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April 1982

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Because the data presented in this volume will be widely used as a reference source, the Board of Editors has approved its publication as a logical sequel to our Monograph No. 33, "Patterns in Cancer Mortality in the United States: 1950-1967."

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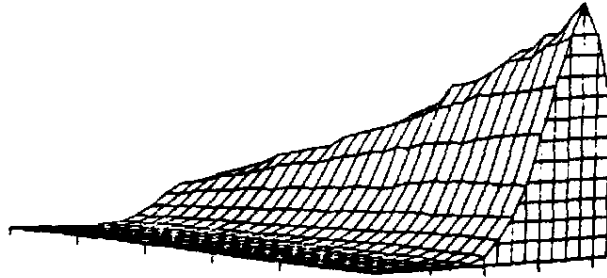
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CANCER MORTALITY IN THE UNITED STATES: 1950-1977



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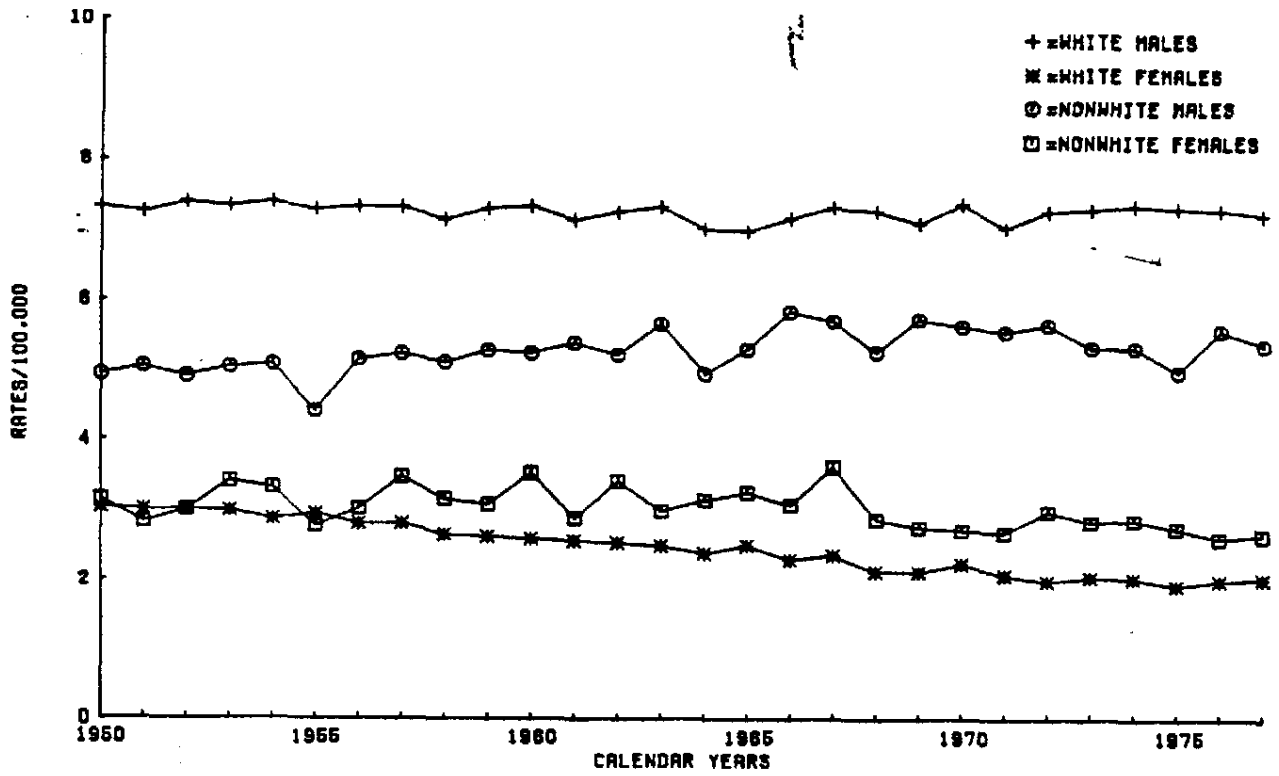
Robert W. Miller

