

PANTEX 1997

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

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Occupational Group											
Office Management and Administration	43	159	199	129	530	39	159	258	268	724	1254
Engineering, Scientific, and Health Care	18	22	22	6	68	46	100	96	96	338	406
Technical Support	15	48	43	24	130	26	77	92	96	291	421
Service	2	12	12	9	35	10	21	21	21	73	108
Security	13	28	17	2	60	24	158	130	51	363	423
Craft and Repair	0	2	2	1	5	7	55	105	88	255	260
Production Technicians	7	23	24	21	75	27	79	91	87	284	359
Material Handlers	1	9	12	8	30	5	33	35	28	101	131
Total	99	303	331	200	933	184	682	828	735	2429	3362

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Appendix B. Most Common Job Titles in Each Occupational Group

(to be inserted later)

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Appendix C. Work Force Demographics**Part 1. Percentage of Men in Different Age Groups, 1994 to 1997**

Year	16-29	30-39	40-49	50+
1994	11	32	28	29
1995	10	32	31	27
1996	9	31	32	28
1997	8	28	34	30

Part 2. Percentage of Women in Different Age Groups, 1994 to 1997

Year	16-29	30-39	40-49	50+
1994	16	35	30	20
1995	16	34	32	18
1996	13	34	34	19
1997	11	33	35	21

Part 3. Percentage of Men in Different Occupational Groups, 1994 to 1997

	Office Management and Administration	Engineering, Scientific, and Health Care	Technical Support	Service
1994	35	13	22	18
1995	30	15	13	3
1996	30	14	13	3
1997	30	14	12	3

	Security	Craft and Repair	Production Technicians	Material Handlers
1994	*	12	*	*
1995	14	11	10	4
1996	14	11	11	4
1997	15	10	12	4

*These employees were included in various categories in 1994.

Part 4. Percentage of Women in Different Occupational Groups, 1994 to 1997

	Office Management and Administration	Engineering, Scientific, and Health Care	Technical Support	Service
1994	64	8	16	11
1995	57	8	16	4
1996	57	7	17	3
1997	57	7	14	4

	Security	Craft and Repair	Production Technicians	Material Handlers
1994	*	<1	*	*
1995	6	1	6	3
1996	6	1	6	3
1997	6	1	8	3

*These employees were included in various categories in 1994.

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Appendix D. Total Number of Workers Who Reported at Least One Absence by Gender, Age, and Occupation

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Occupational Group											
Office Management and Administration	0	11	26	14	51	1	4	18	19	42	93
Engineering, Scientific, and Health Care	2	0	3	0	5	0	4	4	7	15	20
Technical Support	0	4	7	1	12	2	5	7	10	24	36
Service	1	3	2	3	9	3	3	1	5	12	21
Security	1	3	5	0	9	0	11	13	5	29	38
Craft and Repair	0	0	0	0	0	1	4	14	14	33	33
Production Technicians	0	4	4	6	14	2	11	13	24	50	64
Material Handlers	0	3	1	0	4	0	6	9	6	21	25
Total	4	28	48	24	104	9	48	79	90	226	330

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Appendix E. Total Number of Absences by Gender, Age, and Occupation

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Occupational Group											
Office Management and Administration	0	12	34	16	62	1	4	20	21	46	108
Engineering, Scientific, and Health Care	2	0	4	0	6	0	5	4	7	16	22
Technical Support	0	4	7	1	12	2	5	7	11	25	37
Service	1	3	2	3	9	3	4	1	6	14	23
Security	2	6	6	0	14	0	11	15	7	33	47
Craft and Repair	0	0	0	0	0	1	6	15	20	42	42
Production Technicians	0	4	4	6	14	2	18	16	27	63	77
Material Handlers	0	3	1	0	4	0	13	11	7	31	35
Total	5	32	58	26	121	9	66	89	106	270	391

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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	4	21	29	19	73	6	45	59	58	168	241
15 - 28	0	7	11	3	21	1	13	17	19	50	71
29 - 42	1	0	7	2	10	0	7	2	13	22	32
43 - 56	0	2	8	1	11	1	0	3	7	11	22
57 - 91	0	2	2	1	5	1	1	7	5	14	19
92 - 182	0	0	0	0	0	0	0	0	4	4	4
183 +	0	0	1	0	1	0	0	1	0	1	2
Total	5	32	58	26	121	9	66	89	106	270	391

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

	Women								Men								
	Occupational Group								Occupational Group								
	Off-ice Management and Administration	Engineering, Scientific and Health Care	Technical Support	Service	Security	Production Technicians	Material Handlers	Total	Off-ice Management and Administration	Engineering, Scientific and Health Care	Technical Support	Service	Security	Craft and Repair	Production Technicians	Material Handlers	Total
# of Calendar Days																	
< 15	36	2	8	7	9	7	4	73	24	7	15	10	22	24	41	25	168
15 - 28	15	0	1	2	3	0	0	21	11	5	3	2	4	8	12	5	50
29 - 42	6	2	0	0	1	1	0	10	4	3	2	0	5	4	4	0	22
43 - 56	3	1	2	0	1	4	0	11	2	0	1	0	1	3	3	1	11
57 - 91	2	1	0	0	0	2	0	5	3	1	2	1	1	3	3	0	14
92 - 182	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	4
183 +	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	62	6	12	9	14	14	4	121	46	16	25	14	33	42	63	31	270

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

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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 +			
Diagn- ostic Categ- ory	ICD-9- CM Code Category												
	INFEC- TIOUS & PARAS- ITIC DISEA- SES (DIS)	001- 139											
			1	0	2	1	4	0	3	2	1	6	10
-Other Bacte- rial Dis	030- 041		1	0	0	0	1	0	0	0	0	0	1
-Viral Dis with Exant- hem	050- 057		0	0	0	1	1	0	0	0	0	0	1
-Other Viral Dis & Chlam- ydiae	070- 079		0	0	1	0	1	0	3	2	1	6	7
-Syph- ilis & Other Vener- eal Dis	090- 099		0	0	1	0	1	0	0	0	0	0	1
MALIG- NANT NEOPL- ASMS	140- 208, 230- 234		0	2	6	0	8	0	1	0	7	8	16

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

(CONTINUED)

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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 +		
Diagn- ostic Categ- ory	ICD-9- CM Code Category											
-Resp- irato- ry & Intra- thora- cic	160- 165	0	0	5	0	5	0	0	0	0	0	5
-Bone, Conne- ctive Tissu- e, Skin	170- 173, 176	0	0	0	0	0	0	1	0	0	1	1
-Geni- tour- inary	179- 189	0	0	0	0	0	0	0	0	4	4	4
-Other & Unspe- cified Sites	190, 193- 199	0	0	1	0	1	0	0	0	2	2	3
-Lymph- hatic & Hemat- opoie- tic	200- 208	0	2	0	0	2	0	0	0	0	0	2
-Carc- inoma in situ	230- 234	0	0	0	0	0	0	0	0	1	1	1
BENIGN & UNCER- TAIN NEOPL- ASMS	210- 229, 235- 239	0	1	3	0	4	0	0	1	4	5	9

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

(CONTINUED)

