

Table 2: Cancer Mortality Rates and Current Five-Year Trends by Site, Year, and Sex

Table 2:		All Sexes		Male		Female	
Years 1997 - 2001	Year	Cancer Deaths	Rate/ Current Trend	Cancer Deaths	Rate/ Current Trend	Cancer Deaths	Rate/ Current Trend
ALL CAUSES OF DEATH	Total	147,097	845.2	72,490	1005.6	74,607	719.8
	APC (Trend)		*-1.1		-1.0		-0.9
	1997	28,749	862.3	14,267	1027.5	14,482	732.2
	1998	29,342	861.3	14,621	1025.5	14,721	729.7
	1999	29,350	844.5	14,429	993.1	14,921	723.1
	2000	29,537	825.4	14,488	988.1	15,047	701.5
	2001	30,121	834.0	14,685	995.1	15,436	714.8
ALL MALIGNANT CANCERS	Total	34,888	202.7	17,986	244.9	16,901	174.9
	APC (Trend)		n/a		n/a		n/a
	1997	6,790	203.7	3,520	246.9	3,270	175.4
	1998	7,008	206.2	3,596	245.0	3,412	179.4
	1999	6,903	199.2	3,573	240.7	3,330	171.3
	2000	6,989	197.5	3,584	239.0	3,404	170.7
	2001	7,198	201.4	3,713	246.1	3,485	173.2
BONES AND JOINTS	Total	61	0.4	37	0.5	24	0.3
	APC (Trend)		+3.7		+20.1		-17.2
	1997	11	0.3	4	^	7	^
	1998	9	^	5	^	4	^
	1999	14	0.4	9	^	5	^
	2000	18	0.5	12	0.7	6	^
	2001	9	^	7	^	2	^
BRAIN AND CNS	Total	958	5.6	543	6.8	415	4.5
	APC (Trend)		-2.8		-2.9		-2.7
	1997	185	5.6	103	6.8	82	4.6
	1998	229	6.8	129	8.2	100	5.6
	1999	155	4.6	96	6.1	59	3.2
	2000	195	5.5	106	6.5	89	4.7
	2001	194	5.5	109	6.7	85	4.4
BREAST	Total	2,545	14.7	21	0.3	2,524	26.6
	APC (Trend)		-1.3		+8.0		-1.5
	1997	487	14.8	3	^	484	26.9
	1998	531	15.7	6	^	525	28.2
	1999	513	14.9	3	^	510	26.9
	2000	484	13.7	2	^	482	24.7
	2001	530	14.8	7	^	523	26.6

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Years 1997 - 2001		Cancer Deaths	Rate/ Current Trend	Cancer Deaths	Rate/ Current Trend	Cancer Deaths	Rate/ Current Trend
Primary Site	Year						
DIGESTIVE SYSTEM	Total	7,656	44.1	4,132	55.5	3,524	35.2
	APC (Trend)		+0.8		*+2.7		-1.2
	1997	1,442	43.2	764	53.3	678	35.2
	1998	1,502	44.2	788	53.4	714	36.7
	1999	1,551	44.7	834	55.6	717	35.8
	2000	1,533	43.1	841	55.3	692	33.5
	2001	1,628	45.4	905	59.6	723	34.7
	Colorectal	Total	3,353	19.3	1,704	23.2	1,649
	APC (Trend)		-1.4		+0.7		*-3.5
	1997	665	19.9	331	23.4	334	17.2
	1998	670	19.7	333	22.8	337	17.0
	1999	687	19.8	350	23.8	337	16.7
	2000	629	17.7	314	20.9	315	15.0
	2001	702	19.5	376	25.1	326	15.4
Esophagus	Total	845	4.9	660	8.7	185	1.9
	APC (Trend)		+5.7		*6.4		+3.7
	1997	144	4.3	117	8.0	27	1.4
	1998	164	4.8	121	8.0	43	2.2
	1999	166	4.8	127	8.3	39	2.0
	2000	168	4.8	134	8.7	34	1.7
	2001	203	5.7	161	10.3	42	2.0
Gallbladder	Total	93	0.5	26	0.3	67	0.7
	APC (Trend)		+6.1		+5.6		+6.9
	1997	23	0.7	8	^	15	0.8
	1998	7	^	1	^	6	^
	1999	17	0.5	4	^	13	0.6
	2000	18	0.5	3	^	15	0.7
	2001	28	0.8	10	^	18	0.9
Liver and Intra-hepatic Bile Duct	Total	596	3.5	369	4.8	227	2.4
	APC (Trend)		+6.2		+4.2		+8.6
	1997	103	3.1	66	4.5	37	2.0
	1998	108	3.2	70	4.6	38	2.1
	1999	105	3.0	64	4.0	41	2.1
	2000	152	4.3	92	5.8	60	3.0
	2001	128	3.6	77	4.8	51	2.5