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UPL 05482

Bladder and Other Urinary Glands

Age-adjusted Mortality Rates



URL 05483

YEAR	WHITE MALE				WHITE FEMALE				OTHER MALE				OTHER FEMALE			
	TOTAL DEATHS	CRUDE RATE	ADJ. RATE	% OF MALIG*	TOTAL DEATHS	CRUDE RATE	ADJ. RATE	% OF MALIG*	TOTAL DEATHS	CRUDE RATE	ADJ. RATE	% OF MALIG*	TOTAL DEATHS	CRUDE RATE	ADJ. RATE	% OF MALIG*
1950	4101	6.06	7.33	4.36	1871	2.75	3.05	2.09	249	3.20	4.93	3.27	179	2.21	3.16	2.14
1951	4136	6.01	7.26	4.30	1889	2.73	3.02	2.08	272	3.42	5.04	3.32	162	1.96	2.84	1.97
1952	4339	6.21	7.40	4.30	1971	2.80	3.03	2.09	267	3.39	4.91	3.10	173	2.04	3.02	2.09
1953	4401	6.20	7.35	4.22	2010	2.81	3.01	2.09	283	3.41	5.04	3.12	207	2.39	3.43	2.40
1954	4536	6.29	7.41	4.24	2060	2.75	2.99	2.04	290	3.41	5.08	2.98	205	2.30	3.34	2.33
1955	4597	6.28	7.31	4.14	2124	2.87	2.97	2.11	260	2.99	4.42	2.62	173	1.90	2.79	1.96
1956	4687	6.30	7.35	4.10	2070	2.74	2.82	2.02	302	3.39	5.15	2.89	207	2.21	3.04	2.08
1957	4787	6.33	7.34	4.08	2137	2.78	2.82	2.03	326	3.57	5.23	2.87	236	2.46	3.49	2.42
1958	4750	6.18	7.17	4.05	2079	2.66	2.66	1.96	324	3.46	5.11	2.87	226	2.29	3.18	2.20
1959	4944	6.33	7.32	4.09	2127	2.68	2.63	1.96	344	3.58	5.28	2.82	225	2.22	3.10	2.22
1960	5080	6.41	7.36	4.07	2156	2.67	2.60	1.94	360	3.58	5.24	2.77	269	2.54	3.54	2.45
1961	5029	6.25	7.17	3.93	2195	2.67	2.57	1.93	376	3.65	5.39	2.78	225	2.07	2.90	2.02
1962	5202	6.38	7.28	3.98	2233	2.68	2.54	1.91	373	3.54	5.22	2.67	273	2.45	3.43	2.43
1963	5281	6.40	7.36	3.96	2255	2.67	2.50	1.89	407	3.79	5.67	2.76	246	2.16	3.01	2.16
1964	5115	6.12	7.05	3.79	2227	2.60	2.40	1.83	375	3.42	4.96	2.45	266	2.28	3.17	2.25
1965	5167	6.14	7.02	3.70	2398	2.74	2.51	1.91	399	3.57	5.31	2.59	283	2.38	3.28	2.32
1966	5342	6.27	7.21	3.78	2274	2.59	2.31	1.77	436	3.82	5.86	2.72	273	2.24	3.10	2.17
1967	5574	6.48	7.37	3.82	2406	2.71	2.38	1.82	445	3.84	5.73	2.62	337	2.71	3.64	2.56
1968	5631	6.50	7.40	3.79	2315	2.58	2.23	1.71	442	3.75	5.62	2.49	287	2.27	3.02	2.11
1969	5579	6.39	7.22	3.70	2377	2.63	2.23	1.71	473	3.95	6.02	2.64	281	2.18	2.92	2.07
1970	5860	6.65	7.50	3.81	2564	2.80	2.33	1.79	477	3.91	5.90	2.56	285	2.16	2.86	2.06
1971	5645	6.38	7.15	3.59	2448	2.65	2.16	1.66	478	3.84	5.82	2.53	303	2.25	2.94	2.05
1972	2942	6.58	7.37	3.66	1208	2.60	2.08	1.59	248	3.91	5.91	2.51	172	2.50	3.24	2.28
1973	6009	6.69	7.41	3.69	2529	2.70	2.13	1.64	471	3.65	5.55	2.29	326	2.33	3.00	2.04
1974	6162	6.82	7.49	3.67	2591	2.75	2.13	1.63	489	3.73	5.58	2.26	335	2.35	3.03	2.08
1975	6225	6.86	7.45	3.66	2532	2.67	2.02	1.55	465	3.47	5.21	2.10	338	2.32	2.95	2.06
1976	6309	6.91	7.43	3.60	2481	2.61	2.08	1.57	535	3.92	5.78	2.29	340	2.29	2.86	1.98
1977	6349	6.92	7.36	3.54	2793	2.91	2.12	1.59	517	3.72	5.63	2.18	348	2.30	2.83	1.91