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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 +			
Diagn- ostic Categ- ory	ICD-9- CM Code Category												
	ENDOC- RINE/- 240- 279 METAB- OLIC/- IMMUN- ITY	0	0	1	1	2	0	2	3	5	10	12	
	-Thyr- oid Gland Disor- ders	240- 246	0	0	1	0	1	0	0	0	0	0	1
	-Other Endoc- rine Gland Dis	250- 259	0	0	0	0	0	0	0	2	3	5	5
	-Other Metab- olic & Immun- ity Disor- ders	270- 279	0	0	0	1	1	0	2	1	2	5	6
	BLOOD & BLOOD- FORMI- NG ORGANS	280- 289	0	1	0	0	1	0	0	0	0	0	1
	MENTAL DISOR- DERS	290- 319	0	2	3	0	5	0	3	5	2	10	15
	-Pscyh- oses	290- 299	0	0	2	0	2	0	1	1	0	2	4

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

(CONTINUED)

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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 +		
Diagn- ostic Categ- ory	ICD-9- CM Code Category											
-Non- Psych- otic Disor- ders	300- 302, 306- 316	0	2	1	0	3	0	2	4	2	8	11
NERVO- US SYSTEM (NS) & SENSE ORGANS	320- 389	0	5	5	6	16	2	3	3	11	19	35
-Infl- ammato- ry Dis of Centr- al NS	320- 326	0	0	0	0	0	1	0	0	0	1	1
-Here- ditar- y/Deg- enera- tive Centr- al NS Dis	330- 337	0	0	0	0	0	0	0	0	1	1	1
-Other Disor- ders of Centr- al NS	340- 349	0	2	0	0	2	0	0	0	0	0	2
-Disor- ders of Perip- heral NS	350- 359	0	0	4	2	6	0	1	1	4	6	12

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

(CONTINUED)

PANTEX 1997

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 +		
Diagn- ostic Categ- ory	ICD-9- CM Code Category											
-Diso- rders of Eye	360- 379	0	0	1	2	3	1	0	2	5	8	11
-Dis of Ear & Masto- id	380- 389	0	3	0	2	5	0	2	0	1	3	8
CIRCU- LATORY SYSTEM	390- 459	0	0	1	0	1	0	1	9	22	32	33
-Hype- rtens- ive Dis	401- 405	0	0	0	0	0	0	0	3	6	9	9
-Isch- emic Heart Dis	410- 414	0	0	0	0	0	0	1	5	12	18	18
-Other Heart Dis	420- 429	0	0	0	0	0	0	0	1	0	1	1
-Dis of Arter- ies & Capil- laries	440- 448	0	0	0	0	0	0	0	0	2	2	2
-Dis of Veins, Lymph- atics, Other	451- 459	0	0	1	0	1	0	0	0	2	2	3

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

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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 +		
Diagn- ostic Categ- ory	ICD-9- CM Code Category											
RESPI- RATORY SYSTEM	460- 519	3	10	8	13	34	1	20	14	24	59	93
-Acute Respi- ratory Infec- tions	460- 466	1	5	5	5	16	1	7	4	8	20	36
-Other Dis Upper Respi- ratory Tract	470- 478	0	1	0	1	2	0	9	5	6	20	22
-Pneu- monia & Influ- enza	480- 487	1	2	2	3	8	0	1	0	6	7	15
-Chro- nic Obstr- uctive Dis	490- 496	1	2	1	4	8	0	3	5	3	11	19
-Other Respi- ratory Dis	510- 519	0	0	0	0	0	0	0	0	1	1	1
DIGES- TIVE SYSTEM	520- 579	1	4	3	0	8	2	7	15	20	44	52

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

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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 +		
Diagn- ostic Categ- ory	ICD-9- CM Code Category											
-Esop- hagus, Stoma- ch, Duode- num	530- 537	1	0	0	0	1	0	2	0	2	4	5
-Appe- ndici- tis	540- 543	0	0	1	0	1	0	0	1	0	1	2
-Hern- ia	550- 553	0	0	0	0	0	1	3	9	8	21	21
-Ente- ritis, Colit- is	555- 558	0	2	0	0	2	0	1	2	6	9	11
-Other Intes- tinal Dis	560- 569	0	0	0	0	0	0	1	0	1	2	2
-Other Diges- tive Dis	570- 579	0	2	2	0	4	1	0	3	3	7	11
GENIT- OURIN- ARY SYSTEM	580- 629	0	5	6	0	11	1	1	0	1	3	14
-Other Urina- ry Dis	590- 599	0	1	0	0	1	1	1	0	0	2	3
-Male Genit- al Organ Dis	600- 608	0	0	0	0	0	0	0	0	1	1	1

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

(CONTINUED)

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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 +		
Diagn- ostic Categ- ory	ICD-9- CM Code Category											
-Brea- st Disor- ders	610- 611	0	0	1	0	1	0	0	0	0	0	1
-Other Female Disor- ders	617- 629	0	4	5	0	9	0	0	0	0	0	9
SKIN & SUBCU- TANEO- US TISSUE	680- 709	0	0	1	0	1	0	2	5	2	9	10
-Infe- ctions	680- 686	0	0	0	0	0	0	1	3	1	5	5
-Other Infla- mmato- ry Condi- tions	690- 698	0	0	0	0	0	0	0	1	0	1	1
-Other	700- 709	0	0	1	0	1	0	1	1	1	3	4
MUSCU- LOSKE- LETAL & CONNE- CTIVE TISSUE	710- 739	2	7	11	7	27	1	17	30	27	75	102
-Arth- ropat- hies	710- 719	1	1	3	0	5	0	4	6	8	18	23

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

(CONTINUED)

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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 +		
Diagn- ostic Categ- ory	ICD-9- CM Code Category											
-Dors- opath- ies	720- 724	1	4	4	1	10	1	6	19	9	35	45
-Rheu- matis- m, Exclu- ding Back	725- 729	0	0	2	3	5	0	5	4	7	16	21
-Other Dis & Acqui- red Defor- mities	730- 739	0	2	2	3	7	0	2	1	3	6	13
CONGE- NITAL ANOMA- LIES	740- 759	0	0	0	0	0	0	1	0	0	1	1
SYMPT- OMS, SIGNS, & ILL- DEFIN- ED COND.	780- 799	0	3	4	3	10	0	8	8	16	32	42
-Symp- toms	780- 789	0	3	4	3	10	0	6	6	13	25	35
-Non- Speci- fic Abnor- mal Findi- ngs	790- 796	0	0	0	0	0	0	2	2	3	7	7

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

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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 +		
Diagn- ostic Categ- ory	ICD-9- CM Code Category											
INJURY AND POISO- NING	800- 999	1	8	14	5	28	3	18	23	17	61	89
-Frac- ture - Neck, Trunk	805- 809	0	2	0	0	2	0	0	1	3	4	6
-Frac- ture - Upper Limb	810- 819	0	2	0	1	3	0	0	1	3	4	7
-Frac- ture - Lower Limb	820- 829	1	0	1	0	2	1	2	3	0	6	8
-Disl- ocati- on	830- 839	0	0	1	1	2	1	0	3	5	9	11
-Spr- ains & Strai- ns - Back	846- 847	0	2	2	2	6	0	5	4	0	9	15
-Spr- ains & Strai- ns - Other	840- 845, 848	0	1	7	1	9	0	6	6	3	15	24
-Intr- acran- ial Injury	850- 854	0	1	0	0	1	0	0	1	0	1	2

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

(CONTINUED)

