

Supplemental Table 3 Risk of Primary Lung Squamous Cell Carcinoma in Patients With Previous Malignancy Stratified by Site of Initial Primary and Radiation Status

First Primary Site	All			No Radiation Therapy			Radiation Therapy		
	Observed (n = 9100)	Expected (n = 7069)	SIR (99% CI)	Observed (n = 5620)	Expected (n = 4893)	SIR (99% CI)	Observed (n = 3345)	Expected (n = 2049)	SIR (99% CI)
Head and neck	1640	225	7.27 (6.82-7.75) ^a	415	90	4.59 (4.03-5.20) ^a	1201	131	9.17 (8.51-9.88) ^a
Colon and rectum	867	819	1.06 (0.97-1.15)	750	727	1.03 (0.94-1.13)	109	85	1.29 (0.99-1.64)
Pancreas	21	19	1.12 (0.59-1.92)	14	13	1.09 (0.49-2.09)	7	5	1.3 (0.38-3.18)
Lung and bronchus	1372	270	5.08 (4.73-5.44) ^a	967	186	5.19 (4.77-5.63) ^a	394	78	5.03 (4.40-5.72) ^a
Uterus	115	171	0.67 (0.52-0.85) ^b	81	124	0.65 (0.48-0.86) ^b	30	44	0.68 (0.40-1.08)
Prostate	2263	3093	0.73 (0.69-0.77) ^b	1216	1884	0.65 (0.60-0.69) ^b	997	1137	0.88 (0.81-0.95) ^b
Bladder	823	437	1.88 (1.72-2.06) ^a	796	428	1.86 (1.69-2.04) ^a	26	8	3.33 (1.89-5.41) ^a
Kidney	146	152	0.96 (0.77-1.18)	145	150	0.97 (0.77-1.20)	0	2	0 (0.00-2.53)
Thyroid	59	68	0.87 (0.60-1.20)	29	34	0.85 (0.50-1.34)	30	33	0.92 (0.54-1.44)
Breast	973	995	0.98 (0.90-1.06)	463	501	0.93 (0.82-1.04)	480	467	1.03 (0.91-1.16)
Melanoma	307	471	0.65 (0.56-0.75) ^b	300	463	0.65 (0.56-0.75) ^b	6	7	0.88 (0.22-2.29)
Leukemia or lymphoma	514	349	1.47 (1.31-1.65) ^a	444	293	1.52 (1.34-1.71) ^a	65	52	1.24 (0.88-1.69)

Abbreviations: CI = confidence interval; SIR = standardized incidence ratio.

^aIncidence rate significantly greater than expected (using exact method and 99% CIs).

^bIncidence rate significantly lower than expected (using exact method and 99% CIs).