

East Bridgewater

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	6.22	8	129	Male	4.93	3	NC*
Female	2.41	2	NC*	Female	3.93	4	NC*
Total	8.63	10	116	Total	8.87	7	79
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	2.38	3	NC*	Male	1.31	3	NC*
Female	1.86	1	NC*	Female	1.17	2	NC*
Total	4.24	4	NC*	Total	2.48	5	202
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.32	0	NC*	Male	5.83	6	103
Female	46.55	47	101	Female	5.03	7	139
Total	46.86	47	100	Total	10.87	13	120
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	2.83	2	NC*	Male	4.74	6	127
				Female	2.19	2	NC*
				Total	6.93	8	115
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	15.78	21	133	Female	5.47	2	NC*
Female	15.05	18	120				
Total	30.82	39	127				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	2.53	6	237	Male	2.78	2	NC*
Female	0.73	0	NC*	Female	2.79	3	NC*
Total	3.26	6	184	Total	5.58	5	90
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	1.29	0	NC*	Male	41.96	51	122
Female	0.95	4	NC*				
Total	2.24	4	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	4.28	4	NC*	Male	2.74	3	NC*
Female	2.64	1	NC*	Female	1.62	1	NC*
Total	6.92	5	72	Total	4.36	4	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	2.46	1	NC*	Male	2.04	7	343 #+
Female	0.63	2	NC*				
Total	3.10	3	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	3.36	4	NC*	Male	1.12	0	NC*
Female	2.65	3	NC*	Female	2.94	4	NC*
Total	6.02	7	116	Total	4.06	4	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	1.65	2	NC*	Female	8.99	3	NC*
Female	0.63	0	NC*				
Total	2.29	2	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	21.00	24	114	Male	137.94	165	120 #+
Female	17.69	21	119	Female	138.07	141	102
Total	38.69	45	116	Total	276.01	306	111

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

East Brookfield

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	1.63	2	NC*	Male	1.03	0	NC*
Female	0.48	1	NC*	Female	0.67	1	NC*
Total	2.12	3	NC*	Total	1.70	1	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.45	0	NC*	Male	0.31	0	NC*
Female	0.32	0	NC*	Female	0.22	0	NC*
Total	0.77	0	NC*	Total	0.54	0	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.07	1	NC*	Male	1.26	0	NC*
Female	8.01	7	87	Female	0.94	1	NC*
Total	8.09	8	99	Total	2.20	1	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.46	1	NC*	Male	0.97	0	NC*
				Female	0.39	0	NC*
				Total	1.36	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	4.02	3	NC*	Female	0.94	0	NC*
Female	3.04	4	NC*				
Total	7.06	7	99				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.56	0	NC*	Male	0.67	1	NC*
Female	0.15	0	NC*	Female	0.56	0	NC*
Total	0.71	0	NC*	Total	1.23	1	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.21	0	NC*	Male	9.70	4	NC*
Female	0.16	0	NC*				
Total	0.37	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.92	0	NC*	Male	0.68	0	NC*
Female	0.48	0	NC*	Female	0.33	0	NC*
Total	1.40	0	NC*	Total	1.01	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.52	1	NC*	Male	0.31	0	NC*
Female	0.11	0	NC*				
Total	0.63	1	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.74	0	NC*	Male	0.19	0	NC*

Female	0.48	0	NC*
Total	1.22	0	NC*

Liver and Intrahepatic Bile Ducts

Male	0.36	0	NC*
Female	0.12	0	NC*
Total	0.48	0	NC*

Lung and Bronchus

Male	5.01	4	NC*
Female	3.29	4	NC*
Total	8.30	8	96

Female	0.47	0	NC*
Total	0.66	0	NC*

Uteri, Corpus and Uterus, NOS

Female	1.55	1	NC*
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All Sites / Types

Male	31.81	18	57 #-
Female	24.94	24	96
Total	56.74	42	74

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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+ indicates number of observed cases is statistically significantly higher than the expected number of cases

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indicates statistical significance at the **p** ≤ 0.05 level

~ indicates statistical significance at the **p** ≤ 0.01 level, as well as at the **p** ≤ 0.05 level

^ indicates statistical significance at the **p** ≤ 0.001 level, as well as at the **p** ≤ 0.05 and **p** ≤ 0.01 levels

East Longmeadow

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>			
Male	10.91	11	101
Female	4.44	4	NC*
Total	15.35	15	98

Brain and Other Central Nervous System

Male	3.10	4	NC*
Female	2.53	3	NC*
Total	5.63	7	124

Breast

Male	0.51	0	NC*
Female	67.28	69	103
Total	67.79	69	102

Cervix Uteri

Female	3.46	0	NC*
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Colon / Rectum

Male	27.13	24	88
Female	27.79	27	97
Total	54.92	51	93

Esophagus

Male	3.95	0	NC*
Female	1.36	2	NC*
Total	5.31	2	NC*

Hodgkin's Disease (Hodgkin Lymphoma)

Male	1.42	3	NC*
Female	1.10	1	NC*

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Melanoma of Skin</u>			
Male	7.06	7	99
Female	5.41	7	129
Total	12.47	14	112

