

**TABLE 1**

**Lung Cancer Incidence in Weymouth, MA : 1982-1998**

Census Tract	Total				Males				Females			
	Obs	Exp	SIR	95% CI	Obs	Exp	SIR	95% CI	Obs	Exp	SIR	95% CI
CT 4221	53	53.0	100	75 -- 131	29	31.5	92	62 -- 132	24	21.5	112	72 -- 166
CT 4222	110	81.2	135	* 111 -- 163	62	48.7	127	98 -- 163	48	32.5	148	* 109 -- 196
CT 4223	114	96.6	118	97 -- 142	69	57.5	120	93 -- 152	45	39.1	115	84 -- 154
CT 4224	120	107.5	112	93 -- 134	67	57.8	116	90 -- 147	53	49.7	107	80 -- 139
CT 4225	137	108.0	127	* 106 -- 150	69	62.3	111	86 -- 140	68	45.7	149	* 116 -- 189
CT 4226	92	81.2	113	91 -- 139	60	48.7	123	94 -- 159	32	32.5	98	67 -- 139
CT 4227	78	52.7	148	* 117 -- 185	45	31.7	142	* 103 -- 190	33	21.0	157	* 108 -- 221
CT 4228	61	57.1	107	82 -- 137	36	35.5	102	71 -- 141	25	21.7	115	75 -- 170
Total	765	637.3	120	* 112 -- 129	437	373.6	117	* 106 -- 128	328	263.7	124	* 111 -- 139

Note: SIRs are calculated based on the exact number of expected cases.  
 Expected number of cases presented are rounded to the nearest tenth.  
 SIRs and 95% CI are not calculated when observed number of cases < 5.

Obs = Observed number of cases  
 Exp = Expected number of cases  
 SIR = Standardized Incidence Ratio  
 95% CI = 95% Confidence Interval  
 NC = Not calculated  
 \* = Statistical significance

Data Source: Massachusetts Cancer Registry. Bureau of Health Statistics, Research & Evaluation, Massachusetts Department of Public Health.

**TABLE 2**

**Lung Cancer Incidence in Weymouth, MA : 1982-1986**

Census Tract	Total				Males				Females			
	Obs	Exp	SIR	95% CI	Obs	Exp	SIR	95% CI	Obs	Exp	SIR	95% CI
CT 4221	16	13.9	115	66 -- 187	7	8.9	78	31 -- 161	9	5.0	181	82 -- 343
CT 4222	27	22.6	119	79 -- 174	18	14.5	124	73 -- 196	9	8.1	111	51 -- 210
CT 4223	22	25.9	85	53 -- 128	18	16.9	106	63 -- 168	4	9.0	NC	NC -- NC
CT 4224	27	28.5	95	62 -- 138	15	16.8	89	50 -- 147	12	11.7	102	53 -- 179
CT 4225	39	27.4	143	* 101 -- 195	21	17.2	122	76 -- 187	18	10.2	176	* 104 -- 278
CT 4226	29	21.0	138	93 -- 199	22	13.7	161	* 101 -- 243	7	7.3	96	38 -- 198
CT 4227	21	13.8	152	94 -- 233	15	8.9	169	94 -- 278	6	4.9	123	45 -- 268
CT 4228	12	15.0	80	41 -- 140	5	10.0	50	16 -- 117	7	5.0	140	56 -- 288
Total	193	168.1	115	99 -- 132	121	106.9	113	94 -- 135	72	61.2	118	92 -- 148

Note: SIRs are calculated based on the exact number of expected cases.  
 Expected number of cases presented are rounded to the nearest tenth.  
 SIRs and 95% CI are not calculated when observed number of cases < 5.

Obs = Observed number of cases                      95% CI = 95% Confidence Interval  
 Exp = Expected number of cases                      NC = Not calculated  
 SIR = Standardized Incidence Ratio                      \* = Statistical significance

Data Source: Massachusetts Cancer Registry. Bureau of Health Statistics, Research & Evaluation, Massachusetts Department of Public Health.

