

# Freetown

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 6          | 8.7        | 69.1       | (25.2-150.4)  | Male                                       | 5          | 6.2        | 80.2       | (25.8-187.1)  |
| Female  | 4          | 2.8        | nc         | (nc-nc)       | Female                                     | 3          | 4.7        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 1          | 1.9        | nc         | (nc-nc)       | Male                                       | 4          | 1.7        | nc         | (nc-nc)       |
| Female  | 3          | 1.4        | nc         | (nc-nc)       | Female                                     | 0          | 1.2        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 6          | 5.4        | 110.8      | (40.5-241.3)  |
| Female  | 39         | 35.9       | 108.8      | (77.3-148.7)  | Female                                     | 8          | 3.9        | 203.3      | (87.5-400.5)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 1.4        | nc         | (nc-nc)       | Male                                       | 4          | 4.5        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 8          | 10.5       | 76.1       | (32.8-150)    | Female                                     | 2          | 3.1        | nc         | (nc-nc)       |
| Female  | 9          | 8.9        | 100.7      | (46-191.2)    | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       |            |            |            |               |
| Male  | 3          | 2.6        | nc         | (nc-nc)       | Female                                     | 2          | 3          | nc         | (nc-nc)       |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       |            |            |            |               |
| Male  | 1          | 0.8        | nc         | (nc-nc)       | Female                                     | 48         | 38.1       | 126        | (92.9-167.1)  |
| Female  | 2          | 0.6        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Male                                       |            |            |            |               |
| Male  | 7          | 5.4        | 129.8      | (52-267.4)    | Female                                     | 1          | 2.2        | nc         | (nc-nc)       |
| Female  | 2          | 2.7        | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | Male                                       |            |            |            |               |
| Male  | 1          | 1.5        | nc         | (nc-nc)       | Female                                     | 0          | 1.3        | nc         | (nc-nc)       |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Leukemia</u></b>                          |            |            |            |               | Male                                       |            |            |            |               |
| Male  | 3          | 3.5        | nc         | (nc-nc)       | Female                                     | 4          | 2.5        | nc         | (nc-nc)       |
| Female  | 1          | 2.3        | nc         | (nc-nc)       | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Female                                     |            |            |            |               |
| Male  | 2          | 3.2        | nc         | (nc-nc)       | Male                                       | 9          | 8.3        | 107.8      | (49.2-204.7)  |
| Female  | 0          | 0.9        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               | Male                                       |            |            |            |               |
| Male  | 24         | 16.5       | 145.1      | (93-216)      | Female                                     | 141        | 129        | 109.3      | (92-128.9)    |
| Female  | 17         | 15.1       | 112.6      | (65.6-180.3)  | Female                                     | 121        | 115.2      | 105        | (87.1-125.5)  |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Gardner

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 19         | 24         | 79.3       | (47.7-123.8)  | Male                                       | 10         | 15.6       | 64.2       | (30.7-118)    |
| Female  | 12         | 8.7        | 138.4      | (71.4-241.7)  | Female                                     | 7          | 11.6       | 60.6       | (24.3-124.8)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 7          | 4.6        | 151.1      | (60.5-311.3)  | Male                                       | 6          | 4.3        | 140        | (51.1-304.8)  |
| Female  | 3          | 3.6        | nc         | (nc-nc)       | Female                                     | 1          | 3.4        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 2          | 0.8        | nc         | (nc-nc)       | Male                                       | 13         | 13.8       | 94.1       | (50.1-161)    |
| Female  | 68         | 84         | 81         | (62.9-102.6)  | Female                                     | 13         | 11         | 118.6      | (63.1-202.9)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 2.9        | nc         | (nc-nc)       | Male                                       | 15         | 10.2       | 147.6      | (82.6-243.5)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 28         | 27.2       | 102.9      | (68.4-148.8)  | Female                                     | 8          | 7.8        | 102.9      | (44.3-202.7)  |
| Female  | 26         | 27.5       | 94.7       | (61.8-138.7)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 6          | 7.8        | 76.7       | (28-167)      |
| Male  | 10         | 6.3        | 158.8      | (76-292)      | Female                                     | 10         | 8.5        | 118.1      | (56.6-217.2)  |
| Female  | 2          | 1.7        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 84         | 85.8       | 98         | (78.1-121.3)  |
| Male  | 1          | 2          | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 1.5        | nc         | (nc-nc)       | Male                                       | 5          | 5.7        | 88.1       | (28.4-205.6)  |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 4          | 3.4        | nc         | (nc-nc)       |
| Male  | 14         | 12.6       | 111        | (60.6-186.3)  | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 8          | 6.9        | 116        | (50-228.7)    | Male                                       | 5          | 3.4        | 147.6      | (47.6-344.4)  |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 1          | 3.4        | nc         | (nc-nc)       | Male                                       | 3          | 5.7        | nc         | (nc-nc)       |
| Female  | 0          | 1          | nc         | (nc-nc)       | Female                                     | 12         | 15.2       | 78.7       | (40.6-137.6)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 5          | 9.3        | 53.5       | (17.3-125)    | Female                                     | 22         | 18.9       | 116.4      | (72.9-176.3)  |
| Female  | 9          | 6.7        | 134.5      | (61.4-255.3)  | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 306        | 317.5      | 96.4       | (85.9-107.8)  |
| Male  | 8          | 7.3        | 109.2      | (47-215.1)    | Female                                     | 277        | 298.7      | 92.7       | (82.1-104.3)  |
| Female  | 2          | 2.5        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 49         | 42.9       | 114.2      | (84.4-150.9)  |  |            |            |            |               |
| Female  | 39         | 42.9       | 90.9       | (64.6-124.3)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Georgetown

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 4          | 7.5        | nc         | (nc-nc)       | Male                                       | 4          | 5.3        | nc         | (nc-nc)       |
| Female  | 3          | 2.5        | nc         | (nc-nc)       | Female                                     | 6          | 4.2        | 143.8      | (52.5-312.9)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 1          | 1.7        | nc         | (nc-nc)       | Male                                       | 0          | 1.4        | nc         | (nc-nc)       |
| Female  | 2          | 1.3        | nc         | (nc-nc)       | Female                                     | 4          | 1          | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 5          | 4.7        | 107.2      | (34.5-250.2)  |
| Female  | 39         | 31.8       | 122.5      | (87.1-167.4)  | Female                                     | 6          | 3.5        | 171.2      | (62.5-372.6)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 1.2        | nc         | (nc-nc)       | Male                                       | 1          | 3.8        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 11         | 9.1        | 121.2      | (60.4-216.9)  | Female                                     | 1          | 2.8        | nc         | (nc-nc)       |
| Female  | 8          | 8          | 99.7       | (42.9-196.4)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       |            |            |            |               |
| Male  | 2          | 2.2        | nc         | (nc-nc)       | Male                                       | 2          | 2.6        | nc         | (nc-nc)       |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | Female                                     | 0          | 2.4        | nc         | (nc-nc)       |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 0          | 0.7        | nc         | (nc-nc)       | Male                                       | 37         | 31.8       | 116.5      | (82-160.6)    |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Male                                       |            |            |            |               |
| Male  | 7          | 4.6        | 151.1      | (60.6-311.4)  | Male                                       | 2          | 1.9        | nc         | (nc-nc)       |
| Female  | 2          | 2.4        | nc         | (nc-nc)       | Female                                     | 2          | 1          | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 0          | 1.2        | nc         | (nc-nc)       | Male                                       | 2          | 1.1        | nc         | (nc-nc)       |
| Female  | 1          | 0.4        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Leukemia</u></b>                          |            |            |            |               | Male                                       |            |            |            |               |
| Male  | 4          | 3.1        | nc         | (nc-nc)       | Male                                       | 2          | 2.2        | nc         | (nc-nc)       |
| Female  | 3          | 2.1        | nc         | (nc-nc)       | Female                                     | 5          | 6.5        | 76.9       | (24.8-179.5)  |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 1          | 2.7        | nc         | (nc-nc)       | Female                                     | 8          | 7.2        | 110.7      | (47.7-218.2)  |
| Female  | 0          | 0.8        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               | Male                                       |            |            |            |               |
| Male  | 5          | 14.2       | 35.3       | (11.4-82.4)   | Male                                       | 101        | 109.9      | 91.9       | (74.9-111.7)  |
| Female  | 24         | 13.4       | 178.7      | (114.4-265.9) | Female                                     | 127        | 102.4      | 124        | (103.3-147.5) |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Gill

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 3          | 1.8        | nc         | (nc-nc)       | Male                                       | 0          | 1.2        | nc         | (nc-nc)       |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | Female                                     | 1          | 0.9        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 2          | 0.3        | nc         | (nc-nc)       | Male                                       | 0          | 0.3        | nc         | (nc-nc)       |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | Female                                     | 0          | 0.2        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 1          | nc         | (nc-nc)       |
| Female  | 6          | 6.7        | 89         | (32.5-193.8)  | Female                                     | 0          | 0.8        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 1          | 0.8        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 1          | 2.1        | nc         | (nc-nc)       | Female                                     | 1          | 0.6        | nc         | (nc-nc)       |
| Female  | 4          | 1.9        | nc         | (nc-nc)       | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 0          | 0.5        | nc         | (nc-nc)       | Male                                       | 12         | 7.2        | 167.5      | (86.5-292.7)  |
| Female  | 1          | 0.1        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 1          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 0.2        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 1          | 1          | nc         | (nc-nc)       | Female                                     | 1          | 1.6        | nc         | (nc-nc)       |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Leukemia</u></b>                     |            |            |            |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 2          | 0.7        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Female                                     | 0          | 0.4        | nc         | (nc-nc)       |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Lung and Bronchus</u></b>            |            |            |            |               |
| Male  | 0          | 0.6        | nc         | (nc-nc)       | Male                                       | 5          | 3.2        | 154.1      | (49.7-359.6)  |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | Female                                     | 8          | 3          | 268.9      | (115.8-529.8) |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Gloucester

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 40         | 37.5       | 106.6      | (76.2-145.2)  | Male                                       | 37         | 24.4       | 151.7      | (106.8-209.2) |
| Female  | 17         | 14.1       | 120.9      | (70.4-193.7)  | Female                                     | 29         | 19.2       | 151        | (101.1-216.9) |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 7          | 6.9        | 100.7      | (40.4-207.6)  | Male                                       | 5          | 6.8        | 73.1       | (23.6-170.6)  |
| Female  | 3          | 5.8        | nc         | (nc-nc)       | Female                                     | 4          | 5.7        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 1          | 1.2        | nc         | (nc-nc)       | Male                                       | 30         | 21.3       | 141.1      | (95.2-201.5)  |
| Female  | 140        | 145.7      | 96.1       | (80.9-113.4)  | Female                                     | 17         | 18.1       | 94.1       | (54.8-150.6)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 4          | 4.9        | nc         | (nc-nc)       | Male                                       | 24         | 16.5       | 145.3      | (93.1-216.3)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 50         | 42.5       | 117.7      | (87.4-155.2)  | Female                                     | 12         | 13.3       | 90.2       | (46.6-157.6)  |
| Female  | 32         | 44         | 72.8       | (49.8-102.7)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 12         | 10.3       | 116.2      | (60-202.9)    | Male                                       | 13         | 12.4       | 104.7      | (55.7-179)    |
| Female  | 3          | 2.9        | nc         | (nc-nc)       | Female                                     | 16         | 13.6       | 118        | (67.4-191.6)  |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Stomach</u></b>                      |            |            |            |               |
| Male  | 5          | 2.7        | 184.1      | (59.3-429.7)  | Male                                       | 9          | 8.9        | 100.8      | (46-191.3)    |
| Female  | 5          | 2.2        | 225.6      | (72.7-526.4)  | Female                                     | 6          | 5.4        | 111.3      | (40.6-242.2)  |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 19         | 20.2       | 94.1       | (56.6-146.9)  | Male                                       | 6          | 4.1        | 145.3      | (53-316.2)    |
| Female  | 16         | 11.7       | 136.2      | (77.8-221.2)  | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 7          | 5.7        | 123.4      | (49.4-254.3)  | Female                                     | 29         | 33.9       | 85.5       | (57.2-122.7)  |
| Female  | 2          | 1.8        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 21         | 14.2       | 147.9      | (91.5-226.1)  | Male                                       | 586        | 509.5      | 115        | (105.9-124.7) |
| Female  | 7          | 10.6       | 65.8       | (26.4-135.6)  | Female                                     | 523        | 501.9      | 104.2      | (95.5-113.5)  |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Lung and Bronchus</u></b>            |            |            |            |               |
| Male  | 10         | 12         | 83.1       | (39.8-152.8)  | Male                                       | 84         | 69.2       | 121.4      | (96.8-150.3)  |
| Female  | 6          | 4.1        | 146        | (53.3-317.8)  | Female                                     | 92         | 72.4       | 127        | (102.4-155.7) |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Goshen

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u>   | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|--------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |              |               |
| Male  | 1          | 1.2        | nc         | (nc-nc)       | Male                                       | 2          | 0.8        | nc           | (nc-nc)       |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | Female                                     | 0          | 0.6        | nc           | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |              |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 0          | 0.2        | nc           | (nc-nc)       |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | Female                                     | 0          | 0.2        | nc           | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |              |               |
| Male  | 0          | 0          | nc         | (nc-nc)       | Male                                       | 3          | 0.7        | nc           | (nc-nc)       |
| Female  | 3          | 4.7        | nc         | (nc-nc)       | Female                                     | 0          | 0.5        | nc           | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |              |               |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 0          | 0.6        | nc           | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |              |               |
| Male  | 0          | 1.4        | nc         | (nc-nc)       | Female                                     | 0          | 0.4        | nc           | (nc-nc)       |
| Female  | 0          | 1.2        | nc         | (nc-nc)       | <b><u>Pancreas</u></b>                     |            |            |              |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |              |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 0          | 5          | nc           | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |              |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |            |              |               |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 0.1        | nc           | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |              |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |              |               |
| Male  | 1          | 0.7        | nc         | (nc-nc)       | Female                                     | 2          | 1.1        | nc           | (nc-nc)       |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |              |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Male</u></b>                         |            |            |              |               |
| Male  | 1          | 0.2        | nc         | (nc-nc)       | 8  | 17         | 47.2       | (20.3-93)    |               |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | <b><u>Female</u></b>                       |            |            |              |               |
| <b><u>Leukemia</u></b>                          |            |            |            |               | 8  |            |            |              |               |
| Male  | 0          | 0.5        | nc         | (nc-nc)       | 8  | 15.1       | 53.1       | (22.9-104.6) |               |
| Female  | 0          | 0.3        | nc         | (nc-nc)       |  |            |            |              |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               |  |            |            |              |               |
| Male  | 0          | 0.4        | nc         | (nc-nc)       |  |            |            |              |               |
| Female  | 0          | 0.1        | nc         | (nc-nc)       |  |            |            |              |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |              |               |
| Male  | 0          | 2.2        | nc         | (nc-nc)       |  |            |            |              |               |
| Female  | 0          | 2          | nc         | (nc-nc)       |  |            |            |              |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Gosnold

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 1          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 0.1        | nc         | (nc-nc)       |
| Female  | 0          | 0          | nc         | (nc-nc)       | Female                                     | 0          | 0          | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 0          | 0          | nc         | (nc-nc)       | Male                                       | 0          | 0          | nc         | (nc-nc)       |
| Female  | 0          | 0          | nc         | (nc-nc)       | Female                                     | 0          | 0          | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0          | nc         | (nc-nc)       | Male                                       | 0          | 0.1        | nc         | (nc-nc)       |
| Female  | 1          | 0.4        | nc         | (nc-nc)       | Female                                     | 0          | 0          | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 0          | nc         | (nc-nc)       | Male                                       | 0          | 0.1        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Female                                     | 0          | 0          | nc         | (nc-nc)       |
| Female  | 1          | 0.1        | nc         | (nc-nc)       | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 0          | 0          | nc         | (nc-nc)       | Male                                       | 0          | 0.6        | nc         | (nc-nc)       |
| Female  | 0          | 0          | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 0          | 0          | nc         | (nc-nc)       | Male                                       | 0          | 0          | nc         | (nc-nc)       |
| Female  | 0          | 0          | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | Female                                     | 0          | 0.1        | nc         | (nc-nc)       |
| Female  | 0          | 0          | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 0          | 0          | nc         | (nc-nc)       | Male                                       | 1          | 2          | nc         | (nc-nc)       |
| Female  | 0          | 0          | nc         | (nc-nc)       | Female                                     | 2          | 1.2        | nc         | (nc-nc)       |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| Female  | 0          | 0          | nc         | (nc-nc)       | Male                                       | 1          | 2          | nc         | (nc-nc)       |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| Male  | 0          | 0          | nc         | (nc-nc)       | Female                                     | 2          | 1.2        | nc         | (nc-nc)       |
| Female  | 0          | 0          | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 1          | 2          | nc         | (nc-nc)       |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | Female                                     | 2          | 1.2        | nc         | (nc-nc)       |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Grafton