Multiple Myeloma

Male	2.13	1	NC*
Female	1.96	1	NC*
Total	4.10	2	NC*

Non-Hodgkin('s) Lymphoma

Male	8.50	10	118
Female	8.08	11	136
Total	16.57	21	127

Oral Cavity and Pharynx

Male	6.76	3	NC*
Female	3.40	8	235 #+
Total	10.16	11	108

Ovary

Female	7.71	6	78
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Pancreas

Male	4.59	4	NC*
Female	5.12	1	NC*
Total	9.72	5	51

Prostate

Male	69.18	54	78
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Total	2.52	4	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	6.38	5	78	Male	4.58	3	NC*
Female	4.13	3	NC*	Female	3.03	4	NC*
Total	10.51	8	76	Total	7.61	7	92
<u>Larynx</u>				<u>Testis</u>			
Male	3.71	3	NC*	Male	1.99	2	NC*
Female	0.95	0	NC*				
Total	4.66	3	NC*	<u>Thyroid</u>			
<u>Leukemia</u>				Male	1.33	2	NC*
Male	4.97	4	NC*	Female	3.40	2	NC*
Female	4.11	2	NC*	Total	4.73	4	NC*
Total	9.08	6	66	<u>Uteri, Corpus and Uterus, NOS</u>			
<u>Liver and Intrahepatic Bile Ducts</u>				Female	13.14	19	145
Male	2.49	0	NC*	<u>All Sites / Types</u>			
Female	1.11	1	NC*	Male	220.01	170	77 ^-
Total	3.60	1	NC*	Female	213.91	214	100
<u>Lung and Bronchus</u>				Total	433.92	384	88 #-
Male	34.89	21	60 #-				
Female	28.48	28	98				
Total	63.38	49	77				

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Eastham

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	6.43	11	171	Male	3.41	3	NC*
Female	2.06	0	NC*	Female	2.15	4	NC*
Total	8.49	11	130	Total	5.56	7	126
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	1.34	2	NC*	Male	1.17	5	428 #+
Female	1.05	2	NC*	Female	0.90	0	NC*
Total	2.40	4	NC*	Total	2.07	5	242
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.28	0	NC*	Male	4.24	6	141
Female	28.03	48	171 ^+	Female	3.65	2	NC*
Total	28.30	48	170 ^+	Total	7.89	8	101
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	1.29	1	NC*	Male	3.12	2	NC*
				Female	1.47	2	NC*
				Total	4.59	4	NC*

Colon / Rectum

Male	15.62	14	90
Female	12.93	19	147
Total	28.55	33	116

Esophagus

Male	2.01	3	NC*
Female	0.64	0	NC*
Total	2.65	3	NC*

Hodgkin's Disease (Hodgkin Lymphoma)

Male	0.52	1	NC*
Female	0.41	2	NC*
Total	0.92	3	NC*

Kidney and Renal Pelvis

Male	3.16	2	NC*
Female	1.84	1	NC*
Total	5.01	3	NC*

Larynx

Male	1.80	2	NC*
Female	0.43	0	NC*
Total	2.23	2	NC*

Leukemia

Male	2.55	3	NC*
Female	1.70	4	NC*
Total	4.25	7	165

Liver and Intrahepatic Bile Ducts

Male	1.23	3	NC*
Female	0.51	0	NC*
Total	1.75	3	NC*

Lung and Bronchus

Male	19.08	14	73
Female	13.45	11	82
Total	32.54	25	77

Ovary

Female	3.19	3	NC*
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Pancreas

Male	2.52	4	NC*
Female	2.41	1	NC*
Total	4.93	5	101

Prostate

Male	36.68	59	161 ^+
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Stomach

Male	2.58	2	NC*
Female	1.36	0	NC*
Total	3.94	2	NC*

Testis

Male	0.61	1	NC*
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Thyroid

Male	0.50	0	NC*
Female	1.21	1	NC*
Total	1.71	1	NC*

Uteri, Corpus and Uterus, NOS

Female	5.62	9	160
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All Sites / Types

Male	116.70	141	121 #+
Female	93.31	122	131 ~+
Total	210.01	263	125 ^+

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Easthampton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary				Melanoma of Skin			
Male	10.25	10	98	Male	6.87	9	131
Female	4.13	3	NC*	Female	5.39	5	93
Total	14.38	13	90	Total	12.26	14	114
Brain and Other Central Nervous System				Multiple Myeloma			

Male	3.08	3	NC*	Male	2.00	1	NC*
Female	2.57	4	NC*	Female	1.85	3	NC*
Total	5.64	7	124	Total	3.85	4	NC*
Breast				Non-Hodgkin('s) Lymphoma			
Male	0.48	1	NC*	Male	8.32	10	120
Female	64.18	64	100	Female	7.84	9	115
Total	64.66	65	101	Total	16.16	19	118
Cervix Uteri				Oral Cavity and Pharynx			
Female	3.65	2	NC*	Male	6.33	5	79
Colon / Rectum				Female	3.21	1	NC*
Male	25.42	20	79	Total	9.54	6	63
Female	26.03	20	77	Ovary			
Total	51.45	40	78	Female	7.50	11	147
Esophagus				Pancreas			
Male	3.63	6	165	Male	4.27	8	187
Female	1.26	1	NC*	Female	4.78	5	105
Total	4.89	7	143	Total	9.05	13	144
Hodgkin's Disease (Hodgkin Lymphoma)				Prostate			
Male	1.59	1	NC*	Male	62.47	51	82
Female	1.26	2	NC*	Stomach			
Total	2.85	3	NC*	Male	4.30	3	NC*
Kidney and Renal Pelvis				Female	2.81	2	NC*
Male	6.03	6	100	Total	7.11	5	70
Female	3.93	4	NC*	Testis			
Total	9.95	10	100	Male	2.48	2	NC*
Larynx				Thyroid			
Male	3.40	2	NC*	Male	1.38	0	NC*
Female	0.89	1	NC*	Female	3.72	2	NC*
Total	4.30	3	NC*	Total	5.10	2	NC*
Leukemia				Uteri, Corpus and Uterus, NOS			
Male	4.85	3	NC*	Female	12.38	10	81
Female	3.90	4	NC*	All Sites / Types			
Total	8.76	7	80	Male	205.72	176	86 #-
Liver and Intrahepatic Bile Ducts				Female	204.54	196	96
Male	2.33	3	NC*	Total	410.26	372	91
Female	1.04	0	NC*				
Total	3.37	3	NC*				
Lung and Bronchus							
Male	32.20	25	78				
Female	27.24	28	103				
Total	59.44	53	89				