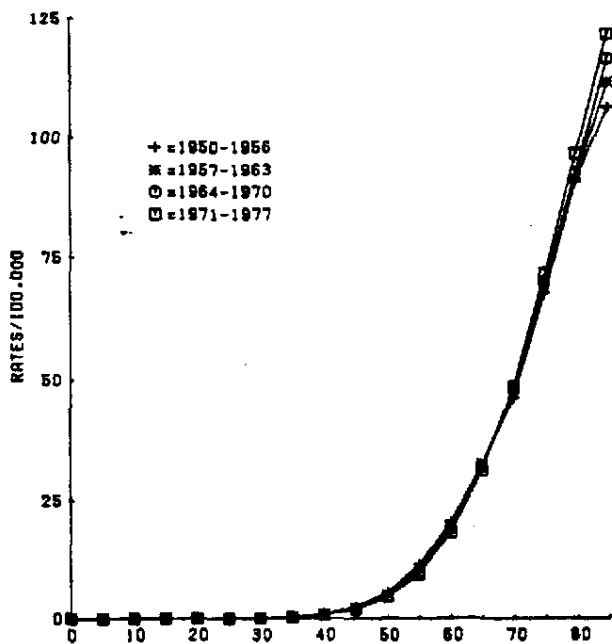
*Age-adjusted rate as percent of age-adjusted rate for all malignant neoplasms.

Includes: Bladder, urachus, urethra, and other urinary organs (NOS).
 (ICD 181 [6th]; ICD 181-181.8 [7th]; ICD 188, 189.9 [8th])

