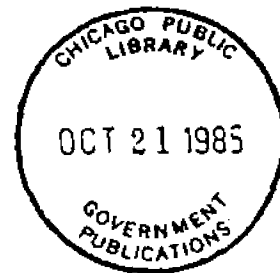


Volume 1

Mortality Patterns Among  
U.S. Veterans By Occupation  
and Smoking Status

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## INSURANCE AGENTS AND BROKERS (450)

CAUSE OF DEATH	1 NEVER SMOKED N = 557			2 EVER SMOKED N = 2064			3 ALL GROUPS N = 3316		
	OBS	EXP	SMR	OBS	EXP	SMR	OBS	EXP	SMR
ALL CANCERS	22	26.1	84	159	161.3	98	229	230.6	99
CANCER OF BUCCAL CAVITY	0	0.2		2	2.1		3	3.1	
CANCER OF PHARYNX	0	0.0		4	1.6		4	2.0	
CANCER OF ESOPHAGUS	0	0.2		3	2.9		6	4.1	
CANCER OF STOMACH	0	1.9		7	8.6	81	11	13.4	82
CANCER OF INTESTINES	4	4.4		20	17.2	116	30	28.6	105
CANCER OF RECTUM	2	1.5		8	5.9	135	15	9.8	153
CANCER OF LIVER	1	0.6		1	3.9		3	5.9	51
CANCER OF PANCREAS	2	1.9		9	9.8	91	14	14.4	97
CANCER OF LARYNX	0	0.1		1	1.8		1	2.1	
CANCER OF LUNG AND BRONCHUS	1	1.7		48	48.2	99	51	53.8	95
CANCER OF PROSTATE	4	3.9		13	15.4	84	24	25.3	95
CANCER OF KIDNEY	0	0.9		4	4.1		6	6.2	96
CANCER OF BLADDER	2	1.1		5	7.0	71	9	9.8	91
CANCER OF BRAIN	3	1.0		5	3.8		9	6.2	145
MALIGNANT LYMPHOMA	1	2.5		10	8.7	114	16	14.0	114
LEUKEMIA	2	1.5		7	7.7	91	11	11.8	93
ALL OTHER CANCERS	0	2.9		12	12.5	96	16	19.8	81
ALL CARDIOVASCULAR DISEASES	126	99.2	127	488	473.8	102	754	727.9	104
STROKE	19	15.3	124	62	60.9	101	99	99.1	100
RHEUMATIC FEVER	1	1.9		8	7.3	108	12	11.4	105
CORONARY HEART DISEASE	82	64.2	128	323	308.8	104	495	473.8	104
HYPERTENSIVE DISEASE	13	5.2	249	24	25.0	95	48	38.8	124
GENERALIZED ARTERIOSCLEROSIS	3	4.0		17	18.5	92	29	28.7	101
AORTIC ANEURYSM	1	1.2		21	17.9	117	23	22.0	104
PHLEBITIS AND PULMONARY EMBOLISM	1	1.3		10	5.0	199	12	8.4	143
OTHER HEART AND CIRCULATORY DIS	6	6.0	100	23	30.5	75	36	45.7	79
PULMONARY TUBERCULOSIS	0	0.3		1	1.8		1	2.4	
ASTHMA	0	0.2		4	1.8		4	2.4	
INFLUENZA AND PNEUMONIA	1	2.0		14	9.0	156	15	13.6	110
BRONCHITIS AND EMPHYSEMA	1	0.9		37	26.4	140	39	29.2	134
OTHER PULMONARY DISEASES	0	0.4		3	3.1		4	4.2	
DIABETES	3	1.6		4	4.8		8	9.4	85
PARKINSON'S DISEASE	1	1.4		2	2.1		8	4.4	
ULCERS OF STOMACH AND DUODENUM	2	0.7		4	7.3	54	8	9.6	84
CIRRHOSIS OF LIVER	2	1.0		6	8.0	75	10	11.4	88
KIDNEY DISEASES	0	1.8		11	7.6	145	13	12.0	108
ACCIDENTS AND VIOLENCE	2	4.1		17	16.2	104	24	26.0	92
SUICIDE	2	1.7		11	8.0	137	18	12.2	148
OTHER AND UNKNOWN CAUSES	12	10.0	120	72	51.1	141	103	76.3	135
ALL CAUSES	174	151.2	115	833	781.9	106	1238	1171.3	106