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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 +		
Diagn- ostic Categ- ory	ICD-9- CM Code											
-Inte- rnal Injury Thora- x, Abdom- en, Pelvis	860- 869	0	0	0	0	0	0	0	0	1	1	1
-Open Wound Upper Limb	880- 887	0	0	0	0	0	0	1	0	0	1	1
-Open Wound Lower Limb	890- 897	0	0	0	0	0	0	0	1	0	1	1
-Cont- usion	920- 924	0	0	0	0	0	0	0	2	1	3	3
-Comp- licat- ions & Unspe- cified Injur- ies	958- 959	0	0	2	0	2	0	4	1	0	5	7
-Comp- licat- ions of Surgi- cal/M- edical Care	996- 999	0	0	1	0	1	1	0	0	1	2	3

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

(CONTINUED)

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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 +		
Diagn- ostic Categ- ory	ICD-9- CM Code Category											
HEALTH STATU- S/HEA- LTH SERVI- CE CONTA- CT	V01- V82	0	0	2	0	2	0	1	1	0	2	4
-Pers- onal & Family Histo- ry	V10- V19	0	0	0	0	0	0	0	1	0	1	1
-Heal- th Servi- ces Repro- ducti- on/De- velop- ment	V20- V29	0	0	0	0	0	0	1	0	0	1	1
-Spec- ific Proce- dures- /Afte- rcare	V50- V59	0	0	2	0	2	0	0	0	0	0	2
Total		8	48	70	36	162	10	88	119	159	376	538

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

PANTEX 1997

Appendix I. Total Number of Calendar Days Absent 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 +		
Infections/Parasites	7	0	20	14	41	0	23	18	10	51	92
Cancers	0	32	166	0	198	0	13	0	229	242	440
Benign Growths	0	50	132	0	182	0	0	18	40	58	240
Endocrine/Metabolic	0	0	39	12	51	0	15	42	140	197	248
Blood	0	50	0	0	50	0	0	0	0	0	50
Mental	0	15	30	0	45	0	43	58	44	145	190
Nervous System	0	77	110	155	342	101	52	28	227	408	750
Heart/Circulatory	0	0	10	0	10	0	7	251	561	819	829
Lung/Respiratory	21	55	89	101	266	7	123	108	210	448	714
Digestive	12	109	36	0	157	19	105	200	353	677	834
Genitourinary	0	116	207	0	323	7	7	0	14	28	351
Skin	0	0	25	0	25	0	38	37	49	124	149
Muscles and Skeleton	54	56	291	127	528	7	298	815	623	1743	2271

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

(CONTINUED)

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Appendix 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 +		
Diagnos- tic Category											
Existing Birth Condi- tion	0	0	0	0	0	0	27	0	0	27	27
Unspeci- fied Symptoms	0	35	130	30	195	0	90	187	152	429	624
Injury and Poisoni- ng	7	107	472	84	670	64	261	429	441	1195	1865

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

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

		Women							
		Occupational Group							Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code								
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	0	0	0	1	2	0	4
-Other Bacterial Dis	030-041	0	0	0	0	1	0	0	1
-Viral Dis with Exanthem	050-057	0	0	0	0	0	1	0	1
-Other Viral Dis & Chlamydiae	070-079	1	0	0	0	0	0	0	1
-Syphilis & Other Venereal Dis	090-099	0	0	0	0	0	1	0	1
MALIGNANT NEOPLASMS	140-208, 230- 234	6	0	0	0	2	0	0	8
-Respiratory & Intrathoracic	160-165	5	0	0	0	0	0	0	5
-Other & Unspecified Sites	190, 193-199	1	0	0	0	0	0	0	1
-Lymphatic & Hematopoietic	200-208	0	0	0	0	2	0	0	2
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	2	0	0	0	0	2	0	4

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

(CONTINUED)

PANTEX 1997

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

		Women							
		Occupational Group							Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code								
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	1	0	0	0	1	0	0	2
-Thyroid Gland Disorders	240-246	0	0	0	0	1	0	0	1
-Other Metabolic & Immunity Disorders	270-279	1	0	0	0	0	0	0	1
BLOOD & BLOOD FORMING ORGANS	280-289	0	0	0	0	0	1	0	1
MENTAL DISORDERS	290-319	5	0	0	0	0	0	0	5
-Psychoses	290-299	2	0	0	0	0	0	0	2
-Non- Psychotic Disorders	300-302, 306- 316	3	0	0	0	0	0	0	3
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	7	0	1	2	1	4	1	16
-Other Disorders of Central NS	340-349	2	0	0	0	0	0	0	2
-Disorders of Peripheral NS	350-359	2	0	0	1	0	3	0	6

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

(CONTINUED)

PANTEX 1997

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

		Women							
		Occupational Group							Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code								
-Disorders of Eye	360-379	2	0	0	0	1	0	0	3
-Dis of Ear & Mastoid	380-389	1	0	1	1	0	1	1	5
CIRCULATORY SYSTEM	390-459	0	0	0	0	1	0	0	1
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	0	1	0	0	1
RESPIRATORY SYSTEM	460-519	17	0	6	3	2	4	2	34
-Acute Respiratory Infections	460-466	9	0	4	1	1	0	1	16
-Other Dis Upper Respiratory Tract	470-478	0	0	1	0	0	1	0	2
-Pneumonia & Influenza	480-487	3	0	1	1	1	2	0	8
-Chronic Obstructive Dis	490-496	5	0	0	1	0	1	1	8
DIGESTIVE SYSTEM	520-579	3	0	0	2	2	1	0	8

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

(CONTINUED)

PANTEX 1997

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

		Women							
		Occupational Group							Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code								
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	1	0	0	1
-Appendicitis	540-543	1	0	0	0	0	0	0	1
-Enteritis, Colitis	555-558	0	0	0	0	1	1	0	2
-Other Digestive Dis	570-579	2	0	0	2	0	0	0	4
GENITOURINARY SYSTEM	580-629	6	1	2	1	1	0	0	11
-Other Urinary Dis	590-599	0	0	0	0	1	0	0	1
-Breast Disorders	610-611	0	0	1	0	0	0	0	1
-Other Female Disorders	617-629	6	1	1	1	0	0	0	9
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	1	0	0	1
-Other	700-709	0	0	0	0	1	0	0	1
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	10	3	1	2	6	5	0	27
-Arthropathi- es	710-719	3	1	0	0	1	0	0	5

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

(CONTINUED)

PANTEX 1997

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

		Women							
		Occupational Group							Total
		Offi- ce Mana- geme- nt and Admi- nistrati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code								
-Dorsopathies	720-724	3	1	1	2	2	1	0	10
-Rheumatism, Excluding Back	725-729	1	1	0	0	1	2	0	5
-Other Dis & Acquired Deformities	730-739	3	0	0	0	2	2	0	7
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	5	0	1	0	2	2	0	10
-Symptoms	780-789	5	0	1	0	2	2	0	10
INJURY AND POISONING	800-999	9	2	3	3	8	2	1	28
-Fracture - Neck, Trunk	805-809	0	0	1	0	1	0	0	2
-Fracture - Upper Limb	810-819	1	0	0	0	2	0	0	3
-Fracture - Lower Limb	820-829	0	1	1	0	0	0	0	2
-Dislocation	830-839	0	1	0	1	0	0	0	2
-Sprains & Strains - Back	846-847	2	0	0	2	2	0	0	6
-Sprains & Strains - Other	840-845, 848	6	0	1	0	1	1	0	9

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

(CONTINUED)

PANTEX 1997

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

		Women							
		Occupational Group							Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code								
-Intracranial Injury	850-854	0	0	0	0	1	0	0	1
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	1	0	1	2
-Complicatio- ns of Surgical/Med- ical Care	996-999	0	0	0	0	0	1	0	1
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	2	0	0	0	0	0	0	2
-Specific Procedures/A- ftercare	V50-V59	2	0	0	0	0	0	0	2
Total		74	6	14	13	28	23	4	162