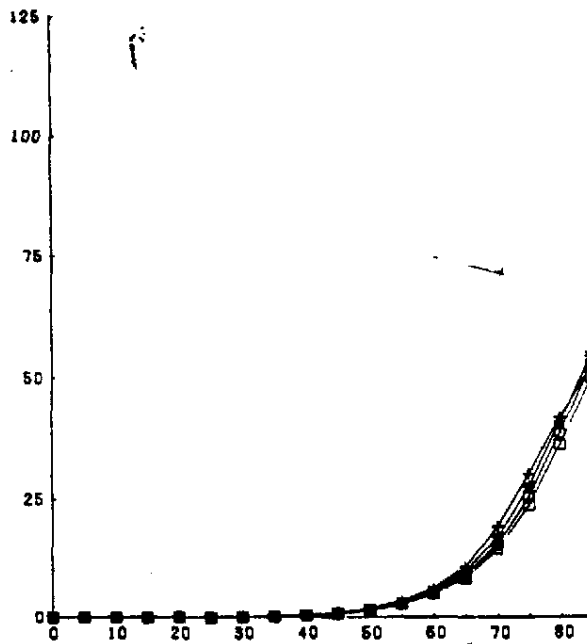
Bladder and Other Urinary Glands

Age-specific Rates

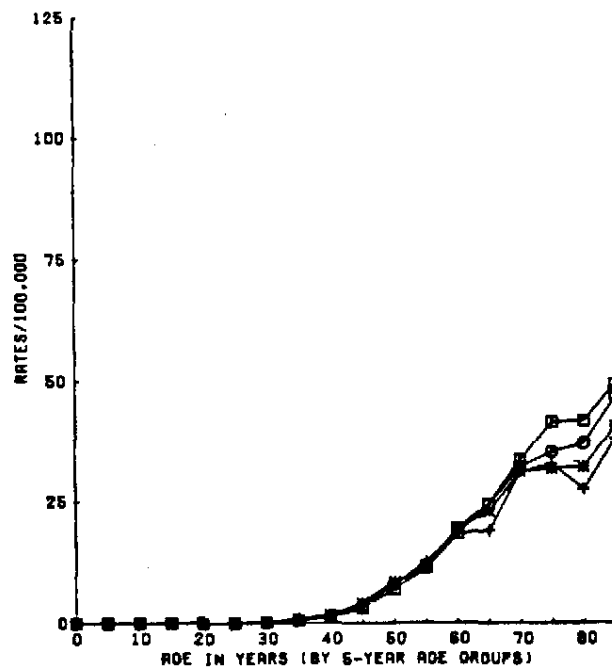
White Males



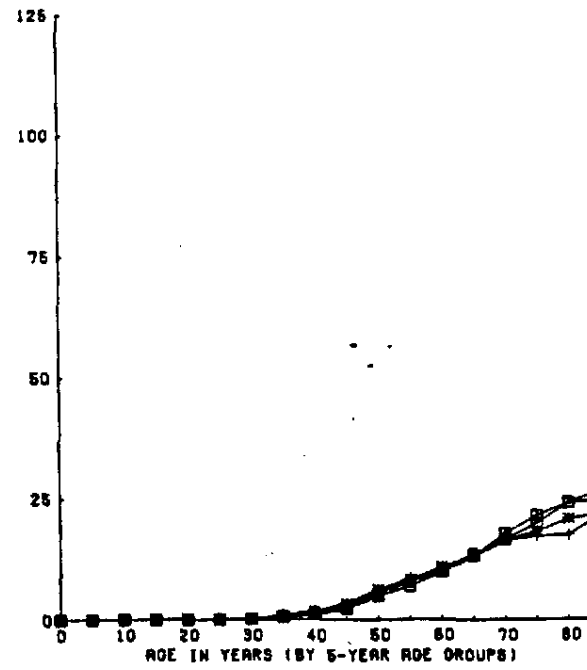
White Females



Nonwhite Males



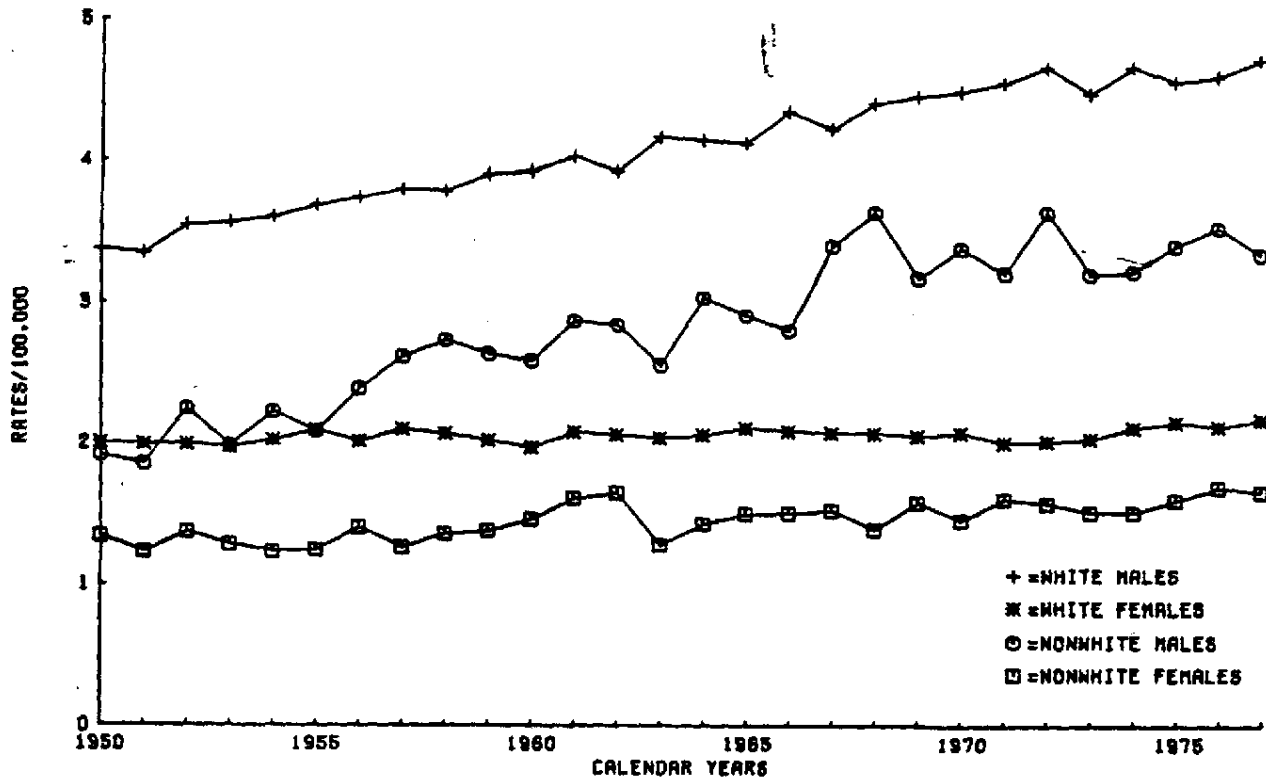
Nonwhite Females



UPL 05484

COLE P: Lower urinary tract. *In* Cancer Epidemiology and Prevention: Current Concepts (Schottenfeld D, ed). Springfield, Ill: Charles C Thomas, 1975, pp 233-262

Age-adjusted Mortality Rates



URL 05485

YEAR	WHITE MALES				WHITE FEMALES				OTHER MALES				OTHER FEMALES			
	TOTAL DEATHS	CRUDE RATE	ADJ. RATE	% OF MALIGN*	TOTAL DEATHS	CRUDE RATE	ADJ. RATE	% OF MALIGN*	TOTAL DEATHS	CRUDE RATE	ADJ. RATE	% OF MALIGN*	TOTAL DEATHS	CRUDE RATE	ADJ. RATE	% OF MALIGN*
1950	2124	3.14	3.37	2.01	1310	1.92	2.00	1.37	120	1.54	1.91	1.26	89	1.10	1.34	0.80
1951	2157	3.44	3.34	1.99	1338	1.93	1.99	1.37	117	1.47	1.85	1.22	87	1.05	1.23	0.85
1952	2317	3.32	3.54	2.06	1377	1.96	1.99	1.37	165	1.79	2.24	1.42	90	1.06	1.37	0.95
1953	2391	3.37	3.56	2.05	1398	1.95	1.97	1.37	135	1.63	1.98	1.23	90	1.04	1.28	0.90
1954	2453	3.40	3.60	2.04	1466	2.01	2.02	1.42	155	1.82	2.22	1.30	88	0.99	1.23	0.86
1955	2551	3.46	3.69	2.08	1561	2.11	2.09	1.49	165	1.67	2.00	1.23	91	1.00	1.24	0.87
1956	2628	3.53	3.74	2.09	1544	2.05	2.01	1.44	169	1.90	2.38	1.33	111	1.19	1.40	0.94
1957	2720	3.59	3.80	2.11	1653	2.15	2.10	1.51	190	2.08	2.61	1.43	98	1.02	1.26	0.87
1958	2761	3.60	3.79	2.14	1668	2.16	2.07	1.52	201	2.15	2.73	1.52	113	1.15	1.36	0.94