1 - NEVER SMOKED TOBACCO

2 - INCLUDES CURRENT CIGARETTE SMOKERS AND EX-CIGARETTE SMOKERS

3 - INCLUDES NEVER SMOKED, EVER SMOKED, CIGAR AND PIPE SMOKERS PLUS UNKNOWN SMOKING CATEGORIES

CARPENTERS (510)

CAUSE OF DEATH	1 NEVER SMOKED N = 846			2 EVER SMOKED N = 2079			3 ALL GROUPS N = 3630		
	OBS	EXP	SMR	OBS	EXP	SMR	OBS	EXP	SMR
ALL CANCERS	28	42.8	65	137	133.9	102	201	222.3	90
CANCER OF BUCCAL CAVITY	0	0.3		2	1.7		2	3.0	
CANCER OF PHARYNX	0	0.1		2	1.4		2	1.8	
CANCER OF ESOPHAGUS	0	0.3		0	2.4		0	3.8	
CANCER OF STOMACH	3	3.0		16	7.2	223	22	13.3	165
CANCER OF INTESTINES	3	7.1	42	11	13.8	79	22	28.4	77
CANCER OF RECTUM	3	2.3		4	4.9		11	9.5	116
CANCER OF LIVER	0	0.9		2	3.2		3	5.6	54
CANCER OF PANCREAS	2	3.0		6	8.1	73	12	13.9	87
CANCER OF LARYNX	0	0.1		2	1.5		3	1.9	
CANCER OF LUNG AND BRONCHUS	2	2.7		38	39.8	95	46	46.8	98
CANCER OF PROSTATE	5	6.8	74	18	12.9	138	25	26.6	94
CANCER OF KIDNEY	2	1.4		6	3.4		8	6.3	128
CANCER OF BLADDER	0	2.0		4	5.7	70	5	9.4	53
CANCER OF BRAIN	0	1.6		2	3.4		2	6.2	32
MALIGNANT LYMPHOMA	2	3.9		8	7.2	110	10	13.9	72
LEUKEMIA	3	2.6		4	6.6	60	8	11.8	68
ALL OTHER CANCERS	3	4.8		12	10.6	113	20	19.8	101
ALL CARDIOVASCULAR DISEASES	170	167.1	102	348	393.8	88	654	727.7	90
STROKE	30	27.5	109	33	51.1	64	89	104.9	85
RHEUMATIC FEVER	2	2.9		8	6.0	132	11	11.0	100
CORONARY HEART DISEASE	104	105.9	98	238	256.5	92	423	468.9	90
HYPERTENSIVE DISEASE	8	8.6	93	20	20.1	99	38	37.6	101
GENERALIZED ARTERIOSCLEROSIS	8	7.4	107	11	15.6	70	29	30.6	95
AORTIC ANEURYSM	3	2.1		10	14.6	68	14	19.9	71
PHLEBITIS AND PULMONARY EMBOLISM	2	2.2		7	4.2		12	8.5	142
OTHER HEART AND CIRCULATORY DIS	13	10.5	124	21	25.6	81	38	46.4	82
PULMONARY TUBERCULOSIS	0	0.4		4	1.5		4	2.3	
ASTHMA	0	0.3		1	1.5		2	2.3	
INFLUENZA AND PNEUMONIA	5	3.7		10	8.0	125	19	15.0	126
BRONCHITIS AND EMPHYSEMA	1	1.5		31	22.4	138	32	26.2	122
OTHER PULMONARY DISEASES	0	0.6		3	2.6		3	4.1	
DIABETES	0	2.8		3	4.1		7	10.4	67
PARKINSON'S DISEASE	1	2.3		1	1.6		3	5.0	60
ULCERS OF STOMACH AND DUODENUM	2	1.1		8	6.3	127	12	9.1	131
CIRRHOSIS OF LIVER	0	1.6		7	6.9	101	7	10.8	65
KIDNEY DISEASES	5	3.2		4	6.6	60	13	12.7	102
ACCIDENTS AND VIOLENCE	7	6.8	103	21	16.6	126	34	29.7	114
SUICIDE	2	2.6		9	7.8	115	14	12.7	110
OTHER AND UNKNOWN CAUSES	11	17.2	64	39	45.5	85	61	80.1	76
ALL CAUSES	232	254.1	91	626	658.9	95	1066	1170.1	91

