

**Table 10A**  
**Cancer Incidence in Abington, MA**  
**1982-1994**

1982-1994	Total					Male					Female				
	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI
Bladder	26	28.9	90	59 --	132	16	20.2	79	45 --	129	10	8.7	115	55 --	211
Brain	15	11.0	136	76 --	225	9	5.9	153	70 --	291	6	5.1	117	43 --	255
Kidney	6	16.5	36	* 13 --	79	3	9.8	NC	NC		3	6.7	NC	NC	
Leukemia	15	14.4	104	58 --	172	9	7.8	116	53 --	220	6	6.6	90	33 --	197
Liver	3	3.5	NC	NC		2	2.4	NC	NC		1	1.1	NC	NC	
Lung	128	106.8	120	100 --	143	81	63.9	127	* 101 --	157	47	42.8	110	81 --	146
NHL	19	25.6	74	45 --	116	7	12.8	55	22 --	113	12	12.9	93	48 --	163
Pancreas	12	15.8	76	39 --	133	3	7.1	NC	NC		9	8.7	103	47 --	196

**Notes:**

Expected number of cases presented are rounded to the nearest tenth.

SIRs are calculated based on the exact number of expected cases.

SIRs and 95% Confidence Interval are not calculated when fewer than 5 cases are observed.

Obs = Observed number of cases

Exp = Expected number of cases

SIR = Standardized Incidence Ratio

NC = Not Calculated

95% CI = 95% Confidence Interval

\* Indicates statistical significance (P<.05)

Data source: Massachusetts Cancer Registry, Bureau of Health Statistics, Research and Evaluation, Mass. Dept. of Public Health

Data Analysis: Community Assessment Unit, Bureau of Environmental Health Assessment, Mass. Dept. of Public Health

**Table 10B**  
**Cancer Incidence in Abington, MA**  
**1982-1986 & 1987-1994**

1982-1986	Total					Male					Female				
	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI
Bladder	11	10.9	100	50	-- 180	8	7.6	105	45	-- 207	3	3.3	NC	NC	
Brain	5	3.7	136	44	-- 317	3	2.0	NC	NC		2	1.7	NC	NC	
Kidney	2	4.8	NC	NC		1	2.8	NC	NC		1	2.0	NC	NC	
Leukemia	7	5.3	132	53	-- 272	5	2.8	177	57	-- 414	2	2.5	NC	NC	
Liver	0	1.1	NC	NC		0	0.7	NC	NC		0	0.4	NC	NC	
Lung	50	36.2	138	* 102	-- 182	31	23.0	135	91	-- 191	19	13.2	144	87	-- 225
NHL	2	7.9	NC	NC		1	3.9	NC	NC		1	4.0	NC	NC	
Pancreas	3	5.8	NC	NC		0	2.6	NC	NC		3	3.2	NC	NC	

1987-1994	Total					Male					Female				
	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI
Bladder	15	17.8	84	47	-- 139	8	12.5	64	28	-- 126	7	5.4	131	52	-- 269
Brain	10	7.3	136	65	-- 251	6	3.9	154	56	-- 336	4	3.4	NC	NC	
Kidney	4	11.7	NC	NC		2	7.0	NC	NC		2	4.8	NC	NC	
Leukemia	8	9.0	89	38	-- 175	4	4.9	NC	NC		4	4.1	NC	NC	
Liver	3	2.4	NC	NC		2	1.7	NC	NC		1	0.7	NC	NC	
Lung	78	70.4	111	88	-- 138	50	40.7	123	91	-- 162	28	29.7	94	63	-- 136
NHL	17	17.7	96	56	-- 154	6	8.9	68	25	-- 148	11	8.8	125	62	-- 223
Pancreas	9	9.9	91	42	-- 173	3	4.5	NC	NC		6	5.4	111	40	-- 241

**Notes:**

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Data source: Massachusetts Cancer Registry, Bureau of Health Statistics, Research and Evaluation, Mass. Dept. of Public Health

Data Analysis: Community Assessment Unit, Bureau of Environmental Health Assessment, Mass. Dept. of Public Health

**Table 11A**  
**Cancer Incidence in Abington, MA**  
**CT 5201**  
**1982-1994**

1982-1994	Total					Male					Female				
	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI
Bladder	11	13.6	81	40 --	145	9	9.4	96	44 --	183	2	4.2	NC		NC
Brain	6	4.9	121	44 --	264	4	2.7	NC		NC	2	2.3	NC		NC
Kidney	4	7.5	NC		NC	1	4.4	NC		NC	3	3.1	NC		NC
Leukemia	6	6.7	90	33 --	195	2	3.6	NC		NC	4	3.1	NC		NC
Liver	2	1.6	NC		NC	1	1.1	NC		NC	1	0.5	NC		NC
Lung	57	48.1	118	90 --	154	39	29.2	134	95 --	183	18	18.9	95	56 --	150
NHL	8	11.8	68	29 --	133	3	5.8	NC		NC	5	6.0	83	27 --	194
Pancreas	4	7.4	NC		NC	1	3.2	NC		NC	3	4.1	NC		NC