1959	2875	3.64	3.91	2.19	1668	2.10	2.02	1.50	190	1.98	2.63	1.40	120	1.18	1.38	0.99
1960	2946	3.72	3.93	2.17	1669	2.07	1.97	1.47	199	1.98	2.58	1.36	125	1.18	1.46	1.01
1961	3045	3.79	4.03	2.21	1802	2.20	2.08	1.54	228	2.21	2.87	1.48	180	1.29	1.61	1.12
1962	3015	3.70	3.93	2.15	1821	2.18	2.06	1.55	228	2.17	2.84	1.46	154	1.38	1.65	1.17
1963	3219	3.90	4.17	2.24	1843	2.18	2.04	1.54	215	2.00	2.55	1.24	117	1.03	1.28	0.92
1964	3250	3.89	4.15	2.23	1893	2.21	2.06	1.57	252	2.30	3.04	1.50	137	1.18	1.43	1.02
1965	3268	3.87	4.13	2.18	1981	2.28	2.11	1.60	262	2.16	2.91	1.41	145	1.22	1.50	1.06
1966	3457	4.06	4.36	2.20	2004	2.28	2.09	1.58	234	2.05	2.88	1.30	146	1.20	1.51	1.05
1967	3481	3.96	4.24	2.20	2046	2.31	2.08	1.59	292	2.52	3.41	1.56	155	1.25	1.53	1.07
1968	3577	4.13	4.42	2.27	2079	2.32	2.08	1.59	315	2.67	3.65	1.62	146	1.15	1.40	0.98
1969	3641	4.17	4.47	2.29	2100	2.32	2.06	1.59	278	2.32	3.19	1.40	148	1.30	1.59	1.12
1970	3701	4.20	4.50	2.26	2160	2.37	2.08	1.59	296	2.43	3.39	1.47	160	1.21	1.46	1.05
1971	3790	4.27	4.56	2.29	2135	2.31	2.01	1.55	287	2.31	3.22	1.40	181	1.34	1.61	1.12
1972	3961	4.38	4.67	2.32	1986	2.34	2.02	1.55	163	2.57	3.65	1.55	89	1.30	1.58	1.11
1973	3819	4.25	4.49	2.23	2248	2.40	2.04	1.57	301	2.33	3.22	1.33	173	1.24	1.52	1.03
1974	4025	4.46	4.68	2.29	2369	2.52	2.12	1.61	309	2.35	3.24	1.31	176	1.23	1.52	1.05
1975	3994	4.40	4.58	2.25	2457	2.54	2.16	1.65	330	2.46	3.42	1.38	192	1.32	1.61	1.13
1976	4066	4.48	4.62	2.24	2467	2.59	2.13	1.60	352	2.58	3.55	1.40	209	1.41	1.70	1.18
1977	4234	4.61	4.74	2.20	2587	2.70	2.18	1.64	341	2.45	3.37	1.31	211	1.39	1.67	1.13