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

(CONTINUED)

PANTEX 1997

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

		Men								
		Occupational Group								Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code									
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	2	0	1	0	0	0	3	0	6
-Other Viral Dis & Chlamydiae	070-079	2	0	1	0	0	0	3	0	6
MALIGNANT NEOPLASMS	140-208, 230- 234	1	2	0	1	1	2	1	0	8
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	1	0	0	0	1
-Genitourina- ry	179-189	0	2	0	0	0	2	0	0	4
-Other & Unspecified Sites	190, 193-199	0	0	0	1	0	0	1	0	2
-Carcinoma in situ	230-234	1	0	0	0	0	0	0	0	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	0	0	0	1	0	0	4	0	5
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	2	0	1	1	2	1	2	1	10
-Other Endocrine Gland Dis	250-259	2	0	1	0	0	1	1	0	5

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

(CONTINUED)

PANTEX 1997

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

		Men								
		Occupational Group								Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code									
-Other Metabolic & Immunity Disorders	270-279	0	0	0	1	2	0	1	1	5
MENTAL DISORDERS	290-319	2	3	1	0	0	0	1	3	10
-Psychoses	290-299	0	2	0	0	0	0	0	0	2
-Non- Psychotic Disorders	300-302, 306- 316	2	1	1	0	0	0	1	3	8
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	2	0	4	4	3	5	1	0	19
-Inflammatory Dis of Central NS	320-326	0	0	0	1	0	0	0	0	1
-Hereditary/- Degenerative Central NS Dis	330-337	0	0	1	0	0	0	0	0	1
-Disorders of Peripheral NS	350-359	1	0	0	0	1	4	0	0	6
-Disorders of Eye	360-379	0	0	2	3	2	0	1	0	8
-Dis of Ear & Mastoid	380-389	1	0	1	0	0	1	0	0	3

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

(CONTINUED)

PANTEX 1997

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

		Men								
		Occupational Group								Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code									
CIRCULATORY SYSTEM	390-459	9	1	2	1	4	6	8	1	32
-Hypertensive Dis	401-405	3	0	1	0	0	3	1	1	9
-Ischemic Heart Dis	410-414	6	1	0	0	2	3	6	0	18
-Other Heart Dis	420-429	0	0	1	0	0	0	0	0	1
-Dis of Arteries & Capillaries	440-448	0	0	0	1	0	0	1	0	2
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	0	2	0	0	0	2
RESPIRATORY SYSTEM	460-519	6	1	4	2	12	9	17	8	59
-Acute Respiratory Infections	460-466	3	0	1	1	3	0	9	3	20
-Other Dis Upper Respiratory Tract	470-478	2	1	0	0	4	5	4	4	20
-Pneumonia & Influenza	480-487	1	0	1	1	1	1	1	1	7

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

(CONTINUED)

PANTEX 1997

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

		Men								
		Occupational Group								Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code									
-Chronic Obstructive Dis	490-496	0	0	2	0	4	2	3	0	11
-Other Respiratory Dis	510-519	0	0	0	0	0	1	0	0	1
DIGESTIVE SYSTEM	520-579	9	4	3	2	4	5	9	8	44
-Esophagus, Stomach, Duodenum	530-537	0	0	0	0	0	2	2	0	4
-Appendicitis	540-543	0	0	0	0	0	1	0	0	1
-Hernia	550-553	7	2	1	1	1	1	3	5	21
-Enteritis, Colitis	555-558	2	0	2	0	2	0	2	1	9
-Other Intestinal Dis	560-569	0	0	0	0	0	1	1	0	2
-Other Digestive Dis	570-579	0	2	0	1	1	0	1	2	7
GENITOURINARY SYSTEM	580-629	0	0	0	0	0	1	2	0	3
-Other Urinary Dis	590-599	0	0	0	0	0	1	1	0	2
-Male Genital Organ Dis	600-608	0	0	0	0	0	0	1	0	1

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

(CONTINUED)

PANTEX 1997

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

		Men								
		Occupational Group								Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code									
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	2	1	0	5	1	9
-Infections	680-686	0	0	0	1	0	0	3	1	5
-Other Inflammatory Conditions	690-698	0	0	0	1	0	0	0	0	1
-Other	700-709	0	0	0	0	1	0	2	0	3
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	17	3	5	5	7	14	15	9	75
-Arthropathi- es	710-719	6	1	0	0	2	5	1	3	18
-Dorsopathies	720-724	9	1	5	2	2	6	8	2	35
-Rheumatism, Excluding Back	725-729	1	1	0	3	2	2	3	4	16
-Other Dis & Acquired Deformities	730-739	1	0	0	0	1	1	3	0	6
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	1	0	0	1
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	6	2	3	2	8	4	5	2	32

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

(CONTINUED)

PANTEX 1997

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

		Men								
		Occupational Group								Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code									
-Symptoms	780-789	4	2	3	2	7	2	4	1	25
-Non-Specific Abnormal Findings	790-796	2	0	0	0	1	2	1	1	7
INJURY AND POISONING	800-999	4	3	9	1	8	11	17	8	61
-Fracture - Neck, Trunk	805-809	0	0	3	0	0	1	0	0	4
-Fracture - Upper Limb	810-819	0	0	1	0	0	1	2	0	4
-Fracture - Lower Limb	820-829	1	1	0	0	1	2	1	0	6
-Dislocation	830-839	1	0	1	0	1	3	3	0	9
-Sprains & Strains - Back	846-847	1	1	0	1	0	0	2	4	9
-Sprains & Strains - Other	840-845, 848	0	0	2	0	3	2	7	1	15
-Intracranial Injury	850-854	0	0	0	0	0	0	0	1	1
-Internal Injury - Thorax, Abdomen, Pelvis	860-869	0	0	1	0	0	0	0	0	1

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

(CONTINUED)

PANTEX 1997

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

		Men								
		Occupational Group								Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code									
-Open Wound - Upper Limb	880-887	0	1	0	0	0	0	0	0	1
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	1	0	1
-Contusion	920-924	0	0	0	0	1	1	1	0	3
-Complicatio- ns & Unspecified Injuries	958-959	1	0	0	0	2	0	0	2	5
-Complicatio- ns of Surgical/Med- ical Care	996-999	0	0	1	0	0	1	0	0	2
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	0	0	0	0	0	0	1	2
-Personal & Family History	V10-V19	1	0	0	0	0	0	0	0	1
-Health Services Reproduction- /Development	V20-V29	0	0	0	0	0	0	0	1	1
Total		61	19	33	22	50	59	90	42	376

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

PANTEX 1997

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

	Women							
	Occupational Group							Total
	Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category								
Infections/Parasites	7	0	0	0	7	27	0	41
Cancers	166	0	0	0	32	0	0	198
Benign Growths	86	0	0	0	0	96	0	182
Endocrine/Metabolic	12	0	0	0	39	0	0	51
Blood	0	0	0	0	0	50	0	50
Mental	45	0	0	0	0	0	0	45
Nervous System	109	0	10	27	11	178	7	342
Heart/Circulatory	0	0	0	0	10	0	0	10
Lung/Respiratory	150	0	29	21	27	21	18	266
Digestive	36	0	0	8	33	80	0	157
Genitourinary	233	42	19	8	21	0	0	323
Skin	0	0	0	0	25	0	0	25
Muscles and Skeleton	120	152	44	16	84	112	0	528
Unspecified Symptoms	47	0	54	0	41	53	0	195
Injury and Poisoning	219	18	250	42	113	21	7	670