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Easton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	10.95	12	110	Male	8.51	12	141
Female	4.03	5	124	Female	6.69	9	134
Total	14.98	17	113	Total	15.21	21	138
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	4.03	5	124	Male	2.30	1	NC*
Female	3.15	3	NC*	Female	1.94	3	NC*
Total	7.18	8	111	Total	4.23	4	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.56	0	NC*	Male	10.04	3	NC*
Female	77.91	93	119	Female	8.44	8	95
Total	78.47	93	119	Total	18.48	11	60
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	4.86	5	103	Male	8.27	12	145
				Female	3.66	4	NC*
				Total	11.93	16	134
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	27.76	28	101	Female	9.19	12	131
Female	25.17	26	103				
Total	52.92	54	102				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	4.46	3	NC*	Male	4.90	7	143
Female	1.21	5	412 #+	Female	4.65	6	129
Total	5.67	8	141	Total	9.55	13	136
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	2.11	4	NC*	Male	74.26	75	101
Female	1.66	4	NC*				
Total	3.77	8	212				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	7.45	5	67	Male	4.81	5	104
Female	4.39	1	NC*	Female	2.74	4	NC*
Total	11.84	6	51	Total	7.55	9	119
<u>Larynx</u>				<u>Testis</u>			
Male	4.32	3	NC*	Male	3.28	3	NC*
Female	1.04	0	NC*				
Total	5.37	3	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	5.75	9	156	Male	1.89	4	NC*
Female	4.50	4	NC*	Female	5.10	5	98
Total	10.25	13	127	Total	6.99	9	129
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	2.89	2	NC*	Female	14.92	7	47 #-
Female	1.06	0	NC*				
Total	3.94	2	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	36.98	46	124	Male	241.43	250	104
Female	29.16	19	65	Female	231.18	239	103

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

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+ indicates number of observed cases is statistically significantly higher than the expected number of cases

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indicates statistical significance at the $p \leq 0.05$ level

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Edgartown

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	2.57	5	195	Male	1.75	2	NC*
Female	0.93	0	NC*	Female	1.29	1	NC*
Total	3.50	5	143	Total	3.04	3	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.77	2	NC*	Male	0.51	0	NC*
Female	0.61	0	NC*	Female	0.43	0	NC*
Total	1.38	2	NC*	Total	0.94	0	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.12	0	NC*	Male	2.09	1	NC*
Female	15.75	17	108	Female	1.81	1	NC*
Total	15.87	17	107	Total	3.90	2	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.88	2	NC*	Male	1.67	1	NC*
				Female	0.77	2	NC*
				Total	2.44	3	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	6.38	6	94	Female	1.83	0	NC*
Female	5.80	5	86				
Total	12.18	11	90				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.95	0	NC*	Male	1.09	1	NC*
Female	0.28	1	NC*	Female	1.08	1	NC*
Total	1.23	1	NC*	Total	2.18	2	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.37	0	NC*	Male	16.06	12	75
Female	0.29	1	NC*				
Total	0.66	1	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	1.56	2	NC*	Male	1.09	0	NC*
Female	0.94	0	NC*	Female	0.63	0	NC*
Total	2.50	2	NC*	Total	1.72	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.89	3	NC*	Male	0.55	1	NC*
Female	0.22	1	NC*				
Total	1.12	4	NC*				

Leukemia

Male	1.21	0	NC*
Female	0.92	0	NC*
Total	2.12	0	NC*

Thyroid

Male	0.35	0	NC*
Female	0.89	0	NC*
Total	1.23	0	NC*

Liver and Intrahepatic Bile Ducts

Male	0.60	1	NC*
Female	0.24	1	NC*
Total	0.84	2	NC*

Uteri, Corpus and Uterus, NOS

Female	3.08	3	NC*
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Lung and Bronchus