1 - NEVER SMOKED TOBACCO

2 - INCLUDES CURRENT CIGARETTE SMOKERS AND EX-CIGARETTE SMOKERS

3 - INCLUDES NEVER SMOKED, EVER SMOKED, CIGAR AND PIPE SMOKERS PLUS UNKNOWN SMOKING CATEGORIES

## MEMBERS OF THE ARMED FORCES (595)

CAUSE OF DEATH	1 NEVER SMOKED N = 686			2 EVER SMOKED N = 3016			3 ALL GROUPS N = 4451		
	OBS	EXP	SMR	OBS	EXP	SMR	OBS	EXP	SMR
ALL CANCERS	28	26.9	104	207	192.1	107	282	263.1	107
CANCER OF BUCCAL CAVITY	1	0.2		3	2.2		4	3.4	
CANCER OF PHARYNX	0	0.1		0	2.1		1	2.6	
CANCER OF ESOPHAGUS	0	0.1		4	3.5		6	4.5	
CANCER OF STOMACH	1	1.9		14	10.1	138	15	14.7	102
CANCER OF INTESTINES	2	4.4		27	20.3	132	35	31.7	110
CANCER OF RECTUM	3	1.4		5	6.9	72	13	10.3	126
CANCER OF LIVER	1	0.5		5	4.6		10	6.6	152
CANCER OF PANCREAS	4	1.7		15	11.8	127	22	16.1	137
CANCER OF LARYNX	0	0.1		2	1.9		3	2.2	
CANCER OF LUNG AND BRONCHUS	1	1.5		46	54.3	84	51	59.5	86
CANCER OF PROSTATE	6	4.5		18	21.0	85	30	33.1	91
CANCER OF KIDNEY	1	0.9		6	4.6		8	6.7	120
CANCER OF BLADDER	2	1.4		5	8.2	60	9	11.4	79
CANCER OF BRAIN	2	1.1		5	4.7		9	6.9	130
MALIGNANT LYMPHOMA	1	2.4		16	10.4	154	18	15.5	116
LEUKEMIA	0	1.7		22	9.6	228	25	14.2	176
ALL OTHER CANCERS	3	3.0		12	15.6	76	21	23.3	90
ALL CARDIOVASCULAR DISEASES	115	108.1	106	538	595.0	90	832	877.7	95
STROKE	18	19.3	93	65	82.9	78	127	133.3	95
RHEUMATIC FEVER	4	1.5		5	8.3	59	9	11.7	77
CORONARY HEART DISEASE	74	65.8	112	336	377.1	89	515	547.6	94
HYPERTENSIVE DISEASE	2	5.3	38	28	29.8	93	37	44.1	84
GENERALIZED ARTERIOSCLEROSIS	7	5.8	120	33	28.3	116	45	43.4	104
AORTIC ANEURYSM	2	1.4		25	20.6	121	28	25.4	110
THROMBOSIS AND PULMONARY EMBOLISM	2	1.5		8	6.4	124	12	10.3	116
OTHER HEART AND CIRCULATORY DIS	6	7.5	80	38	41.4	91	59	61.8	96
PULMONARY TUBERCULOSIS	0	0.2		1	2.1		1	2.7	
ASTHMA	0	0.2		2	2.0		3	2.5	
INFLUENZA AND PNEUMONIA	3	3.1		17	15.6	109	25	23.5	106
BRONCHITIS AND EMPHYSEMA	0	1.0		41	32.3	127	45	35.8	126
OTHER PULMONARY DISEASES	1	0.5		3	4.1		5	5.4	92
DIABETES	2	1.8		2	6.3	31	6	11.4	53
PARKINSON'S DISEASE	0	1.2		2	2.4		2	4.6	
ULCERS OF STOMACH AND DUODENUM	1	0.6		9	8.9	101	11	11.1	99
CIRRHOSIS OF LIVER	5	1.1		9	8.9	100	16	12.3	130
KIDNEY DISEASES	2	2.4		10	10.4	96	14	15.8	89
ACCIDENTS AND VIOLENCE	4	5.3	76	28	26.6	105	40	39.0	103
SUICIDE	0	2.2		14	12.0	116	18	16.7	108
OTHER AND UNKNOWN CAUSES	12	11.9	101	86	71.4	120	111	100.6	110
ALL CAUSES	173	166.5	104	967	989.6	97	1409	1421.7	99