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Years 1997 - 2001		Cancer Deaths	Rate/ Current Trend	Cancer Deaths	Rate/ Current Trend	Cancer Deaths	Rate/ Current Trend
Primary Site	Year						
<i>Liver</i>	Total	453	2.6	301	3.8	152	1.6
	APC (Trend)		+3.8		+3.9		+3.2
	1997	78	2.4	54	3.6	24	1.3
	1998	88	2.6	56	3.7	32	1.8
	1999	81	2.3	54	3.4	27	1.4
	2000	118	3.3	77	4.8	41	2.1
	2001	88	2.4	60	3.7	28	1.4
Pancreas	Total	1,821	10.5	851	11.4	970	9.8
	APC (Trend)		+2.1		*+6.9		-1.5
	1997	328	9.8	141	9.7	187	9.7
	1998	361	10.6	164	11.1	197	10.2
	1999	378	10.9	165	10.8	213	10.7
	2000	357	10.1	186	12.3	171	8.4
	2001	397	11.1	195	12.9	202	9.9
Small Intestine	Total	53	0.3	24	0.3	29	0.3
	APC (Trend)		*-19.3		-23.7		-13.0
	1997	15	0.4	7	^	8	^
	1998	14	0.4	7	^	7	^
	1999	8	^	5	^	3	^
	2000	9	^	2	^	7	^
	2001	7	^	3	^	4	^
Stomach	Total	619	3.6	379	5.2	240	2.4
	APC (Trend)		-4.8		-4.5		-5.0
	1997	116	3.5	72	5.0	44	2.3
	1998	136	4.0	78	5.4	58	3.0
	1999	137	4.0	93	6.3	44	2.2
	2000	130	3.6	77	5.2	53	2.5
	2001	100	2.8	59	4.0	41	2.0
ENDOCRINE SYSTEM	Total	153	0.9	65	0.8	88	0.9
	APC (Trend)		+1.7		+3.1		+0.2
	1997	30	0.9	12	0.8	18	1.0
	1998	24	0.7	12	0.8	12	0.6
	1999	35	1.0	13	0.8	22	1.1
	2000	34	1.0	15	1.0	19	1.0
	2001	30	0.8	13	0.8	17	0.8