Male	8.17	8	98
Female	6.48	3	NC*
Total	14.65	11	75

All Sites / Types

Male	52.24	49	94
Female	48.54	40	82
Total	100.78	89	88

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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Egremont**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	1.32	0	NC*	Male	0.76	0	NC*
Female	0.40	0	NC*	Female	0.48	0	NC*
Total	1.72	0	NC*	Total	1.24	0	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.31	0	NC*	Male	0.25	0	NC*
Female	0.22	1	NC*	Female	0.18	0	NC*
Total	0.53	1	NC*	Total	0.42	0	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.06	0	NC*	Male	0.93	0	NC*
Female	6.05	4	NC*	Female	0.72	0	NC*
Total	6.11	4	NC*	Total	1.65	0	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.30	1	NC*	Male	0.71	0	NC*
				Female	0.30	1	NC*
				Total	1.02	1	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	3.23	2	NC*	Female	0.69	1	NC*
Female	2.49	0	NC*				
Total	5.72	2	NC*	<u>Pancreas</u>			
<u>Esophagus</u>				Male	0.53	1	NC*
Male	0.44	0	NC*	Female	0.46	1	NC*
Female	0.12	0	NC*	Total	0.99	2	NC*
Total	0.56	0	NC*	<u>Prostate</u>			
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>							

Male	0.13	0	NC*	Male	7.73	4	NC*
Female	0.09	0	NC*				
Total	0.22	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.69	1	NC*	Male	0.55	0	NC*
Female	0.37	0	NC*	Female	0.27	0	NC*
Total	1.06	1	NC*	Total	0.81	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.40	0	NC*	Male	0.16	0	NC*
Female	0.09	0	NC*				
Total	0.48	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.55	0	NC*	Male	0.13	0	NC*
Female	0.36	0	NC*	Female	0.30	0	NC*
Total	0.90	0	NC*	Total	0.42	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.27	0	NC*	Female	1.19	1	NC*
Female	0.10	0	NC*				
Total	0.37	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	3.98	2	NC*	Male	24.77	12	48 ~-
Female	2.60	2	NC*	Female	19.20	15	78
Total	6.58	4	NC*	Total	43.97	27	61 ~-

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Erving

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	1.19	0	NC*	Male	0.77	0	NC*
Female	0.40	1	NC*	Female	0.53	0	NC*
Total	1.59	1	NC*	Total	1.30	0	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.33	0	NC*	Male	0.23	0	NC*
Female	0.25	0	NC*	Female	0.18	0	NC*
Total	0.58	0	NC*	Total	0.42	0	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.06	0	NC*	Male	0.92	2	NC*
Female	6.47	5	77	Female	0.76	1	NC*
Total	6.53	5	77	Total	1.69	3	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
				Male	0.73	0	NC*

Female	0.36	1	NC*	Female	0.32	0	NC*
				Total	1.05	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	2.94	6	204	Female	0.75	2	NC*
Female	2.51	1	NC*				
Total	5.45	7	128	<u>Pancreas</u>			
<u>Esophagus</u>				Male	0.50	0	NC*
Male	0.42	0	NC*	Female	0.46	1	NC*
Female	0.12	1	NC*	Total	0.96	1	NC*
Total	0.54	1	NC*	<u>Prostate</u>			
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				Male	7.25	5	69
Male	0.15	0	NC*	<u>Stomach</u>			
Female	0.12	0	NC*	Male	0.50	0	NC*
Total	0.27	0	NC*	Female	0.27	0	NC*
<u>Kidney and Renal Pelvis</u>				Total	0.77	0	NC*
Male	0.69	0	NC*	<u>Testis</u>			
Female	0.39	0	NC*	Male	0.22	0	NC*
Total	1.08	0	NC*	<u>Thyroid</u>			
<u>Larynx</u>				Male	0.14	0	NC*
Male	0.39	2	NC*	Female	0.36	1	NC*
Female	0.09	0	NC*	Total	0.50	1	NC*
Total	0.48	2	NC*	<u>Uteri, Corpus and Uterus, NOS</u>			
<u>Leukemia</u>				Female	1.26	0	NC*
Male	0.53	1	NC*	<u>All Sites / Types</u>			
Female	0.37	0	NC*	Male	23.50	22	94
Total	0.91	1	NC*	Female	20.25	15	74
<u>Liver and Intrahepatic Bile Ducts</u>				Total	43.74	37	85
Male	0.27	0	NC*				
Female	0.10	0	NC*				
Total	0.37	0	NC*				
<u>Lung and Bronchus</u>							
Male	3.71	4	NC*				
Female	2.72	1	NC*				
Total	6.43	5	78				

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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Essex

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	2.14	6	280 #+	Male	1.43	1	NC*
Female	0.79	3	NC*	Female	1.05	4	NC*

Total	2.93	9	307 ~+	Total	2.48	5	202
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.64	1	NC*	Male	0.43	1	NC*
Female	0.51	2	NC*	Female	0.36	1	NC*
Total	1.15	3	NC*	Total	0.79	2	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.10	0	NC*	Male	1.71	2	NC*
Female	12.93	24	186 ~+	Female	1.52	0	NC*
Total	13.03	24	184 ~+	Total	3.23	2	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.70	3	NC*	Male	1.36	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	5.32	6	113	Female	1.50	1	NC*
Female	4.95	5	101				
Total	10.27	11	107				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.78	1	NC*	Male	0.90	0	NC*
Female	0.24	0	NC*	Female	0.92	3	NC*
Total	1.02	1	NC*	Total	1.82	3	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.30	0	NC*	Male	13.45	11	82
Female	0.23	0	NC*				
Total	0.53	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	1.29	0	NC*	Male	0.90	0	NC*
Female	0.78	2	NC*	Female	0.53	1	NC*
Total	2.07	2	NC*	Total	1.43	1	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.74	1	NC*	Male	0.44	1	NC*
Female	0.18	0	NC*				
Total	0.92	1	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	1.01	0	NC*	Male	0.28	1	NC*
Female	0.77	1	NC*	Female	0.70	1	NC*
Total	1.78	1	NC*	Total	0.98	2	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.50	0	NC*	Female	2.54	3	NC*
Female	0.20	0	NC*				
Total	0.70	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	6.87	2	NC*	Male	43.46	36	83
Female	5.43	11	203 #+	Female	40.36	72	178 ^+
Total	12.30	13	106	Total	83.82	108	129 #+