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3 - INCLUDES NEVER SMOKED, EVER SMOKED, CIGAR AND PIPE SMOKERS PLUS UNKNOWN SMOKING CATEGORIES

WELDERS AND FLAMECUTTERS (685)

CAUSE OF DEATH	1			2			3		
	NEVER SMOKED			EVER SMOKED			ALL GROUPS		
	OBS	EXP	SMR	OBS	EXP	SMR	OBS	EXP	SMR
	N = 141			N = 519			N = 771		
ALL CANCERS	3	5.0		19	19.4	98	24	28.9	83
CANCER OF BUCCAL CAVITY	0	0.0		1	0.2		1	0.4	
CANCER OF PHARYNX	0	0.0		0	0.2		0	0.3	
CANCER OF ESOPHAGUS	0	0.0		1	0.3		1	0.5	
CANCER OF STOMACH	0	0.4		3	1.0		3	1.7	
CANCER OF INTESTINES	0	0.8		3	1.8		3	3.4	
CANCER OF RECTUM	0	0.3		2	0.8		2	1.3	
CANCER OF LIVER	0	0.1		2	0.4		2	0.7	
CANCER OF PANCREAS	0	0.4		0	1.3		1	1.9	
CANCER OF LARYNX	0	0.0		0	0.2		0	0.2	
CANCER OF LUNG AND BRONCHUS	1	0.3		4	5.7	70	6	6.5	93
CANCER OF PROSTATE	0	0.7		2	1.5		2	2.8	
CANCER OF KIDNEY	1	0.2		0	0.6		1	0.9	
CANCER OF BLADDER	0	0.2		0	0.7		0	1.1	
CANCER OF BRAIN	0	0.2		0	0.7		0	1.1	
MALIGNANT LYMPHOMA	0	0.5		1	1.2		1	2.0	
LEUKEMIA	1	0.3		0	1.0		1	1.6	
ALL OTHER CANCERS	0	0.6		0	1.7		0	2.7	
ALL CARDIOVASCULAR DISEASES	16	18.3	88	52	54.7	95	86	88.8	97
STROKE	3	2.8		12	6.2	194	16	11.2	142
RHEUMATIC FEVER	0	0.4		2	1.1		2	1.6	
CORONARY HEART DISEASE	12	11.9	101	28	37.4	74	53	59.6	89
HYPERTENSIVE DISEASE	0	1.0		3	2.7		4	4.5	
GENERALIZED ARTERIOSCLEROSIS	0	0.7		2	1.8		4	3.2	
AORTIC ANEURYSM	0	0.3		2	1.7		2	2.3	
PHLEBITIS AND PULMONARY EMBOLISM	0	0.2		0	0.5		0	1.0	
OTHER HEART AND CIRCULATORY DIS	1	1.1		3	3.4		5	5.4	93
PULMONARY TUBERCULOSIS	0	0.1		0	0.2		0	0.3	
ASTHMA	0	0.0		1	0.2		1	0.3	
INFLUENZA AND PNEUMONIA	0	0.3		0	0.9		0	1.5	
BRONCHITIS AND EMPHYSEMA	0	0.1		6	2.6		6	2.9	
OTHER PULMONARY DISEASES	0	0.1		0	0.3		0	0.5	
DIABETES	0	0.3		1	0.5		1	1.2	
PARKINSON'S DISEASE	0	0.2		0	0.2		0	0.5	
ULCERS OF STOMACH AND DUODENUM	0	0.1		2	0.9		2	1.2	
CIRRHOSIS OF LIVER	0	0.2		0	1.2		0	1.7	
KIDNEY DISEASES	2	0.4		0	0.9		3	1.5	
ACCIDENTS AND VIOLENCE	0	1.0		4	3.8		4	5.8	69
SUICIDE	0	0.4		5	1.9		5	2.6	
OTHER AND UNKNOWN CAUSES	0	2.0		10	7.3	137	12	11.1	108
ALL CAUSES	21	28.6	73	100	94.9	105	144	148.7	97

