

Table 2A
Cancer Incidence in Rockland, MA
Census Tract 5021
1982-1994

| 1982-1994 | Total | | | | | Male | | | | | Female | | | | |
|-------------------|-------|------|-----|-----------|--|------|------|-----|-----------|--|--------|------|-----|-----------|--|
| | Obs | Exp | SIR | 95 % CI | | Obs | Exp | SIR | 95 % CI | | Obs | Exp | SIR | 95 % CI | |
| Bladder | 16 | 17.9 | 89 | 51 -- 145 | | 14 | 13.0 | 107 | 59 -- 180 | | 2 | 4.9 | NC | NC | |
| Bone | 1 | 1.4 | NC | NC | | 1 | 0.8 | NC | NC | | 0 | 0.6 | NC | NC | |
| Brain | 9 | 7.6 | 118 | 54 -- 224 | | 5 | 4.2 | 120 | 39 -- 279 | | 4 | 3.4 | NC | NC | |
| Breast | 78 | 77.8 | 100 | 79 -- 125 | | 1 | 0.5 | NC | NC | | 77 | 77.2 | 100 | 79 -- 125 | |
| Hodgkin's Disease | 5 | 5.0 | 100 | 32 -- 234 | | 2 | 2.7 | NC | NC | | 3 | 2.3 | NC | NC | |
| Leukemia | 8 | 9.4 | 85 | 37 -- 167 | | 4 | 5.4 | NC | NC | | 4 | 4.1 | NC | NC | |
| Liver | 5 | 2.2 | 224 | 72 -- 522 | | 3 | 1.6 | NC | NC | | 2 | 0.6 | NC | NC | |
| Lung | 80 | 68.4 | 117 | 93 -- 146 | | 48 | 41.7 | 115 | 85 -- 153 | | 32 | 26.6 | 120 | 82 -- 170 | |
| Melanoma | 10 | 12.4 | 81 | 39 -- 148 | | 6 | 6.5 | 92 | 34 -- 200 | | 4 | 5.9 | NC | NC | |
| NHL | 15 | 16.4 | 92 | 51 -- 151 | | 10 | 8.7 | 115 | 55 -- 211 | | 5 | 7.6 | 65 | 21 -- 153 | |
| Pancreas | 8 | 9.5 | 84 | 36 -- 166 | | 4 | 4.6 | NC | NC | | 4 | 4.9 | NC | NC | |

Notes:

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

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

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

Obs = Observed number of cases

Exp = Expected number of cases

SIR = Standardized Incidence Ratio

NC = Not Calculated

95% CI = 95% Confidence Interval

* Indicates statistical significance (P<.05)

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

Data analysis : Community Assessment Unit, Bureau of Environmental Health Assessment, Mass. Department of Public Health

Table 2B
Cancer Incidence in Rockland, MA
Census Tract 5021
1982-1986 and 1987-1994

| 1982-1986 | Total | | | | | Male | | | | | Female | | | |
|-------------------|-------|------|-----|-----------|--|------|------|-----|-----------|--|--------|------|-----|-----------|
| | Obs | Exp | SIR | 95 % CI | | Obs | Exp | SIR | 95 % CI | | Obs | Exp | SIR | 95 % CI |
| Bladder | 8 | 7.2 | 111 | 48 -- 219 | | 6 | 5.2 | 115 | 42 -- 251 | | 2 | 2.0 | NC | NC |
| Bone | 0 | 0.5 | NC | NC | | 0 | 0.3 | NC | NC | | 0 | 0.2 | NC | NC |
| Hodgkin's Disease | 3 | 2.7 | NC | NC | | 2 | 1.5 | NC | NC | | 1 | 1.2 | NC | NC |
| Breast | 32 | 26.5 | 121 | 83 -- 171 | | 1 | 0.2 | NC | NC | | 31 | 26.3 | 118 | 80 -- 167 |
| Hodgkin's Disease | 4 | 1.9 | NC | NC | | 1 | 1.0 | NC | NC | | 3 | 0.9 | NC | NC |
| Leukemia | 2 | 3.7 | NC | NC | | 2 | 2.0 | NC | NC | | 0 | 1.6 | NC | NC |
| Liver | 1 | 0.7 | NC | NC | | 0 | 0.5 | NC | NC | | 1 | 0.2 | NC | NC |
| Lung | 25 | 24.5 | 102 | 66 -- 151 | | 19 | 15.7 | 121 | 73 -- 189 | | 6 | 8.7 | 69 | 25 -- 149 |
| Melanoma | 6 | 4.3 | 138 | 50 -- 301 | | 2 | 2.2 | NC | NC | | 4 | 2.1 | NC | NC |
| NHL | 7 | 5.3 | 132 | 53 -- 273 | | 5 | 2.7 | 183 | 59 -- 427 | | 2 | 2.6 | NC | NC |
| Pancreas | 2 | 3.7 | NC | NC | | 1 | 1.8 | NC | NC | | 1 | 1.9 | NC | NC |

| 1987-1994 | Total | | | | | Male | | | | | Female | | | |
|-------------------|-------|------|-----|-----------|--|------|------|-----|-----------|--|--------|------|-----|-----------|
| | Obs | Exp | SIR | 95 % CI | | Obs | Exp | SIR | 95 % CI | | Obs | Exp | SIR | 95 % CI |
| Bladder | 8 | 10.7 | 75 | 32 -- 147 | | 8 | 7.8 | 102 | 44 -- 201 | | 0 | 2.9 | NC | NC |
| Bone | 1 | 0.9 | NC | NC | | 1 | 0.5 | NC | NC | | 0 | 0.4 | NC | NC |
| Brain | 6 | 5.0 | 121 | 44 -- 263 | | 3 | 2.7 | NC | NC | | 3 | 2.2 | NC | NC |
| Breast | 46 | 51.3 | 90 | 66 -- 120 | | 0 | 0.4 | NC | NC | | 46 | 50.9 | 90 | 66 -- 121 |
| Hodgkin's Disease | 1 | 3.1 | NC | NC | | 1 | 1.7 | NC | NC | | 0 | 1.5 | NC | NC |
| Leukemia | 6 | 5.8 | 104 | 38 -- 226 | | 2 | 3.3 | NC | NC | | 4 | 2.5 | NC | NC |
| Liver | 4 | 1.5 | NC | NC | | 3 | 1.1 | NC | NC | | 1 | 0.4 | NC | NC |
| Lung | 55 | 43.8 | 126 | 95 -- 164 | | 29 | 25.9 | 112 | 75 -- 161 | | 26 | 17.9 | 146 | 95 -- 213 |
| Melanoma | 4 | 8.1 | NC | NC | | 4 | 4.3 | NC | NC | | 0 | 3.8 | NC | NC |
| NHL | 8 | 11.1 | 72 | 31 -- 142 | | 5 | 6.0 | 84 | 27 -- 196 | | 3 | 5.1 | NC | NC |
| Pancreas | 6 | 5.8 | 104 | 38 -- 226 | | 3 | 2.8 | NC | NC | | 3 | 2.9 | NC | NC |

Notes:

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

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

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

Obs = Observed number of cases

Exp = Expected number of cases

SIR = Standardized Incidence Ratio

NC = Not Calculated

95% CI = 95% Confidence Interval

* Indicates statistical significance (P<.05)

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

Data analysis : Community Assessment Unit, Bureau of Environmental Health Assessment, Mass. Department of Public Health