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Everett

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	22.79	21	92	Male	14.88	8	54
Female	10.59	8	76	Female	13.14	5	38 #~
Total	33.39	29	87	Total	28.02	13	46 ~-
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	6.66	9	135	Male	4.34	3	NC*
Female	6.24	6	96	Female	4.60	1	NC*
Total	12.90	15	116	Total	8.94	4	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	1.05	1	NC*	Male	18.21	23	126
Female	154.40	153	99	Female	19.59	16	82
Total	155.44	154	99	Total	37.80	39	103
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	8.81	9	102	Male	13.40	22	164 #+
				Female	7.86	10	127
				Total	21.26	32	150 #+
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	56.40	58	103	Female	18.07	17	94
Female	66.80	80	120				
Total	123.20	138	112				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	7.82	8	102	Male	9.38	12	128
Female	3.25	2	NC*	Female	12.22	12	98
Total	11.07	10	90	Total	21.60	24	111
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	3.57	7	196	Male	136.59	125	92
Female	3.13	2	NC*				
Total	6.70	9	134				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	12.87	14	109	Male	9.51	10	105
Female	9.65	14	145	Female	7.27	12	165
Total	22.52	28	124	Total	16.78	22	131
<u>Larynx</u>				<u>Testis</u>			
Male	7.24	11	152	Male	5.72	9	157
Female	2.13	0	NC*				
Total	9.37	11	117				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	10.64	8	75	Male	2.99	1	NC*
Female	9.75	12	123	Female	8.99	6	67
Total	20.38	20	98	Total	11.98	7	58
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	5.00	5	100	Female	29.49	39	132
Female	2.63	2	NC*				
Total	7.64	7	92				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			

Male	70.56	90	128 #+	Male	450.74	480	106
Female	66.87	85	127 #+	Female	503.57	542	108
Total	137.43	175	127 ~+	Total	954.30	1022	107 #+

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Fairhaven

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	12.61	13	103	Male	7.93	5	63
Female	5.07	5	99	Female	6.09	8	131
Total	17.68	18	102	Total	14.02	13	93
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	3.42	5	146	Male	2.44	1	NC*
Female	2.91	3	NC*	Female	2.26	2	NC*
Total	6.33	8	126	Total	4.70	3	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.58	0	NC*	Male	9.59	14	146
Female	75.37	83	110	Female	9.33	17	182 #+
Total	75.96	83	109	Total	18.92	31	164 #+
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	3.93	5	127	Male	7.44	8	108
				Female	3.82	4	NC*
				Total	11.26	12	107
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	31.16	22	71	Female	8.69	10	115
Female	31.89	43	135				
Total	63.04	65	103	<u>Pancreas</u>			
<u>Esophagus</u>				Male	5.19	6	116
Male	4.39	2	NC*	Female	5.88	9	153
Female	1.56	1	NC*	Total	11.07	15	135
Total	5.95	3	NC*	<u>Prostate</u>			
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				Male	77.02	79	103
Male	1.57	1	NC*				
Female	1.29	0	NC*	<u>Stomach</u>			
Total	2.86	1	NC*	Male	5.22	3	NC*
<u>Kidney and Renal Pelvis</u>				Female	3.41	6	176
Male	7.17	9	126	Total	8.64	9	104
Female	4.71	8	170	<u>Testis</u>			
Total	11.88	17	143	Male	2.22	4	NC*
<u>Larynx</u>							
Male	4.10	0	NC*				

Female	1.08	1	NC*
Total	5.18	1	NC*
<u>Leukemia</u>			
Male	5.65	2	NC*
Female	4.57	12	263 ~+
Total	10.22	14	137
<u>Liver and Intrahepatic Bile Ducts</u>			
Male	2.77	3	NC*
Female	1.27	0	NC*
Total	4.04	3	NC*
<u>Lung and Bronchus</u>			
Male	39.54	49	124
Female	33.18	39	118
Total	72.72	88	121

<u>Thyroid</u>			
Male	1.45	1	NC*
Female	3.88	2	NC*
Total	5.32	3	NC*
<u>Uteri, Corpus and Uterus, NOS</u>			
Female	14.77	23	156
<u>All Sites / Types</u>			
Male	248.00	249	100
Female	242.94	300	123 ^+
Total	490.94	549	112 #+

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Fall River

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	62.09	73	118	Male	38.03	14	37 ^-
Female	29.55	36	122	Female	33.57	20	60 #-
Total	91.63	109	119	Total	71.61	34	47 ^-
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	16.64	18	108	Male	11.65	12	103
Female	16.04	16	100	Female	12.55	11	88
Total	32.69	34	104	Total	24.20	23	95
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	2.79	2	NC*	Male	46.90	56	119
Female	402.66	351	87 ~-	Female	52.52	60	114
Total	405.45	353	87 ~-	Total	99.41	116	117
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	21.40	26	122	Male	34.43	45	131
				Female	21.00	27	129
				Total	55.43	72	130 #+
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	152.39	157	103	Female	46.69	43	92
Female	186.40	158	85 #-				
Total	338.79	315	93				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	20.59	23	112	Male	25.08	18	72
Female	9.10	8	88	Female	33.96	37	109