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 16         | 15.6       | 102.9      | (58.8-167.1)  | Male                                       | 7          | 10.9       | 64.4       | (25.8-132.7)  |
| Female  | 4          | 5.5        | nc         | (nc-nc)       | Female                                     | 12         | 9.1        | 132.6      | (68.4-231.6)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 7          | 3.4        | 203.8      | (81.6-419.8)  | Male                                       | 5          | 2.9        | 171.6      | (55.3-400.4)  |
| Female  | 4          | 2.8        | nc         | (nc-nc)       | Female                                     | 1          | 2.3        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.5        | nc         | (nc-nc)       | Male                                       | 4          | 9.5        | nc         | (nc-nc)       |
| Female  | 76         | 65.9       | 115.3      | (90.8-144.3)  | Female                                     | 10         | 7.6        | 131.1      | (62.8-241.2)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 2          | 2.6        | nc         | (nc-nc)       | Male                                       | 11         | 7.5        | 147.1      | (73.3-263.2)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 12         | 18.5       | 64.9       | (33.5-113.4)  | Female                                     | 8          | 5.9        | 136.6      | (58.8-269.2)  |
| Female  | 23         | 17.8       | 129.2      | (81.9-193.9)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 6          | 5.2        | 114.7      | (41.9-249.7)  |
| Male  | 9          | 4.4        | 205.7      | (93.9-390.6)  | Female                                     | 3          | 5.3        | nc         | (nc-nc)       |
| Female  | 0          | 1.1        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 66         | 61.6       | 107.2      | (82.9-136.4)  |
| Male  | 0          | 1.5        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 1.2        | nc         | (nc-nc)       | Male                                       | 3          | 3.8        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 1          | 2.1        | nc         | (nc-nc)       |
| Male  | 8          | 9.2        | 87.4       | (37.6-172.3)  | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 7          | 5.1        | 137.4      | (55.1-283.2)  | Male                                       | 4          | 2.6        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 1          | 2.4        | nc         | (nc-nc)       | Male                                       | 5          | 4.3        | 115.7      | (37.3-270)    |
| Female  | 0          | 0.7        | nc         | (nc-nc)       | Female                                     | 8          | 13.9       | 57.7       | (24.8-113.6)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 11         | 6.4        | 171.8      | (85.7-307.5)  | Female                                     | 16         | 14.9       | 107.4      | (61.3-174.4)  |
| Female  | 6          | 4.7        | 128        | (46.7-278.6)  | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 219        | 220.6      | 99.3       | (86.5-113.3)  |
| Male  | 3          | 5.3        | nc         | (nc-nc)       | Female                                     | 238        | 219.1      | 108.6      | (95.3-123.3)  |
| Female  | 0          | 1.7        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 32         | 28.8       | 111.2      | (76.1-157)    |  |            |            |            |               |
| Female  | 35         | 29.2       | 119.8      | (83.4-166.6)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Granby

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>   |            |            |            |               |
| Male  | 3          | 6.8        | nc         | (nc-nc)       | Male   | 0          | 4.7        | nc         | (nc-nc)       |
| Female  | 5          | 2.2        | 223.1      | (71.9-520.7)  | Female   | 0          | 3.5        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>   |            |            |            |               |
| Male  | 3          | 1.4        | nc         | (nc-nc)       | Male   | 0          | 1.3        | nc         | (nc-nc)       |
| Female  | 0          | 1.1        | nc         | (nc-nc)       | Female   | 0          | 0.9        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>   |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male   | 5          | 4.1        | 123.3      | (39.7-287.7)  |
| Female  | 22         | 26.5       | 83         | (52-125.6)    | Female   | 1          | 3.1        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>  |            |            |            |               |
| Female  | 0          | 1          | nc         | (nc-nc)       | Male   | 1          | 3.2        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>  |            |            |            |               |
| Male  | 5          | 8          | 62.8       | (20.2-146.5)  | Female   | 4          | 2.4        | nc         | (nc-nc)       |
| Female  | 6          | 7.1        | 84.7       | (30.9-184.4)  | <b><u>Pancreas</u></b>   |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>   |            |            |            |               |
| Male  | 3          | 1.9        | nc         | (nc-nc)       | Male   | 23         | 27.7       | 83         | (52.6-124.5)  |
| Female  | 1          | 0.5        | nc         | (nc-nc)       | <b><u>Stomach</u></b>  |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>   |            |            |            |               |
| Male  | 1          | 0.6        | nc         | (nc-nc)       | Male   | 2          | 0.9        | nc         | (nc-nc)       |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>  |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b>   |            |            |            |               |
| Male  | 3          | 3.9        | nc         | (nc-nc)       | Female   | 10         | 6.2        | 162.3      | (77.7-298.4)  |
| Female  | 4          | 2.1        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>  |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Leukemia</u></b>   |            |            |            |               |
| Male  | 3          | 1.1        | nc         | (nc-nc)       | Male   | 1          | 2.7        | nc         | (nc-nc)       |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | Female   | 0          | 1.8        | nc         | (nc-nc)       |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Lung and Bronchus</u></b>  |            |            |            |               |
| Male  | 2          | 2.3        | nc         | (nc-nc)       | Male   | 11         | 12.8       | 86.1       | (42.9-154.1)  |
| Female  | 1          | 0.7        | nc         | (nc-nc)       | Female   | 9          | 12         | 74.9       | (34.2-142.1)  |
|   |            |            |            |               | <div style="display: flex; justify-content: space-between;"> <span>Male</span> <span>77</span> <span>96.3</span> <span>80</span> <span>(63.1-99.9)</span> </div> <div style="display: flex; justify-content: space-between;"> <span>Female</span> <span>75</span> <span>87.6</span> <span>85.6</span> <span>(67.3-107.3)</span> </div> |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Granville

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 1          | 1.7        | nc         | (nc-nc)       | Male                                       | 0          | 1.2        | nc         | (nc-nc)       |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | Female                                     | 1          | 0.9        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 0          | 0.4        | nc         | (nc-nc)       | Male                                       | 1          | 0.3        | nc         | (nc-nc)       |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | Female                                     | 0          | 0.2        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 3          | 1.1        | nc         | (nc-nc)       |
| Female  | 11         | 6.7        | 165.2      | (82.4-295.7)  | Female                                     | 1          | 0.7        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 3          | 0.9        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 4          | 2.1        | nc         | (nc-nc)       | Female                                     | 0          | 0.6        | nc         | (nc-nc)       |
| Female  | 4          | 1.7        | nc         | (nc-nc)       | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 0          | 0.6        | nc         | (nc-nc)       |
| Male  | 0          | 0.5        | nc         | (nc-nc)       | Female                                     | 0          | 0.5        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 9          | 7.2        | 125.1      | (57.1-237.5)  |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 0.4        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 0          | 0.2        | nc         | (nc-nc)       |
| Male  | 1          | 1          | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 1          | 0.5        | nc         | (nc-nc)       | Male                                       | 0          | 0.2        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 1          | 0.5        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Female                                     | 4          | 1.3        | nc         | (nc-nc)       |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 1          | 0.7        | nc         | (nc-nc)       | Female                                     | 3          | 1.5        | nc         | (nc-nc)       |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 26         | 24.9       | 104.4      | (68.2-153)    |
| Male  | 0          | 0.6        | nc         | (nc-nc)       | Female                                     | 29         | 21.5       | 135.1      | (90.5-194.1)  |
| Female  | 0          | 0.2        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 1          | 3.3        | nc         | (nc-nc)       |  |            |            |            |               |
| Female  | 3          | 2.9        | nc         | (nc-nc)       |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Great Barrington

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 14         | 10         | 139.8      | (76.4-234.6)  | Male                                       | 14         | 6.1        | 227.9      | (124.5-382.3) |
| Female  | 8          | 3.9        | 205.1      | (88.3-404.1)  | Female                                     | 8          | 4.9        | 162.4      | (69.9-320)    |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 2          | 1.7        | nc         | (nc-nc)       | Male                                       | 2          | 1.7        | nc         | (nc-nc)       |
| Female  | 1          | 1.5        | nc         | (nc-nc)       | Female                                     | 0          | 1.5        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 7          | 5.4        | 128.5      | (51.5-264.7)  |
| Female  | 35         | 36.9       | 94.8       | (66-131.8)    | Female                                     | 4          | 4.9        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 2          | 1.2        | nc         | (nc-nc)       | Male                                       | 3          | 4          | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 11         | 11         | 99.9       | (49.8-178.8)  | Female                                     | 3          | 3.5        | nc         | (nc-nc)       |
| Female  | 11         | 12.3       | 89.5       | (44.6-160.2)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 2          | 3.2        | nc         | (nc-nc)       |
| Male  | 4          | 2.6        | nc         | (nc-nc)       | Female                                     | 1          | 3.8        | nc         | (nc-nc)       |
| Female  | 0          | 0.8        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 36         | 35.2       | 102.3      | (71.7-141.7)  |
| Male  | 0          | 0.7        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | Male                                       | 2          | 2.3        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 1          | 1.5        | nc         | (nc-nc)       |
| Male  | 6          | 4.9        | 122.3      | (44.7-266.2)  | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 2          | 3          | nc         | (nc-nc)       | Male                                       | 2          | 1          | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 0          | 1.4        | nc         | (nc-nc)       | Male                                       | 1          | 2          | nc         | (nc-nc)       |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | Female                                     | 9          | 6          | 149        | (68-282.8)    |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 1          | 3.7        | nc         | (nc-nc)       | Female                                     | 7          | 8.6        | 81.7       | (32.7-168.4)  |
| Female  | 3          | 2.9        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 135        | 128.2      | 105.3      | (88.3-124.7)  |
| Male  | 4          | 3          | nc         | (nc-nc)       | Female                                     | 128        | 131.5      | 97.4       | (81.2-115.8)  |
| Female  | 1          | 1.1        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 16         | 17.8       | 89.7       | (51.2-145.7)  |  |            |            |            |               |
| Female  | 22         | 19.2       | 114.5      | (71.7-173.4)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Greenfield

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 22         | 21.9       | 100.5      | (63-152.2)    | Male                                       | 13         | 13.6       | 95.4       | (50.8-163.2)  |
| Female  | 8          | 8.9        | 89.7       | (38.6-176.7)  | Female                                     | 4          | 11.5       | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 1          | 3.9        | nc         | (nc-nc)       | Male                                       | 3          | 3.8        | nc         | (nc-nc)       |
| Female  | 7          | 3.5        | 200.3      | (80.3-412.8)  | Female                                     | 1          | 3.5        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.7        | nc         | (nc-nc)       | Male                                       | 7          | 12.1       | 57.7       | (23.1-118.8)  |
| Female  | 91         | 83.8       | 108.6      | (87.4-133.3)  | Female                                     | 11         | 11.1       | 99         | (49.3-177.1)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 4          | 2.8        | nc         | (nc-nc)       | Male                                       | 4          | 8.8        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 25         | 24.4       | 102.4      | (66.3-151.2)  | Female                                     | 10         | 7.9        | 127.1      | (60.9-233.8)  |
| Female  | 31         | 28.5       | 108.9      | (73.9-154.5)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 9          | 7.1        | 127.1      | (58-241.2)    |
| Male  | 6          | 5.6        | 107        | (39.1-232.8)  | Female                                     | 5          | 8.7        | 57.2       | (18.4-133.4)  |
| Female  | 0          | 1.8        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 68         | 75.6       | 89.9       | (69.8-114)    |
| Male  | 5          | 1.6        | 309.9      | (99.9-723.2)  | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 1          | 1.4        | nc         | (nc-nc)       | Male                                       | 4          | 5.1        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 5          | 3.6        | 139.9      | (45.1-326.6)  |
| Male  | 9          | 10.8       | 83.1       | (37.9-157.8)  | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 5          | 6.9        | 72.6       | (23.4-169.4)  | Male                                       | 0          | 2.6        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 3          | 3          | nc         | (nc-nc)       | Male                                       | 2          | 4.7        | nc         | (nc-nc)       |
| Female  | 1          | 1          | nc         | (nc-nc)       | Female                                     | 3          | 14.6       | nc         | (nc-nc)       |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 4          | 8.3        | nc         | (nc-nc)       | Female                                     | 18         | 19         | 94.6       | (56.1-149.6)  |
| Female  | 3          | 6.7        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 249        | 281        | 88.6       | (77.9-100.3)  |
| Male  | 4          | 6.5        | nc         | (nc-nc)       | Female                                     | 273        | 300.5      | 90.8       | (80.4-102.3)  |
| Female  | 3          | 2.5        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 40         | 38.4       | 104.1      | (74.3-141.7)  |  |            |            |            |               |
| Female  | 38         | 42.9       | 88.6       | (62.7-121.7)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Groton

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 9          | 8.7        | 103        | (47-195.6)    | Male                                       | 3          | 6.4        | nc         | (nc-nc)       |
| Female  | 1          | 2.9        | nc         | (nc-nc)       | Female                                     | 3          | 5.1        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 0          | 2.1        | nc         | (nc-nc)       | Male                                       | 2          | 1.7        | nc         | (nc-nc)       |
| Female  | 3          | 1.6        | nc         | (nc-nc)       | Female                                     | 4          | 1.2        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 1          | 0.3        | nc         | (nc-nc)       | Male                                       | 4          | 5.6        | nc         | (nc-nc)       |
| Female  | 40         | 38.7       | 103.3      | (73.8-140.6)  | Female                                     | 1          | 4.1        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 1.5        | nc         | (nc-nc)       | Male                                       | 4          | 4.7        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 13         | 10.9       | 118.9      | (63.3-203.4)  | Female                                     | 5          | 3.3        | 150.3      | (48.4-350.7)  |
| Female  | 10         | 9.5        | 104.8      | (50.2-192.7)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 1          | 2.6        | nc         | (nc-nc)       | Male                                       | 4          | 3          | nc         | (nc-nc)       |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | Female                                     | 2          | 2.7        | nc         | (nc-nc)       |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Stomach</u></b>                      |            |            |            |               |
| Male  | 0          | 0.9        | nc         | (nc-nc)       | Male                                       | 0          | 2.2        | nc         | (nc-nc)       |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | Female                                     | 1          | 1.1        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 3          | 5.6        | nc         | (nc-nc)       | Male                                       | 3          | 1.4        | nc         | (nc-nc)       |
| Female  | 1          | 2.8        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 2          | 1.4        | nc         | (nc-nc)       | Female                                     | 10         | 8.6        | 116.3      | (55.7-213.9)  |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 5          | 3.8        | 133.2      | (42.9-310.9)  | Male                                       | 123        | 129.9      | 94.7       | (78.7-113)    |
| Female  | 2          | 2.6        | nc         | (nc-nc)       | Female                                     | 117        | 122.4      | 95.6       | (79-114.6)    |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               |  |            |            |            |               |
| Male  | 3          | 3.3        | nc         | (nc-nc)       |  |            |            |            |               |
| Female  | 1          | 0.9        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 13         | 16.3       | 79.7       | (42.4-136.2)  |  |            |            |            |               |
| Female  | 9          | 15.3       | 59         | (26.9-112)    |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Groveland

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 9          | 6.7        | 134.5      | (61.4-255.4)  | Male                                       | 4          | 4.6        | nc         | (nc-nc)       |
| Female  | 1          | 2.4        | nc         | (nc-nc)       | Female                                     | 8          | 3.6        | 221.6      | (95.4-436.6)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 1          | 1.4        | nc         | (nc-nc)       | Male                                       | 1          | 1.3        | nc         | (nc-nc)       |
| Female  | 1          | 1.1        | nc         | (nc-nc)       | Female                                     | 3          | 1          | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 5          | 4          | 125        | (40.3-291.6)  |
| Female  | 31         | 27.6       | 112.5      | (76.4-159.7)  | Female                                     | 6          | 3.2        | 188.2      | (68.7-409.6)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 1          | nc         | (nc-nc)       | Male                                       | 2          | 3.2        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 3          | 7.8        | nc         | (nc-nc)       | Female                                     | 3          | 2.4        | nc         | (nc-nc)       |
| Female  | 7          | 7.5        | 92.8       | (37.2-191.3)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 4          | 1.9        | nc         | (nc-nc)       | Male                                       | 30         | 26.7       | 112.2      | (75.7-160.2)  |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 0          | 0.6        | nc         | (nc-nc)       | Male                                       | 4          | 0.9        | nc         | (nc-nc)       |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 4          | 3.9        | nc         | (nc-nc)       | Female                                     | 3          | 6.3        | nc         | (nc-nc)       |
| Female  | 1          | 2.1        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Leukemia</u></b>                     |            |            |            |               |
| Male  | 2          | 1          | nc         | (nc-nc)       | Male                                       | 4          | 2.7        | nc         | (nc-nc)       |
| Female  | 1          | 0.3        | nc         | (nc-nc)       | Female                                     | 0          | 1.9        | nc         | (nc-nc)       |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Lung and Bronchus</u></b>            |            |            |            |               |
| Male  | 0          | 2.2        | nc         | (nc-nc)       | Male                                       | 14         | 12.5       | 112.3      | (61.3-188.4)  |
| Female  | 0          | 0.7        | nc         | (nc-nc)       | Female                                     | 16         | 12.6       | 127.3      | (72.7-206.7)  |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hadley

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 4          | 7.5        | nc         | (nc-nc)       | Male                                       | 2          | 4.5        | nc         | (nc-nc)       |
| Female  | 6          | 2.9        | 207.1      | (75.6-450.7)  | Female                                     | 5          | 3.6        | 140.8      | (45.4-328.5)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 2          | 1.2        | nc         | (nc-nc)       | Male                                       | 2          | 1.3        | nc         | (nc-nc)       |
| Female  | 2          | 1.1        | nc         | (nc-nc)       | Female                                     | 0          | 1.1        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 7          | 4          | 175.8      | (70.4-362.1)  |
| Female  | 30         | 26.3       | 114.1      | (76.9-162.9)  | Female                                     | 4          | 3.5        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 0.8        | nc         | (nc-nc)       | Male                                       | 4          | 2.9        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 7          | 8.1        | 86.3       | (34.6-177.8)  | Female                                     | 4          | 2.5        | nc         | (nc-nc)       |
| Female  | 11         | 9.2        | 119.6      | (59.6-214.1)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 3          | 2.4        | nc         | (nc-nc)       |
| Male  | 0          | 1.9        | nc         | (nc-nc)       | Female                                     | 2          | 2.8        | nc         | (nc-nc)       |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 21         | 25.1       | 83.5       | (51.7-127.7)  |
| Male  | 0          | 0.5        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 1          | 0.4        | nc         | (nc-nc)       | Male                                       | 2          | 1.7        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 2          | 1.2        | nc         | (nc-nc)       |
| Male  | 3          | 3.5        | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 2          | 2.2        | nc         | (nc-nc)       | Male                                       | 0          | 0.7        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 0          | 1          | nc         | (nc-nc)       | Male                                       | 0          | 1.4        | nc         | (nc-nc)       |
| Female  | 1          | 0.3        | nc         | (nc-nc)       | Female                                     | 4          | 4.3        | nc         | (nc-nc)       |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 2          | 2.7        | nc         | (nc-nc)       | Female                                     | 5          | 6          | 84         | (27.1-196)    |
| Female  | 2          | 2.1        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 73         | 93.2       | 78.3       | (61.4-98.4)   |
| Male  | 0          | 2.1        | nc         | (nc-nc)       | Female                                     | 99         | 95.1       | 104.1      | (84.6-126.8)  |
| Female  | 0          | 0.8        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 6          | 13.1       | 45.9       | (16.7-99.8)   |  |            |            |            |               |
| Female  | 11         | 13.9       | 79.2       | (39.5-141.7)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Halifax

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 6          | 8.3        | 72         | (26.3-156.8)  | Male                                       | 5          | 5.6        | 89.7       | (28.9-209.3)  |
| Female  | 1          | 3          | nc         | (nc-nc)       | Female                                     | 5          | 4.4        | 112.5      | (36.2-262.4)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 2          | 1.7        | nc         | (nc-nc)       | Male                                       | 3          | 1.5        | nc         | (nc-nc)       |
| Female  | 0          | 1.4        | nc         | (nc-nc)       | Female                                     | 0          | 1.2        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 10         | 4.9        | 205.4      | (98.3-377.8)  |
| Female  | 36         | 33.7       | 106.7      | (74.7-147.8)  | Female                                     | 8          | 4          | 201.4      | (86.7-396.8)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 1.2        | nc         | (nc-nc)       | Male                                       | 5          | 3.8        | 131.2      | (42.3-306.1)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 12         | 9.6        | 125.2      | (64.6-218.8)  | Female                                     | 5          | 3          | 166.2      | (53.6-387.9)  |
| Female  | 11         | 9.3        | 118.9      | (59.2-212.7)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 5          | 2.8        | 179.5      | (57.8-418.8)  |
| Male  | 2          | 2.3        | nc         | (nc-nc)       | Female                                     | 3          | 2.8        | nc         | (nc-nc)       |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 39         | 33.2       | 117.5      | (83.5-160.6)  |
| Male  | 1          | 0.7        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | Male                                       | 1          | 2          | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 1          | 1.1        | nc         | (nc-nc)       |
| Male  | 11         | 4.7        | 235.9      | (117.6-422.2) | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 3          | 2.7        | nc         | (nc-nc)       | Male                                       | 2          | 1.1        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 1          | 1.3        | nc         | (nc-nc)       | Male                                       | 6          | 2.1        | 288.7      | (105.4-628.3) |
| Female  | 1          | 0.4        | nc         | (nc-nc)       | Female                                     | 10         | 6.4        | 156.6      | (75-288)      |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 1          | 3.3        | nc         | (nc-nc)       | Female                                     | 8          | 7.9        | 101.8      | (43.8-200.6)  |
| Female  | 4          | 2.4        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 138        | 115.8      | 119.2      | (100.2-140.9) |
| Male  | 5          | 2.7        | 183        | (59-427.1)    | Female                                     | 124        | 112.8      | 109.9      | (91.4-131)    |
| Female  | 0          | 0.9        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 16         | 15.5       | 103.4      | (59.1-168)    |  |            |            |            |               |
| Female  | 19         | 15.9       | 119.8      | (72.1-187.1)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hamilton

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 10         | 8          | 125.7      | (60.2-231.1)  | Male                                       | 8          | 5.4        | 147.2      | (63.4-290.1)  |
| Female  | 1          | 2.5        | nc         | (nc-nc)       | Female                                     | 5          | 4.1        | 120.8      | (38.9-281.9)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 5          | 1.7        | 295.5      | (95.2-689.6)  | Male                                       | 5          | 1.5        | 337        | (108.6-786.5) |
| Female  | 3          | 1.3        | nc         | (nc-nc)       | Female                                     | 0          | 1.1        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 9          | 4.8        | 188.5      | (86-357.9)    |
| Female  | 32         | 31.1       | 102.9      | (70.4-145.2)  | Female                                     | 5          | 3.5        | 141.8      | (45.7-331)    |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 1.2        | nc         | (nc-nc)       | Male                                       | 5          | 3.7        | 133.6      | (43.1-311.8)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 12         | 9.3        | 128.6      | (66.4-224.7)  | Female                                     | 4          | 2.7        | nc         | (nc-nc)       |
| Female  | 8          | 8.2        | 97.6       | (42-192.4)    | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 0          | 2.7        | nc         | (nc-nc)       |
| Male  | 5          | 2.2        | 224        | (72.2-522.6)  | Female                                     | 2          | 2.4        | nc         | (nc-nc)       |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 28         | 31.5       | 88.9       | (59-128.4)    |
| Male  | 1          | 0.7        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | Male                                       | 2          | 1.9        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 0          | 1          | nc         | (nc-nc)       |
| Male  | 7          | 4.6        | 153.4      | (61.4-316)    | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 4          | 2.4        | nc         | (nc-nc)       | Male                                       | 1          | 1.2        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 0          | 1.2        | nc         | (nc-nc)       | Male                                       | 3          | 2.1        | nc         | (nc-nc)       |
| Female  | 1          | 0.4        | nc         | (nc-nc)       | Female                                     | 7          | 6.3        | 111.5      | (44.7-229.8)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 9          | 3.2        | 280.6      | (128-532.7)   | Female                                     | 8          | 7.1        | 112.9      | (48.6-222.6)  |
| Female  | 0          | 2.2        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 133        | 111.7      | 119.1      | (99.7-141.1)  |
| Male  | 1          | 2.7        | nc         | (nc-nc)       | Female                                     | 104        | 102        | 102        | (83.3-123.6)  |
| Female  | 0          | 0.8        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 12         | 14.7       | 81.4       | (42-142.1)    |  |            |            |            |               |
| Female  | 11         | 13.6       | 80.7       | (40.2-144.4)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hampden

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 6          | 6.6        | 91.5       | (33.4-199.1)  | Male                                       | 4          | 4.3        | nc         | (nc-nc)       |
| Female  | 1          | 2.4        | nc         | (nc-nc)       | Female                                     | 6          | 3.3        | 183.9      | (67.2-400.4)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 1          | 1.2        | nc         | (nc-nc)       | Male                                       | 1          | 1.2        | nc         | (nc-nc)       |
| Female  | 0          | 1          | nc         | (nc-nc)       | Female                                     | 2          | 1          | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 3          | 3.8        | nc         | (nc-nc)       |
| Female  | 26         | 25.1       | 103.5      | (67.6-151.7)  | Female                                     | 2          | 3.1        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 0.9        | nc         | (nc-nc)       | Male                                       | 4          | 3          | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 5          | 7.5        | 66.4       | (21.4-155)    | Female                                     | 2          | 2.3        | nc         | (nc-nc)       |
| Female  | 7          | 7.4        | 94.1       | (37.7-193.9)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 3          | 2.2        | nc         | (nc-nc)       |
| Male  | 0          | 1.9        | nc         | (nc-nc)       | Female                                     | 1          | 2.3        | nc         | (nc-nc)       |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 27         | 26.6       | 101.7      | (67-147.9)    |
| Male  | 0          | 0.5        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | Male                                       | 3          | 1.6        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 3          | 0.9        | nc         | (nc-nc)       |
| Male  | 4          | 3.6        | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 2          | 2          | nc         | (nc-nc)       | Male                                       | 1          | 0.7        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 1          | 1          | nc         | (nc-nc)       | Male                                       | 1          | 1.6        | nc         | (nc-nc)       |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | Female                                     | 6          | 4.4        | 137.1      | (50.1-298.4)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 2          | 2.5        | nc         | (nc-nc)       | Female                                     | 5          | 5.8        | 85.6       | (27.6-199.7)  |
| Female  | 0          | 1.8        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 88         | 90.9       | 96.8       | (77.7-119.3)  |
| Male  | 1          | 2.2        | nc         | (nc-nc)       | Female                                     | 78         | 85.3       | 91.4       | (72.3-114.1)  |
| Female  | 0          | 0.7        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 14         | 12.2       | 114.7      | (62.6-192.4)  |  |            |            |            |               |
| Female  | 10         | 12         | 83.4       | (39.9-153.4)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hancock

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 2          | 1.2        | nc         | (nc-nc)       | Male                                       | 0          | 0.8        | nc         | (nc-nc)       |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | Female                                     | 0          | 0.5        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 0          | 0.2        | nc         | (nc-nc)       |
| Female  | 1          | 0.2        | nc         | (nc-nc)       | Female                                     | 0          | 0.1        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0          | nc         | (nc-nc)       | Male                                       | 1          | 0.7        | nc         | (nc-nc)       |
| Female  | 1          | 4          | nc         | (nc-nc)       | Female                                     | 0          | 0.5        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 0.5        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 2          | 1.3        | nc         | (nc-nc)       | Female                                     | 0          | 0.4        | nc         | (nc-nc)       |
| Female  | 1          | 1.1        | nc         | (nc-nc)       | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 0          | 0.4        | nc         | (nc-nc)       |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Female                                     | 0          | 0.3        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 4          | 4.7        | nc         | (nc-nc)       |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 0.3        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 0          | 0.1        | nc         | (nc-nc)       |
| Male  | 0          | 0.6        | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 1          | 0.1        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 0          | 0.3        | nc         | (nc-nc)       |
| Female  | 0          | 0          | nc         | (nc-nc)       | Female                                     | 0          | 0.7        | nc         | (nc-nc)       |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 0          | 0.5        | nc         | (nc-nc)       | Female                                     | 0          | 0.9        | nc         | (nc-nc)       |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 11         | 16.2       | 68         | (33.9-121.6)  |
| Male  | 0          | 0.4        | nc         | (nc-nc)       | Female                                     | 4          | 13.2       | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 0          | 2.2        | nc         | (nc-nc)       |  |            |            |            |               |
| Female  | 0          | 1.9        | nc         | (nc-nc)       |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hanover

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 10         | 13.2       | 75.5       | (36.2-138.9)  | Male                                       | 14         | 9.3        | 151        | (82.5-253.4)  |
| Female  | 3          | 5          | nc         | (nc-nc)       | Female                                     | 8          | 7.7        | 104.2      | (44.9-205.4)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 5          | 2.9        | 171.9      | (55.4-401.1)  | Male                                       | 2          | 2.5        | nc         | (nc-nc)       |
| Female  | 2          | 2.4        | nc         | (nc-nc)       | Female                                     | 2          | 2.1        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.4        | nc         | (nc-nc)       | Male                                       | 8          | 8.1        | 98.9       | (42.6-194.9)  |
| Female  | 77         | 58.9       | 130.8      | (103.2-163.5) | Female                                     | 8          | 6.8        | 117.4      | (50.6-231.4)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 2          | 2.1        | nc         | (nc-nc)       | Male                                       | 5          | 6.6        | 76.1       | (24.5-177.6)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 16         | 15.8       | 101.4      | (57.9-164.7)  | Female                                     | 7          | 5.2        | 134.4      | (53.8-277)    |
| Female  | 21         | 16         | 131.6      | (81.4-201.2)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 1          | 3.9        | nc         | (nc-nc)       | Male                                       | 65         | 55.8       | 116.4      | (89.9-148.4)  |
| Female  | 2          | 1          | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 0          | 1.2        | nc         | (nc-nc)       | Male                                       | 1          | 1.9        | nc         | (nc-nc)       |
| Female  | 0          | 0.9        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 8          | 8          | 100.5      | (43.3-198)    | Female                                     | 12         | 13.5       | 88.7       | (45.8-154.9)  |
| Female  | 6          | 4.6        | 131.3      | (47.9-285.7)  | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Leukemia</u></b>                     |            |            |            |               |
| Male  | 4          | 2.2        | nc         | (nc-nc)       | Male                                       | 8          | 5.4        | 148        | (63.7-291.6)  |
| Female  | 1          | 0.7        | nc         | (nc-nc)       | Female                                     | 3          | 4.1        | nc         | (nc-nc)       |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Lung and Bronchus</u></b>            |            |            |            |               |
| Male  | 3          | 4.7        | nc         | (nc-nc)       | Male                                       | 18         | 25         | 71.9       | (42.6-113.7)  |
| Female  | 1          | 1.5        | nc         | (nc-nc)       | Female                                     | 28         | 26.9       | 104        | (69.1-150.3)  |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hanson

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 9          | 9          | 99.9       | (45.6-189.6)  | Male                                       | 3          | 6.5        | nc         | (nc-nc)       |
| Female  | 2          | 3          | nc         | (nc-nc)       | Female                                     | 5          | 5.1        | 97.4       | (31.4-227.4)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 1          | 2.1        | nc         | (nc-nc)       | Male                                       | 4          | 1.7        | nc         | (nc-nc)       |
| Female  | 1          | 1.6        | nc         | (nc-nc)       | Female                                     | 1          | 1.3        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 2          | 5.6        | nc         | (nc-nc)       |
| Female  | 46         | 38.8       | 118.6      | (86.8-158.2)  | Female                                     | 9          | 4.3        | 210.2      | (95.9-399.1)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 2          | 1.5        | nc         | (nc-nc)       | Male                                       | 3          | 4.6        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 22         | 10.9       | 202.4      | (126.8-306.4) | Female                                     | 3          | 3.4        | nc         | (nc-nc)       |
| Female  | 11         | 9.7        | 113.6      | (56.6-203.3)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 0          | 2.7        | nc         | (nc-nc)       | Male                                       | 54         | 39.3       | 137.4      | (103.2-179.3) |
| Female  | 1          | 0.6        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 0          | 0.9        | nc         | (nc-nc)       | Male                                       | 0          | 1.4        | nc         | (nc-nc)       |
| Female  | 0          | 0.7        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 6          | 5.6        | 106.9      | (39-232.7)    | Female                                     | 21         | 9          | 233.5      | (144.5-356.9) |
| Female  | 5          | 2.9        | 170.6      | (55-398.2)    | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Leukemia</u></b>                     |            |            |            |               |
| Male  | 1          | 1.5        | nc         | (nc-nc)       | Male                                       | 7          | 3.7        | 187.6      | (75.1-386.4)  |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | Female                                     | 2          | 2.6        | nc         | (nc-nc)       |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Lung and Bronchus</u></b>            |            |            |            |               |
| Male  | 3          | 3.3        | nc         | (nc-nc)       | Male                                       | 26         | 17.2       | 150.9      | (98.5-221.1)  |
| Female  | 3          | 1          | nc         | (nc-nc)       | Female                                     | 17         | 16.5       | 103        | (60-164.9)    |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hardwick

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 6          | 3.1        | 193.8      | (70.8-421.9)  | Male                                       | 1          | 2.1        | nc         | (nc-nc)       |
| Female  | 0          | 1          | nc         | (nc-nc)       | Female                                     | 0          | 1.5        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 1          | 0.6        | nc         | (nc-nc)       | Male                                       | 0          | 0.6        | nc         | (nc-nc)       |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | Female                                     | 0          | 0.4        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 1          | 1.8        | nc         | (nc-nc)       |
| Female  | 13         | 11.3       | 115.4      | (61.4-197.4)  | Female                                     | 1          | 1.4        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | Male                                       | 0          | 1.4        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 4          | 3.6        | nc         | (nc-nc)       | Female                                     | 0          | 1          | nc         | (nc-nc)       |
| Female  | 5          | 3.2        | 154.8      | (49.9-361.2)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 1          | 1          | nc         | (nc-nc)       |
| Male  | 1          | 0.9        | nc         | (nc-nc)       | Female                                     | 2          | 1          | nc         | (nc-nc)       |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 12         | 12.1       | 99.3       | (51.2-173.4)  |
| Male  | 1          | 0.3        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 1          | 0.2        | nc         | (nc-nc)       | Male                                       | 0          | 0.7        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 0          | 0.4        | nc         | (nc-nc)       |
| Male  | 2          | 1.7        | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 0          | 0.9        | nc         | (nc-nc)       | Male                                       | 0          | 0.4        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 0          | 0.5        | nc         | (nc-nc)       | Male                                       | 0          | 0.8        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Female                                     | 2          | 2.1        | nc         | (nc-nc)       |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 0          | 1.2        | nc         | (nc-nc)       | Female                                     | 4          | 2.6        | nc         | (nc-nc)       |
| Female  | 1          | 0.8        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 45         | 42.6       | 105.6      | (77-141.3)    |
| Male  | 1          | 1          | nc         | (nc-nc)       | Female                                     | 36         | 38.2       | 94.2       | (66-130.4)    |
| Female  | 0          | 0.3        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 7          | 5.7        | 122.3      | (49-252.1)    |  |            |            |            |               |
| Female  | 5          | 5.3        | 94.1       | (30.3-219.5)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Harvard

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 7          | 6.1        | 115.2      | (46.1-237.4)  | Male                                       | 8          | 4.7        | 171.9      | (74-338.8)    |
| Female  | 0          | 1.7        | nc         | (nc-nc)       | Female                                     | 3          | 2.9        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 1          | 1.5        | nc         | (nc-nc)       | Male                                       | 0          | 1.2        | nc         | (nc-nc)       |
| Female  | 1          | 0.9        | nc         | (nc-nc)       | Female                                     | 2          | 0.7        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 8          | 4          | 198.1      | (85.3-390.3)  |
| Female  | 21         | 22.9       | 91.7       | (56.8-140.2)  | Female                                     | 3          | 2.4        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 0.8        | nc         | (nc-nc)       | Male                                       | 1          | 3.5        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 3          | 7.8        | nc         | (nc-nc)       | Female                                     | 3          | 2          | nc         | (nc-nc)       |
| Female  | 9          | 5.4        | 167.3      | (76.3-317.6)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 2          | 2.1        | nc         | (nc-nc)       |
| Male  | 3          | 1.9        | nc         | (nc-nc)       | Female                                     | 0          | 1.6        | nc         | (nc-nc)       |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 29         | 27.8       | 104.5      | (69.9-150)    |
| Male  | 1          | 0.7        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 1          | 1.6        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 1          | 0.6        | nc         | (nc-nc)       |
| Male  | 3          | 4.1        | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 1          | 1.7        | nc         | (nc-nc)       | Male                                       | 0          | 1.2        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 0          | 1.1        | nc         | (nc-nc)       | Male                                       | 2          | 2          | nc         | (nc-nc)       |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | Female                                     | 5          | 4.4        | 113        | (36.4-263.7)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 3          | 2.6        | nc         | (nc-nc)       | Female                                     | 8          | 5.4        | 148.3      | (63.9-292.3)  |
| Female  | 1          | 1.4        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 87         | 94.6       | 91.9       | (73.6-113.4)  |
| Male  | 2          | 2.4        | nc         | (nc-nc)       | Female                                     | 64         | 71.3       | 89.8       | (69.2-114.7)  |
| Female  | 0          | 0.5        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 5          | 11.7       | 42.8       | (13.8-100)    |  |            |            |            |               |
| Female  | 3          | 9.2        | nc         | (nc-nc)       |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Harwich

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 45         | 25.9       | 173.5      | (126.6-232.2) | Male                                       | 20         | 14.5       | 138.1      | (84.3-213.3)  |
| Female  | 7          | 9.5        | 73.6       | (29.5-151.6)  | Female                                     | 23         | 10.6       | 217.4      | (137.8-326.3) |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 3          | 3.6        | nc         | (nc-nc)       | Male                                       | 3          | 4.3        | nc         | (nc-nc)       |
| Female  | 4          | 3.2        | nc         | (nc-nc)       | Female                                     | 5          | 3.7        | 134.9      | (43.5-314.9)  |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 1          | 0.8        | nc         | (nc-nc)       | Male                                       | 18         | 12.8       | 140.1      | (83-221.5)    |
| Female  | 108        | 80.8       | 133.6      | (109.6-161.4) | Female                                     | 11         | 11.3       | 97.3       | (48.5-174.2)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 2.3        | nc         | (nc-nc)       | Male                                       | 8          | 8.6        | 93.3       | (40.2-183.8)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 23         | 26.7       | 86.2       | (54.6-129.4)  | Female                                     | 10         | 7.7        | 130.5      | (62.5-239.9)  |
| Female  | 35         | 29         | 120.6      | (84-167.7)    | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 4          | 6.2        | nc         | (nc-nc)       | Male                                       | 7          | 8.1        | 86         | (34.5-177.3)  |
| Female  | 2          | 1.9        | nc         | (nc-nc)       | Female                                     | 9          | 9.3        | 96.6       | (44.1-183.4)  |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Stomach</u></b>                      |            |            |            |               |
| Male  | 3          | 1.1        | nc         | (nc-nc)       | Male                                       | 6          | 5.7        | 104.9      | (38.3-228.3)  |
| Female  | 1          | 1          | nc         | (nc-nc)       | Female                                     | 3          | 3.6        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 9          | 11         | 81.5       | (37.2-154.7)  | Male                                       | 0          | 1.4        | nc         | (nc-nc)       |
| Female  | 6          | 7          | 85.3       | (31.1-185.7)  | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 3          | 3.3        | nc         | (nc-nc)       | Female                                     | 22         | 18.8       | 117        | (73.3-177.2)  |
| Female  | 2          | 1          | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 10         | 8.9        | 113        | (54.1-207.8)  | Male                                       | 361        | 305.9      | 118        | (106.2-130.9) |
| Female  | 2          | 6.6        | nc         | (nc-nc)       | Female                                     | 323        | 298.9      | 108.1      | (96.6-120.5)  |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               |  |            |            |            |               |
| Male  | 4          | 6.6        | nc         | (nc-nc)       |  |            |            |            |               |
| Female  | 3          | 2.6        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 54         | 45.3       | 119.1      | (89.5-155.4)  |  |            |            |            |               |
| Female  | 33         | 47.3       | 69.7       | (48-97.9)     |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
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- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hatfield

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 4          | 4.8        | nc         | (nc-nc)       | Male                                       | 4          | 3          | nc         | (nc-nc)       |
| Female  | 0          | 1.6        | nc         | (nc-nc)       | Female                                     | 2          | 2.2        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 2          | 0.8        | nc         | (nc-nc)       | Male                                       | 1          | 0.9        | nc         | (nc-nc)       |
| Female  | 1          | 0.7        | nc         | (nc-nc)       | Female                                     | 0          | 0.6        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 0          | 2.6        | nc         | (nc-nc)       |
| Female  | 15         | 17         | 88.5       | (49.5-145.9)  | Female                                     | 0          | 2.1        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | Male                                       | 0          | 2.1        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 8          | 5.3        | 149.9      | (64.6-295.5)  | Female                                     | 4          | 1.5        | nc         | (nc-nc)       |
| Female  | 7          | 5          | 140.6      | (56.3-289.8)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 3          | 1.3        | nc         | (nc-nc)       | Male                                       | 18         | 18.4       | 98         | (58-154.8)    |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 1          | 0.4        | nc         | (nc-nc)       |
| Female  | 1          | 0.2        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 3          | 2.5        | nc         | (nc-nc)       | Female                                     | 6          | 4          | 150.9      | (55.1-328.5)  |
| Female  | 2          | 1.4        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Leukemia</u></b>                     |            |            |            |               |
| Male  | 0          | 0.7        | nc         | (nc-nc)       | Male                                       | 1          | 1.8        | nc         | (nc-nc)       |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | Female                                     | 1          | 1.2        | nc         | (nc-nc)       |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Lung and Bronchus</u></b>            |            |            |            |               |
| Male  | 1          | 1.5        | nc         | (nc-nc)       | Male                                       | 6          | 8.8        | 68.5       | (25-149.2)    |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | Female                                     | 3          | 8.3        | nc         | (nc-nc)       |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Haverhill

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 65         | 57.1       | 113.9      | (87.9-145.1)  | Male                                       | 36         | 38.2       | 94.3       | (66-130.5)    |
| Female  | 24         | 22.8       | 105.2      | (67.4-156.5)  | Female                                     | 28         | 33.6       | 83.4       | (55.4-120.5)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 16         | 11.9       | 134.3      | (76.7-218.1)  | Male                                       | 8          | 10.4       | 77.1       | (33.2-151.9)  |
| Female  | 9          | 10.4       | 86.2       | (39.4-163.7)  | Female                                     | 8          | 9.1        | 87.4       | (37.6-172.3)  |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 2          | 1.8        | nc         | (nc-nc)       | Male                                       | 36         | 33.8       | 106.4      | (74.5-147.3)  |
| Female  | 231        | 241.7      | 95.6       | (83.6-108.7)  | Female                                     | 42         | 30         | 140        | (100.9-189.3) |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 5          | 9.1        | 55         | (17.7-128.3)  | Male                                       | 37         | 25.4       | 145.8      | (102.6-201)   |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 81         | 66         | 122.8      | (97.5-152.6)  | Female                                     | 22         | 22         | 99.8       | (62.5-151.1)  |
| Female  | 71         | 73.2       | 97         | (75.8-122.4)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 27         | 18.8       | 143.5      | (94.5-208.8)  |
| Male  | 14         | 15.4       | 91.1       | (49.8-152.9)  | Female                                     | 26         | 22.1       | 117.4      | (76.7-172.1)  |
| Female  | 4          | 4.6        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 198        | 211.6      | 93.6       | (81-107.5)    |
| Male  | 5          | 5.3        | 94.8       | (30.5-221.2)  | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 4          | 4.5        | nc         | (nc-nc)       | Male                                       | 15         | 13.7       | 109.4      | (61.2-180.5)  |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 8          | 9          | 88.7       | (38.2-174.8)  |
| Male  | 35         | 31.3       | 111.8      | (77.9-155.5)  | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 22         | 19.3       | 114.1      | (71.5-172.7)  | Male                                       | 11         | 9          | 122.2      | (60.9-218.7)  |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 6          | 8.4        | 71.3       | (26-155.1)    | Male                                       | 11         | 14.5       | 75.9       | (37.8-135.8)  |
| Female  | 3          | 2.8        | nc         | (nc-nc)       | Female                                     | 43         | 47.8       | 89.9       | (65-121.1)    |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 18         | 23.1       | 77.8       | (46.1-123)    | Female                                     | 60         | 54.5       | 110.2      | (84.1-141.8)  |
| Female  | 20         | 18.6       | 107.6      | (65.7-166.3)  | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 804        | 777        | 103.5      | (96.4-110.9)  |
| Male  | 17         | 18.2       | 93.5       | (54.4-149.7)  | Female                                     | 851        | 835.8      | 101.8      | (95.1-108.9)  |
| Female  | 5          | 6.7        | 74.8       | (24.1-174.6)  |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 109        | 103.1      | 105.8      | (86.8-127.6)  |  |            |            |            |               |
| Female  | 132        | 115        | 114.8      | (96-136.1)    |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hawley

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 0          | 0.6        | nc         | (nc-nc)       | Male                                       | 0          | 0.4        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Female                                     | 0          | 0.2        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 0.1        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Female                                     | 0          | 0.1        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0          | nc         | (nc-nc)       | Male                                       | 0          | 0.3        | nc         | (nc-nc)       |
| Female  | 2          | 1.7        | nc         | (nc-nc)       | Female                                     | 0          | 0.2        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 0.3        | nc         | (nc-nc)       |
|   |            |            |            |               | Female                                     | 0          | 0.1        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 0          | 0.7        | nc         | (nc-nc)       | Female                                     | 0          | 0.2        | nc         | (nc-nc)       |
| Female  | 0          | 0.5        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Pancreas</u></b>                     |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 0          | 0.2        | nc         | (nc-nc)       |
| Female  | 0          | 0          | nc         | (nc-nc)       | Female                                     | 0          | 0.1        | nc         | (nc-nc)       |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 0          | 0          | nc         | (nc-nc)       | Male                                       | 0          | 2.5        | nc         | (nc-nc)       |
| Female  | 0          | 0          | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Stomach</u></b>                      |            |            |            |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 0          | 0.1        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Female                                     | 0          | 0.1        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 0          | nc         | (nc-nc)       |
| Female  | 1          | 0          | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 0          | 0.1        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Female                                     | 0          | 0.3        | nc         | (nc-nc)       |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 1          | 0.2        | nc         | (nc-nc)       | Female                                     | 0          | 0.4        | nc         | (nc-nc)       |
| Female  | 0          | 0          | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| Male  | 1          | 1.2        | nc         | (nc-nc)       | Male                                       | 2          | 8.3        | nc         | (nc-nc)       |
| Female  | 1          | 0.8        | nc         | (nc-nc)       | Female                                     | 4          | 5.7        | nc         | (nc-nc)       |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Heath

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u>   | <u>SIR</u>   | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|--------------|--------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |              |              |               |
| Male  | 0          | 1.1        | nc         | (nc-nc)       | Male                                       | 0          | 0.7          | nc           | (nc-nc)       |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | Female                                     | 1          | 0.4          | nc           | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |              |              |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 0          | 0.2          | nc           | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Female                                     | 0          | 0.1          | nc           | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |              |              |               |
| Male  | 0          | 0          | nc         | (nc-nc)       | Male                                       | 1          | 0.6          | nc           | (nc-nc)       |
| Female  | 0          | 3.4        | nc         | (nc-nc)       | Female                                     | 0          | 0.4          | nc           | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |              |              |               |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 0.5          | nc           | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |              |              |               |
| Male  | 0          | 1.2        | nc         | (nc-nc)       | Female                                     | 0          | 0.3          | nc           | (nc-nc)       |
| Female  | 1          | 0.9        | nc         | (nc-nc)       | <b><u>Pancreas</u></b>                     |            |              |              |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |              |              |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 4          | 4.4          | nc           | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |              |              |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |              |              |               |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 0.1          | nc           | (nc-nc)       |
| Female  | 2          | 0.1        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |              |              |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |              |              |               |
| Male  | 0          | 0.6        | nc         | (nc-nc)       | Female                                     | 1          | 0.8          | nc           | (nc-nc)       |
| Female  | 1          | 0.3        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |              |              |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Male</u></b>                         |            |              |              |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | 9  | 14.8       | 60.8         | (27.8-115.5) |               |
| Female  | 0          | 0          | nc         | (nc-nc)       | <b><u>Female</u></b>                       |            |              |              |               |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>6</u></b>                            |            |              |              |               |
| Male  | 0          | 0.4        | nc         | (nc-nc)       | 11.2                                       | 53.8       | (19.6-117.1) |              |               |
| Female  | 0          | 0.2        | nc         | (nc-nc)       |  |            |              |              |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               |  |            |              |              |               |
| Male  | 1          | 0.4        | nc         | (nc-nc)       |  |            |              |              |               |
| Female  | 0          | 0.1        | nc         | (nc-nc)       |  |            |              |              |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |              |              |               |
| Male  | 2          | 2          | nc         | (nc-nc)       |  |            |              |              |               |
| Female  | 0          | 1.6        | nc         | (nc-nc)       |  |            |              |              |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hingham

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 20         | 27.4       | 72.9       | (44.5-112.5)  | Male                                       | 45         | 17.3       | 259.7      | (189.4-347.5) |
| Female  | 8          | 10.9       | 73.4       | (31.6-144.7)  | Female                                     | 29         | 14.2       | 204.7      | (137.1-294)   |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 0          | 5          | nc         | (nc-nc)       | Male                                       | 3          | 4.9        | nc         | (nc-nc)       |
| Female  | 4          | 4.4        | nc         | (nc-nc)       | Female                                     | 5          | 4.3        | 115.3      | (37.2-269.1)  |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 1          | 0.9        | nc         | (nc-nc)       | Male                                       | 16         | 15.3       | 104.8      | (59.9-170.2)  |
| Female  | 108        | 108.2      | 99.9       | (81.9-120.6)  | Female                                     | 27         | 13.8       | 196.1      | (129.2-285.3) |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 2          | 3.6        | nc         | (nc-nc)       | Male                                       | 10         | 11.5       | 86.8       | (41.6-159.7)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | Female                                     | 7          | 5.4        | 129.6      | (51.9-267)    |
| Male  | 30         | 30.7       | 97.7       | (65.9-139.5)  | <b><u>Ovary</u></b>                        |            |            |            |               |
| Female  | 39         | 34.5       | 113.1      | (80.4-154.6)  | Female                                     | 13         | 9.9        | 131.1      | (69.7-224.2)  |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Pancreas</u></b>                     |            |            |            |               |
| Male  | 6          | 7.3        | 82         | (29.9-178.5)  | Male                                       | 4          | 9          | nc         | (nc-nc)       |
| Female  | 2          | 2.2        | nc         | (nc-nc)       | Female                                     | 9          | 10.6       | 84.9       | (38.8-161.2)  |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 2          | 1.8        | nc         | (nc-nc)       | Male                                       | 108        | 101.4      | 106.5      | (87.4-128.6)  |
| Female  | 2          | 1.5        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Male                                       | 3          | 6.4        | nc         | (nc-nc)       |
| Male  | 11         | 14.2       | 77.4       | (38.6-138.5)  | Female                                     | 0          | 4.3        | nc         | (nc-nc)       |
| Female  | 10         | 8.8        | 113.7      | (54.4-209.1)  | <b><u>Testis</u></b>                       |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | Male                                       | 4          | 2.6        | nc         | (nc-nc)       |
| Male  | 2          | 4          | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Female  | 0          | 1.3        | nc         | (nc-nc)       | Male                                       | 6          | 5.9        | 101        | (36.9-219.9)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | Female                                     | 27         | 18.1       | 149.3      | (98.4-217.3)  |
| Male  | 11         | 10.4       | 105.8      | (52.8-189.4)  | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Female  | 10         | 8.3        | 120.7      | (57.8-221.9)  | Female                                     | 20         | 24.7       | 80.9       | (49.4-124.9)  |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| Male  | 5          | 8.4        | 59.3       | (19.1-138.3)  | Male                                       | 343        | 361.8      | 94.8       | (85-105.4)    |
| Female  | 0          | 3.1        | nc         | (nc-nc)       | Female                                     | 397        | 377.7      | 105.1      | (95-116)      |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 34         | 49.7       | 68.4       | (47.4-95.6)   |  |            |            |            |               |
| Female  | 42         | 54.5       | 77         | (55.5-104.1)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hinsdale

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 1          | 2.4        | nc         | (nc-nc)       | Male                                       | 2          | 1.6        | nc         | (nc-nc)       |
| Female  | 0          | 0.7        | nc         | (nc-nc)       | Female                                     | 1          | 1.1        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 1          | 0.5        | nc         | (nc-nc)       | Male                                       | 1          | 0.5        | nc         | (nc-nc)       |
| Female  | 2          | 0.3        | nc         | (nc-nc)       | Female                                     | 0          | 0.3        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 1.4        | nc         | (nc-nc)       |
| Female  | 11         | 8.6        | 128.6      | (64.1-230.1)  | Female                                     | 2          | 1          | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 2          | 1.1        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 2          | 2.8        | nc         | (nc-nc)       | Female                                     | 1          | 0.8        | nc         | (nc-nc)       |
| Female  | 2          | 2.3        | nc         | (nc-nc)       | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 2          | 0.8        | nc         | (nc-nc)       |
| Male  | 0          | 0.7        | nc         | (nc-nc)       | Female                                     | 0          | 0.7        | nc         | (nc-nc)       |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 7          | 9.9        | 70.9       | (28.4-146.1)  |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 0          | 0.6        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 0          | 0.3        | nc         | (nc-nc)       |
| Male  | 4          | 1.4        | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 0          | 0.7        | nc         | (nc-nc)       | Male                                       | 0          | 0.3        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 0          | 0.4        | nc         | (nc-nc)       | Male                                       | 1          | 0.6        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Female                                     | 2          | 1.6        | nc         | (nc-nc)       |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 0          | 0.9        | nc         | (nc-nc)       | Female                                     | 5          | 2          | 247.6      | (79.8-577.7)  |
| Female  | 1          | 0.6        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 35         | 33.8       | 103.7      | (72.2-144.2)  |
| Male  | 2          | 0.8        | nc         | (nc-nc)       | Female                                     | 35         | 28.5       | 122.9      | (85.6-170.9)  |
| Female  | 0          | 0.2        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 9          | 4.6        | 196.6      | (89.7-373.2)  |  |            |            |            |               |
| Female  | 6          | 4          | 148.5      | (54.2-323.2)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Holbrook

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 19         | 12.6       | 150.4      | (90.5-234.8)  | Male                                       | 5          | 8.2        | 61         | (19.7-142.3)  |
| Female  | 8          | 4.5        | 179.7      | (77.4-354)    | Female                                     | 16         | 6.4        | 251.5      | (143.6-408.4) |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 3          | 2.4        | nc         | (nc-nc)       | Male                                       | 2          | 2.3        | nc         | (nc-nc)       |
| Female  | 4          | 2          | nc         | (nc-nc)       | Female                                     | 4          | 1.8        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.4        | nc         | (nc-nc)       | Male                                       | 11         | 7.2        | 153        | (76.3-273.9)  |
| Female  | 51         | 47.7       | 106.8      | (79.5-140.5)  | Female                                     | 3          | 5.8        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 1.7        | nc         | (nc-nc)       | Male                                       | 5          | 5.4        | 92.6       | (29.9-216.2)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 17         | 14.2       | 119.9      | (69.8-191.9)  | Female                                     | 7          | 4.3        | 162.2      | (65-334.3)    |
| Female  | 15         | 13.9       | 108.1      | (60.4-178.3)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 5          | 4.2        | 120.3      | (38.8-280.8)  |
| Male  | 9          | 3.4        | 264.7      | (120.8-502.5) | Female                                     | 4          | 4.3        | nc         | (nc-nc)       |
| Female  | 3          | 0.9        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 59         | 47.4       | 124.4      | (94.7-160.5)  |
| Male  | 3          | 1          | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 2          | 0.8        | nc         | (nc-nc)       | Male                                       | 6          | 3          | 201.3      | (73.5-438.2)  |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 1          | 1.7        | nc         | (nc-nc)       |
| Male  | 9          | 6.7        | 133.7      | (61-253.8)    | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 4          | 3.8        | nc         | (nc-nc)       | Male                                       | 3          | 1.5        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 2          | 1.9        | nc         | (nc-nc)       | Male                                       | 3          | 2.9        | nc         | (nc-nc)       |
| Female  | 1          | 0.6        | nc         | (nc-nc)       | Female                                     | 7          | 8.8        | 79.4       | (31.8-163.6)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 4          | 4.8        | nc         | (nc-nc)       | Female                                     | 11         | 11         | 99.7       | (49.7-178.4)  |
| Female  | 5          | 3.5        | 144        | (46.4-336.1)  | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 212        | 169.4      | 125.1      | (108.8-143.1) |
| Male  | 7          | 3.9        | 178        | (71.3-366.8)  | Female                                     | 204        | 163.5      | 124.8      | (108.3-143.1) |
| Female  | 2          | 1.3        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 25         | 23.2       | 107.5      | (69.6-158.7)  |  |            |            |            |               |
| Female  | 45         | 23.6       | 190.3      | (138.8-254.7) |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Holden

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 20         | 19.5       | 102.7      | (62.7-158.7)  | Male                                       | 15         | 12.8       | 117        | (65.5-193.1)  |
| Female  | 8          | 6.9        | 116.6      | (50.2-229.7)  | Female                                     | 5          | 9.9        | 50.6       | (16.3-118)    |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 2          | 3.8        | nc         | (nc-nc)       | Male                                       | 4          | 3.6        | nc         | (nc-nc)       |
| Female  | 6          | 3.1        | 195.4      | (71.4-425.4)  | Female                                     | 1          | 2.8        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 1          | 0.6        | nc         | (nc-nc)       | Male                                       | 9          | 11.3       | 80         | (36.5-151.8)  |
| Female  | 68         | 75         | 90.7       | (70.4-114.9)  | Female                                     | 8          | 9          | 88.5       | (38.1-174.4)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 2.7        | nc         | (nc-nc)       | Male                                       | 13         | 8.8        | 148.1      | (78.8-253.3)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 13         | 22.4       | 58         | (30.9-99.2)   | Female                                     | 10         | 6.7        | 148.3      | (71-272.8)    |
| Female  | 21         | 21.8       | 96.1       | (59.5-147)    | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 9          | 6.5        | 139.2      | (63.5-264.2)  |
| Male  | 7          | 5.4        | 130.6      | (52.3-269.1)  | Female                                     | 2          | 6.6        | nc         | (nc-nc)       |
| Female  | 2          | 1.4        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 77         | 75.3       | 102.2      | (80.7-127.8)  |
| Male  | 2          | 1.5        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 1          | 1.2        | nc         | (nc-nc)       | Male                                       | 1          | 4.7        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 1          | 2.7        | nc         | (nc-nc)       |
| Male  | 8          | 10.7       | 74.9       | (32.2-147.5)  | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 5          | 5.9        | 84.6       | (27.3-197.5)  | Male                                       | 8          | 2.2        | 359.5      | (154.8-708.4) |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 2          | 3          | nc         | (nc-nc)       | Male                                       | 3          | 4.7        | nc         | (nc-nc)       |
| Female  | 0          | 0.9        | nc         | (nc-nc)       | Female                                     | 10         | 13.8       | 72.4       | (34.7-133.2)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 11         | 7.6        | 145.3      | (72.4-260)    | Female                                     | 25         | 17.2       | 145.7      | (94.3-215.1)  |
| Female  | 5          | 5.4        | 92.2       | (29.7-215.1)  | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 270        | 266        | 101.5      | (89.7-114.3)  |
| Male  | 7          | 6.3        | 110.3      | (44.2-227.3)  | Female                                     | 240        | 253.9      | 94.5       | (83-107.3)    |
| Female  | 3          | 2          | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 37         | 35.7       | 103.6      | (72.9-142.8)  |  |            |            |            |               |
| Female  | 26         | 35.4       | 73.5       | (48-107.8)    |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
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- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Holland

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 0          | 2.5        | nc         | (nc-nc)       | Male                                       | 1          | 1.8        | nc         | (nc-nc)       |
| Female  | 3          | 0.7        | nc         | (nc-nc)       | Female                                     | 1          | 1.2        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 0          | 0.6        | nc         | (nc-nc)       | Male                                       | 1          | 0.5        | nc         | (nc-nc)       |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | Female                                     | 0          | 0.3        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 1          | 1.6        | nc         | (nc-nc)       |
| Female  | 5          | 9.2        | 54.4       | (17.5-127)    | Female                                     | 0          | 1          | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 0.4        | nc         | (nc-nc)       | Male                                       | 2          | 1.3        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 2          | 3          | nc         | (nc-nc)       | Female                                     | 1          | 0.8        | nc         | (nc-nc)       |
| Female  | 2          | 2.2        | nc         | (nc-nc)       | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 3          | 0.9        | nc         | (nc-nc)       |
| Male  | 0          | 0.7        | nc         | (nc-nc)       | Female                                     | 0          | 0.6        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 10         | 10.8       | 92.7       | (44.4-170.5)  |
| Male  | 1          | 0.2        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 0          | 0.6        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 1          | 0.3        | nc         | (nc-nc)       |
| Male  | 0          | 1.6        | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 1          | 0.7        | nc         | (nc-nc)       | Male                                       | 1          | 0.4        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 1          | 0.4        | nc         | (nc-nc)       | Male                                       | 1          | 0.7        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Female                                     | 1          | 2          | nc         | (nc-nc)       |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 1          | 1          | nc         | (nc-nc)       | Female                                     | 2          | 2.1        | nc         | (nc-nc)       |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 28         | 36.8       | 76         | (50.5-109.9)  |
| Male  | 0          | 0.9        | nc         | (nc-nc)       | Female                                     | 25         | 29.2       | 85.7       | (55.4-126.5)  |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | <b><u>Lung and Bronchus</u></b>            |            |            |            |               |
| Male  | 3          | 4.7        | nc         | (nc-nc)       |  |            |            |            |               |
| Female  | 3          | 3.7        | nc         | (nc-nc)       |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Holliston

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 14         | 12.9       | 108.4      | (59.2-181.9)  | Male                                       | 10         | 9.2        | 108.4      | (51.9-199.4)  |
| Female  | 2          | 4.4        | nc         | (nc-nc)       | Female                                     | 7          | 7.2        | 96.8       | (38.8-199.5)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 6          | 2.9        | 206.6      | (75.4-449.6)  | Male                                       | 2          | 2.5        | nc         | (nc-nc)       |
| Female  | 4          | 2.3        | nc         | (nc-nc)       | Female                                     | 2          | 1.8        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.4        | nc         | (nc-nc)       | Male                                       | 9          | 8          | 112.1      | (51.2-212.9)  |
| Female  | 65         | 56.1       | 115.9      | (89.5-147.7)  | Female                                     | 4          | 6.2        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 3          | 2.1        | nc         | (nc-nc)       | Male                                       | 7          | 6.7        | 105        | (42.1-216.4)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 19         | 15.7       | 121.2      | (72.9-189.3)  | Female                                     | 4          | 4.9        | nc         | (nc-nc)       |
| Female  | 12         | 14         | 85.6       | (44.2-149.5)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 4          | 4.4        | nc         | (nc-nc)       |
| Male  | 5          | 3.8        | 130        | (41.9-303.3)  | Female                                     | 4          | 4.1        | nc         | (nc-nc)       |
| Female  | 0          | 0.9        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 69         | 55.9       | 123.5      | (96.1-156.3)  |
| Male  | 1          | 1.2        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 1          | 0.9        | nc         | (nc-nc)       | Male                                       | 4          | 3.2        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 1          | 1.7        | nc         | (nc-nc)       |
| Male  | 8          | 8          | 99.8       | (43-196.6)    | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 3          | 4.2        | nc         | (nc-nc)       | Male                                       | 2          | 1.8        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 3          | 2.2        | nc         | (nc-nc)       | Male                                       | 4          | 3.7        | nc         | (nc-nc)       |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | Female                                     | 11         | 11.1       | 99.4       | (49.6-177.9)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 11         | 5.3        | 207.4      | (103.4-371)   | Female                                     | 19         | 13         | 146.5      | (88.2-228.8)  |
| Female  | 3          | 3.7        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 216        | 190.7      | 113.2      | (98.6-129.4)  |
| Male  | 6          | 4.7        | 127.1      | (46.4-276.6)  | Female                                     | 181        | 180        | 100.6      | (86.5-116.3)  |
| Female  | 1          | 1.4        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 14         | 24.6       | 56.9       | (31.1-95.5)   |  |            |            |            |               |
| Female  | 22         | 23.9       | 92.1       | (57.7-139.5)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Holyoke

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 38         | 42.2       | 90         | (63.7-123.5)  | Male                                       | 19         | 26.3       | 72.2       | (43.5-112.8)  |
| Female  | 12         | 16.9       | 71.1       | (36.7-124.3)  | Female                                     | 16         | 22.7       | 70.4       | (40.2-114.3)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 9          | 8          | 112.8      | (51.5-214.2)  | Male                                       | 3          | 7.3        | nc         | (nc-nc)       |
| Female  | 4          | 7.3        | nc         | (nc-nc)       | Female                                     | 1          | 6.6        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 1.3        | nc         | (nc-nc)       | Male                                       | 25         | 23.6       | 106.1      | (68.6-156.6)  |
| Female  | 135        | 160.7      | 84         | (70.5-99.5)   | Female                                     | 14         | 21.3       | 65.6       | (35.8-110)    |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 12         | 5.8        | 208.1      | (107.4-363.5) | Male                                       | 26         | 16.6       | 156.3      | (102-229)     |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 49         | 46.6       | 105.1      | (77.7-138.9)  | Female                                     | 15         | 15.1       | 99.4       | (55.6-164)    |
| Female  | 50         | 53.7       | 93         | (69.1-122.7)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 16         | 13.6       | 117.5      | (67.1-190.8)  |
| Male  | 7          | 10.7       | 65.3       | (26.2-134.6)  | Female                                     | 21         | 16.5       | 127.1      | (78.6-194.3)  |
| Female  | 4          | 3.4        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 107        | 144.3      | 74.2       | (60.8-89.6)   |
| Male  | 5          | 3.4        | 147.7      | (47.6-344.6)  | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 3          | 3.1        | nc         | (nc-nc)       | Male                                       | 5          | 9.8        | 51.1       | (16.5-119.1)  |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 8          | 6.7        | 118.8      | (51.1-234.1)  |
| Male  | 22         | 20.8       | 105.6      | (66.2-159.9)  | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 9          | 13.3       | 67.8       | (30.9-128.7)  | Male                                       | 3          | 5.5        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 10         | 5.8        | 173.1      | (82.9-318.3)  | Male                                       | 5          | 9.1        | 55.1       | (17.8-128.7)  |
| Female  | 2          | 1.9        | nc         | (nc-nc)       | Female                                     | 17         | 30.2       | 56.4       | (32.8-90.3)   |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 15         | 16.5       | 90.7       | (50.7-149.5)  | Female                                     | 39         | 36.1       | 107.9      | (76.7-147.5)  |
| Female  | 5          | 13.5       | 37.1       | (12-86.5)     | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 518        | 541.6      | 95.6       | (87.6-104.2)  |
| Male  | 25         | 12.2       | 205.2      | (132.7-302.9) | Female                                     | 494        | 578.5      | 85.4       | (78-93.3)     |
| Female  | 7          | 4.7        | 147.4      | (59.1-303.8)  |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 76         | 74.5       | 102.1      | (80.4-127.8)  |  |            |            |            |               |
| Female  | 69         | 81.8       | 84.4       | (65.6-106.8)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hopedale

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 9          | 6.8        | 133.1      | (60.7-252.7)  | Male                                       | 6          | 4.3        | 138.5      | (50.6-301.4)  |
| Female  | 1          | 2.5        | nc         | (nc-nc)       | Female                                     | 3          | 3.6        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 1          | 1.3        | nc         | (nc-nc)       | Male                                       | 0          | 1.2        | nc         | (nc-nc)       |
| Female  | 0          | 1.1        | nc         | (nc-nc)       | Female                                     | 1          | 1          | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 4          | 3.9        | nc         | (nc-nc)       |
| Female  | 27         | 26.4       | 102.2      | (67.3-148.7)  | Female                                     | 1          | 3.3        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 1          | nc         | (nc-nc)       | Male                                       | 3          | 2.8        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 3          | 7.7        | nc         | (nc-nc)       | Female                                     | 2          | 2.4        | nc         | (nc-nc)       |
| Female  | 14         | 8.2        | 170.4      | (93.1-285.8)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 2          | 2.2        | nc         | (nc-nc)       |
| Male  | 5          | 1.7        | 287.1      | (92.5-670)    | Female                                     | 0          | 2.5        | nc         | (nc-nc)       |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 24         | 23.3       | 102.9      | (65.9-153.1)  |
| Male  | 3          | 0.5        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | Male                                       | 0          | 1.6        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 0          | 1          | nc         | (nc-nc)       |
| Male  | 4          | 3.5        | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 2          | 2.1        | nc         | (nc-nc)       | Male                                       | 1          | 0.8        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 0          | 0.9        | nc         | (nc-nc)       | Male                                       | 2          | 1.6        | nc         | (nc-nc)       |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | Female                                     | 7          | 4.9        | 142.6      | (57.1-293.9)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 3          | 2.6        | nc         | (nc-nc)       | Female                                     | 5          | 5.8        | 85.5       | (27.6-199.6)  |
| Female  | 0          | 2          | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 86         | 88.1       | 97.6       | (78.1-120.5)  |
| Male  | 2          | 2          | nc         | (nc-nc)       | Female                                     | 79         | 91.1       | 86.7       | (68.6-108)    |
| Female  | 0          | 0.7        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 9          | 11.9       | 75.3       | (34.4-143)    |  |            |            |            |               |
| Female  | 13         | 12.6       | 103        | (54.8-176.2)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hopkinton

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 9          | 10.3       | 87         | (39.7-165.2)  | Male                                       | 14         | 7.9        | 176.3      | (96.3-295.9)  |
| Female  | 3          | 3.6        | nc         | (nc-nc)       | Female                                     | 14         | 6.7        | 209.5      | (114.4-351.5) |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 8          | 2.8        | 289.9      | (124.8-571.3) | Male                                       | 0          | 2.1        | nc         | (nc-nc)       |
| Female  | 5          | 2.1        | 236.7      | (76.3-552.3)  | Female                                     | 2          | 1.5        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.4        | nc         | (nc-nc)       | Male                                       | 6          | 7          | 85.5       | (31.2-186.2)  |
| Female  | 57         | 50.5       | 112.9      | (85.5-146.3)  | Female                                     | 5          | 5.3        | 94.3       | (30.4-220.2)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 2.1        | nc         | (nc-nc)       | Male                                       | 6          | 5.9        | 102        | (37.3-222.1)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 8          | 13.4       | 59.9       | (25.8-117.9)  | Female                                     | 2          | 4.3        | nc         | (nc-nc)       |
| Female  | 13         | 12.3       | 106.1      | (56.4-181.4)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 1          | 3.1        | nc         | (nc-nc)       | Male                                       | 53         | 45         | 117.8      | (88.2-154.1)  |
| Female  | 0          | 0.7        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 0          | 1.2        | nc         | (nc-nc)       | Male                                       | 3          | 2          | nc         | (nc-nc)       |
| Female  | 2          | 0.9        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 7          | 7          | 99.3       | (39.8-204.7)  | Female                                     | 12         | 11         | 109.4      | (56.5-191.2)  |
| Female  | 1          | 3.7        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Leukemia</u></b>                     |            |            |            |               |
| Male  | 2          | 1.8        | nc         | (nc-nc)       | Male                                       | 6          | 4.7        | 128.6      | (47-280)      |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | Female                                     | 1          | 3.4        | nc         | (nc-nc)       |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Lung and Bronchus</u></b>            |            |            |            |               |
| Male  | 2          | 4          | nc         | (nc-nc)       | Male                                       | 11         | 19.6       | 56.1       | (28-100.5)    |
| Female  | 2          | 1.2        | nc         | (nc-nc)       | Female                                     | 21         | 19.4       | 108.3      | (67-165.6)    |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hubbardston

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u>  |
|---|------------|------------|------------|---------------|--|------------|------------|------------|----------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |                |
| Male  | 2          | 3.5        | nc         | (nc-nc)       | Male                                       | 2          | 2.7        | nc         | (nc-nc)        |
| Female  | 1          | 1.1        | nc         | (nc-nc)       | Female                                     | 2          | 2          | nc         | (nc-nc)        |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |                |
| Male  | 1          | 0.9        | nc         | (nc-nc)       | Male                                       | 1          | 0.7        | nc         | (nc-nc)        |
| Female  | 1          | 0.6        | nc         | (nc-nc)       | Female                                     | 0          | 0.5        | nc         | (nc-nc)        |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |                |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 1          | 2.3        | nc         | (nc-nc)        |
| Female  | 22         | 15.1       | 145.6      | (91.2-220.5)  | Female                                     | 1          | 1.6        | nc         | (nc-nc)        |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |                |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | Male                                       | 0          | 2          | nc         | (nc-nc)        |
|   |            |            |            |               | Female                                     | 5          | 0.7        | 739.9      | (238.4-1726.7) |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |                |
| Male  | 1          | 4.5        | nc         | (nc-nc)       | Female                                     | 3          | 1.3        | nc         | (nc-nc)        |
| Female  | 7          | 3.6        | 196.4      | (78.7-404.7)  |  |            |            |            |                |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Pancreas</u></b>                     |            |            |            |                |
| Male  | 0          | 1.1        | nc         | (nc-nc)       | Male                                       | 1          | 1.2        | nc         | (nc-nc)        |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | Female                                     | 0          | 1          | nc         | (nc-nc)        |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |                |
| Male  | 1          | 0.4        | nc         | (nc-nc)       | Male                                       | 15         | 15.7       | 95.3       | (53.3-157.2)   |
| Female  | 0          | 0.3        | nc         | (nc-nc)       |  |            |            |            |                |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Stomach</u></b>                      |            |            |            |                |
| Male  | 3          | 2.3        | nc         | (nc-nc)       | Male                                       | 4          | 0.9        | nc         | (nc-nc)        |
| Female  | 0          | 1.1        | nc         | (nc-nc)       | Female                                     | 1          | 0.4        | nc         | (nc-nc)        |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |                |
| Male  | 0          | 0.6        | nc         | (nc-nc)       | Male                                       | 1          | 0.6        | nc         | (nc-nc)        |
| Female  | 1          | 0.2        | nc         | (nc-nc)       |  |            |            |            |                |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |                |
| Male  | 1          | 1.5        | nc         | (nc-nc)       | Male                                       | 2          | 1.1        | nc         | (nc-nc)        |
| Female  | 0          | 1          | nc         | (nc-nc)       | Female                                     | 6          | 3.4        | 178.6      | (65.2-388.7)   |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |                |
| Male  | 0          | 1.4        | nc         | (nc-nc)       | Female                                     | 4          | 3.4        | nc         | (nc-nc)        |
| Female  | 0          | 0.3        | nc         | (nc-nc)       |  |            |            |            |                |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               | <b><u>All Sites / Types</u></b>            |            |            |            |                |
| Male  | 6          | 6.8        | 88.3       | (32.2-192.1)  | Male                                       | 49         | 54.3       | 90.2       | (66.7-119.2)   |
| Female  | 6          | 5.8        | 103.8      | (37.9-225.9)  | Female                                     | 64         | 47.4       | 135.1      | (104.1-172.6)  |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hudson

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 14         | 20.1       | 69.8       | (38.1-117.1)  | Male                                       | 12         | 13.6       | 88.4       | (45.6-154.4)  |
| Female  | 5          | 7.1        | 70.3       | (22.7-164)    | Female                                     | 11         | 10.7       | 102.9      | (51.3-184.2)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 4          | 4.1        | nc         | (nc-nc)       | Male                                       | 2          | 3.7        | nc         | (nc-nc)       |
| Female  | 2          | 3.3        | nc         | (nc-nc)       | Female                                     | 4          | 2.9        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.6        | nc         | (nc-nc)       | Male                                       | 6          | 11.9       | 50.6       | (18.5-110.1)  |
| Female  | 84         | 80.2       | 104.7      | (83.5-129.6)  | Female                                     | 7          | 9.5        | 73.4       | (29.4-151.3)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 3          | 2.9        | nc         | (nc-nc)       | Male                                       | 11         | 9.2        | 119.6      | (59.6-214)    |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 25         | 23.1       | 108        | (69.9-159.5)  | Female                                     | 9          | 7.2        | 125.6      | (57.3-238.4)  |
| Female  | 25         | 22.3       | 112.2      | (72.6-165.7)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 7          | 5.6        | 125.1      | (50.1-257.8)  | Male                                       | 93         | 79         | 117.7      | (95-144.1)    |
| Female  | 1          | 1.5        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 0          | 1.7        | nc         | (nc-nc)       | Male                                       | 3          | 2.9        | nc         | (nc-nc)       |
| Female  | 1          | 1.3        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 8          | 11.3       | 70.6       | (30.4-139.1)  | Female                                     | 27         | 18.5       | 145.9      | (96.1-212.3)  |
| Female  | 8          | 6.4        | 125.6      | (54.1-247.5)  | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Leukemia</u></b>                     |            |            |            |               |
| Male  | 4          | 3.1        | nc         | (nc-nc)       | Male                                       | 9          | 7.9        | 113.5      | (51.8-215.5)  |
| Female  | 1          | 1          | nc         | (nc-nc)       | Female                                     | 4          | 5.7        | nc         | (nc-nc)       |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Lung and Bronchus</u></b>            |            |            |            |               |
| Male  | 3          | 6.6        | nc         | (nc-nc)       | Male                                       | 39         | 37.3       | 104.7      | (74.4-143.1)  |
| Female  | 0          | 2.1        | nc         | (nc-nc)       | Female                                     | 43         | 38.4       | 112        | (81.1-150.9)  |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hull

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 18         | 12.4       | 145        | (85.9-229.1)  | Male                                       | 12         | 8.5        | 141.7      | (73.1-247.5)  |
| Female  | 6          | 4.3        | 138.1      | (50.4-300.7)  | Female                                     | 11         | 6.8        | 162.2      | (80.9-290.2)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 3          | 2.5        | nc         | (nc-nc)       | Male                                       | 3          | 2.3        | nc         | (nc-nc)       |
| Female  | 4          | 2          | nc         | (nc-nc)       | Female                                     | 4          | 1.8        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 1          | 0.4        | nc         | (nc-nc)       | Male                                       | 8          | 7.3        | 109.4      | (47.1-215.6)  |
| Female  | 56         | 52.7       | 106.4      | (80.3-138.1)  | Female                                     | 13         | 5.9        | 218.7      | (116.3-374)   |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 3          | 1.9        | nc         | (nc-nc)       | Male                                       | 5          | 6          | 83.6       | (26.9-195.1)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 12         | 14.5       | 82.7       | (42.7-144.5)  | Female                                     | 3          | 4.7        | nc         | (nc-nc)       |
| Female  | 14         | 13.6       | 103        | (56.3-172.9)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 1          | 3.6        | nc         | (nc-nc)       | Male                                       | 57         | 52.3       | 108.9      | (82.5-141.1)  |
| Female  | 1          | 0.9        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 1          | 1          | nc         | (nc-nc)       | Male                                       | 2          | 1.5        | nc         | (nc-nc)       |
| Female  | 1          | 0.8        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 11         | 7.2        | 152.3      | (75.9-272.5)  | Female                                     | 9          | 12.5       | 71.7       | (32.7-136.2)  |
| Female  | 6          | 4.1        | 147.8      | (54-321.7)    | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Leukemia</u></b>                     |            |            |            |               |
| Male  | 3          | 2          | nc         | (nc-nc)       | Male                                       | 2          | 4.8        | nc         | (nc-nc)       |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | Female                                     | 4          | 3.4        | nc         | (nc-nc)       |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Lung and Bronchus</u></b>            |            |            |            |               |
| Male  | 13         | 4.3        | 304.1      | (161.8-520.1) | Male                                       | 32         | 23.5       | 136.2      | (93.2-192.3)  |
| Female  | 1          | 1.4        | nc         | (nc-nc)       | Female                                     | 34         | 23.8       | 142.6      | (98.8-199.3)  |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Huntington

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 5          | 2.2        | 224.9      | (72.5-524.9)  | Male                                       | 2          | 1.6        | nc         | (nc-nc)       |
| Female  | 0          | 0.7        | nc         | (nc-nc)       | Female                                     | 2          | 1.1        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 0          | 0.5        | nc         | (nc-nc)       | Male                                       | 0          | 0.4        | nc         | (nc-nc)       |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | Female                                     | 0          | 0.3        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 1          | 0.1        | nc         | (nc-nc)       | Male                                       | 2          | 1.4        | nc         | (nc-nc)       |
| Female  | 9          | 8.6        | 104.7      | (47.8-198.7)  | Female                                     | 1          | 1          | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 2          | 1.2        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 2          | 2.7        | nc         | (nc-nc)       | Female                                     | 1          | 0.8        | nc         | (nc-nc)       |
| Female  | 3          | 2.3        | nc         | (nc-nc)       | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 0          | 0.8        | nc         | (nc-nc)       |
| Male  | 0          | 0.7        | nc         | (nc-nc)       | Female                                     | 0          | 0.7        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 6          | 9.6        | 62.3       | (22.7-135.5)  |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 1          | 0.6        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 0          | 0.3        | nc         | (nc-nc)       |
| Male  | 1          | 1.4        | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 1          | 0.7        | nc         | (nc-nc)       | Male                                       | 0          | 0.3        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 0          | 0.4        | nc         | (nc-nc)       | Male                                       | 0          | 0.6        | nc         | (nc-nc)       |
| Female  | 0          | 0.1        | nc         | (nc-nc)       | Female                                     | 2          | 1.7        | nc         | (nc-nc)       |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 2          | 0.9        | nc         | (nc-nc)       | Female                                     | 2          | 2          | nc         | (nc-nc)       |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 34         | 32.8       | 103.8      | (71.9-145.1)  |
| Male  | 1          | 0.8        | nc         | (nc-nc)       | Female                                     | 26         | 28.2       | 92.1       | (60.2-135)    |
| Female  | 1          | 0.2        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 5          | 4.2        | 119.7      | (38.6-279.4)  |  |            |            |            |               |
| Female  | 4          | 3.7        | nc         | (nc-nc)       |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Ipswich

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 21         | 16.7       | 125.7      | (77.8-192.1)  | Male                                       | 17         | 10.9       | 156.4      | (91-250.4)    |
| Female  | 6          | 6.5        | 91.9       | (33.6-200.1)  | Female                                     | 11         | 8.8        | 125.3      | (62.5-224.3)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 5          | 3.1        | 161.1      | (51.9-376)    | Male                                       | 3          | 3.1        | nc         | (nc-nc)       |
| Female  | 2          | 2.7        | nc         | (nc-nc)       | Female                                     | 1          | 2.6        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 1          | 0.5        | nc         | (nc-nc)       | Male                                       | 8          | 9.5        | 84.3       | (36.3-166.1)  |
| Female  | 79         | 67.3       | 117.3      | (92.9-146.2)  | Female                                     | 10         | 8.3        | 119.8      | (57.3-220.3)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 2.3        | nc         | (nc-nc)       | Male                                       | 11         | 7.4        | 148.4      | (74-265.5)    |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 13         | 19         | 68.4       | (36.4-117)    | Female                                     | 9          | 6.1        | 146.8      | (67-278.7)    |
| Female  | 16         | 20.6       | 77.6       | (44.3-126.1)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 3          | 4.6        | nc         | (nc-nc)       | Male                                       | 80         | 65.1       | 122.9      | (97.5-153)    |
| Female  | 1          | 1.3        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 0          | 1.2        | nc         | (nc-nc)       | Male                                       | 3          | 4          | nc         | (nc-nc)       |
| Female  | 2          | 1          | nc         | (nc-nc)       | Female                                     | 4          | 2.5        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 8          | 9.1        | 88.3       | (38-174)      | Male                                       | 4          | 3.9        | nc         | (nc-nc)       |
| Female  | 3          | 5.4        | nc         | (nc-nc)       | Female                                     | 9          | 11.5       | 78.4       | (35.8-148.9)  |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 3          | 2.5        | nc         | (nc-nc)       | Female                                     | 20         | 15.5       | 128.7      | (78.6-198.8)  |
| Female  | 0          | 0.8        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Female</u></b>                       |            |            |            |               |
| Male  | 7          | 6.3        | 110.8      | (44.4-228.3)  | Male                                       | 254        | 227.1      | 111.9      | (98.5-126.5)  |
| Female  | 9          | 4.9        | 182.6      | (83.3-346.7)  | Female                                     | 242        | 231.6      | 104.5      | (91.7-118.5)  |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               |  |            |            |            |               |
| Male  | 3          | 5.4        | nc         | (nc-nc)       |  |            |            |            |               |
| Female  | 6          | 1.9        | 315.5      | (115.2-686.7) |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 29         | 30.8       | 94         | (63-135)      |  |            |            |            |               |
| Female  | 23         | 33.3       | 69.2       | (43.8-103.8)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Kingston

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 10         | 13.7       | 72.8       | (34.8-133.8)  | Male                                       | 11         | 9          | 122.7      | (61.2-219.6)  |
| Female  | 9          | 5.4        | 167.4      | (76.4-317.7)  | Female                                     | 11         | 7.4        | 148.3      | (73.9-265.4)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 2          | 2.7        | nc         | (nc-nc)       | Male                                       | 0          | 2.5        | nc         | (nc-nc)       |
| Female  | 3          | 2.3        | nc         | (nc-nc)       | Female                                     | 2          | 2.1        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.4        | nc         | (nc-nc)       | Male                                       | 6          | 7.9        | 75.9       | (27.7-165.1)  |
| Female  | 68         | 55.1       | 123.5      | (95.9-156.6)  | Female                                     | 6          | 6.9        | 86.9       | (31.7-189)    |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 2          | 2          | nc         | (nc-nc)       | Male                                       | 8          | 6          | 133.9      | (57.7-263.9)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 13         | 15.7       | 82.9       | (44.1-141.7)  | Female                                     | 2          | 5          | nc         | (nc-nc)       |
| Female  | 20         | 17.2       | 116.2      | (71-179.5)    | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 13         | 4.5        | 287.3      | (152.8-491.3) |
| Male  | 2          | 3.7        | nc         | (nc-nc)       | Female                                     | 9          | 5.2        | 172        | (78.5-326.4)  |
| Female  | 2          | 1.1        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 49         | 51.1       | 95.8       | (70.9-126.7)  |
| Male  | 0          | 1.1        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.9        | nc         | (nc-nc)       | Male                                       | 6          | 3.3        | 183.4      | (67-399.1)    |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 2          | 2.1        | nc         | (nc-nc)       |
| Male  | 7          | 7.4        | 94.8       | (38-195.3)    | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 5          | 4.4        | 113.3      | (36.5-264.4)  | Male                                       | 1          | 1.7        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 1          | 2          | nc         | (nc-nc)       | Male                                       | 2          | 3.3        | nc         | (nc-nc)       |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | Female                                     | 13         | 10.1       | 129.2      | (68.7-221)    |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 8          | 5.4        | 149.3      | (64.3-294.1)  | Female                                     | 16         | 12.3       | 129.7      | (74.1-210.7)  |
| Female  | 8          | 4.2        | 188.7      | (81.3-371.9)  | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 182        | 184.7      | 98.6       | (84.8-114)    |
| Male  | 2          | 4.3        | nc         | (nc-nc)       | Female                                     | 220        | 191        | 115.2      | (100.4-131.4) |
| Female  | 1          | 1.5        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 27         | 25         | 108.1      | (71.2-157.3)  |  |            |            |            |               |
| Female  | 22         | 26.7       | 82.3       | (51.5-124.6)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Lakeville

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 12         | 10.7       | 112.4      | (58-196.3)    | Male                                       | 7          | 7.4        | 95.1       | (38.1-195.9)  |
| Female  | 4          | 3.8        | nc         | (nc-nc)       | Female                                     | 6          | 5.8        | 102.6      | (37.5-223.4)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 4          | 2.3        | nc         | (nc-nc)       | Male                                       | 1          | 2          | nc         | (nc-nc)       |
| Female  | 1          | 1.8        | nc         | (nc-nc)       | Female                                     | 1          | 1.6        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 7          | 6.4        | 108.6      | (43.5-223.9)  |
| Female  | 49         | 44         | 111.3      | (82.3-147.1)  | Female                                     | 5          | 5.1        | 97.3       | (31.4-227.1)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 1.6        | nc         | (nc-nc)       | Male                                       | 7          | 5.2        | 135.4      | (54.3-279)    |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 17         | 12.6       | 134.6      | (78.4-215.5)  | Female                                     | 3          | 3.9        | nc         | (nc-nc)       |
| Female  | 11         | 12.3       | 89.4       | (44.6-159.9)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 3          | 3.6        | nc         | (nc-nc)       |
| Male  | 2          | 3.1        | nc         | (nc-nc)       | Female                                     | 7          | 3.7        | 190.6      | (76.4-392.7)  |
| Female  | 0          | 0.8        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 46         | 43.8       | 105        | (76.9-140.1)  |
| Male  | 2          | 0.9        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.7        | nc         | (nc-nc)       | Male                                       | 5          | 2.6        | 190.8      | (61.5-445.2)  |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 1          | 1.5        | nc         | (nc-nc)       |
| Male  | 5          | 6.3        | 79.7       | (25.7-186.1)  | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 5          | 3.4        | 147        | (47.4-343.1)  | Male                                       | 3          | 1.5        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 0          | 1.7        | nc         | (nc-nc)       | Male                                       | 4          | 2.9        | nc         | (nc-nc)       |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | Female                                     | 10         | 8.5        | 117.3      | (56.2-215.8)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 3          | 4.3        | nc         | (nc-nc)       | Female                                     | 12         | 10         | 120.6      | (62.2-210.7)  |
| Female  | 2          | 3.1        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 158        | 152.2      | 103.8      | (88.2-121.3)  |
| Male  | 2          | 3.7        | nc         | (nc-nc)       | Female                                     | 150        | 146.5      | 102.4      | (86.6-120.1)  |
| Female  | 1          | 1.2        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 17         | 20         | 85.2       | (49.6-136.4)  |  |            |            |            |               |
| Female  | 19         | 19.8       | 96.2       | (57.9-150.2)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Lancaster

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 11         | 6.6        | 166.6      | (83.1-298.2)  | Male                                       | 6          | 4.9        | 122.8      | (44.8-267.2)  |
| Female  | 5          | 2.4        | 212.1      | (68.3-494.9)  | Female                                     | 3          | 3.5        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 1          | 1.6        | nc         | (nc-nc)       | Male                                       | 2          | 1.3        | nc         | (nc-nc)       |
| Female  | 2          | 1.1        | nc         | (nc-nc)       | Female                                     | 1          | 1          | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.2        | nc         | (nc-nc)       | Male                                       | 6          | 4.3        | 139.3      | (50.9-303.2)  |
| Female  | 30         | 26         | 115.2      | (77.7-164.4)  | Female                                     | 3          | 3.1        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 2          | 1          | nc         | (nc-nc)       | Male                                       | 2          | 3.4        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 4          | 8.1        | nc         | (nc-nc)       | Female                                     | 2          | 2.4        | nc         | (nc-nc)       |
| Female  | 4          | 7.5        | nc         | (nc-nc)       | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 0          | 1.9        | nc         | (nc-nc)       | Male                                       | 39         | 26.8       | 145.4      | (103.4-198.8) |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 0          | 0.8        | nc         | (nc-nc)       | Male                                       | 3          | 1.6        | nc         | (nc-nc)       |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 5          | 4.1        | 121.8      | (39.3-284.3)  | Female                                     | 5          | 6          | 84         | (27.1-196.1)  |
| Female  | 4          | 2          | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Leukemia</u></b>                     |            |            |            |               |
| Male  | 4          | 1.1        | nc         | (nc-nc)       | Male                                       | 2          | 2.8        | nc         | (nc-nc)       |
| Female  | 0          | 0.3        | nc         | (nc-nc)       | Female                                     | 4          | 1.9        | nc         | (nc-nc)       |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Lung and Bronchus</u></b>            |            |            |            |               |
| Male  | 3          | 2.3        | nc         | (nc-nc)       | Male                                       | 10         | 12.3       | 81.5       | (39-149.9)    |
| Female  | 2          | 0.7        | nc         | (nc-nc)       | Female                                     | 12         | 12.1       | 99.1       | (51.2-173.2)  |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Lanesborough

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 4          | 3.8        | nc         | (nc-nc)       | Male                                       | 4          | 2.5        | nc         | (nc-nc)       |
| Female  | 1          | 1.2        | nc         | (nc-nc)       | Female                                     | 3          | 1.8        | nc         | (nc-nc)       |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 1          | 0.7        | nc         | (nc-nc)       | Male                                       | 1          | 0.7        | nc         | (nc-nc)       |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | Female                                     | 0          | 0.5        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.1        | nc         | (nc-nc)       | Male                                       | 1          | 2.2        | nc         | (nc-nc)       |
| Female  | 10         | 13.7       | 73.1       | (35-134.4)    | Female                                     | 2          | 1.6        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 0.5        | nc         | (nc-nc)       | Male                                       | 1          | 1.8        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 4          | 4.4        | nc         | (nc-nc)       | Female                                     | 1          | 1.2        | nc         | (nc-nc)       |
| Female  | 1          | 3.7        | nc         | (nc-nc)       | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 1          | 1.3        | nc         | (nc-nc)       |
| Male  | 2          | 1.1        | nc         | (nc-nc)       | Female                                     | 1          | 1.1        | nc         | (nc-nc)       |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 14         | 15.4       | 90.8       | (49.6-152.3)  |
| Male  | 1          | 0.3        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 1          | 0.2        | nc         | (nc-nc)       | Male                                       | 0          | 0.9        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 1          | 0.5        | nc         | (nc-nc)       |
| Male  | 2          | 2.1        | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 1          | 1.1        | nc         | (nc-nc)       | Male                                       | 1          | 0.4        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 1          | 0.6        | nc         | (nc-nc)       | Male                                       | 1          | 0.9        | nc         | (nc-nc)       |
| Female  | 0          | 0.2        | nc         | (nc-nc)       | Female                                     | 0          | 2.5        | nc         | (nc-nc)       |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 0          | 1.5        | nc         | (nc-nc)       | Female                                     | 1          | 3.2        | nc         | (nc-nc)       |
| Female  | 2          | 0.9        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 45         | 53.1       | 84.8       | (61.9-113.5)  |
| Male  | 0          | 1.3        | nc         | (nc-nc)       | Female                                     | 36         | 45.4       | 79.3       | (55.5-109.8)  |
| Female  | 0          | 0.4        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 5          | 7.1        | 70         | (22.6-163.4)  |  |            |            |            |               |
| Female  | 5          | 6.3        | 79.1       | (25.5-184.6)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Lawrence

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 43         | 52.5       | 82         | (59.3-110.4)  | Male                                       | 14         | 37.1       | 37.7       | (20.6-63.2)   |
| Female  | 11         | 20.8       | 53         | (26.4-94.8)   | Female                                     | 12         | 34.8       | 34.5       | (17.8-60.2)   |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 11         | 13.2       | 83.2       | (41.5-148.9)  | Male                                       | 10         | 9.7        | 103.1      | (49.4-189.6)  |
| Female  | 9          | 11.5       | 78         | (35.6-148.1)  | Female                                     | 13         | 8.4        | 154.4      | (82.1-264)    |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 1          | 1.7        | nc         | (nc-nc)       | Male                                       | 25         | 33.3       | 75.1       | (48.6-110.8)  |
| Female  | 180        | 238.3      | 75.5       | (64.9-87.4)   | Female                                     | 26         | 28.8       | 90.3       | (59-132.3)    |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 14         | 9.9        | 141.1      | (77.1-236.7)  | Male                                       | 24         | 24.6       | 97.4       | (62.4-145)    |
| Female  | 14         | 9.9        | 141.1      | (77.1-236.7)  | Female                                     | 14         | 11.5       | 121.4      | (66.3-203.7)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 68         | 62.1       | 109.5      | (85-138.8)    | Female                                     | 15         | 21.6       | 69.4       | (38.8-114.5)  |
| Female  | 63         | 67.4       | 93.5       | (71.8-119.6)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 20         | 17.5       | 114.6      | (69.9-176.9)  |
| Male  | 10         | 14.4       | 69.5       | (33.3-127.8)  | Female                                     | 16         | 20         | 79.9       | (45.6-129.7)  |
| Female  | 8          | 4.2        | 191.8      | (82.6-377.9)  | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 242        | 199.4      | 121.3      | (106.5-137.6) |
| Male  | 3          | 6.6        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 6          | 5.6        | 106.4      | (38.9-231.7)  | Male                                       | 24         | 12.8       | 186.9      | (119.7-278.1) |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 6          | 8.2        | 72.8       | (26.6-158.5)  |
| Male  | 21         | 30.6       | 68.6       | (42.5-104.9)  | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 12         | 18.8       | 63.9       | (33-111.6)    | Male                                       | 10         | 12.1       | 82.9       | (39.7-152.5)  |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 14         | 7.9        | 176.6      | (96.4-296.2)  | Male                                       | 15         | 15.4       | 97.6       | (54.6-160.9)  |
| Female  | 3          | 2.7        | nc         | (nc-nc)       | Female                                     | 53         | 54.1       | 97.9       | (73.3-128.1)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 20         | 23.6       | 84.6       | (51.7-130.7)  | Female                                     | 44         | 53.1       | 82.9       | (60.2-111.2)  |
| Female  | 19         | 19.2       | 99.1       | (59.7-154.8)  | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 748        | 745.3      | 100.4      | (93.3-107.8)  |
| Male  | 30         | 17.4       | 172.9      | (116.6-246.8) | Female                                     | 683        | 816        | 83.7       | (77.5-90.2)   |
| Female  | 10         | 6.3        | 158.8      | (76-292)      |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 92         | 95.3       | 96.5       | (77.8-118.4)  |  |            |            |            |               |
| Female  | 92         | 106.8      | 86.2       | (69.5-105.7)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Lee

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 16         | 8          | 199.9      | (114.2-324.6) | Male                                       | 6          | 5.1        | 118.5      | (43.3-258)    |
| Female  | 1          | 2.9        | nc         | (nc-nc)       | Female                                     | 9          | 3.8        | 234.9      | (107.2-445.9) |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 2          | 1.4        | nc         | (nc-nc)       | Male                                       | 0          | 1.4        | nc         | (nc-nc)       |
| Female  | 4          | 1.2        | nc         | (nc-nc)       | Female                                     | 0          | 1.2        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 4          | 4.4        | nc         | (nc-nc)       |
| Female  | 21         | 28.9       | 72.8       | (45-111.2)    | Female                                     | 3          | 3.7        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 1          | 1          | nc         | (nc-nc)       | Male                                       | 0          | 3.3        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 8          | 8.8        | 90.6       | (39-178.4)    | Female                                     | 0          | 2.7        | nc         | (nc-nc)       |
| Female  | 8          | 9          | 88.9       | (38.3-175.1)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 1          | 2.6        | nc         | (nc-nc)       |
| Male  | 5          | 2.1        | 234.1      | (75.5-546.4)  | Female                                     | 0          | 2.8        | nc         | (nc-nc)       |
| Female  | 0          | 0.6        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 33         | 29.9       | 110.4      | (76-155.1)    |
| Male  | 0          | 0.6        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | Male                                       | 2          | 1.9        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 3          | 1.1        | nc         | (nc-nc)       |
| Male  | 3          | 4.1        | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 2          | 2.4        | nc         | (nc-nc)       | Male                                       | 1          | 0.9        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 3          | 1.2        | nc         | (nc-nc)       | Male                                       | 3          | 1.7        | nc         | (nc-nc)       |
| Female  | 2          | 0.4        | nc         | (nc-nc)       | Female                                     | 7          | 5          | 140.9      | (56.4-290.2)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 2          | 3          | nc         | (nc-nc)       | Female                                     | 1          | 6.7        | nc         | (nc-nc)       |
| Female  | 0          | 2.2        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 117        | 105.7      | 110.7      | (91.6-132.7)  |
| Male  | 2          | 2.4        | nc         | (nc-nc)       | Female                                     | 84         | 100.9      | 83.3       | (66.4-103.1)  |
| Female  | 2          | 0.8        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 19         | 14.7       | 129.6      | (78-202.4)    |  |            |            |            |               |
| Female  | 13         | 14.8       | 88         | (46.8-150.5)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Leicester

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 10         | 11.1       | 90.5       | (43.3-166.4)  | Male                                       | 10         | 7.5        | 134        | (64.1-246.4)  |
| Female  | 3          | 4          | nc         | (nc-nc)       | Female                                     | 7          | 6          | 117        | (46.9-241)    |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 3          | 2.3        | nc         | (nc-nc)       | Male                                       | 2          | 2          | nc         | (nc-nc)       |
| Female  | 1          | 1.9        | nc         | (nc-nc)       | Female                                     | 0          | 1.6        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 1          | 0.4        | nc         | (nc-nc)       | Male                                       | 5          | 6.6        | 76.1       | (24.5-177.6)  |
| Female  | 50         | 44         | 113.5      | (84.3-149.7)  | Female                                     | 3          | 5.3        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 3          | 1.6        | nc         | (nc-nc)       | Male                                       | 3          | 5.1        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 10         | 12.9       | 77.7       | (37.2-142.9)  | Female                                     | 3          | 4          | nc         | (nc-nc)       |
| Female  | 11         | 12.7       | 86.5       | (43.1-154.8)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 2          | 3.7        | nc         | (nc-nc)       |
| Male  | 4          | 3.1        | nc         | (nc-nc)       | Female                                     | 7          | 3.9        | 181.8      | (72.8-374.5)  |
| Female  | 0          | 0.8        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 34         | 43.1       | 78.9       | (54.6-110.2)  |
| Male  | 1          | 1          | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 1          | 0.8        | nc         | (nc-nc)       | Male                                       | 1          | 2.7        | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 0          | 1.6        | nc         | (nc-nc)       |
| Male  | 6          | 6.2        | 96.4       | (35.2-209.9)  | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 3          | 3.5        | nc         | (nc-nc)       | Male                                       | 3          | 1.6        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 0          | 1.7        | nc         | (nc-nc)       | Male                                       | 1          | 2.8        | nc         | (nc-nc)       |
| Female  | 0          | 0.5        | nc         | (nc-nc)       | Female                                     | 3          | 8.6        | nc         | (nc-nc)       |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 4          | 4.4        | nc         | (nc-nc)       | Female                                     | 14         | 10         | 139.8      | (76.3-234.5)  |
| Female  | 2          | 3.2        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 142        | 153.4      | 92.5       | (77.9-109.1)  |
| Male  | 1          | 3.7        | nc         | (nc-nc)       | Female                                     | 153        | 149.8      | 102.1      | (86.6-119.7)  |
| Female  | 0          | 1.2        | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 29         | 20.3       | 142.6      | (95.5-204.8)  |  |            |            |            |               |
| Female  | 31         | 20.8       | 148.9      | (101.1-211.3) |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Lenox

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 14         | 9.1        | 153.7      | (84-258)      | Male                                       | 9          | 5.2        | 174        | (79.4-330.3)  |
| Female  | 1          | 3.9        | nc         | (nc-nc)       | Female                                     | 7          | 4.3        | 164.7      | (66-339.3)    |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 0          | 1.3        | nc         | (nc-nc)       | Male                                       | 1          | 1.5        | nc         | (nc-nc)       |
| Female  | 3          | 1.3        | nc         | (nc-nc)       | Female                                     | 1          | 1.5        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 0.3        | nc         | (nc-nc)       | Male                                       | 0          | 4.6        | nc         | (nc-nc)       |
| Female  | 34         | 31.7       | 107.3      | (74.3-150)    | Female                                     | 2          | 4.6        | nc         | (nc-nc)       |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 3          | 0.9        | nc         | (nc-nc)       | Male                                       | 1          | 3.2        | nc         | (nc-nc)       |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 16         | 9.7        | 165.5      | (94.6-268.8)  | Female                                     | 3          | 3.1        | nc         | (nc-nc)       |
| Female  | 15         | 12.4       | 121.1      | (67.7-199.7)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | Male                                       | 2          | 2.9        | nc         | (nc-nc)       |
| Male  | 3          | 2.2        | nc         | (nc-nc)       | Female                                     | 5          | 3.9        | 128.7      | (41.5-300.3)  |
| Female  | 1          | 0.8        | nc         | (nc-nc)       | <b><u>Prostate</u></b>                     |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | Male                                       | 30         | 29         | 103.5      | (69.8-147.8)  |
| Male  | 1          | 0.4        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | Male                                       | 1          | 2          | nc         | (nc-nc)       |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | Female                                     | 0          | 1.6        | nc         | (nc-nc)       |
| Male  | 2          | 4          | nc         | (nc-nc)       | <b><u>Testis</u></b>                       |            |            |            |               |
| Female  | 3          | 2.7        | nc         | (nc-nc)       | Male                                       | 1          | 0.6        | nc         | (nc-nc)       |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Thyroid</u></b>                      |            |            |            |               |
| Male  | 1          | 1.2        | nc         | (nc-nc)       | Male                                       | 1          | 1.5        | nc         | (nc-nc)       |
| Female  | 0          | 0.4        | nc         | (nc-nc)       | Female                                     | 6          | 4.4        | 135.2      | (49.4-294.3)  |
| <b><u>Leukemia</u></b>                          |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 7          | 3.2        | 218.1      | (87.4-449.4)  | Female                                     | 11         | 7.2        | 153.5      | (76.5-274.7)  |
| Female  | 3          | 2.8        | nc         | (nc-nc)       | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | Male                                       | 106        | 108.8      | 97.4       | (79.7-117.8)  |
| Male  | 0          | 2.4        | nc         | (nc-nc)       | Female                                     | 127        | 119.2      | 106.5      | (88.8-126.7)  |
| Female  | 3          | 1          | nc         | (nc-nc)       |  |            |            |            |               |
| <b><u>Lung and Bronchus</u></b>                 |            |            |            |               |  |            |            |            |               |
| Male  | 10         | 15.7       | 63.9       | (30.6-117.5)  |  |            |            |            |               |
| Female  | 16         | 17.9       | 89.5       | (51.1-145.3)  |  |            |            |            |               |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Leominster

## Observed and Expected Case Counts, with Standardized Incidence Ratios, 2007-2011

|   | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |  | <u>Obs</u> | <u>Exp</u> | <u>SIR</u> | <u>95% CI</u> |
|---|------------|------------|------------|---------------|--|------------|------------|------------|---------------|
| <b><u>Bladder, Urinary</u></b>                  |            |            |            |               | <b><u>Melanoma of Skin</u></b>             |            |            |            |               |
| Male  | 49         | 42         | 116.7      | (86.3-154.2)  | Male                                       | 21         | 27.9       | 75.2       | (46.5-114.9)  |
| Female  | 22         | 16.3       | 135.1      | (84.7-204.6)  | Female                                     | 22         | 23.5       | 93.6       | (58.6-141.7)  |
| <b><u>Brain and Other Nervous System</u></b>    |            |            |            |               | <b><u>Multiple Myeloma</u></b>             |            |            |            |               |
| Male  | 10         | 8.5        | 117.2      | (56.1-215.6)  | Male                                       | 9          | 7.6        | 117.8      | (53.8-223.6)  |
| Female  | 7          | 7.3        | 96.2       | (38.5-198.2)  | Female                                     | 4          | 6.5        | nc         | (nc-nc)       |
| <b><u>Breast</u></b>                            |            |            |            |               | <b><u>Non-Hodgkin Lymphoma</u></b>         |            |            |            |               |
| Male  | 0          | 1.3        | nc         | (nc-nc)       | Male                                       | 28         | 24.6       | 113.7      | (75.6-164.4)  |
| Female  | 159        | 170.8      | 93.1       | (79.2-108.7)  | Female                                     | 26         | 21.3       | 122.3      | (79.8-179.1)  |
| <b><u>Cervix Uteri</u></b>                      |            |            |            |               | <b><u>Oral Cavity &amp; Pharynx</u></b>    |            |            |            |               |
| Female  | 7          | 6.3        | 110.8      | (44.4-228.2)  | Male                                       | 15         | 18.6       | 80.7       | (45.2-133.2)  |
| <b><u>Colon / Rectum</u></b>                    |            |            |            |               | <b><u>Ovary</u></b>                        |            |            |            |               |
| Male  | 38         | 48.1       | 79         | (55.9-108.5)  | Female                                     | 22         | 15.6       | 141.3      | (88.5-214)    |
| Female  | 44         | 51.8       | 85         | (61.7-114.1)  | <b><u>Pancreas</u></b>                     |            |            |            |               |
| <b><u>Esophagus</u></b>                         |            |            |            |               | <b><u>Prostate</u></b>                     |            |            |            |               |
| Male  | 11         | 11.4       | 96.7       | (48.2-173)    | Male                                       | 150        | 158.1      | 94.9       | (80.3-111.4)  |
| Female  | 2          | 3.3        | nc         | (nc-nc)       | <b><u>Stomach</u></b>                      |            |            |            |               |
| <b><u>Hodgkin Lymphoma</u></b>                  |            |            |            |               | <b><u>Testis</u></b>                       |            |            |            |               |
| Male  | 4          | 3.7        | nc         | (nc-nc)       | Male                                       | 3          | 6.1        | nc         | (nc-nc)       |
| Female  | 5          | 3.1        | 162.6      | (52.4-379.4)  | <b><u>Thyroid</u></b>                      |            |            |            |               |
| <b><u>Kidney &amp; Renal Pelvis</u></b>         |            |            |            |               | <b><u>Uteri Corpus and Uterus, NOS</u></b> |            |            |            |               |
| Male  | 21         | 23         | 91.3       | (56.5-139.6)  | Female                                     | 39         | 38.6       | 101        | (71.8-138.1)  |
| Female  | 14         | 13.7       | 102.3      | (55.9-171.6)  | <b><u>All Sites / Types</u></b>            |            |            |            |               |
| <b><u>Larynx</u></b>                            |            |            |            |               | <b><u>Leukemia</u></b>                     |            |            |            |               |
| Male  | 8          | 6.3        | 127.9      | (55.1-252)    | Male                                       | 21         | 16.7       | 126        | (78-192.6)    |
| Female  | 2          | 2          | nc         | (nc-nc)       | Female                                     | 12         | 13         | 92.4       | (47.7-161.4)  |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |            |            |            |               | <b><u>Lung and Bronchus</u></b>            |            |            |            |               |
| Male  | 7          | 13.4       | 52.4       | (21-107.9)    | Male                                       | 92         | 76.7       | 119.9      | (96.7-147.1)  |
| Female  | 2          | 4.7        | nc         | (nc-nc)       | Female                                     | 71         | 82.6       | 85.9       | (67.1-108.4)  |

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- **Shading** indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;