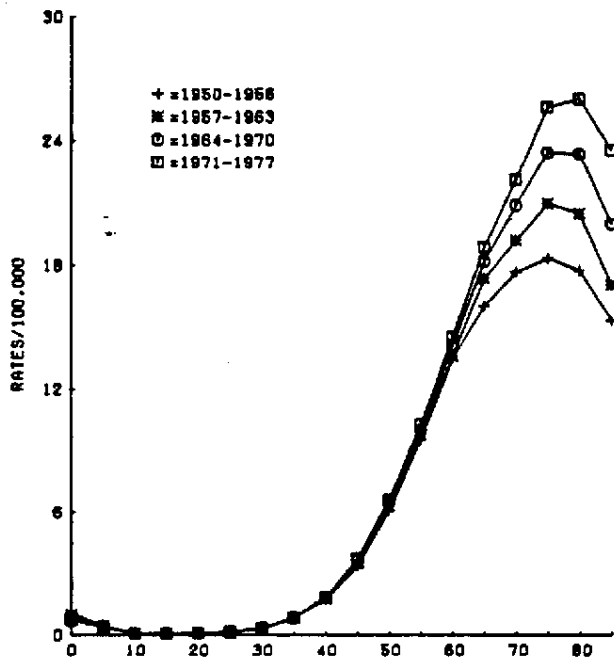
* Age-adjusted rate as percent of age-adjusted rate for all malignant neoplasms.