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Table 2:		All Sexes		Male		Female	
Years 1997 - 2001		Cancer	Rate/ Current	Cancer	Rate/ Current	Cancer	Rate/ Current
Primary Site	Year	Deaths	Trend	Deaths	Trend	Deaths	Trend
Thyroid	Total	77	0.4	23	0.3	54	0.5
	APC (Trend)		+3.9		+4.9		+4.1
	1997	15	0.4	4	^	11	0.6
	1998	10	^	2	^	8	^
	1999	20	0.6	8	^	12	0.6
	2000	15	0.4	6	^	9	^
	2001	17	0.5	3	^	14	0.7
EYE AND ORBIT	Total	18	0.1	4	^	14	0.1
	APC (Trend)		^		^		^
	1997	7	^	2	^	5	^
	1998	5	^	1	^	4	^
	1999	3	^	0	^	3	^
	2000	3	^	1	^	2	^
	2001	0	^	0	^	0	^
GENITAL SYSTEM Female	Total	1,683	n/a	n/a	n/a	1,683	17.6
	APC (Trend)		n/a		n/a		-0.2
	1997	327	n/a	n/a	n/a	327	17.7
	1998	345	n/a	n/a	n/a	345	18.5
	1999	313	n/a	n/a	n/a	313	16.4
	2000	340	n/a	n/a	n/a	340	17.3
	2001	358	n/a	n/a	n/a	358	18.1
Cervical	Total	215	n/a	n/a	n/a	215	2.4
	APC (Trend)		n/a		n/a		-4.0
	1997	58	n/a	n/a	n/a	58	3.2
	1998	34	n/a	n/a	n/a	34	1.9
	1999	36	n/a	n/a	n/a	36	2.0
	2000	36	n/a	n/a	n/a	36	2.0
	2001	51	n/a	n/a	n/a	51	2.7
Uterine	Total	408	n/a	n/a	n/a	408	4.1
	APC (Trend)		n/a		n/a		-0.4
	1997	70	n/a	n/a	n/a	70	3.7
	1998	99	n/a	n/a	n/a	99	5.1
	1999	70	n/a	n/a	n/a	70	3.5
	2000	86	n/a	n/a	n/a	86	4.3
	2001	83	n/a	n/a	n/a	83	4.1

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Years 1997 - 2001		Cancer Deaths	Rate/ Current Trend	Cancer Deaths	Rate/ Current Trend	Cancer Deaths	Rate/ Current Trend
Primary Site	Year						
Ovary	Total	966	n/a	n/a	n/a	966	10.1
	APC (Trend)		n/a		n/a		+0.5
	1997	176	n/a	n/a	n/a	176	9.6
	1998	197	n/a	n/a	n/a	197	10.6
	1999	192	n/a	n/a	n/a	192	10.1
	2000	202	n/a	n/a	n/a	202	10.3
	2001	199	n/a	n/a	n/a	n/a	10.0
GENITAL SYSTEM Male	Total	2,274	n/a	2,274	33.3	n/a	n/a
	APC (Trend)		n/a		*-4.0		n/a
	1997	485	n/a	485	36.9	n/a	n/a
	1998	468	n/a	468	34.1	n/a	n/a
	1999	451	n/a	451	32.8	n/a	n/a
	2000	428	n/a	428	30.9	n/a	n/a
	2001	442	n/a	442	31.7	n/a	n/a
Prostate	Total	2,235	n/a	2,235	32.8	n/a	n/a
	APC (Trend)		n/a		*-3.9		n/a
	1997	475	n/a	475	36.3	n/a	n/a
	1998	461	n/a	461	33.6	n/a	n/a
	1999	445	n/a	445	32.5	n/a	n/a
	2000	420	n/a	420	30.4	n/a	n/a
	2001	434	n/a	434	31.3	n/a	n/a
Testis	Total	29	n/a	29	0.4	n/a	n/a
	APC (Trend)		n/a		-2.0		n/a
	1997	6	n/a	6	^	n/a	n/a
	1998	6	n/a	6	^	n/a	n/a
	1999	4	n/a	4	^	n/a	n/a
	2000	7	n/a	7	^	n/a	n/a
	2001	6	n/a	6	^	n/a	n/a
LEUKEMIAS	Total	1,336	7.7	724	9.8	612	6.2
	APC (Trend)		-1.7		0.0		-4.1
	1997	285	8.6	143	9.9	142	7.6
	1998	254	7.5	150	10.3	104	5.3
	1999	250	7.2	127	8.6	123	6.2
	2000	268	7.6	150	9.9	118	5.7
	2001	279	7.8	154	10.1	125	6.1