**TABLE 3**

**Lung Cancer Incidence in Weymouth, MA : 1987-1992**

Census Tract	Total				Males				Females			
	Obs	Exp	SIR	95% CI	Obs	Exp	SIR	95% CI	Obs	Exp	SIR	95% CI
CT 4221	16	18.8	85	49 -- 138	10	11.2	89	43 -- 164	6	7.6	79	29 -- 173
CT 4222	39	28.7	136	97 -- 186	21	17.2	122	75 -- 186	18	11.4	158	93 -- 249
CT 4223	38	34.3	111	78 -- 152	25	20.5	122	79 -- 180	13	13.8	94	50 -- 161
CT 4224	36	37.5	96	67 -- 133	23	20.3	113	72 -- 170	13	17.2	76	40 -- 130
CT 4225	47	38.2	123	90 -- 163	24	22.1	108	69 -- 161	23	16.1	143	91 -- 215
CT 4226	29	28.9	100	67 -- 144	21	17.4	121	75 -- 185	8	11.5	69	30 -- 136
CT 4227	28	18.7	150	99 -- 216	17	11.3	151	88 -- 241	11	7.4	149	74 -- 266
CT 4228	17	20.2	84	49 -- 134	11	12.6	87	44 -- 157	6	7.7	78	29 -- 170
Total	250	225.3	111	98 -- 126	152	132.6	115	97 -- 134	98	92.7	106	86 -- 129

Note: SIRs are calculated based on the exact number of expected cases.  
 Expected number of cases presented are rounded to the nearest tenth.  
 SIRs and 95% CI are not calculated when observed number of cases < 5.

Obs = Observed number of cases                      95% CI = 95% Confidence Interval  
 Exp = Expected number of cases                      NC = Not calculated  
 SIR = Standardized Incidence Ratio                      \* = Statistical significance

Data Source: Massachusetts Cancer Registry. Bureau of Health Statistics, Research & Evaluation, Massachusetts Department of Public Health.

**TABLE 4**

**Lung Cancer Incidence in Weymouth, MA : 1993-1998**

Census Tract	Total				Males				Females			
	Obs	Exp	SIR	95% CI	Obs	Exp	SIR	95% CI	Obs	Exp	SIR	95% CI
CT 4221	21	20.1	105	65 -- 160	12	11.2	107	55 -- 187	9	8.8	102	47 -- 194
CT 4222	44	30.6	144	* 105 -- 193	23	17.1	134	85 -- 201	21	13.4	156	97 -- 239
CT 4223	54	39.6	136	* 102 -- 178	26	22.0	118	77 -- 173	28	17.6	159	* 106 -- 230
CT 4224	57	42.3	135	* 102 -- 175	29	20.9	139	93 -- 199	28	21.4	131	87 -- 189
CT 4225	51	40.7	125	93 -- 165	24	21.9	110	70 -- 163	27	18.9	143	94 -- 208
CT 4226	34	30.8	110	76 -- 154	17	17.4	97	57 -- 156	17	13.3	128	74 -- 204
CT 4227	29	19.2	151	* 101 -- 217	13	10.8	120	64 -- 205	16	8.4	191	* 109 -- 310
CT 4228	32	22.0	146	100 -- 206	20	12.7	158	97 -- 244	12	9.3	129	67 -- 225
Total	322	244.9	131	* 117 -- 147	164	133.9	122	* 104 -- 143	158	111.0	142	* 121 -- 166

Note: SIRs are calculated based on the exact number of expected cases.  
 Expected number of cases presented are rounded to the nearest tenth.  
 SIRs and 95% CI are not calculated when observed number of cases < 5.

Obs = Observed number of cases  
 Exp = Expected number of cases  
 SIR = Standardized Incidence Ratio  
 95% CI = 95% Confidence Interval  
 NC = Not calculated  
 \* = Statistical significance

Data Source: Massachusetts Cancer Registry. Bureau of Health Statistics, Research & Evaluation, Massachusetts Department of Public Health.