Includes: Kidney and ureter.
(ICD 180 [6th]; ICD 180 [7th]; ICD 189-189.2 [8th])

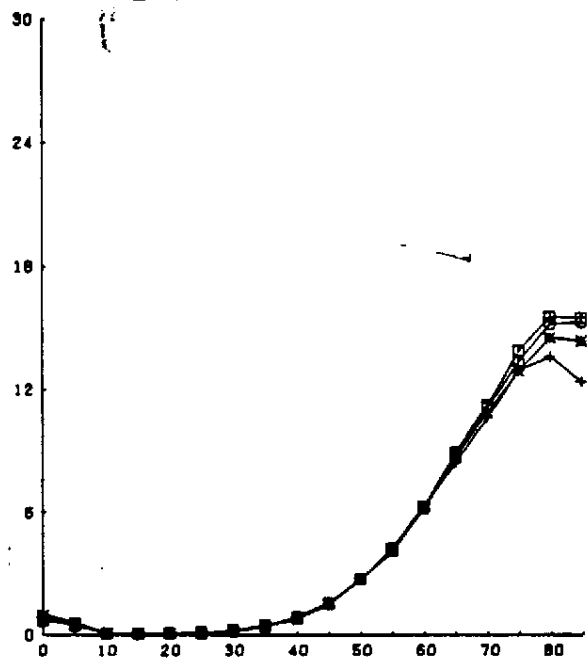
Kidney

Age-specific Rates

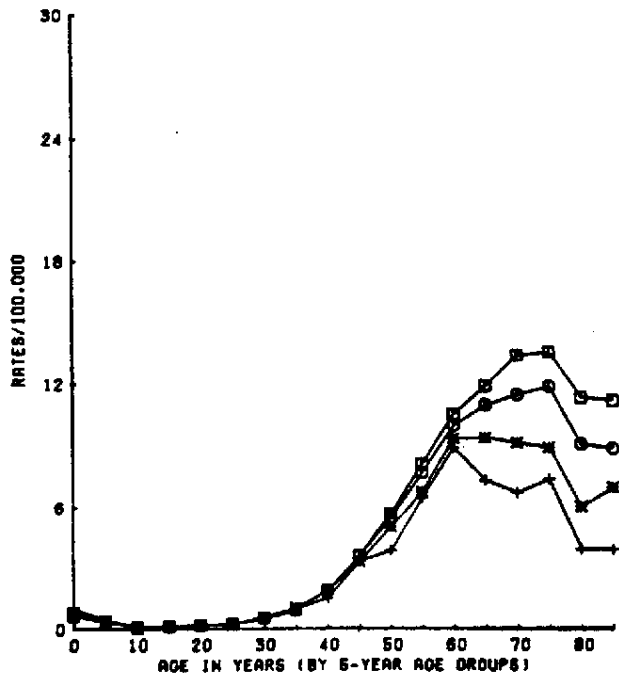
White Males



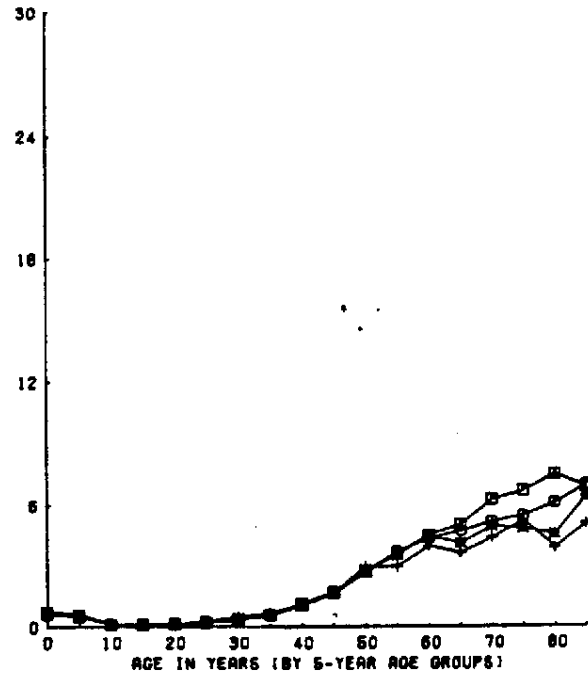
White Females



Nonwhite Males



Nonwhite Females



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BLOT WJ, FRAUMENI JF JR: Geographic patterns of renal cancer in the United States. JNCI 63:363-366, 1979