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Data Analysis: Community Assessment Unit, Bureau of Environmental Health Assessment, Mass. Dept. of Public Health

**Table 11B**  
**Cancer Incidence in Abington, MA**  
**CT 5201**  
**1982-1986 & 1987-1994**

1982-1986	Total					Male					Female				
	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI
Bladder	6	5.3	112	41	-- 245	6	3.7	164	60	-- 356	0	1.7	NC	NC	
Brain	2	1.7	NC	NC		1	0.9	NC	NC		1	0.8	NC	NC	
Kidney	1	2.3	NC	NC		0	1.3	NC	NC		1	0.9	NC	NC	
Leukemia	2	2.5	NC	NC		1	1.3	NC	NC		1	1.2	NC	NC	
Liver	0	0.5	NC	NC		0	0.3	NC	NC		0	0.2	NC	NC	
Lung	24	16.9	142	91	-- 211	14	10.9	129	70	-- 216	10	6.0	166	80	-- 306
NHL	1	3.8	NC	NC		1	1.8	NC	NC		0	1.9	NC	NC	
Pancreas	1	2.8	NC	NC		0	1.2	NC	NC		1	1.6	NC	NC	

1987-1994	Total					Male					Female				
	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI
Bladder	5	8.2	61	20	-- 142	3	5.7	NC	NC		2	2.5	NC	NC	
Brain	4	3.3	NC	NC		3	1.7	NC	NC		1	1.5	NC	NC	
Kidney	3	5.3	NC	NC		1	3.1	NC	NC		2	2.1	NC	NC	
Leukemia	4	4.1	NC	NC		1	2.2	NC	NC		3	1.9	NC	NC	
Liver	2	1.1	NC	NC		1	0.8	NC	NC		1	0.3	NC	NC	
Lung	33	31.2	106	73	-- 148	25	18.3	136	88	-- 201	8	12.9	62	27	-- 122
NHL	7	8.1	87	35	-- 179	2	4.0	NC	NC		5	4.1	123	40	-- 286
Pancreas	3	4.6	NC	NC		1	2.0	NC	NC		2	2.5	NC	NC	

Notes:  
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SIRs and 95% Confidence Interval are not calculated when fewer than 5 cases are observed.  
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Exp = Expected number of cases  
SIR = Standardized Incidence Ratio  
NC = Not Calculated  
95% CI = 95% Confidence Interval  
\* Indicates statistical significance (P<.05)  
Data source: Massachusetts Cancer Registry, Bureau of Health Statistics, Research and Evaluation, Mass. Dept. of Public Health  
Data Analysis: Community Assessment Unit, Bureau of Environmental Health Assessment, Mass. Dept. of Public Health

**Table 12A**  
**Cancer Incidence in Abington, MA**  
**CT 5202.01**  
**1982-1994**

1982-1994	Total					Male					Female				
	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI
Bladder	8	6.9	117	50	-- 230	2	5.0	NC	NC		6	1.8	330 *	121	-- 718
Brain	3	2.9	NC	NC		2	1.6	NC	NC		1	1.3	NC	NC	
Kidney	0	4.1	NC	NC		0	2.6	NC	NC		0	1.6	NC	NC	
Leukemia	6	3.5	172	63	-- 375	4	2.0	NC	NC		2	1.5	NC	NC	
Liver	1	0.9	NC	NC		1	0.6	NC	NC		0	0.2	NC	NC	
Lung	25	27.0	93	60	-- 137	14	16.6	84	46	-- 141	11	10.3	106	53	-- 190
NHL	1	6.2	NC	NC		0	3.3	NC	NC		1	2.9	NC	NC	
Pancreas	5	3.6	137	44	-- 321	1	1.8	NC	NC		4	1.8	NC	NC	

Notes:  
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Exp = Expected number of cases  
SIR = Standardized Incidence Ratio  
NC = Not Calculated  
95% CI = 95% Confidence Interval  
\* Indicates statistical significance (P<.05)  
Data source: Massachusetts Cancer Registry, Bureau of Health Statistics, Research and Evaluation, Mass. Dept. of Public Health  
Data Analysis: Community Assessment Unit, Bureau of Environmental Health Assessment, Mass. Dept. of Public Health

**Table 12B**  
**Cancer Incidence in Abington, MA**  
**CT 5202.01**  
**1982-1986 & 1987-1994**

1982-1986	Total					Male					Female				
	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI
Bladder	3	2.7	NC	NC		1	2.0	NC	NC		2	0.7	NC	NC	
Brain	2	1.0	NC	NC		1	0.6	NC	NC		1	0.4	NC	NC	
Kidney	0	1.2	NC	NC		0	0.8	NC	NC		0	0.5	NC	NC	
Leukemia	3	1.3	NC	NC		2	0.8	NC	NC		1	0.6	NC	NC	
Liver	0	0.3	NC	NC		0	0.2	NC	NC		0	0.1	NC	NC	
Lung	5	9.6	52	17	-- 122	4	6.2	NC	NC		1	3.4	NC	NC	
NHL	0	2.0	NC	NC		0	1.1	NC	NC		0	0.9	NC	NC	
Pancreas	2	1.4	NC	NC		0	0.7	NC	NC		2	0.7	NC	NC	

1987-1994	Total					Male					Female				
	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI
Bladder	5	4.1	121	39	-- 281	1	3.1	NC	NC		4	1.1	NC	NC	
Brain	1	1.9	NC	NC		1	1.0	NC	NC		0	0.8	NC	NC	
Kidney	0	2.9	NC	NC		0	1.8	NC	NC		0	1.1	NC	NC	
Leukemia	3	2.2	NC	NC		2	1.2	NC	NC		1	0.9	NC	NC	
Liver	1	0.6	NC	NC		1	0.4	NC	NC		0	0.2	NC	NC	
Lung	20	17.4	115	70	-- 178	10	10.4	96	46	-- 176	10	7.0	144	69	-- 264
NHL	1	4.2	NC	NC		0	2.3	NC	NC		1	1.9	NC	NC	
Pancreas	3	2.2	NC	NC		1	1.1	NC	NC		2	1.1	NC	NC	

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Data Analysis: Community Assessment Unit, Bureau of Environmental Health Assessment, Mass. Dept. of Public Health

**Table 13A**  
**Cancer Incidence in Abington, MA**  
**CT 5202.02**  
**1982-1994**

1982-1994	Total					Male					Female				
	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI
Bladder	7	8.5	83	33	-- 170	5	5.8	86	28	-- 202	2	2.7	NC	NC	
Brain	6	3.2	188	69	-- 409	3	1.6	NC	NC		3	1.6	NC	NC	
Kidney	2	4.8	NC	NC		2	2.7	NC	NC		0	2.1	NC	NC	
Leukemia	3	4.2	NC	NC		3	2.2	NC	NC		0	2.0	NC	NC	
Liver	0	1.0	NC	NC		0	0.7	NC	NC		0	0.3	NC	NC	
Lung	46	31.6	146	* 107	-- 194	28	18.0	155	* 103	-- 224	18	13.6	133	79	-- 210
NHL	10	7.6	132	63	-- 244	4	3.6	NC	NC		6	4.0	150	55	-- 326
Pancreas	3	4.7	NC	NC		1	2.0	NC	NC		2	2.7	NC	NC	

Notes:  
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SIR = Standardized Incidence Ratio  
NC = Not Calculated  
95% CI = 95% Confidence Interval  
\* Indicates statistical significance (P<.05)  
Data source: Massachusetts Cancer Registry, Bureau of Health Statistics, Research and Evaluation, Mass. Dept. of Public Health  
Data Analysis: Community Assessment Unit, Bureau of Environmental Health Assessment, Mass. Dept. of Public Health

**Table 13B**  
**Cancer Incidence in Abington, MA**  
**CT 5202.02**  
**1982-1986 & 1987-1994**

1982-1986	Total					Male					Female				
	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI
Bladder	2	2.9	NC	NC		1	2.0	NC	NC		1	0.9	NC	NC	
Brain	1	1.0	NC	NC		1	0.5	NC	NC		0	0.5	NC	NC	
Kidney	1	1.3	NC	NC		1	0.7	NC	NC		0	0.6	NC	NC	
Leukemia	2	1.4	NC	NC		2	0.7	NC	NC		0	0.7	NC	NC	
Liver	0	0.3	NC	NC		0	0.2	NC	NC		0	0.1	NC	NC	
Lung	21	9.8	215	* 133	-- 329	13	6.0	217	* 116	-- 372	8	3.8	212	91	-- 417
NHL	1	2.1	NC	NC		0	1.0	NC	NC		1	1.1	NC	NC	
Pancreas	0	1.6	NC	NC		0	0.7	NC	NC		0	0.9	NC	NC	

1987-1994	Total					Male					Female				
	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI	Obs	Exp	SIR	95 %	CI
Bladder	5	5.5	92	30	-- 214	4	3.7	NC	NC		1	1.7	NC	NC	
Brain	5	2.2	227	73	-- 530	2	1.1	NC	NC		3	1.1	NC	NC	
Kidney	1	3.6	NC	NC		1	2.0	NC	NC		0	1.5	NC	NC	
Leukemia	1	2.7	NC	NC		1	1.4	NC	NC		0	1.3	NC	NC	
Liver	0	0.7	NC	NC		0	0.5	NC	NC		0	0.2	NC	NC	
Lung	25	21.7	115	75	-- 170	15	11.9	126	70	-- 208	10	9.8	102	49	-- 187
NHL	9	5.4	167	76	-- 316	4	2.6	NC	NC		5	2.8	177	57	-- 412
Pancreas	3	3.1	NC	NC		1	1.3	NC	NC		2	1.8	NC	NC	

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