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AWYERS AND JUDGES (055)

USE OF DEATH	1			2			3		
	NEVER SMOKED			EVER SMOKED			ALL GROUPS		
	N = 1592			N = 4189			N = 7711		
	OBS	EXP	SMR	OBS	EXP	SMR	OBS	EXP	SMR
ALL CANCERS	68	86.6	78	410	351.1	116	616	567.3	109
CANCER OF BUCCAL CAVITY	0	0.6		11	4.4		13	7.6	170
CANCER OF PHARYNX	0	0.2		4	3.3		6	4.7	
CANCER OF ESOPHAGUS	0	0.6		9	6.2	144	12	9.9	122
CANCER OF STOMACH	4	6.1	65	20	18.8	106	28	33.8	83
CANCER OF INTESTINES	9	14.3	63	50	38.9	128	87	74.2	117
CANCER OF RECTUM	4	4.9		14	12.9	108	23	24.4	94
CANCER OF LIVER	0	1.9		18	8.5	211	21	14.6	144
CANCER OF PANCREAS	11	6.1	180	23	21.2	108	46	35.3	130
CANCER OF LARYNX	0	0.2		5	3.9		6	4.9	
CANCER OF LUNG AND BRONCHUS	5	5.4	93	107	101.4	105	122	118.6	103
CANCER OF PROSTATE	8	13.9	58	46	36.3	126	75	69.3	108
CANCER OF KIDNEY	1	2.9		9	8.8	102	15	15.6	96
CANCER OF BLADDER	3	4.0		15	15.7	95	23	24.9	92
CANCER OF BRAIN	3	3.0		7	7.8	89	17	14.7	116
BENIGN LYMPHOMA	4	7.9	50	19	18.8	100	28	35.0	80
LEUKEMIA	5	5.1	97	22	16.9	129	36	29.8	121
ALL OTHER CANCERS	11	9.6	115	30	26.8	111	57	49.4	115
ALL CARDIOVASCULAR DISEASES	370	344.7	107	1123	1059.2	106	1965	1878.9	105
STROKE	69	56.9	121	140	142.4	98	303	273.4	111
RHEUMATIC FEVER	5	5.9	86	21	15.5	135	31	27.5	113
CORONARY HEART DISEASE	225	217.8	103	715	681.3	104	1222	1202.4	102
HYPERTENSIVE DISEASE	15	17.6	85	57	55.7	102	99	98.9	100
GENERALIZED ARTERIOSCLEROSIS	18	16.0	113	64	44.5	143	103	81.3	127
ARTIC ANEURYSM	5	4.1		43	39.2	109	58	52.6	110
HEPATITIS AND PULMONARY EMBOLISM	5	4.6		15	11.5	130	24	22.4	107
OTHER HEART AND CIRCULATORY DIS	28	21.8	128	68	69.0	98	125	120.6	104
PULMONARY TUBERCULOSIS	1	0.9		2	4.1		3	6.0	50
ASTHMA	0	0.6		5	3.8		6	5.6	107
FLUENZA AND PNEUMONIA	7	8.1	86	26	22.2	117	40	39.7	101
BRONCHITIS AND EMPHYSEMA	3	3.1		54	58.8	91	61	68.1	90
OTHER PULMONARY DISEASES	1	1.3		11	7.1	155	16	11.1	144
DIABETES	5	5.5	91	16	11.2	143	27	26.0	104
PARKINSON'S DISEASE	6	4.6		5	4.8		12	12.4	96
CANCERS OF STOMACH AND DUODENUM	1	2.3		14	16.0	87	19	23.2	82
CIRRHOSIS OF LIVER	4	3.1		22	16.6	132	37	26.5	140
OTHER DISEASES	6	6.4	93	16	17.5	91	29	32.2	90
ACCIDENTS AND VIOLENCE	10	12.9	77	47	34.0	138	75	63.2	119
SUICIDE	5	5.0		13	16.1	80	21	27.8	76
OTHER AND UNKNOWN CAUSES	42	34.2	123	122	113.6	107	216	195.0	111
ALL CAUSES	529	519.3	102	1885	1735.7	108	3142	2982.4	105

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