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Years 1997 - 2001		Cancer Deaths	Rate/ Current Trend	Cancer Deaths	Rate/ Current Trend	Cancer Deaths	Rate/ Current Trend
Primary Site	Year						
LYMPHOMAS	Total	1,644	9.5	834	11.3	810	8.1
	APC (Trend)		-0.5		1.4		-1.2
	1997	309	9.2	147	10.2	162	8.5
	1998	346	10.2	180	12.3	166	8.4
	1999	327	9.4	172	11.4	155	7.7
	2000	316	8.9	163	11.1	153	7.5
	2001	346	9.6	172	11.6	174	8.5
Hodgkin Lymphoma	Total	87	0.5	49	0.6	38	0.4
	APC (Trend)		*-15.3		*-16.0		-11.9
	1997	24	0.7	14	0.9	10	^
	1998	19	0.6	10	^	9	^
	1999	15	0.4	11	0.7	4	^
	2000	17	0.5	7	^	10	^
	2001	12	0.3	7	^	5	^
Non-Hodgkin Lymphoma	Total	1,557	9.0	785	10.7	772	7.7
	APC (Trend)		+0.4		+2.4		-0.5
	1997	285	8.5	133	9.3	152	8.0
	1998	327	9.6	170	11.7	157	7.9
	1999	312	9.0	161	10.7	151	7.5
	2000	299	8.4	156	10.7	143	7.0
	2001	334	9.3	165	11.1	169	8.2
MESOTHELIOMA- **(ICD-10 only) (Years 1999 and later only)	Total	128	0.7	106	1.4	22	0.2
	APC (Trend)		n/a		n/a		n/a
	1997	n/a	n/a	n/a	n/a	n/a	n/a
	1998	n/a	n/a	n/a	n/a	n/a	n/a
	1999	30	0.9	26	1.8	4	^
	2000	46	1.3	36	2.4	10	^
	2001	52	1.5	44	2.9	8	^
MULTIPLE MYELOMA	Total	689	4.0	388	5.3	301	3.0
	APC (Trend)		-3.8		-1.8		-6.2
	1997	146	4.4	86	5.9	60	3.1
	1998	135	3.9	63	4.4	72	3.7
	1999	148	4.3	88	6.1	60	3.0
	2000	124	3.5	70	4.6	54	2.7
	2001	136	3.8	81	5.4	55	2.6

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Years 1997 - 2001		Cancer	Rate/ Current Trend	Cancer	Rate/ Current Trend	Cancer	Rate/ Current Trend
Primary Site	Year	Deaths		Deaths		Deaths	
ORAL CAVITY AND PHARYNX	Total	552	3.2	323	4.2	229	2.3
	APC (Trend)		-5.6		-0.4		-12.3
	1997	123	3.7	64	4.5	59	3.2
	1998	120	3.6	59	3.8	61	3.2
	1999	103	3.0	70	4.6	33	1.7
	2000	91	2.6	62	4.0	29	1.4
	2001	115	3.2	68	4.3	47	2.4
RESPIRATORY SYSTEM**	Total	10,296	59.7	5,712	75.9	4,584	48.0
	APC (Trend)		-2.2		-4.1		+0.6
	1997	2,098	63.0	1,227	84.2	871	47.3
	1998	2,118	62.4	1,190	79.7	928	49.2
	1999	1,926	55.6	1,066	70.3	860	44.9
	2000	2,122	60.5	1,141	75.4	981	50.3
	2001	2,032	57.4	1,088	70.6	944	48.2
Larynx	Total	167	1.0	135	1.8	32	0.3
	APC (Trend)		+6.4		+3.3		+24.9
	1997	30	0.9	26	1.8	4	^
	1998	31	0.9	25	1.7	6	^
	1999	30	0.9	27	1.8	3	^
	2000	36	1.0	26	1.7	10	^
	2001	40	1.1	31	2.1	9	^
Lung/ Bronchus	Total	10,047	58.3	5,529	73.5	4,518	47.3
	APC (Trend)		-2.1		-3.9		+0.6
	1997	2,038	61.3	1,181	81.0	857	46.6
	1998	2,065	60.9	1,151	77.1	914	48.5
	1999	1,885	54.5	1,034	68.3	851	44.5
	2000	2,078	59.2	1,112	73.4	966	49.5
	2001	1,981	55.9	1,051	68.1	930	47.4
SKIN (excluding Basal and Squamous)	Total	675	3.9	438	5.7	237	2.5
	APC (Trend)		+0.6		*+3.5		-4.7
	1997	132	4.0	78	5.4	54	3.0
	1998	127	3.8	85	5.5	42	2.3
	1999	128	3.7	85	5.4	43	2.3
	2000	146	4.1	93	5.9	53	2.7
	2001	142	3.9	97	6.1	45	2.2

