	8
30 - 39	4	71	0	5	28	0	9	99	0
40 - 49	4	7	0	7	20	0	11	27	0
50 - 59	0	0	0	5	10	0	5	10	0
60 +	0	0	0	3	88	39	3	88	39
Total	11	103	0	31	186	47	42	289	47

## Appendix N. Total Number of Work Days Lost or with Restricted Activity from OSHA Events by Sex and Occupational Group

	Sex								
	Women			Men			Total		
	# of Events	Days Restricted	Days Lost	# of Events	Days Restricted	Days Lost	# of Events	Days Restricted	Days Lost
<b>Occupational Group</b>									
Management	0	0	0	1	0	0	1	0	0
Professional	1	0	0	0	0	0	1	0	0
Engineering, Scientific and Health Care	1	6	0	3	29	0	4	35	0
Technical Support	0	0	0	1	0	0	1	0	0
Clerical	2	0	0	1	0	0	3	0	0
Service	1	1	0	4	2	0	5	3	0
Craft and Repair	4	39	0	9	20	0	13	59	0
Nuclear Specialties	2	57	0	12	135	47	14	192	47
Total	11	103	0	31	186	47	42	289	47

Appendix 0. Number of Health Conditions in Each Diagnostic Category by Sex and Age Group<sup>1</sup>

Diagnostic Category	ICD9-CM Code	Sex													
		Women				Men									
		Age Group			Total	Age Group			Total	Age Group			Total		
		16 - 29	30 - 39	40 - 49	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	16 - 29	30 - 39	40 - 49	Total	
Skin & Subcutaneous Tissue	680-709	0	0	0	0	1	0	1	0	0	0	0	2	2	
-Other Inflammatory Conditions	690-698	0	0	0	0	1	0	1	0	0	0	0	2	2	
Musculoskeletal System	710-739	0	0	0	0	0	2	0	0	0	0	0	2	2	
-Dorsopathies	720-724	0	0	0	0	0	2	0	0	0	0	0	2	2	
Injury and Poisoning	800-999	4	4	4	12	11	7	7	5	4	34	34	46		
-Upper Limb Fractures	810-819	1	0	0	1	0	0	1	1	0	2	2	3		
-Lower Limb Fractures	820-829	0	0	0	0	1	0	0	0	0	0	1	1		
-Dislocations	830-839	0	0	0	0	0	0	0	0	2	2	2	2		
-Back Sprains & Strains	846-847	2	2	2	6	2	5	1	0	1	9	9	15		
-Other Sprains & Strains	840-845, 848	1	0	1	2	1	1	0	0	0	2	2	4		
-Open Wound Head, Neck, Trunk	870-879	0	0	1	1	2	0	0	0	0	2	2	3		
-Open Wound Upper Limb	880-887	0	0	0	0	3	1	2	0	0	0	6	6		
-Contusion	920-924	0	2	0	2	1	0	1	1	1	4	4	6		
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	2	0	2	2	2		

(CONTINUED)

Appendix 0. Number of Health Conditions in Each Diagnostic Category by Sex and Age Group<sup>1</sup>

		Sex											
		Women						Men					
		Age Group			Age Group			Age Group			Age Group		
		16 - 29	30 - 39	40 - 49	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	Total	Total
Diagnostic Category	ICD9-CM Code												
-Burns	940-949	0	0	0	0	1	0	2	0	0	3	3	3
-Unspecified Injuries	958-959	0	0	0	0	0	0	0	1	0	1	1	1
Total		4	4	4	12	12	9	8	5	4	38	50	

<sup>1</sup>Only diagnostic categories and age groups in which at least one occurrence was reported appear in this table

Appendix P. Number of Work Days Lost or with Restricted Activity in Each Diagnostic Category by Sex and Age Group<sup>1</sup>

		Sex															
		Women								Men							
		Age Group				Age Group				Age Group				Age Group			
		16 - 29		30 - 39		40 - 49		16 - 29		30 - 39		40 - 49		50 - 59		60 +	
		Days Rest- rict- ed	Days Lost														
Diagnostic Category	ICD9-CM Codes																
-Dorsopathies	720-724	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0
-Lower Limb Fractures	820-829	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	0
-Dislocations	830-839	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0
-Back Sprains & Strains	846-847	25	0	35	0	1	0	2	0	28	0	5	0	0	0	29	0
-Other Sprains & Strains	840-845, 848	0	0	0	0	6	0	2	0	0	0	0	0	0	0	0	0
-Open Wound Upper Limb	880-887	0	0	0	0	0	0	9	0	0	0	2	0	0	0	0	0
-Contusion	920-924	0	0	36	0	0	0	0	8	0	0	13	0	6	0	59	39
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0