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

(CONTINUED)

PANTEX 1997

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

	Men								
	Occupational Group								Total
	Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category									
Infections/Parasites	21	0	7	0	0	0	23	0	51
Cancers	13	18	0	113	13	78	7	0	242
Benign Growths	0	0	0	7	0	0	51	0	58
Endocrine/Metabolic	34	0	88	14	23	10	21	7	197
Mental	44	61	11	0	0	0	8	21	145
Nervous System	20	0	119	113	53	95	8	0	408
Heart/Circulatory	272	13	97	14	89	122	204	8	819
Lung/Respiratory	59	29	28	14	103	58	113	44	448
Digestive	208	71	64	19	59	100	86	70	677
Genitourinary	0	0	0	0	0	7	21	0	28
Skin	0	0	0	7	20	0	90	7	124
Muscles and Skeleton	464	98	261	30	175	233	338	144	1743
Existing Birth Condition	0	0	0	0	0	27	0	0	27
Unspecified Symptoms	142	50	45	35	75	24	43	15	429
Injury and Poisoning	65	47	329	8	154	324	197	71	1195

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

PANTEX 1997

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

Diagnostic Category	Office Management and Administration 1,254 Person-Years				Engineering, Scientific, and Health Care 406 Person-Years				Technical Support 421 Person-Years		
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***
All Diagnostic Categories	93	0.6	0.4	0.7	20	0.5	0.3	0.8	36	0.9	0.6
Infectious & Parasitic Diseases	3	0.7	0.2	2.7	0				1	0.9	0.1
Malignant Neoplasms	2	0.4	0.1	2.2	2	2.2	0.4	10.6	0		
Benign & Uncertain Neoplasms	2	0.3	0.04	1.8	0				0		
Endocrine/Metabolic/Immunity	3	0.5	0.1	2.1	0				1	0.7	0.1
Mental Disorders	4	1.4	0.3	7.3	2	2.4	0.5	12.5	1	0.9	0.1
Nervous System & Sense Organs	7	0.3	0.1	0.8	0				5	1.3	0.5
Circulatory System	8	0.8	0.4	1.7	1	0.3	0.04	2.0	2	0.6	0.1
Respiratory System	20	0.5	0.3	0.9	1	0.1	0.02	0.9	8	0.9	0.4
Digestive System	10	0.6	0.3	1.2	4	0.8	0.3	2.2	3	0.6	0.2
Genitourinary System	6	0.7	0.2	2.3	1	0.8	0.1	5.4	2	1.0	0.2
Skin & Subcutaneous Tissue	0				0				0		
Musculoskeletal & Connective Tissue	25	0.6	0.4	1.0	6	0.6	0.3	1.3	5	0.4	0.2
Symptoms, Signs, & Ill-Defined Cond.	10	0.5	0.2	1.2	2	0.4	0.1	1.8	4	0.8	0.3
Injury & Poisoning	13	0.3	0.2	0.6	5	0.6	0.2	1.5	10	1.2	0.6
Dislocation	1	0.2	0.03	1.3	1	0.8	0.1	5.6	1	0.8	0.1
Sprains & Strains-Back	3	0.4	0.1	1.7	1	1.0	0.1	8.3	0		
Sprains & Strains-Other	6	0.4	0.1	1.4	0				3	1.1	0.3

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

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

*** CI = Confidence Limit

(CONTINUED)

PANTEX 1997

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

Diagnostic Category	Service 108 Person-Years				Security 423 Person-Years				Craft and Repair 260 Person-Years		
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***
All Diagnostic Categories	21	2.1	1.3	3.2	38	1.0	0.7	1.5	33	1.3	0.9
Infectious & Parasitic Diseases	0				1	0.9	0.1	7.0	0		
Malignant Neoplasms	1	3.9	0.5	30.7	2	3.6	0.6	22.8	1	1.3	0.2
Benign & Uncertain Neoplasms	1	3.7	0.5	29.4	0				0		
Endocrine/Metabolic/Immunity	1	2.9	0.4	22.4	3	2.8	0.7	11.2	1	0.9	0.1
Mental Disorders	0				0				0		
Nervous System & Sense Organs	4	4.1	1.4	11.9	4	1.6	0.5	4.9	5	3.5	1.2
Circulatory System	1	1.3	0.2	9.9	4	1.5	0.6	4.1	3	1.0	0.3
Respiratory System	4	1.8	0.7	5.0	10	1.4	0.7	2.7	5	1.1	0.4
Digestive System	2	1.8	0.4	7.5	6	1.3	0.5	3.2	3	0.7	0.2
Genitourinary System	1	2.0	0.3	15.1	1	0.8	0.1	6.2	1	4.0	0.4
Skin & Subcutaneous Tissue	1	4.2	0.5	33.1	2	1.7	0.4	8.0	0		
Musculoskeletal & Connective Tissue	5	1.9	0.8	4.7	10	1.0	0.5	1.9	13	2.0	1.1
Symptoms, Signs, & Ill-Defined Cond.	2	1.7	0.4	7.1	8	2.0	0.9	4.3	3	0.9	0.3
Injury & Poisoning	4	1.8	0.7	5.1	11	1.4	0.7	2.8	10	2.2	1.1
Dislocation	1	3.4	0.4	28.4	1	1.1	0.1	9.7	2	2.6	0.5
Sprains & Strains-Back	3	10.8	2.8	41.6	2	1.7	0.4	7.3	0		
Sprains & Strains-Other	0				4	1.8	0.6	5.6	2	1.4	0.3

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

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

*** CI = Confidence Limit

(CONTINUED)

PANTEX 1997

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

Diagnostic Category	Production Technicians 359 Person-Years				Material Handlers 131 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	64	2.1	1.6	2.7	25	2.0	1.3	3.0	330
Infectious & Parasitic Diseases	4	7.5	2.0	28.3	0				9
Malignant Neoplasms	1	1.0	0.1	8.4	0				9
Benign & Uncertain Neoplasms	6	20.4	4.8	88.1	0				9
Endocrine/Metabolic/Immunity	2	1.6	0.4	7.4	1	2.2	0.3	17.1	12
Mental Disorders	1	1.1	0.1	9.2	1	3.0	0.4	24.0	9
Nervous System & Sense Organs	5	1.7	0.6	4.3	1	0.9	0.1	6.1	31
Circulatory System	7	2.7	1.2	6.5	1	0.9	0.1	6.9	27
Respiratory System	14	2.2	1.2	4.0	7	2.8	1.3	6.1	69
Digestive System	7	1.7	0.8	3.9	5	3.6	1.4	9.2	40
Genitourinary System	2	1.9	0.4	9.3	0				14
Skin & Subcutaneous Tissue	5	10.8	2.8	42.3	1	2.8	0.4	22.8	9
Musculoskeletal & Connective Tissue	16	1.9	1.1	3.3	7	2.1	1.0	4.6	87
Symptoms, Signs, & Ill-Defined Cond.	7	1.9	0.8	4.2	2	1.3	0.3	5.5	38
Injury & Poisoning	12	1.8	1.0	3.4	5	1.9	0.8	4.7	70
Dislocation	3	3.5	0.9	14.0	0				10
Sprains & Strains-Back	1	0.9	0.1	7.4	1	2.5	0.3	19.8	11
Sprains & Strains-Other	6	3.6	1.4	9.4	1	1.1	0.2	8.5	22