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Years 1997 - 2001		Cancer	Rate/ Current Trend	Cancer	Rate/ Current Trend	Cancer	Rate/ Current Trend	
Primary Site	Year	Deaths		Deaths		Deaths		
Melanomas of Skin	Total	542	3.1	347	4.4	195	2.1	
	APC (Trend)		+1.0		+4.2		-4.2	
	1997	101	3.1	58	3.9	43	2.4	
	1998	106	3.1	72	4.6	34	1.9	
	1999	110	3.2	71	4.5	39	2.1	
	2000	107	3.0	63	3.9	44	2.3	
	2001	118	3.3	83	5.1	35	1.7	
	SOFT TISSUE INCLUDING HEART	Total	274	1.6	130	1.7	144	1.5
	APC (Trend)		-8.1		-6.1		-9.7	
	1997	58	1.7	27	1.8	31	1.7	
	1998	61	1.8	26	1.7	35	1.9	
	1999	61	1.8	31	2.0	30	1.6	
	2000	47	1.3	23	1.5	24	1.2	
	2001	47	1.3	23	1.4	24	1.2	
URINARY SYSTEM	Total	1,610	9.3	1,093	15.1	516	5.1	
		APC (Trend)		-0.8	+1.7		-4.4	
		1997	308	9.2	200	14.3	108	5.6
		1998	330	9.7	221	15.5	109	5.5
		1999	316	9.1	220	14.9	96	4.8
		2000	328	9.2	219	14.7	108	5.3
		2001	328	9.1	233	16.0	95	4.5
	Bladder	Total	839	4.8	602	8.6	236	2.3
		APC (Trend)		+0.6	+2.5		-2.0	
		1997	163	4.9	119	8.7	44	2.2
		1998	160	4.7	110	8.0	50	2.4
		1999	169	4.8	119	8.3	50	2.5
		2000	164	4.6	118	8.3	45	2.1
		2001	183	5.0	136	9.6	47	2.1
Kidney and Renal Pelvis		Total	717	4.1	451	6.0	266	2.7
		APC (Trend)		-1.5	+1.7		-6.0	
		1997	136	4.1	75	5.2	61	3.2
		1998	155	4.6	99	6.6	56	2.9
		1999	133	3.8	90	5.9	43	2.2
		2000	156	4.4	95	6.1	61	3.1
		2001	137	3.8	92	6.0	45	2.2

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Years 1997 - 2001		Cancer	Rate/ Current Trend	Cancer	Rate/ Current Trend	Cancer	Rate/ Current Trend
Primary Site	Year	Deaths		Deaths		Deaths	
MISCELLANEOUS	Total	2,236	14.6	1,162	17.2	1,174	12.7
SITES	APC (Trend)		n/a		n/a		n/a
A trend cannot be calculated until 5 years of data have been collected due to changes in coding with the addition of newly reportable cancers.	1997	357	10.7	175	12.3	182	9.4
	1998	404	11.9	213	14.4	191	9.8
	1999	579	16.7	282	19.4	297	15.0
	2000	466	13.1	222	14.9	244	11.6
	2001	530	14.8	270	18.1	260	12.3

Counts may not match the Center for Health Statistics publications because invalid ages and site codes are excluded from the data, and, where identified, additional sex codes are used. Please see the *Technical Section* for further information.

Rates are per 100,000 and age-adjusted to the 2000 U.S. standard population using 5-year age groups.

n/a = Not Applicable

APC = Average Annual Percent Change

Counts for All Sexes may exceed male/female combined due to additional sex coding

* Indicates APC is statistically significant

** ICD-9 coding (years 1996 -1998) did not distinguish mesothelioma from general respiratory cancers. ICD-10 coding starting in 1999 allowed identification of mesothelioma deaths.

^ Rate not calculated due to instability of small numbers