<sup>1</sup>Only diagnostic categories and age groups in which at least one occurrence was reported appear in this table

Appendix Q. Number of Occurrences in Each Accident Category by Sex and Age Group<sup>1</sup>

		Sex										
		Women				Men						
		Age Group			Age Group							
		16 - 29	30 - 39	40 - 49	Total	16 - 29	30 - 39	40 - 49	50 - 59	60 +	Total	
Type of Accident	E Codes											
Motor Vehicle Traffic	E810-E819	0	0	0	0	1	0	0	1	0	2	
Falls	E880-E888	1	1	0	2	2	1	0	0	3	6	
Natural/Environmental Factors	E900-E909	0	0	0	0	1	0	1	0	0	2	
Submersion/Suffocation/ Foreign Bodies	E910-E915	0	0	0	0	0	0	0	1	0	1	
Other Accidents	E916-E928	2	3	3	8	6	3	6	2	0	17	

<sup>1</sup>Only those accident types and age groups in which at least one occurrence was reported appear in this table

Appendix R. Number of Work Days Lost or with Restricted Activity for Each Accident Category by Sex and Age Group<sup>1</sup>

		Sex													
		Women							Men						
		Age Group				Age Group									
		16 - 29		30 - 39		40 - 49		16 - 29		30 - 39		40 - 49		50 - 59	60 +
		Days Rest- rict- ed	Days Lost												
Type of Accident	E Codes														
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Falls	E880-E888	0	0	30	0	0	0	29	0	0	0	0	0	88	39
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Submersion/Suffocation/ Foreign Bodies	E910-E915	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	25	0	41	0	1	0	9	0	16	0	20	0	4	0

<sup>1</sup>Only those accident types and age groups in which at least one occurrence was reported appear in this table

Appendix S. Number of Health Conditions in Each Diagnostic Category by Sex and Occupational Group<sup>1</sup>

		Sex															
		Women								Men							
		Occupational Group								Occupational Group							
		Prof- es- si- onal	Engi- neer- ing, Scie- ntif- ic and Heal- th Care	Cler- ical	Serv- ice	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Man- age- ment	Engi- neer- ing, Scie- ntif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	
Diagnostic Category	ICD9-CM Code																
Skin & Subcutaneous Tissue	680-709	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
Musculoskeletal System	710-739	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
-Dorsopathies	720-724	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Injury and Poisoning	800-999	1	1	2	1	4	3	12	1	2	1	1	4	10	15	34	
-Upper Limb Fractures	810-819	0	0	1	0	0	0	1	0	0	0	0	1	0	1	0	2
-Lower Limb Fractures	820-829	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
-Dislocations	830-839	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
-Back Sprains & Strains	846-847	1	0	0	1	1	3	6	0	0	0	0	1	3	5	9	
-Other Sprains & Strains	840-845, 848	0	1	1	0	0	0	2	0	0	1	0	1	0	0	0	2

(CONTINUED)

Appendix S. Number of Health Conditions in Each Diagnostic Category by Sex and Occupational Group<sup>1</sup>

		Sex															
		Women								Men							
		Occupational Group								Occupational Group							
		Prof- essi- onal	Engi- neer- ing, Scie- ntif- ic and Heal- th Care	Cler- ical	Serv- ice	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Man- age- ment	Engi- neer- ing, Scie- ntif- ic and Heal- th Care	Tech- ni- cal Supp- ort	Cler- ical	Serv- ice	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	
Diagnostic Category	ICD9-CM Code																
-Open Wound Head, Neck, Trunk	870-879	0	0	0	0	1	0	1	0	0	0	0	1	1	0	2	
-Open Wound Upper Limb	880-887	0	0	0	0	0	0	0	0	1	0	0	0	3	2	6	
-Contusion	920-924	0	0	0	0	2	0	2	0	0	0	0	0	1	3	4	
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
-Burns	940-949	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
-Unspecified Injuries	958-959	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
Total		1	1	2	1	4	3	12	1	3	1	1	5	10	17	38	

<sup>1</sup>Only those diagnostic categories and occupational groups in which at least one occurrence was reported appear in this table

Appendix T. Number of Work Days Lost or with Restricted Activity in Each Diagnostic Category by Sex and Occupational Group<sup>1</sup>