Total	29.69	31	104	Total	59.04	55	93
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	8.23	4	NC*	Male	362.06	378	104
Female	7.53	5	66				
Total	15.76	9	57				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	33.67	30	89	Male	25.60	36	141
Female	25.77	25	97	Female	20.36	36	177 ~+
Total	59.44	55	93	Total	45.96	72	157 ^+
<u>Larynx</u>				<u>Testis</u>			
Male	18.86	32	170 ~+	Male	12.30	13	106
Female	5.61	8	143				
Total	24.47	40	163 ~+				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	27.99	32	114	Male	7.04	8	114
Female	26.34	22	84	Female	21.38	18	84
Total	54.34	54	99	Total	28.42	26	91
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	13.05	15	115				
Female	7.25	7	97	Female	77.31	73	94
Total	20.30	22	108				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	188.37	244	130 ^+	Male	1189.92	1297	109 ~+
Female	179.13	150	84 #-	Female	1340.79	1252	93 #-
Total	367.50	394	107	Total	2530.71	2549	101

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SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

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Falmouth

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	30.06	35	116	Male	17.03	29	170 #+
Female	10.76	19	177 #+	Female	12.02	19	158
Total	40.82	54	132	Total	29.06	48	165 ~+
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	6.99	7	100	Male	5.57	10	179
Female	5.78	7	121	Female	4.72	9	191
Total	12.77	14	110	Total	10.29	19	185 #+
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	1.33	5	376 #+	Male	20.98	20	95
Female	152.50	180	118 #+	Female	19.26	19	99
Total	153.83	185	120 #+	Total	40.24	39	97

Cervix Uteri

Female	7.44	12	161
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Colon / Rectum

Male	73.51	71	97
Female	67.53	71	105
Total	141.03	142	101

Esophagus

Male	9.84	5	51
Female	3.31	2	NC*
Total	13.15	7	53

Hodgkin's Disease (Hodgkin Lymphoma)

Male	2.92	0	NC*
Female	2.38	4	NC*
Total	5.30	4	NC*

Kidney and Renal Pelvis

Male	15.61	25	160 #+
Female	9.75	12	123
Total	25.36	37	146 #+

Larynx

Male	8.93	8	90
Female	2.23	3	NC*
Total	11.16	11	99

Leukemia

Male	12.51	16	128
Female	9.37	6	64
Total	21.88	22	101

Liver and Intrahepatic Bile Ducts

Male	6.09	9	148
Female	2.67	5	187
Total	8.77	14	160

Lung and Bronchus

Male	90.93	105	115
Female	69.37	65	94
Total	160.31	170	106

Oral Cavity and Pharynx

Male	15.83	15	95
Female	7.87	7	89
Total	23.70	22	93

Ovary

Female	17.45	19	109
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Pancreas

Male	12.05	11	91
Female	12.51	16	128
Total	24.55	27	110

Prostate

Male	176.41	214	121 ~+
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Stomach

Male	12.26	14	114
Female	7.23	10	138
Total	19.49	24	123

Testis

Male	3.74	1	NC*
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Thyroid

Male	2.78	1	NC*
Female	7.14	8	112
Total	9.92	9	91

Uteri, Corpus and Uterus, NOS

Female	30.17	42	139 #+
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All Sites / Types

Male	563.05	643	114 ~+
Female	498.94	563	113 ~+
Total	1061.99	1206	114 ^+

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Fitchburg

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

<u>Exp</u>	<u>Obs</u>	<u>SIR</u>	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
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<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	25.05	38	152 #+	Male	16.00	11	69
Female	11.22	20	178 #+	Female	13.50	6	44 #-
Total	36.27	58	160 ~+	Total	29.50	17	58 #-
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	7.24	5	69	Male	4.72	4	NC*
Female	6.54	6	92	Female	4.78	1	NC*
Total	13.78	11	80	Total	9.50	5	53
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	1.14	1	NC*	Male	19.75	20	101
Female	157.66	148	94	Female	20.38	20	98
Total	158.79	149	94	Total	40.13	40	100
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	8.89	9	101	Male	14.40	18	125
				Female	8.15	11	135
				Total	22.55	29	129
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	61.73	58	94	Female	18.47	17	92
Female	70.73	74	105				
Total	132.46	132	100				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	8.45	13	154	Male	10.24	12	117
Female	3.45	2	NC*	Female	12.89	6	47
Total	11.90	15	126	Total	23.12	18	78
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	3.82	2	NC*	Male	147.45	137	93
Female	3.26	2	NC*				
Total	7.08	4	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	13.91	14	101	Male	10.44	8	77
Female	9.98	8	80	Female	7.77	8	103
Total	23.89	22	92	Total	18.21	16	88
<u>Larynx</u>				<u>Testis</u>			
Male	7.77	8	103	Male	5.96	7	117
Female	2.16	3	NC*				
Total	9.93	11	111				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	11.76	6	51	Male	3.15	4	NC*
Female	10.51	9	86	Female	9.10	7	77
Total	22.27	15	67	Total	12.25	11	90
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	5.40	3	NC*	Female	29.95	28	93
Female	2.78	2	NC*				
Total	8.18	5	61				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	76.46	80	105	Male	488.91	473	97
Female	68.36	71	104	Female	520.98	499	96
Total	144.82	151	104	Total	1009.89	972	96