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

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

*** CI = Confidence Limit

Appendix M. Sentinel Health Events for Occupations (SHEO)

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

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

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

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

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

(CONTINUED)

Appendix M. Sentinel Health Events for Occupations (SHEO)

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

(CONTINUED)

Appendix M. Sentinel Health Events for Occupations (SHEO)

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

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OSHA DATA

Appendix N. Number of Workers with at Least One OSHA Event by Gender, Age, and Occupation

	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Occupational Group											
Office Management and Administration	0	6	6	2	14	0	0	3	3	6	20
Engineering, Scientific, and Health Care	0	0	0	0	0	0	3	0	2	5	5
Technical Support	1	3	3	0	7	1	0	6	3	10	17
Service	1	0	0	2	3	0	4	0	1	5	8
Security	4	2	3	0	9	0	17	4	1	22	31
Craft and Repair	0	0	1	0	1	0	6	3	4	13	14
Production Technicians	0	0	2	2	4	2	3	5	1	11	15
Material Handlers	0	1	2	2	5	0	4	5	3	12	17
Total	6	12	17	8	43	3	37	26	18	84	127

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OSHA DATA

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

	Women			Men			Total		
	# of Events	Days Restr-icted	Days Lost	# of Events	Days Restr-icted	Days Lost	# of Events	Days Restr-icted	Days Lost
Age Group									
16 - 29	7	103	9	3	47	30	10	150	39
30 - 39	12	107	3	39	382	122	51	489	125
40 - 49	17	226	136	26	510	53	43	736	189
50 +	8	84	15	18	202	78	26	286	93
Total	44	520	163	86	1141	283	130	1661	446

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OSHA DATA

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

	Women			Men			Total		
	# of Events	Days Restr-icted	Days Lost	# of Events	Days Restr-icted	Days Lost	# of Events	Days Restr-icted	Days Lost
Occupational Group									
Office Management and Administration	14	55	105	6	29	40	20	84	145
Engineering, Scientific, and Health Care	0	0	0	5	3	6	5	3	6
Technical Support	7	153	17	10	146	0	17	299	17
Service	3	34	2	6	68	32	9	102	34
Security	10	160	25	23	163	35	33	323	60
Craft and Repair	1	0	0	13	248	81	14	248	81
Production Technicians	4	32	4	11	318	38	15	350	42
Material Handlers	5	86	10	12	166	51	17	252	61
Total	44	520	163	86	1141	283	130	1661	446

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OSHA DATA

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

		Women					Men					Total
		Age Group				Total	Age Group				Total	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
MENTAL DISORDERS	290-319	0	2	0	1	3	0	0	0	0	0	3
-Non-Psychotic Disorders	300-302, 306-316	0	2	0	1	3	0	0	0	0	0	3
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	2	0	2	0	0	0	0	0	2
-Disorders of Peripheral NS	350-359	0	0	2	0	2	0	0	0	0	0	2
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	1	0	1	0	3	2	0	5	6
-Infections	680-686	0	0	1	0	1	0	0	0	0	0	1
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	3	2	0	5	5
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	2	2	0	4	0	4	0	1	5	9
-Arthropathies	710-719	0	0	1	0	1	0	1	0	0	1	2
-Dorsopathies	720-724	0	0	0	0	0	0	1	0	0	1	1
-Rheumatism, Excluding Back	725-729	0	2	1	0	3	0	2	0	1	3	6
SYMPTOMS, SIGNS, & ILL-DEFINED COND.	780-799	1	0	0	0	1	0	1	0	0	1	2
-Symptoms	780-789	1	0	0	0	1	0	1	0	0	1	2

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

(CONTINUED)

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OSHA DATA

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

		Women					Men					Total
		Age Group				Total	Age Group				Total	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
INJURY AND POISONING	800-999	8	8	13	9	38	5	34	29	19	87	125
-Fracture - Skull	800-804	0	0	0	1	1	0	0	0	0	0	1
-Fracture - Upper Limb	810-819	3	1	0	0	4	0	0	0	1	1	5
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	2	2	4	4
-Dislocation	830-839	0	0	0	0	0	0	0	1	0	1	1
-Sprains & Strains - Back	846-847	1	2	0	0	3	0	8	4	3	15	18
-Sprains & Strains - Other	840-845, 848	2	3	3	2	10	0	14	9	3	26	36
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	1	0	1	2	2
-Open Wound - Upper Limb	880-887	0	1	0	2	3	1	2	1	3	7	10
-Open Wound - Lower Limb	890-897	0	0	1	0	1	0	1	0	0	1	2
-Superficial Injury	910-919	0	0	0	0	0	0	1	6	2	9	9
-Contusion	920-924	2	0	6	3	11	2	2	3	3	10	21
-Crushing Injury	925-929	0	0	0	0	0	0	1	0	0	1	1
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	1	0	0	1	1

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

(CONTINUED)

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OSHA DATA

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

		Women					Men					Total
		Age Group				Total	Age Group				Total	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code											
-Burns	940-949	0	0	0	0	0	0	2	2	1	5	5
-Injury to Nerves & Spinal Cord	950-957	0	0	1	0	1	0	0	0	0	0	1
-Complications & Unspecified Injuries	958-959	0	1	1	1	3	2	1	0	0	3	6
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	0	0	0	1	0	1	1
-Unspecified Effects - External Causes	990-995	0	0	1	0	1	0	0	0	0	0	1
Total		9	12	18	10	49	5	42	31	20	98	147

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

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OSHA DATA

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	0	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	15	15	0	0
-Infections	680-686	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	116	19	0	0
-Symptoms	780-789	0	0	0	0	0	0	0	0
-Fracture - Skull	800-804	0	0	0	0	0	0	0	1
-Fracture - Upper Limb	810-819	58	4	86	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	13	2	0	0	0	0
-Sprains & Strains - Other	840-845, 848	36	4	8	0	24	0	71	10
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	13	0
-Open Wound - Lower Limb	890-897	0	0	0	0	55	1	0	0

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

(CONTINUED)

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OSHA DATA

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Contusion	920-924	9	1	0	0	15	0	4	0
-Injury to Nerves & Spinal Cord	950-957	0	0	0	0	0	101	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	1	1	0	0	4
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	0	0

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

(CONTINUED)

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OSHA DATA

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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Other Inflammatory Conditions	690-698	0	0	0	4	47	0	0	0
-Arthropathies	710-719	0	0	14	0	0	0	0	0
-Dorsopathies	720-724	0	0	41	23	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	17	0	0	23	19
-Symptoms	780-789	0	0	1	0	0	0	0	0
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	47	0
-Fracture - Lower Limb	820-829	0	0	0	0	83	36	0	19
-Dislocation	830-839	0	0	0	0	29	0	0	0
-Sprains & Strains - Back	846-847	0	0	185	41	22	0	61	19
-Sprains & Strains - Other	840-845, 848	0	0	109	18	310	17	49	21
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	1	0	4	0	7	0	22	0

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

(CONTINUED)

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OSHA DATA

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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Open Wound - Lower Limb	890-897	0	0	0	3	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	36	7	0	0
-Contusion	920-924	37	30	21	15	47	0	29	21
-Crushing Injury	925-929	0	0	6	1	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0
-Burns	940-949	0	0	2	0	0	0	0	0
-Complicatio- ns & Unspecified Injuries	958-959	9	0	0	1	0	0	0	0
-Toxic Effects - Nonmedicinal	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 with at least one occurrence appear in this table.

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OSHA DATA

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

		Women					Men					Total
		Age Group				Total	Age Group				Total	
		16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Type of Accident	E Codes											
Falls	E880-E888	0	0	1	0	1	0	1	0	0	1	2
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	2	1	3	3
Other Accidents	E916-E928	1	1	0	1	3	1	3	2	1	7	10

*Only those accident types with at least one occurrence appear in this table.

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OSHA DATA

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

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		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	101	0	0
Other Accidents	E916-E928	6	2	0	1	0	0	0	4

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

(CONTINUED)

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OSHA DATA

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

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		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	21	15	0	0	0	0
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	9	0	9	17	36	0	0	0

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

PANTEX 1997

OSHA DATA

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

		Women							
		Occupational Group							Total
		Office Management and Administ- ration	Technical Support	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code								
MENTAL DISORDERS	290-319	3	0	0	0	0	0	0	3
-Non- Psychotic Disorders	300-302, 306- 316	3	0	0	0	0	0	0	3
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	1	0	0	0	0	0	2
-Disorders of Peripheral NS	350-359	1	1	0	0	0	0	0	2
SKIN & SUBCUTANEOUS TISSUE	680-709	0	1	0	0	0	0	0	1
-Infections	680-686	0	1	0	0	0	0	0	1
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	2	0	0	1	1	0	0	4
-Arthropathi- es	710-719	0	0	0	0	1	0	0	1
-Rheumatism, Excluding Back	725-729	2	0	0	1	0	0	0	3

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

(CONTINUED)

PANTEX 1997

OSHA DATA

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

		Women								
		Occupational Group							Total	
		Office Management and Adminis- tration	Technical Support	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers		
Diagnostic Category	ICD-9-CM Code									
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	0	0	0	1	0	0	0	0	1
-Symptoms	780-789	0	0	0	1	0	0	0	0	1
INJURY AND POISONING	800-999	8	5	5	10	1	4	5	38	
-Fracture - Skull	800-804	0	0	1	0	0	0	0	0	1
-Fracture - Upper Limb	810-819	0	2	0	2	0	0	0	0	4
-Sprains & Strains - Back	846-847	1	0	0	2	0	0	0	0	3
-Sprains & Strains - Other	840-845, 848	1	1	2	3	0	1	2	10	
-Open Wound - Upper Limb	880-887	0	1	0	0	0	1	1	3	
-Open Wound - Lower Limb	890-897	1	0	0	0	0	0	0	0	1
-Contusion	920-924	3	1	2	3	1	1	0	11	
-Injury to Nerves & Spinal Cord	950-957	1	0	0	0	0	0	0	0	1

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

(CONTINUED)

PANTEX 1997

OSHA DATA

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

		Women							
		Occupational Group							Total
		Office Management and Administ- ration	Technical Support	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code								
-Complicatio- ns & Unspecified Injuries	958-959	1	0	0	0	0	1	1	3
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	1	1
Total		14	7	5	12	2	4	5	49

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

(CONTINUED)

PANTEX 1997

OSHA DATA

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

		Men								
		Occupational Group								Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code									
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	1	0	4	0	0	0	5
-Other Inflammatory Conditions	690-698	0	0	1	0	4	0	0	0	5
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	0	0	0	1	1	2	0	1	5
-Arthropathi- es	710-719	0	0	0	0	1	0	0	0	1
-Dorsopathies	720-724	0	0	0	0	0	1	0	0	1
-Rheumatism, Excluding Back	725-729	0	0	0	1	0	1	0	1	3
SYMPTOMS, SIGNS, & ILL- DEFINED COND.	780-799	0	0	0	1	0	0	0	0	1
-Symptoms	780-789	0	0	0	1	0	0	0	0	1
INJURY AND POISONING	800-999	9	5	9	6	21	12	14	11	87
-Fracture - Upper Limb	810-819	0	0	1	0	0	0	0	0	1

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

(CONTINUED)

PANTEX 1997

OSHA DATA

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

		Men								
		Occupational Group								Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code									
-Fracture - Lower Limb	820-829	1	1	1	0	0	1	0	0	4
-Dislocation	830-839	0	0	0	0	0	0	0	1	1
-Sprains & Strains - Back	846-847	0	1	2	2	4	1	1	4	15
-Sprains & Strains - Other	840-845, 848	2	1	0	1	11	3	5	3	26
-Open Wound - Head, Neck, Trunk	870-879	0	1	0	0	0	1	0	0	2
-Open Wound - Upper Limb	880-887	0	0	2	0	0	2	2	1	7
-Open Wound - Lower Limb	890-897	0	0	0	0	1	0	0	0	1
-Superficial Injury	910-919	1	1	1	0	2	2	1	1	9
-Contusion	920-924	3	0	1	2	0	1	3	0	10
-Crushing Injury	925-929	0	0	0	0	0	1	0	0	1
-Foreign Body Entering Orifice	930-939	0	0	0	0	1	0	0	0	1

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

(CONTINUED)

PANTEX 1997

OSHA DATA

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

		Men								
		Occupational Group								Total
		Offi- ce Mana- geme- nt and Admi- nist- rati- on	Engi- neer- ing, Scie- ntif- ic, and Heal- th Care	Tech- nical Supp- ort	Serv- ice	Secu- rity	Craft and Repa- ir	Prod- ucti- on Tech- nici- ans	Mate- rial Hand- lers	
Diagnostic Category	ICD-9-CM Code									
-Burns	940-949	2	0	1	1	1	0	0	0	5
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	1	0	2	0	3
-Toxic Effects - Nonmedicinal	980-989	0	0	0	0	0	0	0	1	1
Total		9	5	10	8	26	14	14	12	98

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

PANTEX 1997

OSHA DATA

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

		Women													
		Occupational Group													
		Office Management and Administration		Technical Support		Service		Security		Craft and Repair		Production Technicians		Material Handlers	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes														
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Disorders of Peripheral NS	350-359	0	0	15	15	0	0	0	0	0	0	0	0	0	
-Infections	680-686	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	
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	116	19	0	0	0	0	0	
-Symptoms	780-789	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Fracture - Skull	800-804	0	0	0	0	0	1	0	0	0	0	0	0	0	
-Fracture - Upper Limb	810-819	0	0	138	2	0	0	6	2	0	0	0	0	0	
-Sprains & Strains - Back	846-847	0	2	0	0	0	0	13	0	0	0	0	0	0	
-Sprains & Strains - Other	840-845, 848	0	0	0	0	34	1	14	3	0	0	16	0	75	
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0	0	0	3	0	10	

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

(CONTINUED)

PANTEX 1997

OSHA DATA

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

		Women													
		Occupational Group													
		Office Management and Administration		Technical Support		Service		Security		Craft and Repair		Production Technicians		Material Handlers	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes														
-Open Wound - Lower Limb	890-897	55	1	0	0	0	0	0	0	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	4	0	11	1	0	0	13	0	0	0
-Injury to Nerves & Spinal Cord	950-957	0	101	0	0	0	0	0	0	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	1	0	0	0	0	0	0	0	0	0	4	1	0
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

(CONTINUED)