		Sex																											
		Women												Men															
		Occupational Group												Occupational Group															
		Professional		Engineering, Scientific and Health Care		Clerical		Service		Craft and Repair		Nuclear Specialties		Management		Engineering, Scientific and Health Care		Technical Support		Clerical		Service		Craft and Repair		Nuclear Specialties			
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost		
Diagnostic Category	ICD9-CM Codes																												
-Dorsopathies	720-724	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	
-Lower Limb Fractures	820-829	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	
-Dislocations	830-839	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	
-Back Sprains & Strains	846-847	0	0	0	0	0	0	1	0	3	0	57	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	61	0
-Other Sprains & Strains	840-845, 848	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Open Wound Upper Limb	880-887	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	2	
-Contusion	920-924	0	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	72	47
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	

<sup>1</sup>Only those diagnostic categories and occupational groups in which at least one occurrence was reported appear in this table

Appendix U. Number of Occurrences in Each Accident Category by Sex and Occupational Group<sup>1</sup>

		SEX													
		Women							Men						
		Occupational Agroup							Occupational Agroup						
		Prof- essi- onal	Cler- ical	Serv- ice	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total	Man- age- ment	Engi- neer- ing, Scie- ntif- ic and Tech- nical Heal- th Supp- ort	Engi- neer- ing, Scie- ntif- ic and Tech- nical Heal- th Supp- ort	Cler- ical	Serv- ice	Craft and Repa- ir	Nucl- ear Spec- ialt- ies	Total
Type of Accident	E Codes														
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0	1	0	0	0	1	0	0	2
Falls	E880-E888	0	1	0	1	0	2	0	1	1	1	1	0	2	6
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	1	0	0	1	0	0	2
Submersion/Suffocation/ Foreign Bodies	E910-E915	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Other Accidents	E916-E928	1	1	1	3	2	8	0	1	0	0	1	7	8	17

<sup>1</sup>Only those accident types and age groups in which at least one occurrence was reported appear in this table

Appendix V. Number of Work Days Lost or With Restricted Activity in Each Accident Category by Sex and Occupational Group<sup>1</sup>

		Sex																							
		Women										Men													
		Occupational Group										Occupational Group													
		Professional		Clerical		Service		Craft and Repair		Nuclear Specialties		Management		Engineering, Scientific and Health Care		Technical Support		Clerical		Service		Craft and Repair		Nuclear Specialties	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	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	0	2	0	0	0	0		
Falls	E880-E888	0	0	0	0	0	0	30	0	0	0	0	0	29	0	0	0	0	0	0	0	0	88		
Other Accidents	E916-E928	0	0	0	0	1	0	9	0	57	0	0	0	0	0	0	0	0	0	14	0	35	0		

<sup>1</sup>Only those accident types and age groups in which at least one occurrence was reported appear in this table

## Appendix W. Relative Risk Estimates for Selected Diseases

## All Diseases and Injuries

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	1	0.9	0.1	6.8
Administration	170	0			
Professional	561	1	0.1	0.01	0.7
Engineering, Scientific and Health Care	452	3	0.4	0.1	1.1
Technical Support	193	1	0.3	0.04	2.4
Clerical	434	3	0.4	0.1	1.3
Service	188	5	1.8	0.7	4.5
Security	21	0			
Crafts and Repair	253	13	4.0	2.1	7.8
Nuclear Specialties	229	13	4.5	2.3	8.6
Total	2,579	40			

## Injury and Poisoning

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	1	0.9	0.1	7.2
Administration	170	0			
Professional	561	1	0.1	0.01	0.7
Engineering, Scientific and Health Care	452	3	0.4	0.1	1.2
Technical Support	193	1	0.3	0.04	2.4
Clerical	434	3	0.4	0.1	1.3
Service	188	4	1.4	0.5	4.0
Security	21	0			
Crafts and Repair	253	13	4.2	2.2	8.2
Nuclear Specialties	229	13	4.7	2.4	9.1
Total	2,579	39			

## Injury and Poisoning: Back Sprains and Strains

Occupational Category	Person-Years	Persons with at Least One Event	Relative Risk	Lower 95% Confidence Limit	Upper 95% Confidence Limit
Management	78	0			
Administration	170	0			
Professional	561	1	0.3	0.05	2.5
Engineering, Scientific and Health Care	452	0			
Technical Support	193	0			
Clerical	434	0			
Service	188	2	2.6	0.5	12.6
Security	21	0			
Crafts and Repair	253	3	3.9	1.0	14.7
Nuclear Specialties	229	6	9.9	3.4	28.7
Total	2,579	12			