

Supplementary Table. Cox Proportional Hazards Models Estimating the Male-to-Female Hazard Ratio All-Cause Mortality in the Five-Year Period Following Cancer Diagnosis, SEER 17, 1973-2006

Site	Cox Proportional Hazards Models																
	Adjusted for Age					Adjusted for Age and Stage					Adjusted for Age, Stage and Grade						
	N	Deaths	HR	95% CI		P value	N	Deaths	HR	95% CI		P value	N	Deaths	HR	95% CI	
Lip	9,280	2,188	1.28	1.14 - 1.43	<0.001	8,460	1,953	1.29	1.15 - 1.45	<0.001	5,538	1,320	1.30	1.12 - 1.50	<0.001		
Tongue	20,585	10,085	1.25	1.20 - 1.30	<0.001	19,332	9,319	1.08	1.03 - 1.13	<0.001	15,577	7,488	1.05	1.00 - 1.11	0.046		
Salivary Gland	9,661	3,235	1.65	1.53 - 1.77	<0.001	8,960	2,874	1.43	1.33 - 1.55	<0.001	-	-	-	-	-		
Floor of Mouth	6,879	3,747	1.43	1.33 - 1.54	<0.001	6,386	3,450	1.39	1.29 - 1.50	<0.001	5,069	2,766	1.35	1.23 - 1.47	<0.001		
Gum and Other Mouth	12,788	6,314	1.44	1.36 - 1.51	<0.001	11,488	5,581	1.35	1.28 - 1.42	<0.001	8,740	4,318	1.25	1.18 - 1.33	<0.001		
Nasopharynx	6,671	3,039	1.19	1.09 - 1.28	<0.001	6,170	2,780	1.13	1.04 - 1.23	0.004	4,509	2,024	1.13	1.02 - 1.24	0.017		
Tonsil	11,164	4,915	1.18	1.10 - 1.26	<0.001	10,592	4,577	1.13	1.06 - 1.21	<0.001	8,684	3,609	1.11	1.03 - 1.20	0.006		
Oropharynx	2,501	1,658	1.16	1.04 - 1.30	0.009	2,291	1,494	1.14	1.01 - 1.28	0.028	1,763	1,136	1.17	1.02 - 1.34	0.023		
Hypopharynx	6,924	5,174	1.12	1.05 - 1.20	<0.001	6,621	4,929	1.13	1.06 - 1.21	<0.001	5,325	3,919	1.13	1.05 - 1.22	0.002		
Esophagus	36,962	31,281	1.10	1.07 - 1.12	<0.001	30,217	25,197	1.06	1.03 - 1.09	<0.001	24,065	20,038	1.07	1.03 - 1.10	<0.001		
Stomach	76,687	60,364	1.16	1.15 - 1.18	<0.001	67,514	52,431	1.13	1.11 - 1.15	<0.001	51,754	40,098	1.14	1.12 - 1.16	<0.001		
Small Intestine	11,539	5,432	1.18	1.11 - 1.24	<0.001	10,751	4,946	1.21	1.14 - 1.28	<0.001	-	-	-	-	-		
Colon and Rectum	414,964	197,862	1.14	1.13 - 1.15	<0.001	391,548	181,258	1.14	1.13 - 1.15	<0.001	320,549	143,649	1.15	1.14 - 1.16	<0.001		
Anus, Anal Canal and Anorectum	10,297	3,997	1.45	1.36 - 1.55	<0.001	9,215	3,454	1.54	1.44 - 1.65	<0.001	6,203	2,337	1.63	1.49 - 1.77	<0.001		
Liver and Intrahepatic Bile Duct	41,809	34,654	1.14	1.11 - 1.16	<0.001	33,085	26,516	1.14	1.11 - 1.18	<0.001	-	-	-	-	-		
Gallbladder	11,305	9,539	1.09	1.04 - 1.14	<0.001	10,802	9,081	1.07	1.02 - 1.12	0.003	7,430	6,099	1.10	1.03 - 1.16	0.002		
Other Biliary	13,017	10,602	0.98	0.94 - 1.02	0.245	10,541	8,348	1.03	0.99 - 1.08	0.156	-	-	-	-	-		
Pancreas	92,133	85,015	1.08	1.07 - 1.10	<0.001	78,100	71,700	1.06	1.05 - 1.08	<0.001	-	-	-	-	-		
Retroperitoneum	3,916	2,121	1.29	1.19 - 1.41	<0.001	3,511	1,836	1.23	1.12 - 1.35	<0.001	-	-	-	-	-		
Nose, Nasal Cavity and Middle Ear	5,949	2,950	1.19	1.10 - 1.28	<0.001	4,533	2,109	1.14	1.05 - 1.25	0.003	-	-	-	-	-		

Larynx	31,755	13,561	0.99	0.95	-	1.03	0.644	25,041	11,662	1.03	0.98	-	1.08	0.207	19,611	9,306	1.04	0.99	-	1.10	0.114
Lung and Bronchus	506,173	426,903	1.21	1.20	-	1.21	<0.001	346,725	281,764	1.19	1.18	-	1.20	<0.001	-	-	-	-	-	-	-
Trachea, Mediastinum and Other Respiratory Organs	2,105	1,120	1.21	1.05	-	1.38	0.006	1,445	805	1.12	0.96	-	1.31	0.161	-	-	-	-	-	-	-
Bones and Joints	8,977	3,209	1.29	1.20	-	1.38	<0.001	8,069	2,837	1.18	1.09	-	1.27	<0.001	-	-	-	-	-	-	-
Soft Tissue including Heart	24,690	9,066	1.13	1.08	-	1.18	<0.001	22,605	8,091	1.14	1.09	-	1.19	<0.001	-	-	-	-	-	-	-
Skin excluding Basal and Squamous	140,700	23,551	1.66	1.62	-	1.71	<0.001	132,910	21,226	1.56	1.52	-	1.61	<0.001	-	-	-	-	-	-	-
Urinary Bladder	143,334	49,016	0.96	0.94	-	0.98	<0.001	137,323	45,802	1.07	1.05	-	1.09	<0.001	124,971	41,197	1.06	1.03	-	1.08	<0.001
Kidney and Renal Pelvis	86,116	35,393	1.14	1.12	-	1.17	<0.001	81,740	32,346	1.02	1.00	-	1.04	0.098	-	-	-	-	-	-	-
Ureter	2,588	1,462	0.99	0.89	-	1.10	0.903	2,356	1,301	1.10	0.98	-	1.23	0.099	2,002	1,062	1.21	1.07	-	1.37	0.003
Eye and Orbit	7,422	1,748	1.27	1.16	-	1.40	<0.001	6,494	1,464	1.26	1.13	-	1.39	<0.001	-	-	-	-	-	-	-
Brain and Other Nervous System	63,256	41,867	1.13	1.11	-	1.15	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endocrine System	74,540	6,730	1.94	1.85	-	2.03	<0.001	72,112	6,150	1.48	1.41	-	1.56	<0.001	-	-	-	-	-	-	-
Lymphoma	178,638	72,187	1.36	1.34	-	1.38	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myeloma	47,306	30,964	1.08	1.05	-	1.10	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leukemia	104,012	56,226	1.09	1.07	-	1.11	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-

All Cox proportional hazards models were adjusted for year of diagnosis (categorical: 1973-1979, 1980-1986, 1987-1993, 1994-2000, 2001-2006). Abbreviations: CI, confidence interval; HR, hazard ratio.