PANTEX 1997

OSHA DATA

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

		Men																													
		Occupational Group																													
		Engineer-			Office			Manageme-			Administ-			Health			Technical			Craft and			Technici-			Material					
		ing,			Scientif-			nt and			Care			Support			Service			Repair			ans			Handlers					
		Days	Res-	tri-	Days	Res-	tri-	Days	Res-	tri-	Days	Res-	tri-	Days	Res-	tri-	Days	Res-	tri-	Days	Res-	tri-	Days	Res-	tri-	Days	Res-	tri-	Days	Res-	tri-
		cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost	cted	Lost
Diagnostic	ICD-9-CM Codes																														
Category																															
-Other	690-698																														
Inflammatory																															
Conditions		0	0	0	0	47	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Arthropathi-	710-719																														
es		0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
-Dorsopathies	720-724																														
		0	0	0	0	0	0	0	0	0	0	0	0	41	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
-Rheumatism,	725-729																														

Excluding																		
Back		0	0	0	0	0	0	0	0	0	0	0	23	19	0	0	0	
-Symptoms	780-789	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
-Fracture -	810-819																	
Upper Limb		0	0	0	0	47	0	0	0	0	0	0	0	0	0	0	0	
-Fracture -	820-829																	
Lower Limb		0	19	0	0	36	0	0	0	0	0	0	47	36	0	0	0	
-Dislocation	830-839	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
-Sprains &	846-847																	
Strains -																		
Back		0	0	0	2	5	0	46	17	98	7	9	0	0	0	0	110	
-Sprains &	840-845, 848																	
Strains -																		
Other		29	21	3	4	0	0	1	0	49	21	93	2	266	8	27		

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

(CONTINUED)

PANTEX 1997

OSHA DATA

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

		Men																					
		Occupational Group																					
		Engineer-		Office		ing,		Manageme-		Scientif-		Producti-		nt and		ic, and		on					
		Administ-		Health		Technical		ration		Care		Support		Service		Security		Craft and		Technici-		Material	
		Days		Days		Days		Days		Days		Days		Days		Days		Days		Days		Days	
		Res-		Res-		Res-		Res-		Res-		Res-		Res-		Res-		Res-		Res-		Res-	
		Days		Days		Days		Days		Days		Days		Days		Days		Days		Days		Days	
		cted		Lost		cted		Lost		cted		Lost		cted		Lost		cted		Lost		cted	
		Lost		cted		Lost		cted		Lost		cted		Lost		cted		Lost		cted		Lost	
Diagnostic Category		ICD-9-CM Codes																					
-Open Wound -		870-879		Head, Neck,		Trunk		0		0		0		0		0		0		0		0	
-Open Wound -		880-887		Upper Limb		0		0		0		8		0		0		0		0		21	
-Open Wound -		890-897		Lower Limb		0		0		0		0		0		0		3		0		0	

-Superficial Injury	910-919																
		0	0	0	0	0	0	0	0	0	27	7	8	0	1	0	0
-Contusion	920-924	29	21	0	0	3	0	21	15	0	0	8	0	73	30	0	
-Crushing Injury	925-929																
		0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	
-Foreign Body Entering Orifice	930-939																
		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	2	0	0	0	0	0	0	
-Complications & Unspecified Injuries	958-959																
		0	0	0	0	0	0	0	0	0	1	0	0	9	0	0	
-Toxic Effects - Nonmedicinal	980-989																
		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/occupational combinations with at least one occurrence appear in this table.

PANTEX 1997

OSHA DATA

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

		Women				Total
		Occupational Group				
		Office Management and Administration	Security	Production Technicians		
Type of Accident	E CODES					
Falls	E880-E888	1	0	0	1	
Other Accidents	E916-E928	1	1	1	3	

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

(CONTINUED)

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

		Men							Total
		Occupational Group							
		Office Management and Administration	Technical Support	Service	Craft and Repair	Production Technicians	Material Handlers		
Type of Accident	E CODES								
Falls	E880-E888	0	0	1	0	0	0	0	1
Natural/Environmental Factors	E900-E909	1	0	0	1	0	1	1	3
Other Accidents	E916-E928	1	2	1	0	2	1	1	7

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

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OSHA DATA

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

		Women					
		Occupational Group					
		Office Management and Administration		Security		Production Technicians	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Falls	E880-E888	0	101	0	0	0	0
Other Accidents	E916-E928	0	1	6	2	0	4

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

(CONTINUED)

PANTEX 1997

OSHA DATA

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

		Men											
		Occupational Group											
		Office Management and Administration		Technical Support		Service		Craft and Repair		Production Technicians		Material Handlers	
		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												
Falls	E880-E888	0	0	0	0	21	15	0	0	0	0	0	0
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	36	0	0	0	0	0	18	0	0	17

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

PANTEX 1997

OSHA DATA

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

Diagnostic Category	Office Management and Administration 1,254 Person-Years				Engineering, Scientific, and Health Care 406 Person-Years				Technical Support 421 Person-Years		
	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event*	RR**	Lower 95% CI***
All Diagnostic Categories	20	0.3	0.2	0.4	5	0.3	0.1	0.7	17	1.1	0.7
Musculoskeletal & Connective Tissue	2	0.4	0.1	2.2	0				0		
Injury & Poisoning	14	0.2	0.1	0.4	5	0.4	0.1	0.9	14	1.1	0.6
Sprains & Strains-Back	1	0.1	0.01	1.0	1	0.4	0.1	3.0	2	0.9	0.2
Sprains & Strains-Other	3	0.2	0.04	0.5	1	0.2	0.03	1.5	1	0.2	0.03
Open Wound-Upper Limb	0				0				3	3.0	0.8
Contusion	5	0.5	0.2	1.5	0				2	1.0	0.2

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

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

*** CI = Confidence Limit

(CONTINUED)

PANTEX 1997

OSHA DATA

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

Diagnostic Category	Service 108 Person-Years				Security 423 Person-Years				Craft and Repair 260 Person-Years		
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***
All Diagnostic Categories	8	2.0	1.0	4.2	31	2.2	1.4	3.4	14	1.7	1.0
Musculoskeletal & Connective Tissue	1	3.6	0.5	28.0	2	1.7	0.4	7.9	3	10.7	2.4
Injury & Poisoning	7	2.1	1.0	4.6	25	2.0	1.3	3.2	12	1.6	0.9
Sprains & Strains-Back	2	4.1	0.9	17.8	6	2.5	1.0	6.5	1	0.6	0.1
Sprains & Strains-Other	3	2.9	0.9	9.4	14	3.8	1.9	7.8	3	1.1	0.3
Open Wound-Upper Limb	0				0				2	3.8	0.7
Contusion	2	4.1	0.9	18.2	2	1.5	0.3	6.2	2	2.9	0.6

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

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

*** CI = Confidence Limit

(CONTINUED)

PANTEX 1997

OSHA DATA

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

Diagnostic Category	Production Technicians 359 Person-Years				Material Handlers 131 Person-Years				Total Persons with 1+ Event
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	
All Diagnostic Categories	15	1.2	0.7	2.0	17	3.8	2.3	6.3	127
Musculoskeletal & Connective Tissue	0				1	3.0	0.4	25.0	9
Injury & Poisoning	15	1.4	0.8	2.4	16	4.2	2.5	7.2	108
Sprains & Strains-Back	1	0.5	0.1	3.6	4	6.8	2.2	21.1	18
Sprains & Strains-Other	6	1.7	0.7	4.1	5	3.8	1.5	9.6	36
Open Wound-Upper Limb	3	3.4	0.9	13.0	2	6.3	1.3	30.7	10
Contusion	3	2.2	0.6	7.9	0				16

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

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

*** CI = Confidence Limit