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Florida

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.50	0	NC*	Male	0.36	1	NC*
Female	0.18	0	NC*	Female	0.26	0	NC*
Total	0.68	0	NC*	Total	0.62	1	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.16	0	NC*	Male	0.10	0	NC*
Female	0.12	0	NC*	Female	0.08	0	NC*
Total	0.29	0	NC*	Total	0.19	0	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.02	0	NC*	Male	0.43	1	NC*
Female	3.11	1	NC*	Female	0.36	0	NC*
Total	3.13	1	NC*	Total	0.78	1	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.17	0	NC*	Male	0.35	0	NC*
				Female	0.15	0	NC*
				Total	0.50	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	1.26	2	NC*	Female	0.36	1	NC*
Female	1.15	0	NC*				
Total	2.40	2	NC*				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.19	1	NC*	Male	0.22	0	NC*
Female	0.06	0	NC*	Female	0.21	0	NC*
Total	0.25	1	NC*	Total	0.43	0	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.08	0	NC*	Male	3.31	5	151
Female	0.06	1	NC*				
Total	0.14	1	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.32	0	NC*	Male	0.22	0	NC*
Female	0.18	0	NC*	Female	0.12	0	NC*
Total	0.50	0	NC*	Total	0.34	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.19	0	NC*	Male	0.12	0	NC*
Female	0.04	0	NC*				
Total	0.23	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.24	0	NC*	Male	0.08	0	NC*
Female	0.19	0	NC*	Female	0.18	0	NC*
Total	0.43	0	NC*	Total	0.25	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.12	0	NC*				

Female	0.05	0	NC*
Total	0.17	0	NC*

Female	0.60	0	NC*
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Lung and Bronchus

Male	1.64	1	NC*
Female	1.25	0	NC*
Total	2.90	1	NC*

All Sites / Types

Male	10.61	11	104
Female	9.57	4	NC*
Total	20.18	15	74

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Foxborough

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	9.50	6	63	Male	6.82	13	191 #+
Female	3.36	7	208	Female	5.11	10	196
Total	12.86	13	101	Total	11.93	23	193 ~+
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	3.14	4	NC*	Male	1.92	4	NC*
Female	2.41	0	NC*	Female	1.58	2	NC*
Total	5.54	4	NC*	Total	3.50	6	171
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.47	0	NC*	Male	8.13	9	111
Female	60.37	75	124	Female	6.79	9	133
Total	60.83	75	123	Total	14.92	18	121
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	3.62	2	NC*	Male	6.52	10	153
				Female	2.90	5	173
				Total	9.42	15	159
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	23.87	27	113	Female	7.08	8	113
Female	21.02	28	133				
Total	44.88	55	123	<u>Pancreas</u>			
<u>Esophagus</u>				Male	4.12	4	NC*
Male	3.64	6	165	Female	3.90	5	128
Female	1.02	0	NC*	Total	8.02	9	112
Total	4.66	6	129	<u>Prostate</u>			
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				Male	62.24	65	104
Male	1.60	2	NC*				
Female	1.23	2	NC*	<u>Stomach</u>			
Total	2.83	4	NC*	Male	4.08	0	NC*
<u>Kidney and Renal Pelvis</u>				Female	2.28	3	NC*
Male	6.01	6	100				
Female	3.51	6	171				

Total	9.51	12	126
<u>Larynx</u>			
Male	3.48	3	NC*
Female	0.83	0	NC*
Total	4.31	3	NC*

<u>Leukemia</u>			
Male	4.69	7	149
Female	3.51	10	285 ~+
Total	8.20	17	207 ~+

<u>Liver and Intrahepatic Bile Ducts</u>			
Male	2.34	0	NC*
Female	0.87	2	NC*
Total	3.21	2	NC*

<u>Lung and Bronchus</u>			
Male	31.23	25	80
Female	23.73	35	147 #+
Total	54.96	60	109

Total	6.35	3	NC*
<u>Testis</u>			
Male	2.46	2	NC*

<u>Thyroid</u>			
Male	1.44	2	NC*
Female	3.75	4	NC*
Total	5.18	6	116

<u>Uteri, Corpus and Uterus, NOS</u>			
Female	11.63	13	112

<u>All Sites / Types</u>			
Male	200.98	212	105
Female	183.18	244	133 ^+
Total	384.16	456	119 ^+

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Framingham

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	38.88	36	93	Male	27.08	42	155 ~+
Female	16.15	11	68	Female	22.35	23	103
Total	55.03	47	85	Total	49.43	65	132 #+
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	12.29	13	106	Male	7.64	9	118
Female	10.40	11	106	Female	7.21	5	69
Total	22.70	24	106	Total	14.85	14	94
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	1.85	6	324 #+	Male	32.64	31	95
Female	259.75	309	119 ~+	Female	31.05	34	109
Total	261.61	315	120 ~+	Total	63.69	65	102
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	15.58	16	103	Male	24.98	27	108
				Female	12.84	9	70
				Total	37.82	36	95
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	97.20	92	95	Female	30.51	26	85
Female	101.29	102	101				
Total	198.48	194	98				

<u>Esophagus</u>				<u>Pancreas</u>			
Male	14.18	13	92	Male	16.48	10	61
Female	4.93	3	NC*	Female	18.63	19	102
Total	19.10	16	84	Total	35.12	29	83
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	6.63	4	NC*	Male	245.02	254	104
Female	5.45	2	NC*				
Total	12.07	6	50				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	23.43	30	128	Male	16.47	14	85
Female	15.58	12	77	Female	11.09	12	108
Total	39.01	42	108	Total	27.57	26	94
<u>Larynx</u>				<u>Testis</u>			
Male	13.37	10	75	Male	10.70	12	112
Female	3.53	2	NC*				
Total	16.91	12	71				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	18.73	23	123	Male	5.70	4	NC*
Female	15.75	20	127	Female	16.12	26	161 #+
Total	34.48	43	125	Total	21.83	30	137
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	9.11	14	154	Female	49.44	46	93
Female	4.07	8	197				
Total	13.18	22	167 #+				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	124.70	98	79 #-	Male	801.28	801	100
Female	106.00	113	107	Female	817.22	877	107 #+
Total	230.70	211	91	Total	1618.50	1678	104

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Franklin

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	11.46	13	113	Male	9.32	12	129
Female	4.46	3	NC*	Female	7.60	17	224 ~+
Total	15.92	16	101	Total	16.92	29	171 ~+
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	4.64	3	NC*	Male	2.41	3	NC*
Female	3.70	5	135	Female	2.13	2	NC*
Total	8.34	8	96	Total	4.54	5	110
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			

Male	0.59	0	NC*
Female	86.11	78	91
Total	86.70	78	90

Cervix Uteri

Female	5.60	6	107
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Colon / Rectum

Male	29.19	40	137
Female	27.85	26	93
Total	57.04	66	116

Esophagus

Male	4.71	5	106
Female	1.34	3	NC*
Total	6.05	8	132

Hodgkin's Disease (Hodgkin Lymphoma)

Male	2.60	1	NC*
Female	2.04	3	NC*
Total	4.64	4	NC*

Kidney and Renal Pelvis

Male	8.00	6	75
Female	4.89	2	NC*
Total	12.88	8	62

Larynx

Male	4.58	2	NC*
Female	1.14	2	NC*
Total	5.72	4	NC*

Leukemia

Male	6.46	2	NC*
Female	5.24	7	134
Total	11.70	9	77

Liver and Intrahepatic Bile Ducts

Male	3.10	2	NC*
Female	1.18	3	NC*
Total	4.27	5	117

Lung and Bronchus

Male	38.99	31	80
Female	32.06	31	97
Total	71.05	62	87

Male	11.09	7	63
Female	9.49	15	158
Total	20.58	22	107

Oral Cavity and Pharynx

Male	8.87	4	NC*
Female	4.06	3	NC*
Total	12.94	7	54

Ovary

Female	10.28	13	126
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Pancreas

Male	5.16	6	116
Female	5.15	5	97
Total	10.31	11	107

Prostate

Male	78.09	76	97
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Stomach

Male	5.06	2	NC*
Female	3.05	4	NC*
Total	8.12	6	74

Testis

Male	4.20	6	143
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Thyroid

Male	2.18	2	NC*
Female	5.98	6	100
Total	8.16	8	98

Uteri, Corpus and Uterus, NOS

Female	16.32	13	80
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All Sites / Types

Male	258.13	238	92
Female	257.34	258	100
Total	515.47	496	96

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indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

Freetown

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	5.04	3	NC*	Male	3.90	3	NC*
Female	1.79	2	NC*	Female	2.87	2	NC*
Total	6.83	5	73	Total	6.77	5	74
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	1.80	2	NC*	Male	1.06	1	NC*
Female	1.34	1	NC*	Female	0.87	0	NC*
Total	3.14	3	NC*	Total	1.93	1	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.26	0	NC*	Male	4.57	4	NC*
Female	34.70	38	110	Female	3.69	2	NC*
Total	34.96	38	109	Total	8.26	6	73
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	2.04	2	NC*	Male	3.84	1	NC*
				Female	1.63	2	NC*
				Total	5.47	3	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	12.75	11	86	Female	4.04	3	NC*
Female	11.12	4	NC*				
Total	23.87	15	63				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	2.07	1	NC*	Male	2.27	1	NC*
Female	0.54	0	NC*	Female	2.07	4	NC*
Total	2.61	1	NC*	Total	4.33	5	115
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.91	0	NC*	Male	34.06	22	65 #-
Female	0.65	3	NC*				
Total	1.56	3	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	3.43	1	NC*	Male	2.23	0	NC*
Female	1.96	1	NC*	Female	1.20	1	NC*
Total	5.39	2	NC*	Total	3.43	1	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	2.00	2	NC*	Male	1.38	2	NC*
Female	0.48	0	NC*				
Total	2.48	2	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	2.59	2	NC*	Male	0.85	1	NC*
Female	1.93	2	NC*	Female	2.09	2	NC*
Total	4.52	4	NC*	Total	2.94	3	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	1.33	0	NC*	Female	6.76	5	74
Female	0.47	0	NC*				
Total	1.80	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	16.93	13	77	Male	110.51	71	64 ^-
Female	13.16	7	53	Female	102.22	83	81
Total	30.09	20	66	Total	212.73	154	72 ^-

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels