# The Increasing Cancer Burden: Manitoba Cancer Projections 1999 – 2025

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## SUMMARY

This report describes the initial methodology and results from the ongoing work on projecting cancer incidence and prevalence in Manitoba to the year 2025. The work is a part of a joint effort between CancerCare Manitoba and Manitoba Health. Data from CancerCare Manitoba's cancer registry and Manitoba Health's hospital and population registry files were used for the projections. For the population projections separate regression lines were calculated for fertility, mortality and migration for various age, sex and Aboriginal status categories for the years 1993-98. For mortality and migration the regression analysis was further broken down to those with and without cancer. Since the greatest instability in rates occurs for migration, population estimates were derived using four different migration scenarios. Linear regression was also used to summarize the trend in age-sex-site specific cancer incidence rates. The future number of incident and prevalent cancer cases were estimated by applying the projected cancer incidence rates to the projected population. For total cancers the results suggest that by the year 2025 the number of incident cases in Manitoba will increase by 45-54% and that prevalence will increase by 75-84%. It is estimated that approximately 5% of Manitobans will be living with cancer in 2025. The prevalence in those 80 years of age and over is projected to be approximately 25%. Of the sites examined, the largest increases will be for prostate cancer, with projected increases in incidence between 128-142% and prevalence between 174-187%. These preliminary results suggest the urgent need for a wide arching cancer control strategy that focuses not only on treatment, but also on prevention and early detection. They also serve as an indication to planners of health services of the ever increasing need for medical staff and facilities for treating the increasing number of cancer patients.

# 1. INTRODUCTION

Projections of cancer incidence and prevalence are a necessity for the purposes of planning future facility and manpower requirements for cancer treatment. They are also useful in examining the implications of current cancer control strategies and in formulating new policies and strategies. The number of future incident and prevalent cases is a result of a number of factors, including not only future cancer incidence rates and survival rates, but also the underlying growth and age distribution of the population.

The purpose of this report is to describe the model that has been developed by CancerCare Manitoba and Manitoba Health to project cancer incidence and prevalence in Manitoba and to provide projections to the year 2025 for all cancers and for each of the four major sites (lung, breast, prostate, and colorectal).

It should be noted that the projection model is 'work in progress'. As the model is revised, updated projections will be published.

# 2. METHODS

## 2.1 Definitions

**Incidence rate** - the number of new cancer cases among those who do not already have cancer. The rate is expressed as *new cases / population / year*.

**Prevalence** - the proportion (percent) of the population living with cancer at a given point in time. All people who had ever been diagnosed with cancer, regardless of how long ago, and who were alive and living in Manitoba were included in the prevalence estimate. Therefore, prevalent cases by this definition includes people in remission or cured of cancer.

**Mortality rate** - the number of deaths in the population. It is expressed as the number of *deaths / population / year*.

## 2.2 Cancer incidence trends and projections

For the years 1980-1998, age-sex-specific (ages 0-9, 10-19, …, 70-79, 80+) cancer incidence rates were determined for all cancers (International Classification of Diseases, 9th Revision, ICD-9 140-172,174-208), as well as for colorectal (ICD-9 153,154), lung (ICD-9 162), breast (ICD-9 174) and prostate (ICD-9 185) cancers. Excluded from the projections for total cancers were non-melanoma skin cancers (ICD-9 173), benign and in situ neoplasms, and those of uncertain behaviour or unspecified nature (ICD-9 210-239). The Manitoba Cancer Registry was used to determine the number of incident cancer cases. Statistics Canada's population estimates were used for the years 1980-83. The population data for the years 1984-1998 were derived from the Manitoba Health Population Registry (MHPR), a version of which is maintained by Manitoba Health's Epidemiology Unit. This registry contains information on all people covered by Manitoba's provincial health insurance plan (over 99% of the population). Six-monthly historical snapshots (June 30, December 31) of the MHPR are available from 1984.

For all cancers and for each of the four specific sites, linear regression was undertaken within each age and sex group in order to summarize the trend. The annual estimated age-sex-specific incidence rates from 1999 to 2025 were derived from the regression equations. This is demonstrated in Figure 1 which shows the observed total cancer rates for males aged 60-69 for 1980-98 and the estimated trends for all cancers to 2004.

For prostate cancer a similar procedure was followed, except only observed incidence rates for the years 1980-89, 1997 and 1998 were used to estimate the regression equation. This was done in order to exclude the abnormal change in incidence that was observed with the introduction of the prostate specific antigen (PSA) test (Figure 2).

It was decided to calculate age-sex-specific regression equations, as the observed trends were often different between age groups and between males and females. For example, within the 60-69 year age group the lung cancer incidence rates were decreasing for men (Figure 3) but increasing for women (Figure 4). In contrast, for women aged 40-49 the lung cancer incidence rates were decreasing (Figure 5). For any negative predicted rates, an incidence rate of zero was used.

**Figure 1.**
**Total cancer incidence rates, males, 60-69**

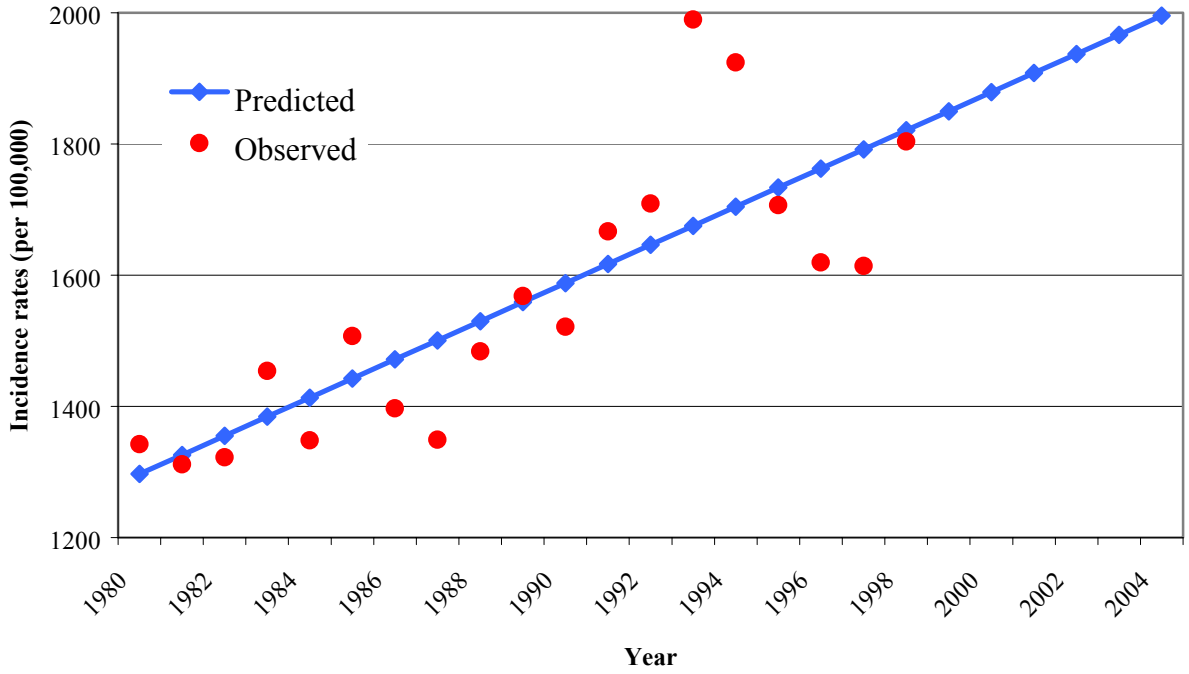



**Figure 2.**
**Prostate cancer incidence rates, males, 60-69**

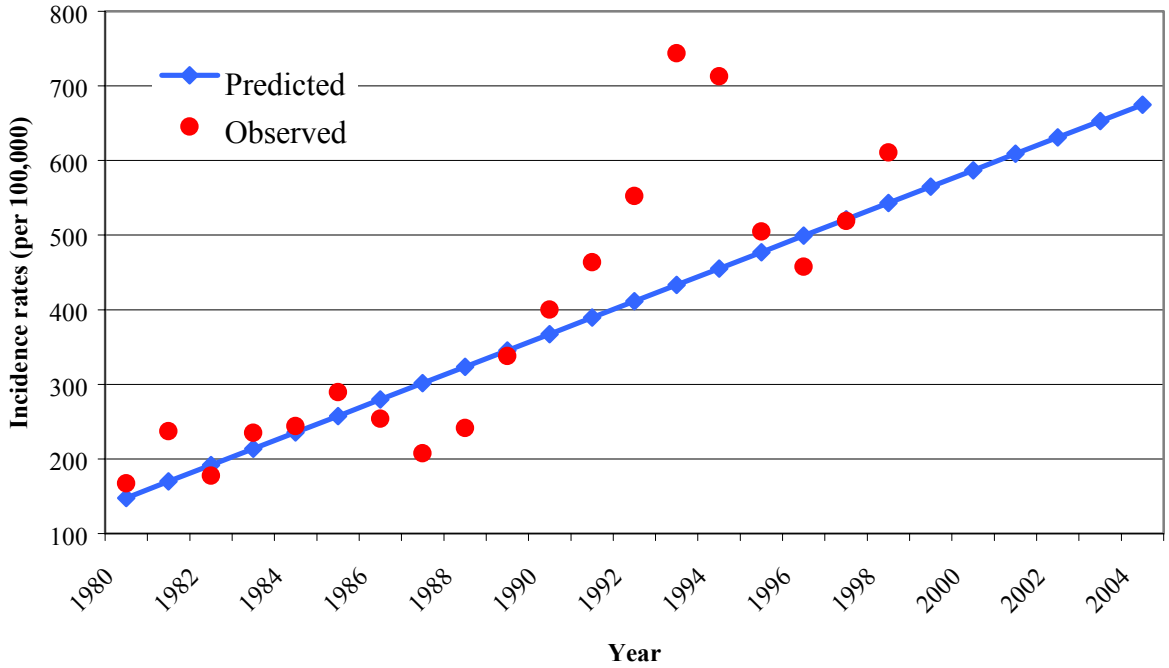


**Figure 3.**
**Lung cancer incidence rates, males, 60-69**

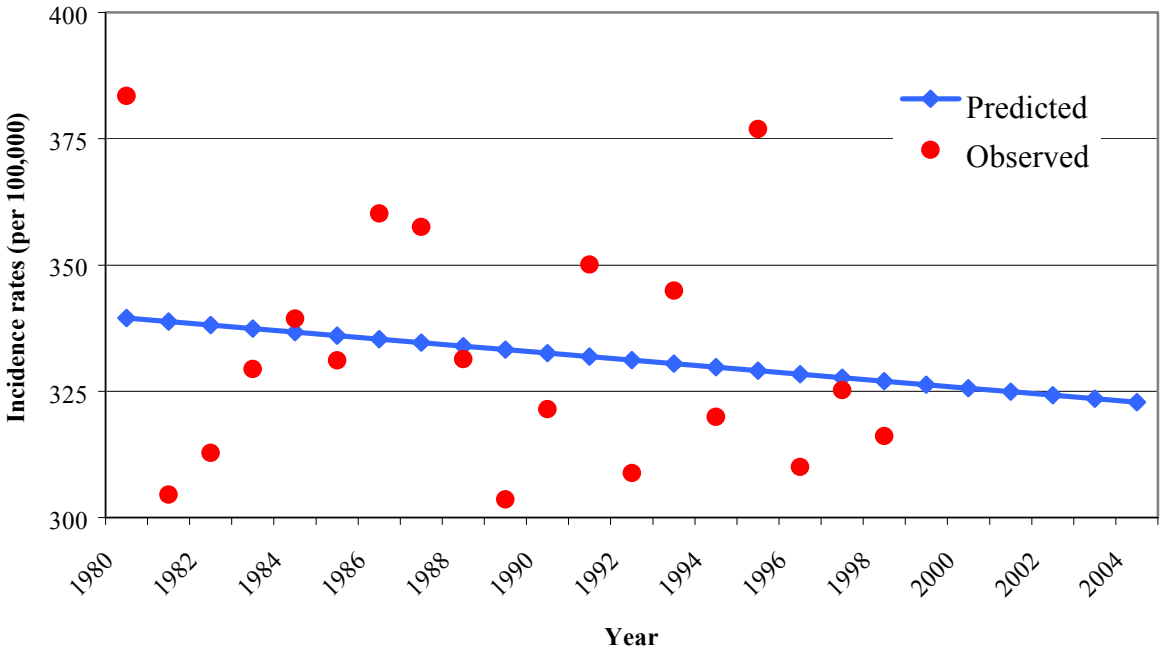



**Figure 4.**
**Lung cancer incidence rates, females, 60-69**

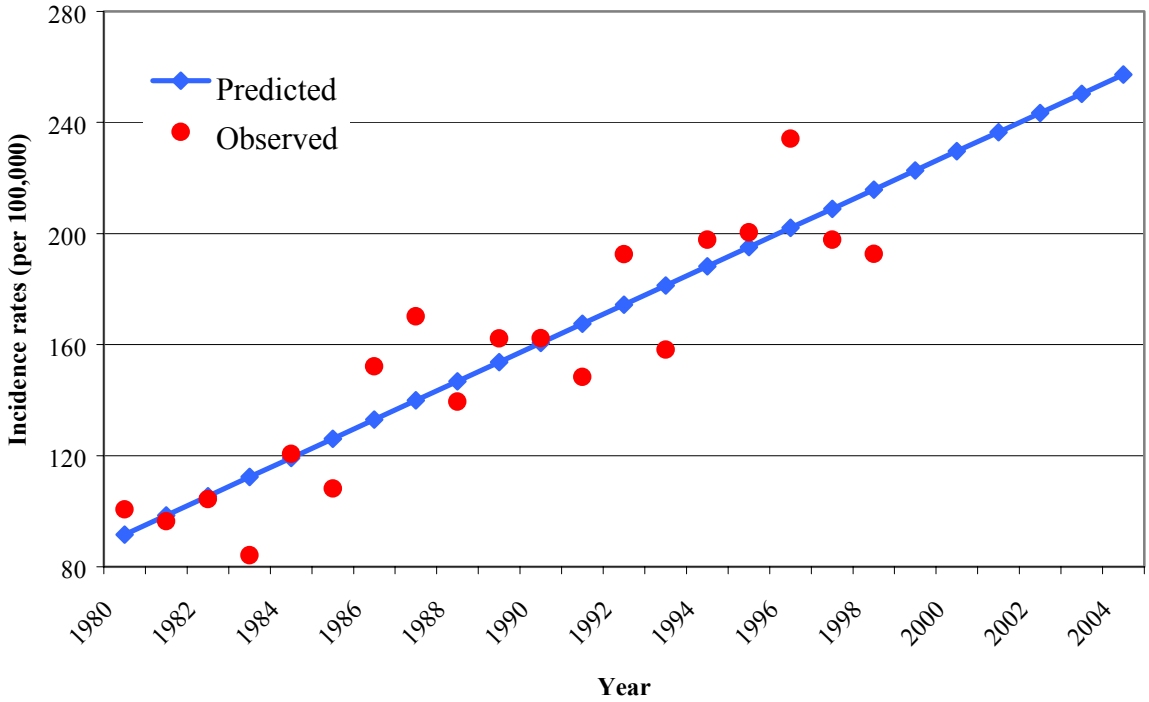
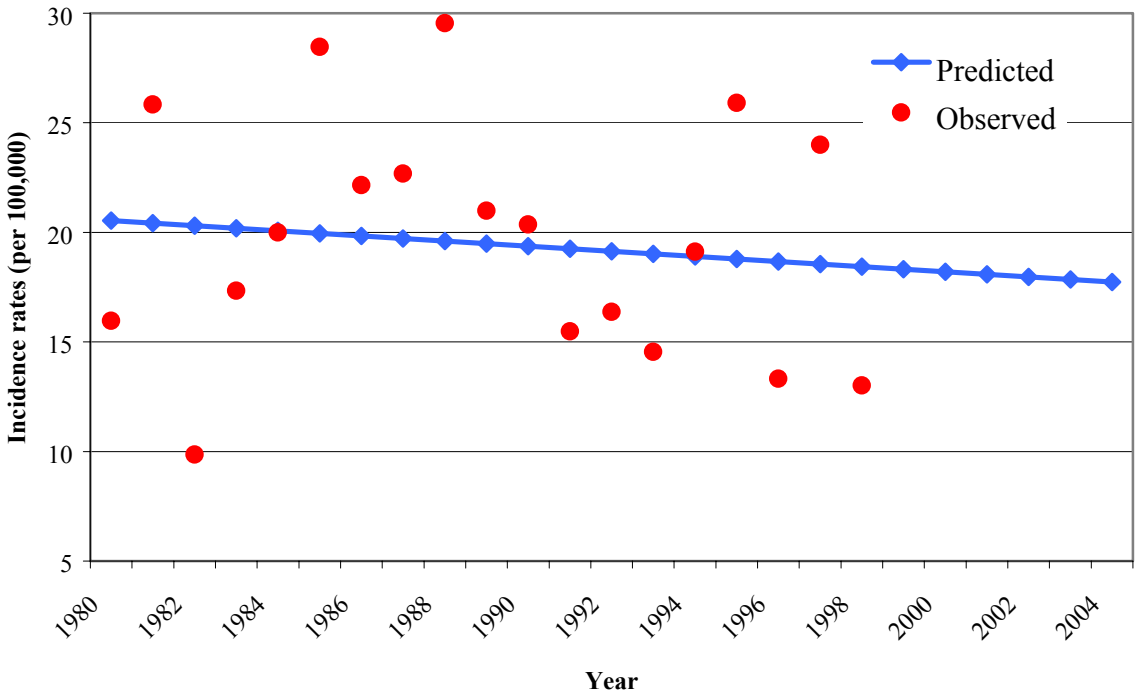


**Figure 5.**
**Lung cancer incidence rates, females, 40-49**




Due to the small number of cancer cases it was not possible to develop reliable age-sex-specific incidence rate projections for each of the Regional Health Authorities (RHAs). The assumption was made that the RHAs have the same trends in incidence rates as Manitoba as a whole. However, since the current incidence rates vary among the RHAs, we adjusted the projected Manitoba age-sex-site-specific incidence rates for each RHA. This adjustment consisted of multiplying the Manitoba projected age-sex-site-specific incidence rates by the ratio of the RHA to Manitoba age-standardized rates for the period 1984-98. These adjusted age-sex-site-specific incidence rates were then applied to the projected population data of each RHA in order to determine the number of new cancer cases for each site. As a result of this methodological approach, differences in future trends of cancer burden between RHAs reflect differences in the current cancer incidence and mortality rates and differences in the projected population structures. Thus, those RHAs that currently have higher overall cancer incidence and mortality rates are expected to have higher rates in the future.

### 2.3 Cancer prevalence

The MHPR, which covers virtually all Manitobans, includes information on when medical coverage was terminated, be that through out-migration or death. As such, it is possible to define the number of people living in Manitoba who at some point had been diagnosed with cancer. For the purposes of the prevalence calculations, all people who had ever had a diagnosis of cancer (ICD-9 140-172, 174-208) and who were alive as of December 31, were included in the estimates.

### 2.4 Population projections

The future size of Manitoba's population and its age-sex composition need to be estimated in order to project the number of new and prevalent cancer cases. Population growth is determined by three factors: fertility, mortality and migration. It is possible to determine estimates for each of these components using information held by Manitoba Health in their hospital discharge database and the MHPR. All births to Manitoba women, with the exception of approximately 200 per annum occurring out of hospital, are recorded in the hospital discharge records. The MHPR was used to determine the number of in- and out-migrants and deaths.

For each of the three components, separate regression equations were calculated for various population subgroups in order to summarize the trends in rates. The specific categories for which separate regression equations were estimated were:

**Fertility**: mother's age by Aboriginal status by RHA
**Mortality**: age by sex by Aboriginal status by cancer status
**Migration**: age by sex by Aboriginal status by cancer status

For fertility, mother's age was broken down into five-year categories, but restricted to ages 15-44. For mortality and migration age was broken down into ten-year categories (0-9, 10-19, …, 70-79, 80+). The assumption was made that within each of the age groups the rates were the same for each of the individual ages. Aboriginal status was determined using the A-codes which

depict Band number and are in the MHPR. By linking the cancer registry to the MHPR we were able to differentiate those people with and without cancer.

For fertility and mortality, regression equations were calculated based on the actual rates for the period 1993-98 and the assumption was made that the estimated rates for 1998 derived from the regression equations were constant from 1999 until 2025. Although for fertility separate regression equations were calculated for each RHA, for mortality the assumption was made that the Manitoba rates applied to each RHA.

For migration, a regression line was calculated based on only five years of data (1993-96, 1998). In 1997 Manitoba had a high net loss of people. We believe this was related to the major flood that Manitoba experienced that year and, as such, represented an abnormal year. Therefore, 1997 was excluded. In order to derive an estimate of migration for the RHAs, the projected Manitoba age-sex-Aboriginal status-cancer status rates were multiplied by the ratio of the RHA to Manitoba crude migration rates for the years 1993-96, 1998.

In Manitoba fertility and migration have the greatest impact on population growth. Since cancer tends to be a disease of the elderly, the fertility component will have little impact on cancer incidence or prevalence in the year 2025. Furthermore, the greatest instability in rates occurs for the migration component. We therefore concentrated on migration and derived population estimates based on four different migration scenarios.

1. **Current** trend: This model uses the 1998 migration estimates derived from the regression analysis of 1994-96, 1998 actual migration data.
2. **Low**: Assumes in-migration estimates from the 'Current' model are 3% lower and out-migration 3% higher.
3. **Medium**: Assumes in-migration estimates from the 'Current' model are 3% higher and out-migration 3% lower.
4. **High**: Assumes in-migration estimates from the 'Current' model are 5.5% higher and out-migration 5.5% lower.

These four migration scenarios were applied equally across each age, sex, Aboriginal status and cancer status group.

This population projection model is unique in that it takes into account Aboriginal status for all three components of population growth and cancer status for mortality and migration. Manitoba has a large Aboriginal population (approximately 100,000). They have substantially higher fertility and mortality rates than the non-Aboriginal population. Without this enhancement, the fertility and mortality rates in RHAs with a large Aboriginal population would be under-estimated. Although the MHPR identifies only approximately 65% of the Aboriginal population, it was felt that even this proportion provided a refinement of the population estimates.

The linked MHPR and Manitoba Cancer Registry allowed for separate estimates of mortality and migration among people with and without cancer. Mortality rates are higher among people with cancer, and there is a general belief that people with cancer migrate to larger communities in order to be closer to treatment facilities. Future versions of the model will take into account inter-RHA migration patterns.

The starting point for the population projection was the January 1, 1999 population, disaggregated by RHA, Aboriginal status, cancer status, age and sex. The projection for Manitoba as a whole excluded the RHA breakdown. The appropriate estimated fertility, mortality, migration and cancer incidence rates were applied to each of the population groups. The resulting population was then aged one year and the process repeated.

# 3. RESULTS

## 3.1 Population projections

### 3.1.1 Manitoba

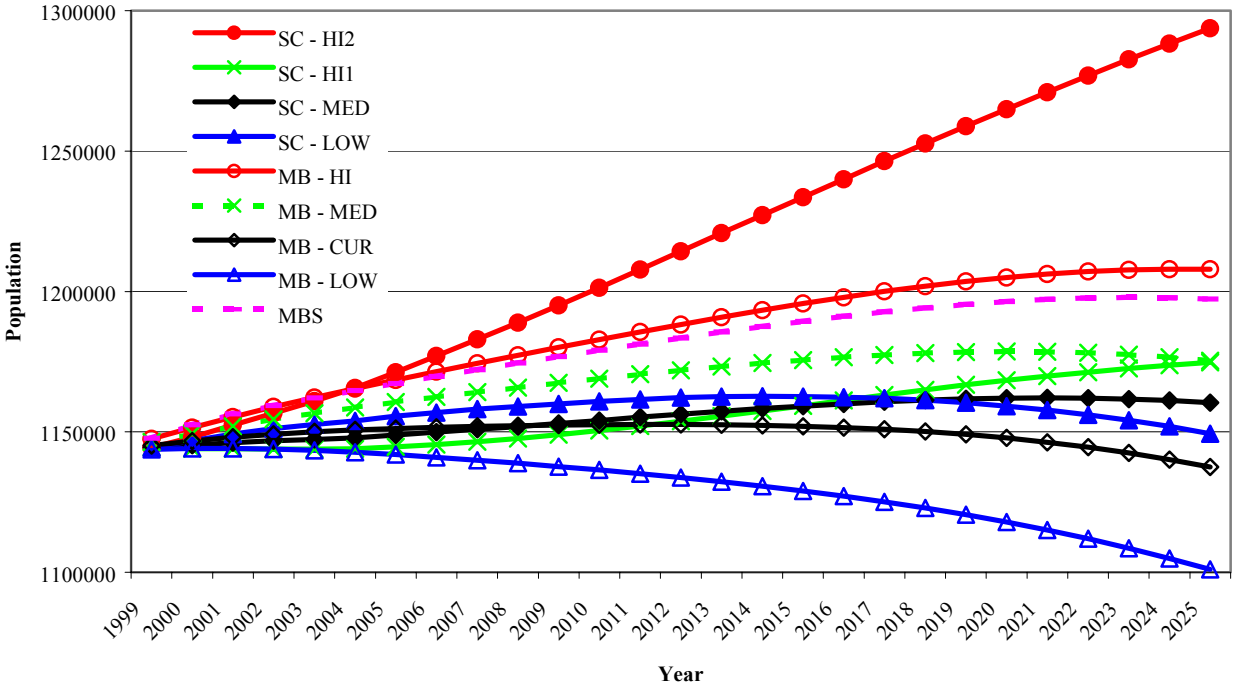
The projected population for Manitoba for the years 2000, 2010 and 2025 under the four scenarios is shown in Table 1. The Low scenario will result in a 3.8% loss in population between 2000 and 2025, while the High scenario will result in a 4.9% gain. If Manitoba's population did change according to the High scenario, by the year 2025 there would be approximately 107,000 more people (9.7%) than if it changed according to the Low scenario.

In 1999, both Statistics Canada (SC) and the Manitoba Bureau of Statistics (MBS) also developed population projections for Manitoba (1,2). Figure 6 compares our annual projected population to those of these two agencies.

**Table 1.**
**Manitoba's projected population according to four growth scenarios**

| Scenario | 2000 | 2010 | 2025 | % change 2000-2025 |
|---|---|---|---|---|
| Low | 1,144,086 | 1,136,413 | 1,100,979 | -3.8 |
| Current | 1,146,713 | 1,152,563 | 1,137,469 | -0.8 |
| Medium | 1,149,345 | 1,168,973 | 1,175,325 | 2.3 |
| High | 1,151,540 | 1,182,851 | 1,207,953 | 4.9 |
| **% Diff Low – High** | **0.7** | **4.1** | **9.7** | |

**Figure 6.**
**Comparison of annual projected population with Statistics Canada and the Manitoba Bureau of Statistics**



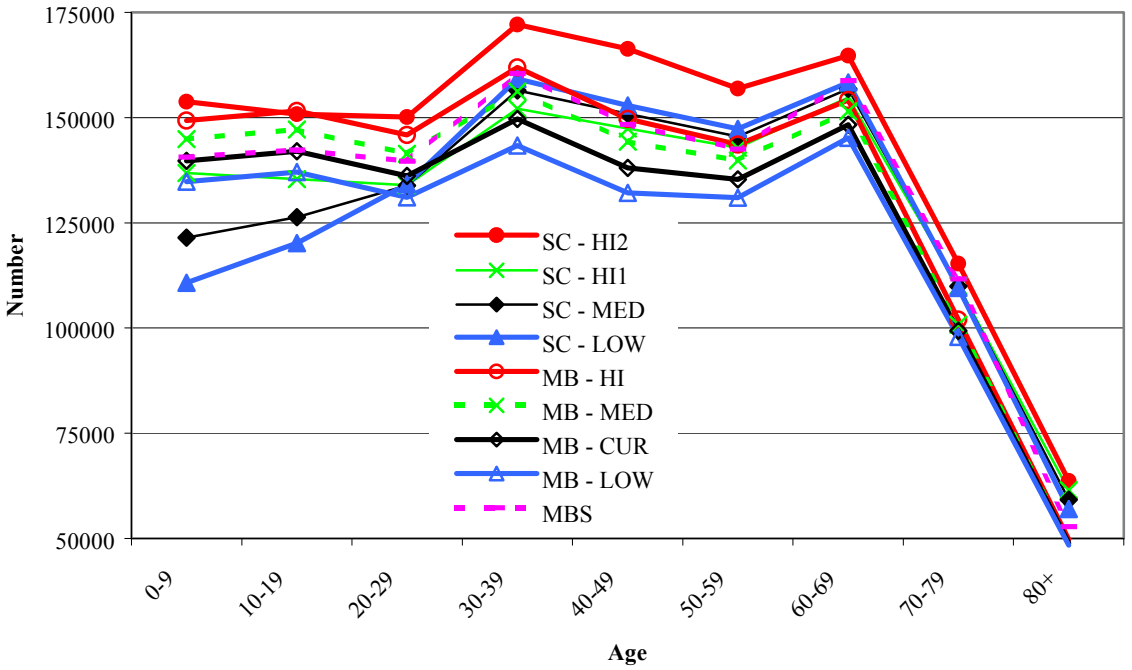

Statistics Canada's High 2 projection was substantially higher than any of our projections and the MBS projection. The other three Statistics Canada scenarios resulted in very similar population projections (only a difference of 2.2% in the 2025 population), and they fell between our Low and Medium projections. Statistics Canada's highest projection was 7.1% higher than our highest and their lowest was 4.4% higher than our lowest (Table 2). The MBS only developed one projection scenario and the resulting 2025 projected population (1,197,311) was between our Medium and High projections. Our Low projection was considerably lower than all the other projections. Thus, with the exception of Statistics Canada's High 2 projection, their other projections as well as that of the MBS fell between our Low and High projections.

**Table 2.**
**Comparison of the 2025 projected population with Statistics Canada**

| Manitoba | | Statistics Canada | | |
|---|---|---|---|---|
| **Scenario** | **2025 population** | **Scenario** | **2025 population** | **% Diff (SC-MB)** |
| Low | 1,100,979 | Low | 1,149,387 | 4.4 |
| Current | 1,137,469 | Medium | 1,160,454 | 2.0 |
| Medium | 1,175,325 | High -1 | 1,174,762 | 0.0 |
| High | 1,207,953 | High -2 | 1,293,689 | 7.1 |
| **% Diff Low – High** | **9.7** | | **12.6** | |

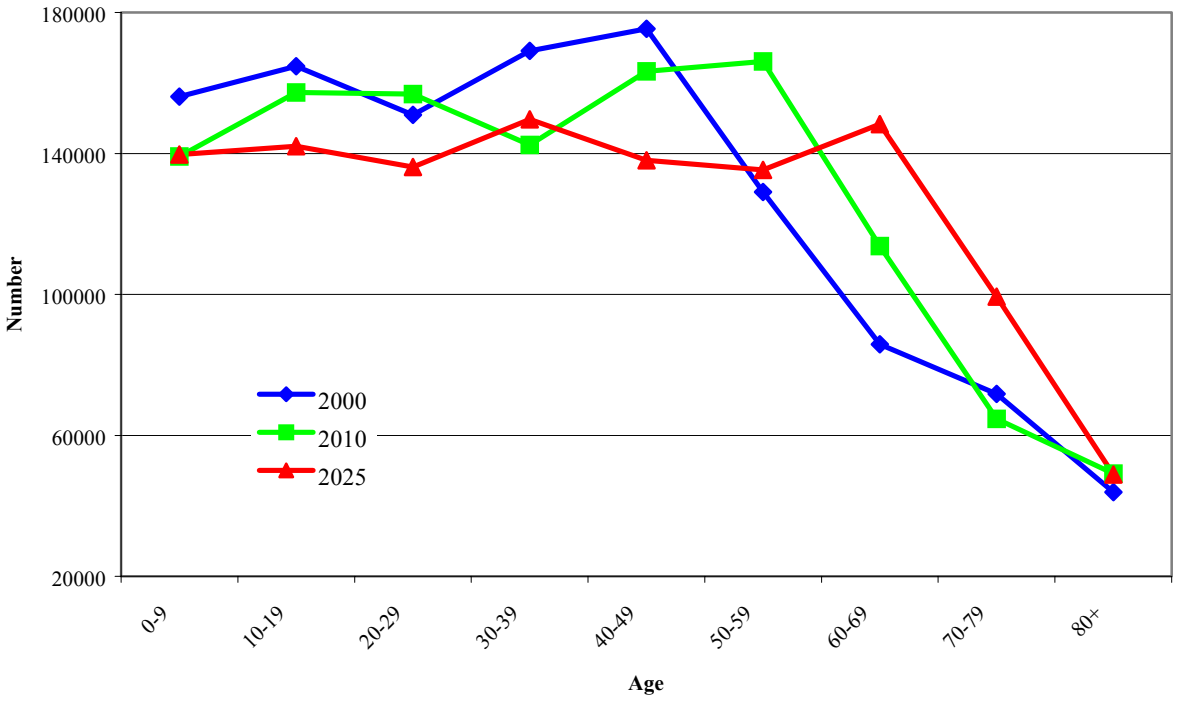
Figure 7 compares the 2025 age distributions of the population projections developed by Statistics Canada and the MBS with those from our models. There was substantial variability between the various models in the younger ages. However, it is important to note that in those ages of high cancer risk (60+ years), all four models had very similar results. Thus, regardless of which population projection model one uses, one would obtain comparable projected cancer incidence and prevalence cases.

**Figure 7.**
**Comparison of age distribution of projected population with Statistics Canada and the Manitoba Bureau of Statistics, 2025**



The age distribution of the Manitoba population in the years 2000, 2010 and 2025 based on the Current model is shown in Figure 8. The figure indicates that there will be a substantial aging of the population. By 2025 the number of people aged 60 and over will have increased from 17.6% to 26.1%. Thus, not only will more people be of the age when they are using substantial medical services, but there will also be much fewer younger people available to work and to contribute to the tax base required to pay for these increased services.

**Figure 8.**
**Manitoba population age distribution 2000, 2010, 2025 (Current)**




### 3.1.2 RHAs

The projected 2025 population for each of the RHAs based on the four projection scenarios is provided in Table 3. For purposes of comparison, the MBS projections are included in the Table as well.

**Table 3.**
**2025 RHA projected population according to four population growth scenarios and the MBS**

| RHA \ Scenario | Low | Current | Medium | High | MBS | % Diff[1] |
|---|---|---|---|---|---|---|
| Winnipeg | 603,423 | 624,108 | 645,575 | 664,085 | 611,011 | -8.0 |
| Brandon | 46,010 | 47,565 | 49,178 | 50,568 | 50,838 | 0.5 |
| North Eastman | 42,195 | 43,458 | 44,765 | 45,891 | 48,627 | 6.0 |
| South Eastman | 55,853 | 57,773 | 59,765 | 61,478 | 72,386 | 17.7 |
| Interlake | 72,182 | 74,567 | 77,042 | 79,176 | 88,944 | 12.4 |
| Central | 97,539 | 100,744 | 104,066 | 106,928 | 110,714 | 3.5 |
| Marquette | 34,069 | 35,132 | 36,233 | 37,181 | 39,186 | 5.4 |
| South Westman | 29,364 | 30,324 | 31,319 | 32,175 | 36,800 | 14.4 |
| Parkland | 38,110 | 39,310 | 40,555 | 41,627 | 44,694 | 7.4 |
| Norman | 25,885 | 26,761 | 27,673 | 28,462 | 28,507 | 0.2 |
| Burntwood/Churchill | 56,347 | 57,727 | 59,155 | 60,382 | 65,594 | 8.6 |
| **Manitoba** | **1,100,979** | **1,137,469** | **1,175,325** | **1,207,953** | **1,197,311** | **-0.9** |

1. MBS-High

With the exception of Winnipeg, the MBS projected population was greater than that from our High scenario in each of the RHAs. The largest difference was for South Eastman, where the MBS projected population was 17.7% higher than that of our highest estimate. For Winnipeg, the MBS estimated population was between our Low and Current estimates.

These differences resulted partly from the fact that the MBS attempted to define mortality at the RHA level, whereas we made the assumption that the Manitoba levels were consistent across each RHA. Also, we used the MHPR to define RHA migration patterns and took into account the Aboriginal and cancer status of the population of each RHA, which the MBS did not do.

As previously noted, people aged 60 years of age and over are at much greater risk of cancer than younger people. We compared our 2025 estimates of the population older than 59 based on the High scenario with those estimated by the MBS (Table 4). For some of the RHAs, particularly Norman and Burntwood/Churchill, the percent differences were very large. If the projections by the MBS are correct, then we will have substantially underestimated the cancer incidence and prevalence in these RHAs.

**Table 4.**
**Percent difference in the High scenario and the MBS projected 2025 population aged 60 years of age and over by RHA**

| RHA | High | MBS | % Difference[1] |
|---|---|---|---|
| Winnipeg | 180,676 | 188,030 | 4.1 |
| Brandon | 12,907 | 13,549 | 5.0 |
| North Eastman | 11,980 | 11,682 | -2.5 |
| South Eastman | 14,170 | 15,981 | 12.8 |
| Interlake | 20,939 | 22,882 | 9.3 |
| Central | 24,315 | 25,015 | 2.9 |
| Marquette | 10,246 | 10,427 | 1.8 |
| South Westman | 9,253 | 9,195 | -0.6 |
| Parkland | 11,065 | 11,111 | 0.4 |
| Norman | 4,861 | 6,234 | 28.2 |
| Burntwood/Churchill | 5,573 | 9,169 | 64.5 |
| **Manitoba** | **305,983** | **323,284** | **5.7** |

[1.] MBS - High

## 3.2 Cancer projections

### 3.2.1 Total cancer incidence

Figure 9 shows the number of projected new cancer cases by year based on the four population growth scenarios. The figure suggests two important features. The first is that the number of new cancer cases will increase dramatically between 1998 (the last year of actual data) and 2025. There will be an estimated increase of between 45% and 54% in incident cases by 2025. Secondly, that the estimates of cancer incidence do not vary much by model. It is estimated that there would only be a difference of 440 cases (5.9%) between the Low and High scenarios.

Since the projections in Figure 9 suggested that the increase in incidence was starting to taper off by 2025, the number of incident cancer cases was projected to 2065 using the Current model (Figure 10). This model suggests that the incidence will continue to increase until 2033 at which point it will be approximately 7,850 cases. This will be followed by only a gradual decline in incidence, with there still being over 7,200 cases in 2065.

**Figure 9.**
**Projected total cancer incidence in Manitoba, 1999-2025**

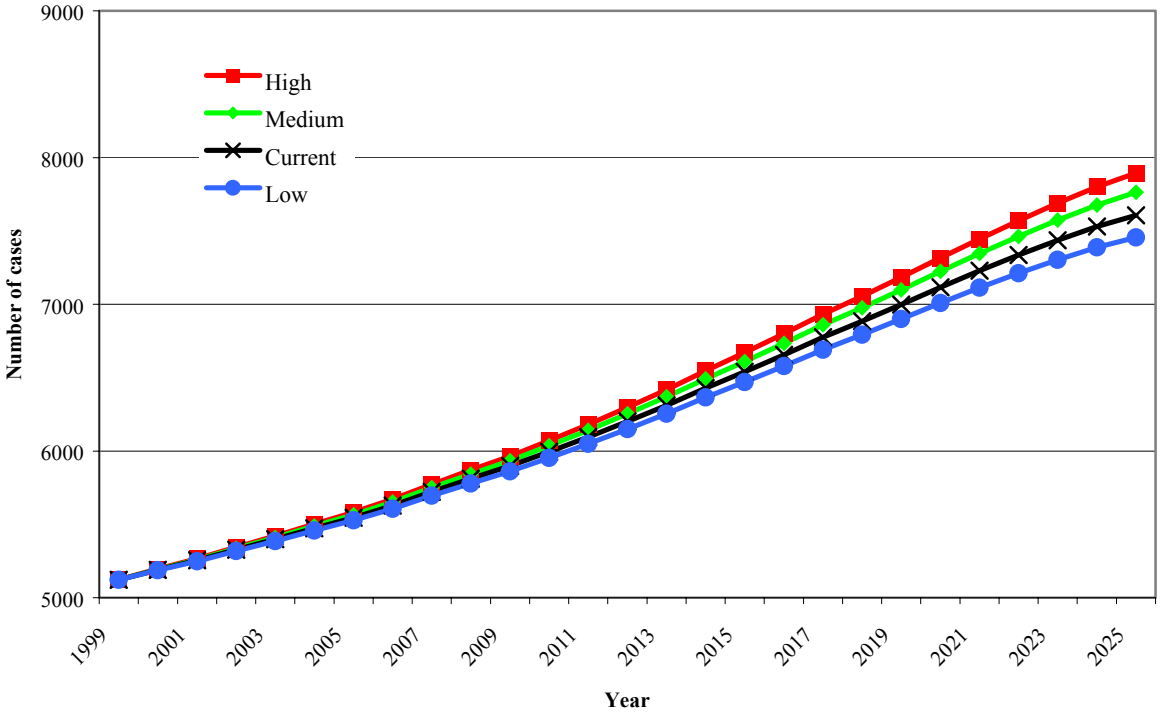
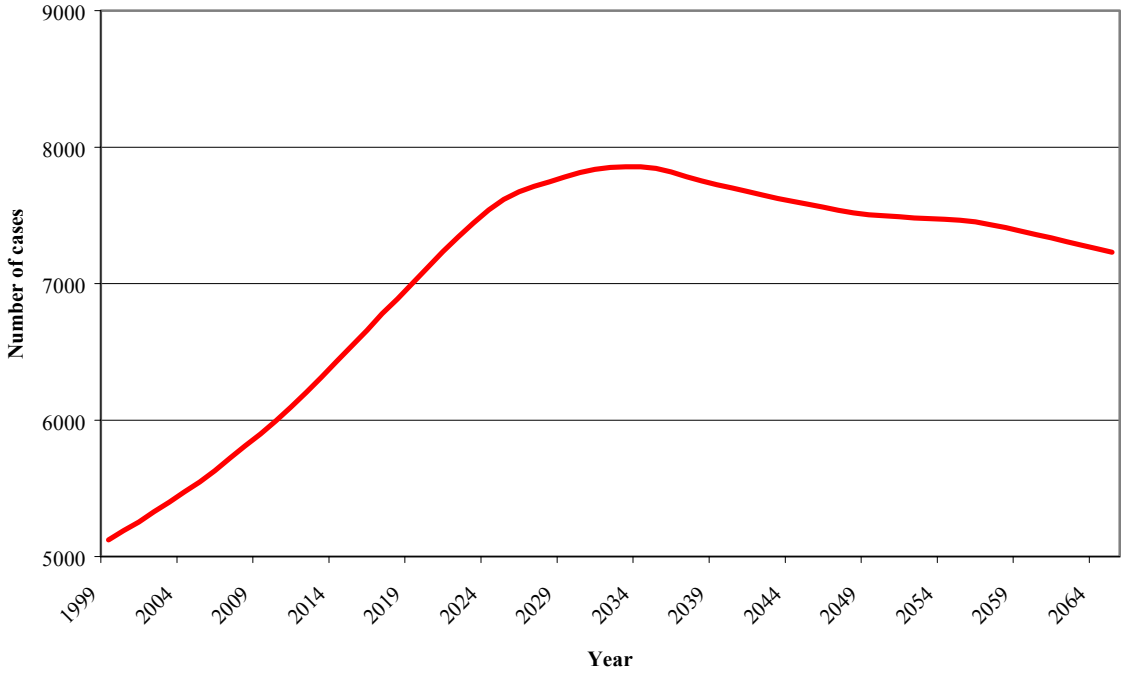



**Figure 10.**
**Projected total cancer incidence in Manitoba, 1999-2065 (Current)**

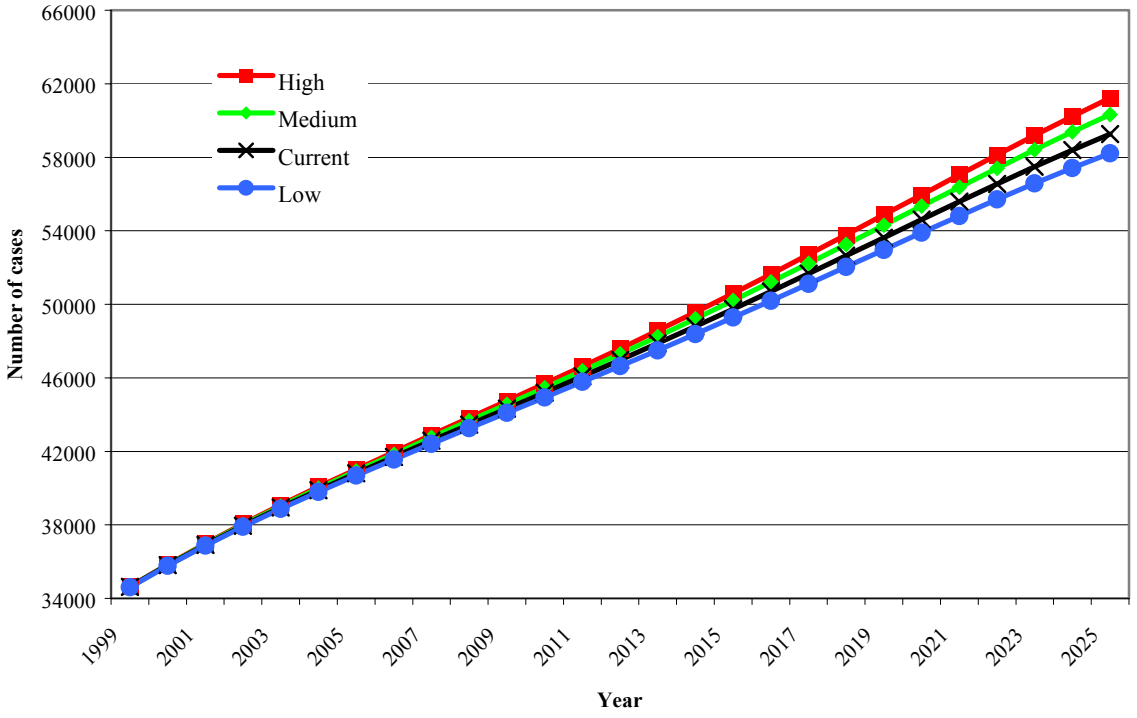


### 3.2.2 Total cancer prevalence

A similar pattern is observed for cancer prevalence as for incidence (Figure 11). Depending on the model used, prevalence was projected to increase between 75% and 84% by the year 2025. It was estimated that there will be between 58,000 and 61,000 Manitobans living with cancer in 2025.

There was only a 5% difference in the projected prevalence using the Low and High models. All the models indicate that the percentage of the population living with cancer will increase from approximately 3% in 1998 to over 5% in 2025.

**Figure 11.**
**Projected total cancer prevalence in Manitoba, 1999-2025**




Based on the Current model, prevalence is projected to peak at 63,800 cases in 2036 (Figure 12). It is estimated that in the subsequent 30 years there will only be a decrease of 5.8% to 60,100 cases.

**Figure 12.**
**Projected total cancer prevalence in Manitoba, 1999-2065 (Current)**

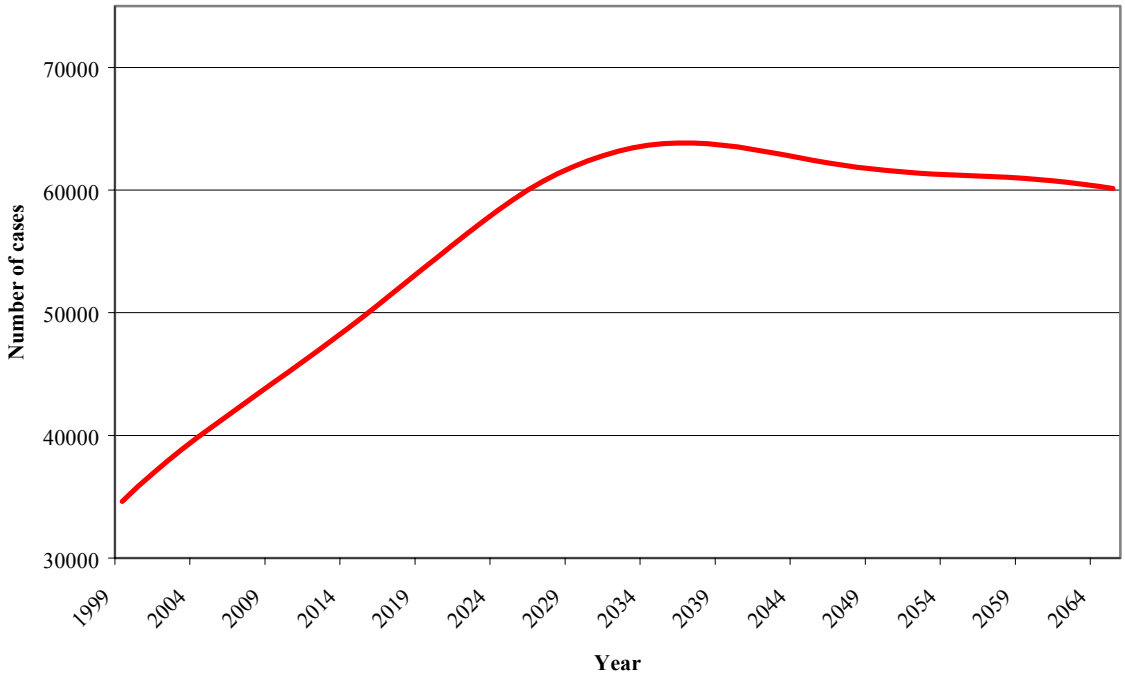
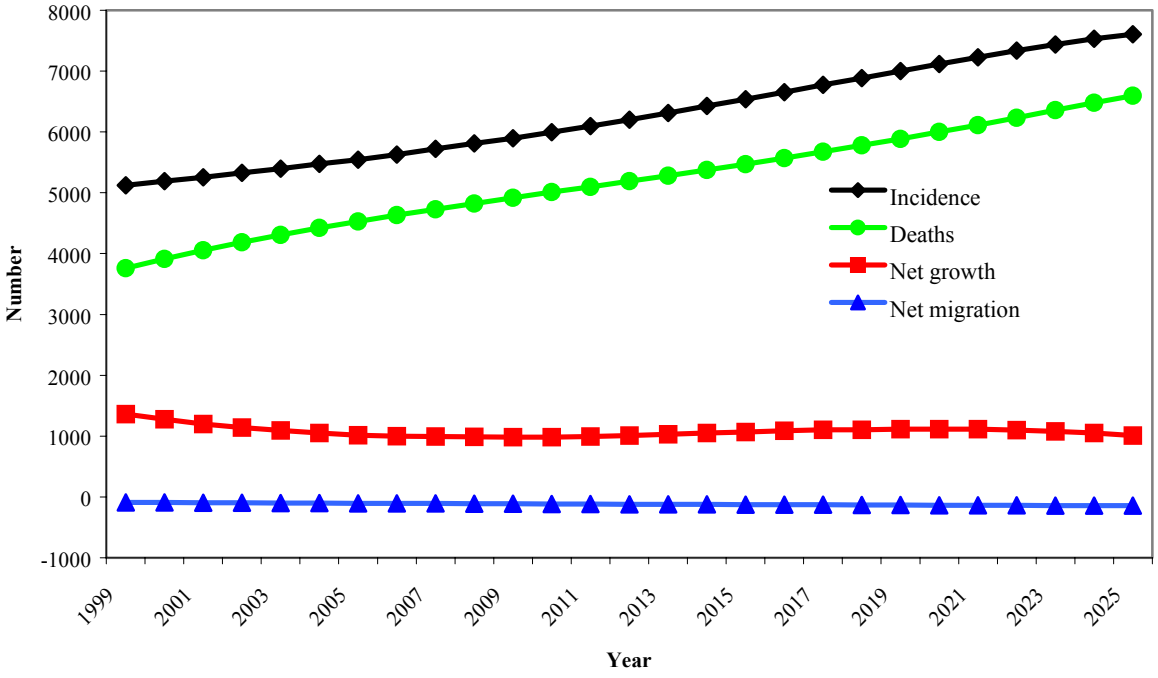


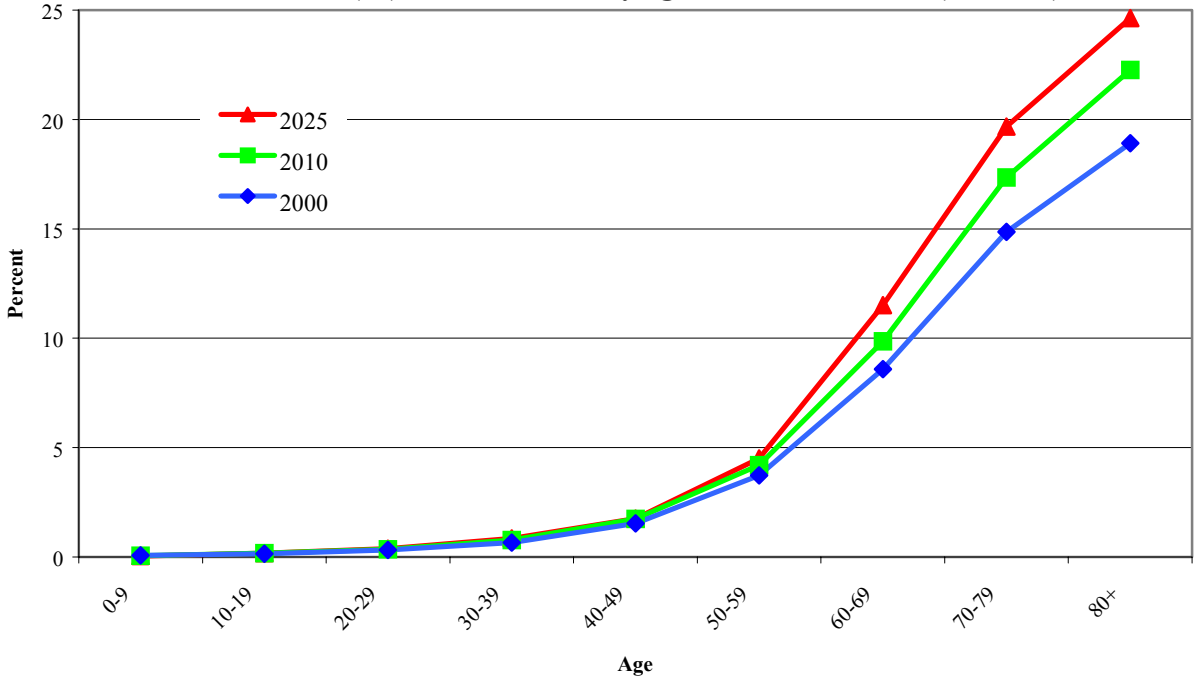

**Figure 13.**
**Projected number of new total cancer cases, deaths and net migration, Manitoba, 1999-2025 (Current)**



The components contributing to the increased prevalence are shown in Figure 13. Based on the Current model there will be an increase in both the number of incident cases and deaths from cancer, although, incidence will remain consistently higher than deaths. Out-migration of people with cancer will be slightly higher than in-migration resulting in a net loss. It is estimated that the combination of these factors will result in a net annual increase of approximately 1,000 people in Manitoba living with cancer.

As a result of the aging population, the increased prevalence in 2025 will be concentrated to a much greater degree in the 60+ year age group (Figure 14). In terms of the proportion of people living with cancer, it is estimated that in 2025 prevalence will increase to a high of 25% in those people 80 years of age and over.

**Figure 14.**
**Prevalence (%) of total cancer by age, 2000, 2010, 2025 (Current)**




### 3.2.3 Site-specific cancer incidence and prevalence

Figures 15-18 show the projected incidence in Manitoba for each of the four specific cancer sites. The change in incidence and prevalence between 1998 and 2025 is summarized in Table 5. The largest increase in incidence and prevalence will be for prostate cancer. Prostate cancer

incidence is projected to increase between 128% and 142% and prevalence is projected to increase between 174% and 187%. The lowest increase will be for colorectal cancer, with incidence increasing between 26% and 33% and prevalence increasing between 52% and 59%.

**Figure 15.**
**Projected lung cancer incidence in Manitoba, 1999-2025**

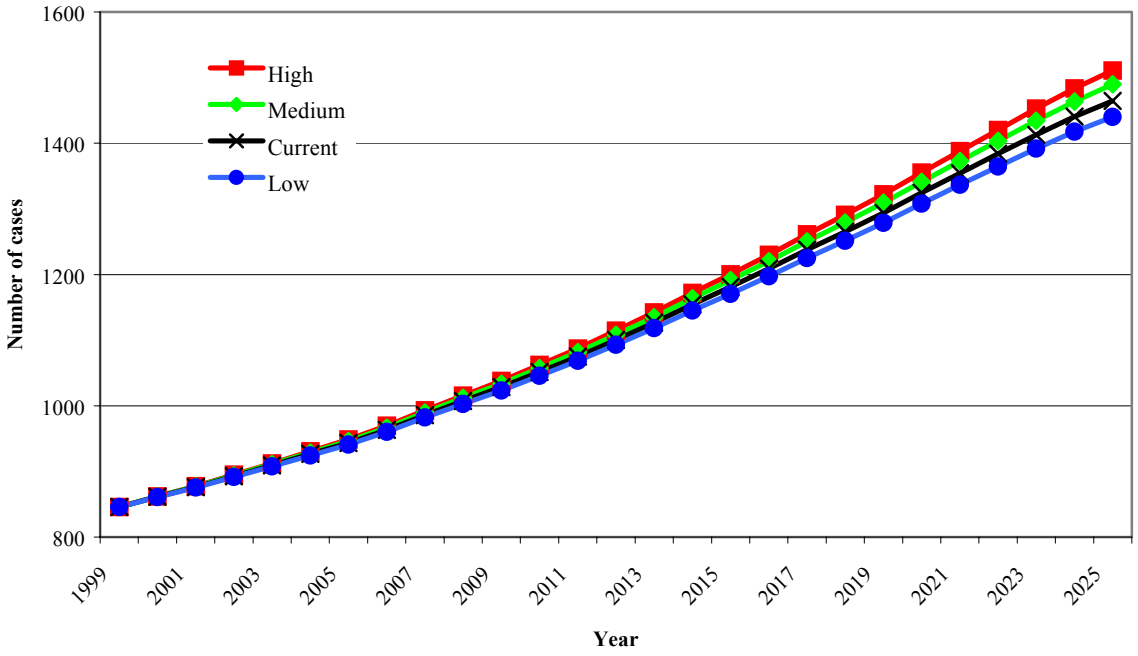



**Table 5.**
**Percent change in cancer incidence and prevalence by site, Low and High models, Manitoba, 1998-2025**

| | Incidence | | Prevalence | |
|---|---|---|---|---|
| **Site** | **Low** | **High** | **Low** | **High** |
| Lung | 83.2 | 92.2 | 106.4 | 116.5 |
| Colorectal | 26.1 | 32.9 | 52.1 | 58.9 |
| Breast | 59.0 | 68.3 | 86.7 | 95.4 |
| Prostate | 128.4 | 141.9 | 174.4 | 187.2 |
| **Total** | **45.2** | **53.7** | **74.6** | **83.6** |

**Figure 16.**
**Projected colorectal cancer incidence in Manitoba, 1999-2025**

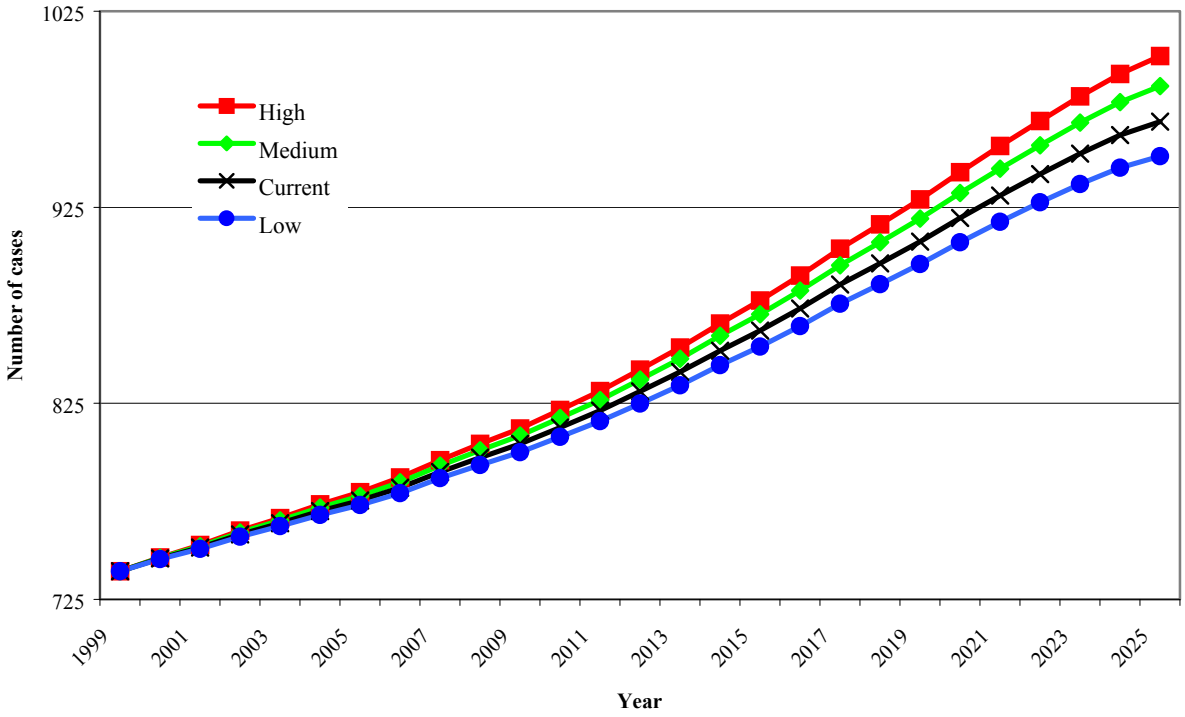



**Figure 17.**
**Projected breast cancer incidence in Manitoba, 1999-2025**

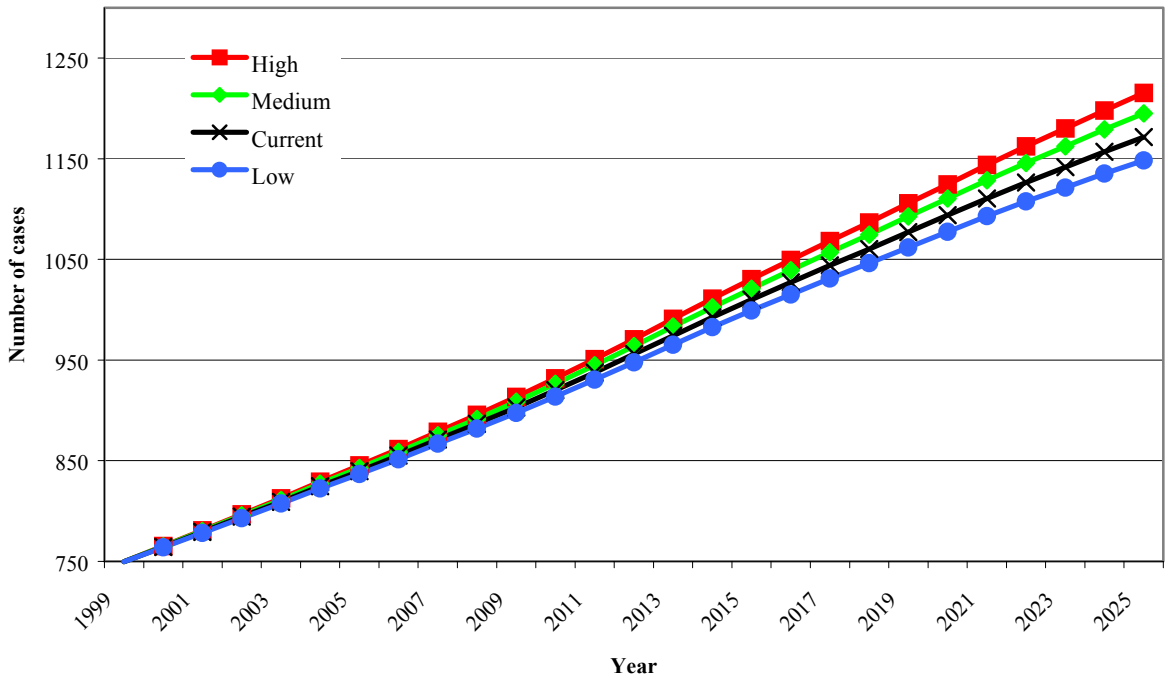
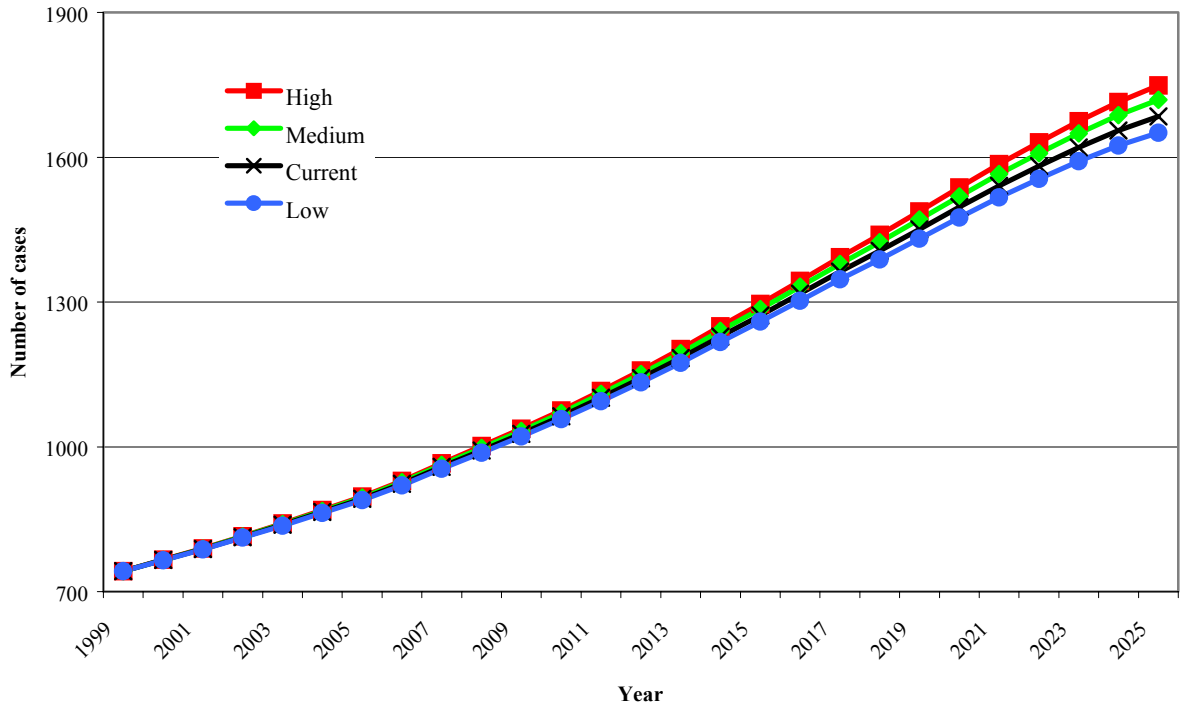


**Figure 18.**
**Projected prostate cancer incidence in Manitoba, 1999-2025**




Using the Current population projection model, we also estimated the future cancer incidence based on the 1998 cancer incidence rates, that is, it was assumed that the 1998 incidence rates remained constant over the entire projection period. The purpose of doing this was to determine what proportion of the increase observed in using the trend based projections was due to the changing population size and structure. Table 6 compares the 2025 projected incidence based on this method with that obtained based on the method used for all our other projections, namely that the incidence rates will follow the trend observed for the period 1980-98.

**Table 6.**
**Cancer incidence and prevalence by incidence scenario and site**
**(Current population growth model)[1]**

| Incidence Scenario | Site: Total No. | Total % Diff | Lung No. | Lung % Diff | Colorectal No. | Colorectal % Diff | Breast No. | Breast % Diff | Prostate No. | Prostate % Diff |
|---|---|---|---|---|---|---|---|---|---|---|
| **Incidence** | | | | | | | | | | |
| 1998 | 5135 | | 786 | | 754 | | 722 | | 723 | |
| 2025 constant | 6578 | 28.1 | 1197 | 52.3 | 1018 | 35.0 | 933 | 29.2 | 1070 | 48.0 |
| 2025 trend | 7607 | 48.1 | 1465 | 86.3 | 969 | 28.5 | 1172 | 62.3 | 1685 | 133.0 |
| **Prevalence** | | | | | | | | | | |
| 1998 | 33345 | | 1575 | | 4663 | | 7521 | | 5408 | |
| 2025 constant | 53061 | 59.1 | 2645 | 67.9 | 7441 | 59.6 | 12338 | 64.0 | 9868 | 82.5 |
| 2025 trend | 59259 | 77.7 | 3305 | 109.9 | 7203 | 54.5 | 14268 | 89.7 | 15081 | 178.9 |

1. Constant assumes estimated 1998 incident rates will remain constant over time. Trend refers to the annual projected estimated incidence rates based on the regression analysis.
2. % Diff is the % difference from the 1998 observed incidence and prevalence.

Although the percentage increase in the number of incident and prevalent cases decreases when the assumption is made that the 1998 cancer incidence rates will remain the same until 2025, there will still be a substantial increase in the actual number of incident (28%) and prevalent (59%) cases. Thus, 58% of the increase in incidence and 76% of the increase in prevalence of total cancers is due to the changing population size and its age structure.

As a consequence of the changing age distribution of the Manitoba population and the changing trends in incidence and prevalence of the four major cancer sites (lung, breast, prostate and colorectal cancers), there will be some change in their relative contribution to the overall incidence and prevalence. The four sites contributed 58% of all incident cases in 1998 (Figure 19). By 2025 their proportion is estimated to increase to 70% based on the Low model. There was very little difference in these proportions when other models were used. The proportions of lung, breast and prostate cancers are projected to increase over time, with prostate cancer increasing the most (14% to 22%). Colorectal cancer is the only site which will contribute a smaller proportion to the total number of incident cases in 2025. A similar pattern will be observed for the changing distribution of prevalent cases (Figure 20).

**Figure 19.**
**Percent distribution of total incident cancers by site, 1998 and 2025 (Low)**

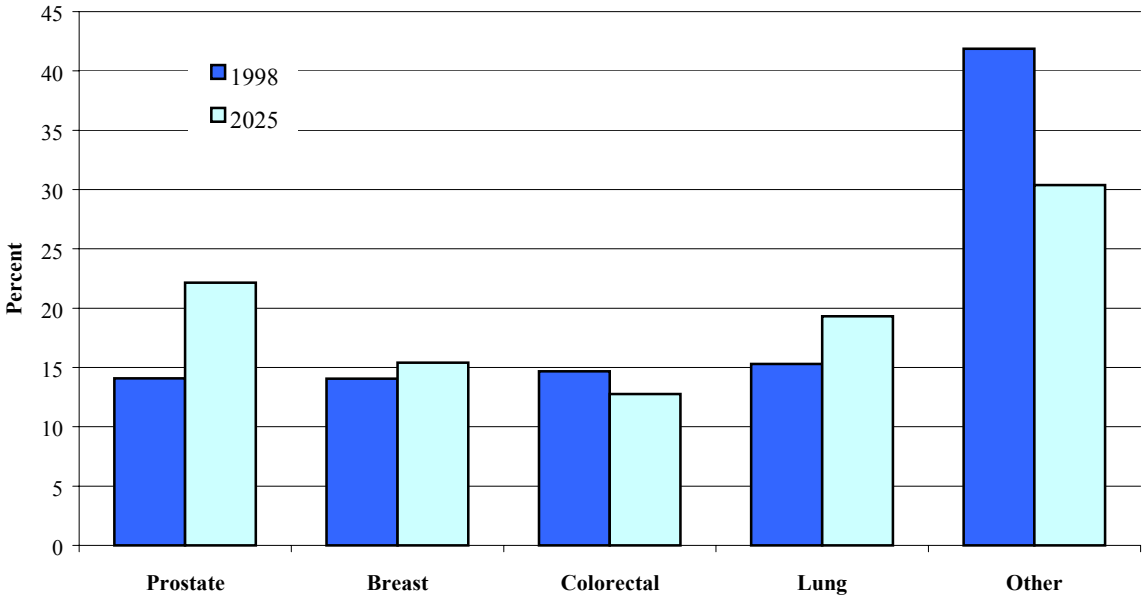
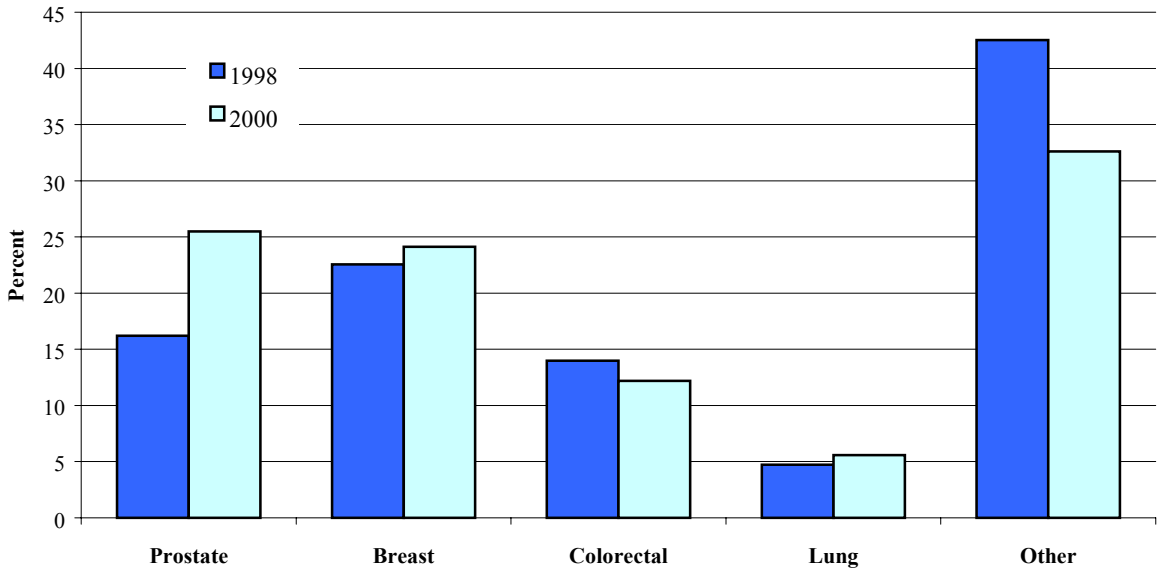



**Figure 20.**
**Percent distribution of total prevalent cancers by site, 1998 and 2025 (Low)**



### 3.2.4 RHA cancer incidence and prevalence

The Appendix tables provide the projected Low and High scenario incidence and prevalence numbers for total cancer and for each of the four sites with the highest incidence (lung, colorectal, breast and prostate cancer), not only for Manitoba as a whole, but for each of the RHAs. The projected percent change in cancer incidence and prevalence in each of the RHAs is summarized in Tables 7 and 8.

Changes in the incidence and prevalence vary markedly across the province. The lowest projected increases are in the RHAs of South Westman and Parkland. In these RHAs, the number of incident colon cancer cases is projected to decline. The largest increases are expected to be in North and South Eastman and in the northern RHAs (Norman, Burntwood, Churchill). It needs to be recognized that some of these projections are based on small numbers, and may therefore, be subject to a great deal of variability.

**Table 7.**
**Percent change in cancer incidence (Low-High)**
**by RHA and site, 1998-2025**

| RHA \ Site | Total | Lung | Colorectal | Breast | Prostate |
|---|---|---|---|---|---|
| Winnipeg | 49.2- 58.1 | 101.8- 111.7 | 30.6- 37.6 | 54.6- 63.7 | 138.8- 153.0 |
| Brandon | 34.9- 42.7 | 60.5- 67.4 | 14.3- 21.4 | 115.4- 126.9 | 58.5- 68.3 |
| North Eastman | 72.4- 82.7 | 85.2- 92.6 | 60.0- 70.0 | 94.4- 105.6 | 126.5- 138.2 |
| South Eastman | 83.9- 94.3 | 109.5- 119.0 | 35.7- 42.9 | 92.3- 103.8 | 188.9- 207.4 |
| Interlake | 49.9- 58.7 | 90.7- 101.9 | 45.0- 55.0 | 85.7- 97.6 | 119.6- 133.9 |
| Central | 35.2- 42.9 | 24.6- 30.4 | 39.2- 47.1 | 68.6- 78.4 | 171.4- 187.8 |
| Marquette | 17.1- 23.9 | 23.5- 29.4 | 3.2- 6.5 | 22.6- 29.0 | 80.6- 93.5 |
| South Westman | 5.8- 11.5 | 59.1- 63.6 | -17.5- -12.5 | 9.7- 16.1 | 96.2- 103.8 |
| Parkland | 6.2- 12.3 | 2.2- 8.9 | -15.8- -10.5 | 15.6- 21.9 | 50.0- 57.5 |
| Norman | 75.3- 87.7 | 115.4- 123.1 | 18.1- 27.3 | 72.7- 81.8 | 136.4- 154.5 |
| Burntwood | 84.5- 94.4 | | | | |
| Churchill | 250.0- 300.0 | | | | |
| **Manitoba** | **45.2- 53.7** | **83.2- 92.2** | **26.1- 32.9** | **48.7- 68.3** | **128.4- 141.9** |

**Table 8.**
**Percent change in cancer prevalence (Low-High)**
**by RHA and site, 1998-2025**

| RHA \ Site | Total | Lung | Colorectal | Breast | Prostate |
|---|---|---|---|---|---|
| Winnipeg | 81.5- 90.9 | 123.8- 134.7 | 58.3- 65.4 | 90.1- 99.0 | 190.1- 203.7 |
| Brandon | 74.7- 83.5 | 101.3- 111.3 | 45.8- 66.8 | 86.7- 95.4 | 156.7- 168.1 |
| North Eastman | 101.2- 111.4 | 126.5- 138.8 | 64.8- 72.5 | 125.4- 136.5 | 233.0- 248.7 |
| South Eastman | 99.8- 109.9 | 127.7- 138.3 | 63.0- 70.2 | 122.1- 132.2 | 250.2- 266.0 |
| Interlake | 71.5- 80.7 | 75.6- 84.6 | 76.0- 84.4 | 86.6- 95.9 | 170.2- 183.5 |
| Central | 70.2- 78.7 | 73.5- 82.1 | 39.2- 45.1 | 83.7- 92.2 | 170.4- 182.5 |
| Marquette | 34.5- 41.0 | 47.7- 55.4 | 12.9- 17.5 | 55.9- 62.7 | 84.8- 92.9 |
| South Westman | 31.3- 37.4 | 75.5- 83.7 | 16.8- 21.7 | 41.7- 47.8 | 105.5- 114.4 |
| Parkland | 30.8- 37.4 | 35.1- 41.6 | 9.5- 14.0 | 45.2- 51.9 | 76.0- 84.0 |
| Norman | 69.2- 80.6 | 66.7- 77.8 | 41.4- 50.0 | 90.2- 102.0 | 192.5- 210.4 |
| Burntwood | 105.5- 117.1 | 236.4- 254.5 | 158.1- 171.0 | 184.9- 200.0 | 282.5- 302.5 |
| Churchill | 214.3- 235.7 | | | | |
| **Manitoba** | **74.6- 83.6** | **106.3- 116.4** | **52.1- 58.9** | **86.7- 95.4** | **174.4- 187.2** |

# 4. LIMITATIONS

There are several limitations to our projection models that have to be taken into account when interpreting the results of this report.

- All of the regressions that were undertaken were simple linear models that placed equal value on the rates (e.g. cancer incidence) for all years included in the regression. Thus any significant changes in trend in recent years (e.g. higher incidence due to the introduction of a screening program, lower mortality due to improved treatment), would not be adequately captured in the model. Furthermore, the trend in age-sex-specific rates were not always linear.
- The results for RHAs were often based on small numbers. Consequently there is a great deal of variability in the projections. Future versions of the projection model will include confidence intervals.
- Trends in age-sex-specific cancer incidence rates were not calculated for individual RHAs due to the small numbers. Crude estimates were derived by adjusting the total Manitoba trends up or down according to the ratio of the RHA/Manitoba rate.

- Trends in mortality and migration rates were not calculated for individual RHAs. For mortality the overall Manitoba rates were used, while for migration, estimates were derived by adjusting the total Manitoba trends up or down according to the ratio of the RHA/Manitoba rate.
- The cancer incidence and prevalence estimates were based on linked CCMB and Manitoba Health records. Approximately 5% of records in the cancer registry did not link to the MHPR, thus there will be an underestimate in the projected number of incident and prevalent cases.

# 5. CONCLUSIONS

It is unlikely that the above limitations will have substantially altered the results of the projection models for Manitoba as a whole. If the current trend in cancer incidence rates continues, there will be a substantial increase in the number of incident and prevalent cancer cases in Manitoba over the next twenty-five years. As a consequence, governments and individuals responsible for health care planning need to be aware that there is going to be an increasing need for facilities and manpower in order to deal with the increasing number of cancer patients. Since staff shortages and waiting lists for certain forms of treatment already exist, there is an urgency to address these issues. The projections in this report only included most of the malignant neoplasms. Excluded from the total projections were non-melanoma skin cancers, benign and in situ neoplasms, and those of uncertain behaviour or unspecified nature. These neoplasms will further compound the problem as they will also require resources.

Currently the majority of the health care dollar is being spent on treatment. However, it needs to be recognized that treatment will not have any impact in reducing the projected number of incident and prevalent cases. If anything, improved treatment will lead to lower mortality and thus to an even higher prevalence. There is a need for a more comprehensive cancer control program that not only involves treatment, but one that places much more emphasis on seeking the causes of cancer and on implementing the appropriate prevention programs. Without an increased focus on the etiology of cancer and the development of prevention programs it will not be possible to reduce the projected increased burden of cancer in Manitoba.

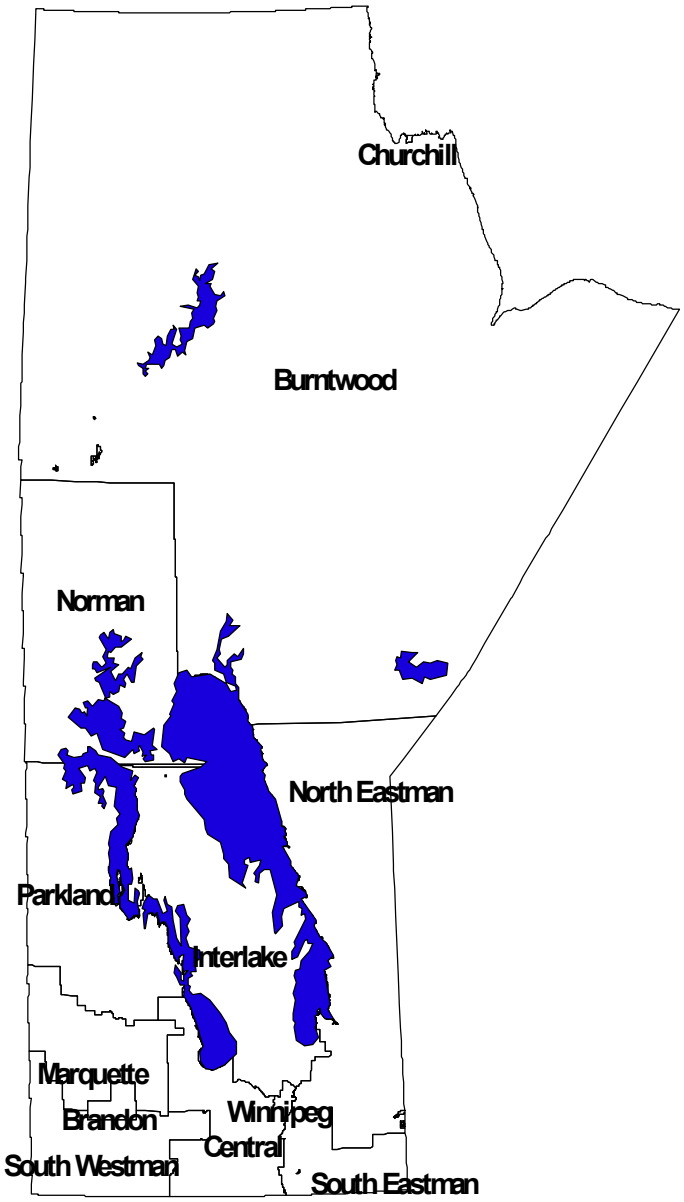
# 6. REFERENCES


1. George MV, Norris MJ, Lault F, Loh S, Dai SY. Population Projections for Canada, Provinces and Territories 1993-2016. Ottawa: Statistics Canada (Cat. No. 91-520), 1994.
2. Manitoba Bureau of Statistics. Manitoba Health regions Populations Projections June 1, 1998 – June 1, 2025. Winnipeg, Manitoba Bureau of Statistics, 1999.

# APPENDICES

# Appendix 1

## Map of Manitoba Regional Health Authorities



# Appendix 2

## Actual (1989-1998) and projected (1999-2025) cancer incidence by RHA, year and site, Low and High models

# Appendix 2 – Incidence (continued)

| Manitoba - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *4549* | *699* | *655* | *620* | *559* |
| *1990* | *4490* | *697* | *610* | *610* | *595* |
| *1991* | *4796* | *685* | *653* | *678* | *762* |
| *1992* | *5136* | *721* | *671* | *647* | *928* |
| *1993* | *5225* | *733* | *672* | *666* | *1004* |
| *1994* | *5140* | *757* | *644* | *690* | *881* |
| *1995* | *5093* | *766* | *661* | *727* | *771* |
| *1996* | *4907* | *764* | *658* | *712* | *633* |
| *1997* | *5060* | *748* | *723* | *688* | *688* |
| *1998* | *5135* | *786* | *754* | *722* | *723* |
| 1999 | 5122 | 846 | 739 | 750 | 742 |
| 2000 | 5187 | 861 | 745 | 764 | 765 |
| 2001 | 5249 | 875 | 751 | 778 | 787 |
| 2002 | 5319 | 892 | 757 | 793 | 812 |
| 2003 | 5386 | 908 | 762 | 807 | 837 |
| 2004 | 5458 | 924 | 768 | 822 | 863 |
| 2005 | 5527 | 941 | 773 | 837 | 890 |
| 2006 | 5606 | 960 | 779 | 852 | 920 |
| 2007 | 5695 | 982 | 787 | 867 | 955 |
| 2008 | 5780 | 1003 | 794 | 882 | 988 |
| 2009 | 5862 | 1023 | 800 | 897 | 1022 |
| 2010 | 5954 | 1046 | 808 | 914 | 1057 |
| 2011 | 6048 | 1068 | 816 | 931 | 1095 |
| 2012 | 6150 | 1093 | 825 | 948 | 1133 |
| 2013 | 6254 | 1118 | 834 | 965 | 1174 |
| 2014 | 6365 | 1145 | 844 | 983 | 1217 |
| 2015 | 6469 | 1171 | 854 | 999 | 1259 |
| 2016 | 6579 | 1197 | 864 | 1015 | 1303 |
| 2017 | 6691 | 1225 | 876 | 1031 | 1347 |
| 2018 | 6794 | 1251 | 886 | 1046 | 1388 |
| 2019 | 6899 | 1279 | 896 | 1062 | 1431 |
| 2020 | 7008 | 1308 | 907 | 1077 | 1475 |
| 2021 | 7113 | 1337 | 918 | 1093 | 1517 |
| 2022 | 7211 | 1364 | 927 | 1108 | 1555 |
| 2023 | 7304 | 1392 | 937 | 1121 | 1592 |
| 2024 | 7388 | 1418 | 945 | 1135 | 1624 |
| 2025 | 7455 | 1440 | 951 | 1148 | 1651 |

# Appendix 2 (continued)

| Manitoba – High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *4549* | *699* | *655* | *620* | *559* |
| *1990* | *4490* | *697* | *610* | *610* | *595* |
| *1991* | *4796* | *685* | *653* | *678* | *762* |
| *1992* | *5136* | *721* | *671* | *647* | *928* |
| *1993* | *5225* | *733* | *672* | *666* | *1004* |
| *1994* | *5140* | *757* | *644* | *690* | *881* |
| *1995* | *5093* | *766* | *661* | *727* | *771* |
| *1996* | *4907* | *764* | *658* | *712* | *633* |
| *1997* | *5060* | *748* | *723* | *688* | *688* |
| *1998* | *5135* | *786* | *754* | *722* | *723* |
| 1999 | 5122 | 846 | 739 | 750 | 742 |
| 2000 | 5195 | 862 | 746 | 765 | 766 |
| 2001 | 5265 | 878 | 753 | 781 | 789 |
| 2002 | 5344 | 895 | 760 | 797 | 815 |
| 2003 | 5421 | 912 | 767 | 813 | 841 |
| 2004 | 5502 | 931 | 773 | 829 | 869 |
| 2005 | 5582 | 949 | 780 | 845 | 897 |
| 2006 | 5671 | 969 | 787 | 862 | 929 |
| 2007 | 5773 | 993 | 796 | 879 | 966 |
| 2008 | 5869 | 1016 | 804 | 896 | 1001 |
| 2009 | 5965 | 1038 | 812 | 913 | 1037 |
| 2010 | 6070 | 1062 | 822 | 932 | 1076 |
| 2011 | 6180 | 1087 | 831 | 951 | 1116 |
| 2012 | 6297 | 1114 | 842 | 971 | 1158 |
| 2013 | 6419 | 1142 | 853 | 991 | 1203 |
| 2014 | 6547 | 1172 | 866 | 1011 | 1250 |
| 2015 | 6670 | 1200 | 877 | 1030 | 1296 |
| 2016 | 6799 | 1230 | 890 | 1049 | 1344 |
| 2017 | 6932 | 1261 | 904 | 1068 | 1393 |
| 2018 | 7055 | 1291 | 916 | 1087 | 1439 |
| 2019 | 7183 | 1322 | 929 | 1106 | 1488 |
| 2020 | 7316 | 1355 | 943 | 1125 | 1538 |
| 2021 | 7445 | 1388 | 956 | 1144 | 1586 |
| 2022 | 7569 | 1420 | 969 | 1162 | 1631 |
| 2023 | 7688 | 1453 | 982 | 1180 | 1675 |
| 2024 | 7800 | 1483 | 993 | 1198 | 1715 |
| 2025 | 7895 | 1511 | 1002 | 1215 | 1749 |

# Appendix 2 (continued)

| 10. Winnipeg - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *2747* | *431* | *406* | *398* | *302* |
| *1990* | *2638* | *409* | *371* | *369* | *342* |
| *1991* | *2741* | *410* | *372* | *425* | *430* |
| *1992* | *2903* | *435* | *374* | *386* | *488* |
| *1993* | *2996* | *453* | *389* | *396* | *505* |
| *1994* | *2982* | *463* | *368* | *395* | *481* |
| *1995* | *2988* | *458* | *386* | *447* | *372* |
| *1996* | *2817* | *465* | *361* | *405* | *332* |
| *1997* | *2929* | *452* | *405* | *412* | *396* |
| *1998* | *2993* | *454* | *444* | *452* | *400* |
| 1999 | 3009 | 518 | 435 | 454 | 407 |
| 2000 | 3054 | 529 | 440 | 463 | 421 |
| 2001 | 3095 | 539 | 444 | 472 | 435 |
| 2002 | 3143 | 551 | 449 | 482 | 451 |
| 2003 | 3188 | 562 | 454 | 491 | 467 |
| 2004 | 3235 | 573 | 458 | 500 | 483 |
| 2005 | 3279 | 585 | 462 | 509 | 499 |
| 2006 | 3330 | 598 | 466 | 518 | 518 |
| 2007 | 3387 | 613 | 472 | 528 | 539 |
| 2008 | 3440 | 627 | 477 | 537 | 559 |
| 2009 | 3492 | 640 | 481 | 547 | 579 |
| 2010 | 3549 | 655 | 486 | 557 | 601 |
| 2011 | 3607 | 671 | 492 | 567 | 623 |
| 2012 | 3671 | 687 | 498 | 577 | 647 |
| 2013 | 3735 | 704 | 504 | 588 | 671 |
| 2014 | 3802 | 721 | 511 | 598 | 696 |
| 2015 | 3866 | 738 | 517 | 609 | 722 |
| 2016 | 3933 | 756 | 524 | 618 | 747 |
| 2017 | 4002 | 774 | 531 | 628 | 773 |
| 2018 | 4065 | 791 | 538 | 638 | 798 |
| 2019 | 4128 | 809 | 544 | 647 | 824 |
| 2020 | 4195 | 829 | 551 | 657 | 850 |
| 2021 | 4259 | 847 | 558 | 666 | 874 |
| 2022 | 4319 | 866 | 564 | 675 | 898 |
| 2023 | 4375 | 884 | 571 | 683 | 919 |
| 2024 | 4425 | 901 | 576 | 691 | 939 |
| 2025 | 4466 | 916 | 580 | 699 | 955 |

# Appendix 2 (continued)

| 10. Winnipeg – High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *2747* | *431* | *406* | *398* | *302* |
| *1990* | *2638* | *409* | *371* | *369* | *342* |
| *1991* | *2741* | *410* | *372* | *425* | *430* |
| *1992* | *2903* | *435* | *374* | *386* | *488* |
| *1993* | *2996* | *453* | *389* | *396* | *505* |
| *1994* | *2982* | *463* | *368* | *395* | *481* |
| *1995* | *2988* | *458* | *386* | *447* | *372* |
| *1996* | *2817* | *465* | *361* | *405* | *332* |
| *1997* | *2929* | *452* | *405* | *412* | *396* |
| *1998* | *2993* | *454* | *444* | *452* | *400* |
| 1999 | 3009 | 518 | 435 | 454 | 407 |
| 2000 | 3058 | 530 | 441 | 464 | 422 |
| 2001 | 3105 | 540 | 446 | 474 | 436 |
| 2002 | 3158 | 553 | 451 | 484 | 453 |
| 2003 | 3208 | 565 | 456 | 494 | 469 |
| 2004 | 3261 | 577 | 461 | 504 | 486 |
| 2005 | 3312 | 589 | 466 | 515 | 503 |
| 2006 | 3370 | 604 | 471 | 525 | 523 |
| 2007 | 3434 | 619 | 477 | 535 | 545 |
| 2008 | 3495 | 635 | 483 | 546 | 567 |
| 2009 | 3554 | 650 | 488 | 556 | 588 |
| 2010 | 3619 | 666 | 495 | 568 | 611 |
| 2011 | 3687 | 682 | 501 | 579 | 636 |
| 2012 | 3760 | 700 | 508 | 591 | 661 |
| 2013 | 3834 | 719 | 516 | 604 | 687 |
| 2014 | 3912 | 738 | 524 | 616 | 715 |
| 2015 | 3988 | 757 | 531 | 628 | 743 |
| 2016 | 4066 | 777 | 539 | 639 | 771 |
| 2017 | 4147 | 797 | 548 | 651 | 800 |
| 2018 | 4224 | 817 | 556 | 662 | 828 |
| 2019 | 4300 | 837 | 564 | 674 | 857 |
| 2020 | 4380 | 859 | 573 | 686 | 886 |
| 2021 | 4459 | 880 | 582 | 697 | 915 |
| 2022 | 4535 | 901 | 590 | 708 | 942 |
| 2023 | 4607 | 922 | 598 | 719 | 968 |
| 2024 | 4674 | 943 | 605 | 730 | 992 |
| 2025 | 4732 | 961 | 611 | 740 | 1012 |

# Appendix 2 (continued)

| 15. Brandon - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *214* | *39* | *38* | *27* | *19* |
| *1990* | *170* | *37* | *27* | *25* | *14* |
| *1991* | *202* | *31* | *36* | *38* | *18* |
| *1992* | *225* | *29* | *35* | *28* | *45* |
| *1993* | *193* | *30* | *31* | *22* | *30* |
| *1994* | *223* | *26* | *32* | *30* | *32* |
| *1995* | *226* | *30* | *26* | *38* | *43* |
| *1996* | *237* | *40* | *31* | *45* | *31* |
| *1997* | *238* | *45* | *29* | *37* | *32* |
| *1998* | *241* | *43* | *42* | *26* | *41* |
| 1999 | 224 | 39 | 38 | 35 | 30 |
| 2000 | 227 | 40 | 38 | 36 | 31 |
| 2001 | 231 | 41 | 39 | 37 | 32 |
| 2002 | 234 | 42 | 39 | 38 | 33 |
| 2003 | 237 | 43 | 39 | 39 | 34 |
| 2004 | 240 | 44 | 39 | 39 | 35 |
| 2005 | 243 | 44 | 40 | 40 | 36 |
| 2006 | 246 | 45 | 40 | 41 | 37 |
| 2007 | 251 | 46 | 40 | 42 | 39 |
| 2008 | 255 | 48 | 41 | 42 | 40 |
| 2009 | 258 | 49 | 41 | 43 | 41 |
| 2010 | 263 | 50 | 42 | 44 | 43 |
| 2011 | 267 | 51 | 42 | 45 | 44 |
| 2012 | 272 | 52 | 43 | 46 | 46 |
| 2013 | 276 | 53 | 43 | 47 | 48 |
| 2014 | 280 | 55 | 43 | 48 | 49 |
| 2015 | 284 | 56 | 44 | 48 | 51 |
| 2016 | 288 | 57 | 44 | 49 | 52 |
| 2017 | 293 | 58 | 45 | 50 | 54 |
| 2018 | 297 | 59 | 45 | 51 | 55 |
| 2019 | 302 | 61 | 46 | 51 | 57 |
| 2020 | 307 | 62 | 46 | 52 | 59 |
| 2021 | 311 | 64 | 47 | 53 | 61 |
| 2022 | 315 | 65 | 47 | 54 | 62 |
| 2023 | 319 | 66 | 48 | 54 | 63 |
| 2024 | 323 | 68 | 48 | 55 | 65 |
| 2025 | 325 | 69 | 48 | 56 | 65 |

# Appendix 2 (continued)

| 15. Brandon - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *214* | *39* | *38* | *27* | *19* |
| *1990* | *170* | *37* | *27* | *25* | *14* |
| *1991* | *202* | *31* | *36* | *38* | *18* |
| *1992* | *225* | *29* | *35* | *28* | *45* |
| *1993* | *193* | *30* | *31* | *22* | *30* |
| *1994* | *223* | *26* | *32* | *30* | *32* |
| *1995* | *226* | *30* | *26* | *38* | *43* |
| *1996* | *237* | *40* | *31* | *45* | *31* |
| *1997* | *238* | *45* | *29* | *37* | *32* |
| *1998* | *241* | *43* | *42* | *26* | *41* |
| 1999 | 224 | 39 | 38 | 35 | 30 |
| 2000 | 228 | 40 | 38 | 36 | 31 |
| 2001 | 231 | 41 | 39 | 37 | 32 |
| 2002 | 235 | 42 | 39 | 38 | 33 |
| 2003 | 239 | 43 | 39 | 39 | 34 |
| 2004 | 242 | 44 | 40 | 40 | 35 |
| 2005 | 245 | 45 | 40 | 40 | 36 |
| 2006 | 249 | 46 | 40 | 41 | 38 |
| 2007 | 254 | 47 | 41 | 42 | 39 |
| 2008 | 259 | 48 | 41 | 43 | 41 |
| 2009 | 263 | 49 | 42 | 44 | 42 |
| 2010 | 268 | 50 | 42 | 45 | 44 |
| 2011 | 272 | 52 | 43 | 46 | 45 |
| 2012 | 278 | 53 | 43 | 47 | 47 |
| 2013 | 283 | 54 | 44 | 48 | 49 |
| 2014 | 288 | 56 | 44 | 49 | 51 |
| 2015 | 293 | 57 | 45 | 50 | 52 |
| 2016 | 298 | 58 | 45 | 51 | 54 |
| 2017 | 303 | 60 | 46 | 52 | 56 |
| 2018 | 308 | 61 | 47 | 52 | 57 |
| 2019 | 314 | 63 | 47 | 53 | 59 |
| 2020 | 320 | 64 | 48 | 54 | 61 |
| 2021 | 325 | 66 | 49 | 55 | 63 |
| 2022 | 331 | 68 | 49 | 56 | 65 |
| 2023 | 336 | 69 | 50 | 57 | 67 |
| 2024 | 341 | 71 | 50 | 58 | 68 |
| 2025 | 344 | 72 | 51 | 59 | 69 |

# Appendix 2 (continued)

| 20. North Eastman - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *122* | *13* | *17* | *13* | *28* |
| *1990* | *120* | *16* | *14* | *14* | *15* |
| *1991* | *145* | *20* | *23* | *20* | *21* |
| *1992* | *163* | *18* | *20* | *23* | *34* |
| *1993* | *157* | *22* | *13* | *21* | *41* |
| *1994* | *150* | *24* | *20* | *12* | *35* |
| *1995* | *154* | *20* | *20* | *22* | *30* |
| *1996* | *130* | *20* | *19* | *12* | *23* |
| *1997* | *141* | *24* | *17* | *18* | *19* |
| *1998* | *156* | *27* | *20* | *18* | *34* |
| 1999 | 153 | 25 | 20 | 19 | 30 |
| 2000 | 156 | 25 | 21 | 20 | 31 |
| 2001 | 160 | 26 | 21 | 20 | 32 |
| 2002 | 163 | 27 | 21 | 21 | 33 |
| 2003 | 167 | 27 | 22 | 21 | 35 |
| 2004 | 171 | 28 | 22 | 22 | 36 |
| 2005 | 175 | 29 | 23 | 23 | 38 |
| 2006 | 179 | 30 | 23 | 23 | 39 |
| 2007 | 184 | 31 | 23 | 24 | 41 |
| 2008 | 189 | 32 | 24 | 24 | 43 |
| 2009 | 193 | 32 | 24 | 25 | 45 |
| 2010 | 198 | 33 | 25 | 26 | 46 |
| 2011 | 202 | 34 | 25 | 26 | 48 |
| 2012 | 208 | 35 | 26 | 27 | 50 |
| 2013 | 213 | 37 | 26 | 28 | 52 |
| 2014 | 218 | 38 | 27 | 29 | 55 |
| 2015 | 223 | 39 | 27 | 29 | 57 |
| 2016 | 229 | 40 | 28 | 30 | 59 |
| 2017 | 234 | 41 | 28 | 31 | 61 |
| 2018 | 239 | 42 | 29 | 31 | 63 |
| 2019 | 244 | 43 | 29 | 32 | 65 |
| 2020 | 248 | 44 | 30 | 32 | 68 |
| 2021 | 253 | 46 | 30 | 33 | 70 |
| 2022 | 258 | 47 | 31 | 34 | 72 |
| 2023 | 262 | 48 | 31 | 34 | 74 |
| 2024 | 266 | 49 | 32 | 35 | 75 |
| 2025 | 269 | 50 | 32 | 35 | 77 |

# Appendix 2 (continued)

| 20. North Eastman - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *122* | *13* | *17* | *13* | *28* |
| *1990* | *120* | *16* | *14* | *14* | *15* |
| *1991* | *145* | *20* | *23* | *20* | *21* |
| *1992* | *163* | *18* | *20* | *23* | *34* |
| *1993* | *157* | *22* | *13* | *21* | *41* |
| *1994* | *150* | *24* | *20* | *12* | *35* |
| *1995* | *154* | *20* | *20* | *22* | *30* |
| *1996* | *130* | *20* | *19* | *12* | *23* |
| *1997* | *141* | *24* | *17* | *18* | *19* |
| *1998* | *156* | *27* | *20* | *18* | *34* |
| 1999 | 153 | 25 | 20 | 19 | 30 |
| 2000 | 157 | 25 | 21 | 20 | 31 |
| 2001 | 160 | 26 | 21 | 20 | 32 |
| 2002 | 164 | 27 | 22 | 21 | 34 |
| 2003 | 168 | 27 | 22 | 21 | 35 |
| 2004 | 173 | 28 | 22 | 22 | 37 |
| 2005 | 177 | 29 | 23 | 23 | 38 |
| 2006 | 181 | 30 | 23 | 23 | 40 |
| 2007 | 186 | 31 | 24 | 24 | 41 |
| 2008 | 191 | 32 | 24 | 25 | 43 |
| 2009 | 196 | 33 | 25 | 26 | 45 |
| 2010 | 201 | 34 | 25 | 26 | 47 |
| 2011 | 207 | 35 | 26 | 27 | 49 |
| 2012 | 212 | 36 | 26 | 28 | 51 |
| 2013 | 218 | 37 | 27 | 29 | 54 |
| 2014 | 224 | 39 | 28 | 29 | 56 |
| 2015 | 230 | 40 | 28 | 30 | 58 |
| 2016 | 236 | 41 | 29 | 31 | 61 |
| 2017 | 242 | 42 | 29 | 32 | 63 |
| 2018 | 248 | 44 | 30 | 32 | 66 |
| 2019 | 253 | 45 | 31 | 33 | 68 |
| 2020 | 259 | 46 | 31 | 34 | 70 |
| 2021 | 265 | 47 | 32 | 34 | 73 |
| 2022 | 270 | 49 | 32 | 35 | 75 |
| 2023 | 276 | 50 | 33 | 36 | 77 |
| 2024 | 280 | 51 | 33 | 36 | 79 |
| 2025 | 285 | 52 | 34 | 37 | 81 |

# Appendix 2 (continued)

| 25. South Eastman - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *142* | *12* | *23* | *16* | *19* |
| *1990* | *190* | *22* | *19* | *27* | *31* |
| *1991* | *168* | *21* | *19* | *19* | *33* |
| *1992* | *175* | *22* | *18* | *19* | *39* |
| *1993* | *180* | *19* | *27* | *20* | *35* |
| *1994* | *181* | *24* | *21* | *30* | *34* |
| *1995* | *148* | *25* | *16* | *19* | *31* |
| *1996* | *165* | *17* | *25* | *29* | *23* |
| *1997* | *190* | *21* | *29* | *26* | *25* |
| *1998* | *174* | *21* | *28* | *26* | *27* |
| 1999 | 184 | 24 | 25 | 28 | 30 |
| 2000 | 188 | 24 | 25 | 29 | 31 |
| 2001 | 192 | 25 | 26 | 29 | 32 |
| 2002 | 197 | 25 | 26 | 30 | 34 |
| 2003 | 201 | 26 | 26 | 31 | 35 |
| 2004 | 206 | 26 | 27 | 32 | 37 |
| 2005 | 210 | 27 | 27 | 33 | 38 |
| 2006 | 215 | 28 | 28 | 34 | 40 |
| 2007 | 221 | 28 | 28 | 34 | 42 |
| 2008 | 226 | 29 | 29 | 35 | 43 |
| 2009 | 230 | 30 | 29 | 36 | 45 |
| 2010 | 236 | 30 | 30 | 37 | 47 |
| 2011 | 241 | 31 | 30 | 38 | 49 |
| 2012 | 247 | 32 | 31 | 39 | 51 |
| 2013 | 253 | 33 | 31 | 40 | 53 |
| 2014 | 259 | 34 | 32 | 41 | 55 |
| 2015 | 265 | 35 | 33 | 42 | 57 |
| 2016 | 271 | 36 | 33 | 43 | 60 |
| 2017 | 277 | 37 | 34 | 44 | 62 |
| 2018 | 283 | 37 | 34 | 44 | 64 |
| 2019 | 288 | 38 | 35 | 45 | 66 |
| 2020 | 294 | 39 | 35 | 46 | 69 |
| 2021 | 300 | 40 | 36 | 47 | 71 |
| 2022 | 305 | 41 | 37 | 48 | 73 |
| 2023 | 311 | 42 | 37 | 49 | 75 |
| 2024 | 315 | 43 | 38 | 49 | 77 |
| 2025 | 320 | 44 | 38 | 50 | 78 |

# Appendix 2 (continued)

| 25. South Eastman - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *142* | *12* | *23* | *16* | *19* |
| *1990* | *190* | *22* | *19* | *27* | *31* |
| *1991* | *168* | *21* | *19* | *19* | *33* |
| *1992* | *175* | *22* | *18* | *19* | *39* |
| *1993* | *180* | *19* | *27* | *20* | *35* |
| *1994* | *181* | *24* | *21* | *30* | *34* |
| *1995* | *148* | *25* | *16* | *19* | *31* |
| *1996* | *165* | *17* | *25* | *29* | *23* |
| *1997* | *190* | *21* | *29* | *26* | *25* |
| *1998* | *174* | *21* | *28* | *26* | *27* |
| 1999 | 184 | 24 | 25 | 28 | 30 |
| 2000 | 188 | 24 | 25 | 29 | 31 |
| 2001 | 193 | 25 | 26 | 29 | 33 |
| 2002 | 198 | 25 | 26 | 30 | 34 |
| 2003 | 203 | 26 | 27 | 31 | 35 |
| 2004 | 207 | 27 | 27 | 32 | 37 |
| 2005 | 212 | 27 | 28 | 33 | 38 |
| 2006 | 218 | 28 | 28 | 34 | 40 |
| 2007 | 224 | 29 | 29 | 35 | 42 |
| 2008 | 229 | 29 | 29 | 36 | 44 |
| 2009 | 234 | 30 | 30 | 37 | 46 |
| 2010 | 240 | 31 | 30 | 38 | 48 |
| 2011 | 246 | 32 | 31 | 39 | 50 |
| 2012 | 253 | 33 | 31 | 40 | 52 |
| 2013 | 259 | 34 | 32 | 41 | 54 |
| 2014 | 266 | 35 | 33 | 42 | 56 |
| 2015 | 273 | 36 | 33 | 43 | 59 |
| 2016 | 280 | 37 | 34 | 44 | 61 |
| 2017 | 287 | 38 | 35 | 45 | 64 |
| 2018 | 293 | 38 | 35 | 46 | 66 |
| 2019 | 300 | 39 | 36 | 47 | 69 |
| 2020 | 307 | 41 | 37 | 48 | 71 |
| 2021 | 313 | 42 | 38 | 49 | 74 |
| 2022 | 320 | 43 | 38 | 50 | 76 |
| 2023 | 327 | 44 | 39 | 51 | 79 |
| 2024 | 333 | 45 | 39 | 52 | 81 |
| 2025 | 338 | 46 | 40 | 53 | 83 |

# Appendix 2 (continued)

| 30. Interlake - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *286* | *51* | *35* | *28* | *44* |
| *1990* | *288* | *53* | *32* | *45* | *37* |
| *1991* | *366* | *53* | *48* | *49* | *60* |
| *1992* | *355* | *60* | *41* | *41* | *67* |
| *1993* | *382* | *55* | *51* | *49* | *81* |
| *1994* | *363* | *52* | *46* | *51* | *65* |
| *1995* | *347* | *61* | *35* | *48* | *62* |
| *1996* | *364* | *64* | *49* | *52* | *36* |
| *1997* | *359* | *42* | *43* | *46* | *45* |
| *1998* | *349* | *54* | *40* | *42* | *56* |
| 1999 | 354 | 61 | 44 | 50 | 56 |
| 2000 | 359 | 62 | 44 | 51 | 57 |
| 2001 | 364 | 63 | 45 | 52 | 59 |
| 2002 | 368 | 64 | 45 | 53 | 61 |
| 2003 | 373 | 66 | 46 | 54 | 63 |
| 2004 | 378 | 67 | 46 | 55 | 65 |
| 2005 | 384 | 68 | 46 | 56 | 67 |
| 2006 | 389 | 69 | 47 | 57 | 69 |
| 2007 | 396 | 71 | 47 | 59 | 72 |
| 2008 | 402 | 72 | 48 | 60 | 74 |
| 2009 | 408 | 74 | 48 | 61 | 77 |
| 2010 | 415 | 76 | 49 | 62 | 79 |
| 2011 | 423 | 77 | 49 | 63 | 82 |
| 2012 | 430 | 79 | 50 | 64 | 85 |
| 2013 | 438 | 81 | 51 | 66 | 88 |
| 2014 | 446 | 83 | 52 | 67 | 91 |
| 2015 | 454 | 85 | 52 | 68 | 95 |
| 2016 | 462 | 87 | 53 | 69 | 98 |
| 2017 | 470 | 89 | 54 | 70 | 101 |
| 2018 | 477 | 90 | 54 | 71 | 104 |
| 2019 | 484 | 92 | 55 | 72 | 107 |
| 2020 | 491 | 94 | 56 | 73 | 110 |
| 2021 | 499 | 96 | 56 | 74 | 113 |
| 2022 | 506 | 98 | 57 | 75 | 116 |
| 2023 | 512 | 100 | 58 | 76 | 119 |
| 2024 | 518 | 102 | 58 | 77 | 121 |
| 2025 | 523 | 103 | 58 | 78 | 123 |

# Appendix 2 (continued)

| 30. Interlake - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *286* | *51* | *35* | *28* | *44* |
| *1990* | *288* | *53* | *32* | *45* | *37* |
| *1991* | *366* | *53* | *48* | *49* | *60* |
| *1992* | *355* | *60* | *41* | *41* | *67* |
| *1993* | *382* | *55* | *51* | *49* | *81* |
| *1994* | *363* | *52* | *46* | *51* | *65* |
| *1995* | *347* | *61* | *35* | *48* | *62* |
| *1996* | *364* | *64* | *49* | *52* | *36* |
| *1997* | *359* | *42* | *43* | *46* | *45* |
| *1998* | *349* | *54* | *40* | *42* | *56* |
| 1999 | 354 | 61 | 44 | 50 | 56 |
| 2000 | 359 | 62 | 44 | 51 | 57 |
| 2001 | 365 | 64 | 45 | 52 | 59 |
| 2002 | 370 | 65 | 45 | 53 | 61 |
| 2003 | 376 | 66 | 46 | 54 | 63 |
| 2004 | 381 | 67 | 46 | 56 | 65 |
| 2005 | 387 | 68 | 47 | 57 | 68 |
| 2006 | 394 | 70 | 47 | 58 | 70 |
| 2007 | 401 | 72 | 48 | 59 | 72 |
| 2008 | 408 | 73 | 48 | 61 | 75 |
| 2009 | 415 | 75 | 49 | 62 | 78 |
| 2010 | 423 | 77 | 50 | 63 | 81 |
| 2011 | 432 | 79 | 50 | 65 | 84 |
| 2012 | 441 | 81 | 51 | 66 | 87 |
| 2013 | 450 | 83 | 52 | 67 | 91 |
| 2014 | 459 | 85 | 53 | 69 | 94 |
| 2015 | 468 | 87 | 54 | 70 | 97 |
| 2016 | 478 | 89 | 55 | 72 | 101 |
| 2017 | 487 | 91 | 55 | 73 | 105 |
| 2018 | 495 | 93 | 56 | 74 | 108 |
| 2019 | 504 | 95 | 57 | 76 | 111 |
| 2020 | 513 | 98 | 58 | 77 | 115 |
| 2021 | 523 | 100 | 59 | 78 | 119 |
| 2022 | 532 | 102 | 60 | 79 | 122 |
| 2023 | 540 | 105 | 60 | 80 | 125 |
| 2024 | 548 | 107 | 61 | 82 | 128 |
| 2025 | 554 | 109 | 62 | 83 | 131 |

# Appendix 2 (continued)

| 40. Central - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *331* | *43* | *42* | *28* | *56* |
| *1990* | *383* | *51* | *41* | *43* | *78* |
| *1991* | *391* | *50* | *48* | *45* | *82* |
| *1992* | *441* | *44* | *66* | *53* | *88* |
| *1993* | *422* | *42* | *46* | *55* | *97* |
| *1994* | *399* | *49* | *58* | *57* | *63* |
| *1995* | *374* | *47* | *52* | *49* | *64* |
| *1996* | *380* | *51* | *52* | *62* | *50* |
| *1997* | *374* | *48* | *70* | *38* | *51* |
| *1998* | *420* | *69* | *51* | *51* | *49* |
| 1999 | 403 | 55 | 58 | 57 | 64 |
| 2000 | 406 | 55 | 58 | 58 | 65 |
| 2001 | 409 | 56 | 58 | 59 | 67 |
| 2002 | 413 | 56 | 59 | 60 | 68 |
| 2003 | 416 | 57 | 59 | 61 | 70 |
| 2004 | 421 | 58 | 59 | 62 | 72 |
| 2005 | 425 | 59 | 59 | 63 | 74 |
| 2006 | 429 | 59 | 59 | 64 | 76 |
| 2007 | 435 | 60 | 60 | 65 | 78 |
| 2008 | 440 | 61 | 60 | 66 | 80 |
| 2009 | 446 | 62 | 60 | 67 | 83 |
| 2010 | 452 | 64 | 61 | 68 | 86 |
| 2011 | 458 | 65 | 61 | 69 | 88 |
| 2012 | 465 | 66 | 62 | 71 | 91 |
| 2013 | 473 | 67 | 62 | 72 | 94 |
| 2014 | 481 | 69 | 63 | 73 | 98 |
| 2015 | 489 | 70 | 64 | 74 | 101 |
| 2016 | 498 | 72 | 64 | 76 | 105 |
| 2017 | 506 | 73 | 65 | 77 | 108 |
| 2018 | 514 | 75 | 66 | 78 | 112 |
| 2019 | 523 | 76 | 67 | 79 | 115 |
| 2020 | 531 | 78 | 67 | 80 | 119 |
| 2021 | 540 | 80 | 68 | 82 | 122 |
| 2022 | 547 | 81 | 69 | 83 | 125 |
| 2023 | 555 | 83 | 70 | 84 | 128 |
| 2024 | 562 | 85 | 70 | 85 | 131 |
| 2025 | 568 | 86 | 71 | 86 | 133 |

# Appendix 2 (continued)

| 40. Central - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *331* | *43* | *42* | *28* | *56* |
| *1990* | *383* | *51* | *41* | *43* | *78* |
| *1991* | *391* | *50* | *48* | *45* | *82* |
| *1992* | *441* | *44* | *66* | *53* | *88* |
| *1993* | *422* | *42* | *46* | *55* | *97* |
| *1994* | *399* | *49* | *58* | *57* | *63* |
| *1995* | *374* | *47* | *52* | *49* | *64* |
| *1996* | *380* | *51* | *52* | *62* | *50* |
| *1997* | *374* | *48* | *70* | *38* | *51* |
| *1998* | *420* | *69* | *51* | *51* | *49* |
| 1999 | 403 | 55 | 58 | 57 | 64 |
| 2000 | 407 | 55 | 58 | 58 | 66 |
| 2001 | 410 | 56 | 59 | 59 | 67 |
| 2002 | 415 | 57 | 59 | 60 | 69 |
| 2003 | 419 | 57 | 59 | 61 | 70 |
| 2004 | 424 | 58 | 59 | 62 | 72 |
| 2005 | 429 | 59 | 60 | 63 | 74 |
| 2006 | 434 | 60 | 60 | 64 | 76 |
| 2007 | 440 | 61 | 60 | 66 | 79 |
| 2008 | 447 | 62 | 61 | 67 | 81 |
| 2009 | 453 | 63 | 61 | 68 | 84 |
| 2010 | 460 | 64 | 62 | 69 | 87 |
| 2011 | 468 | 66 | 62 | 71 | 90 |
| 2012 | 476 | 67 | 63 | 72 | 93 |
| 2013 | 485 | 69 | 64 | 74 | 97 |
| 2014 | 495 | 70 | 65 | 75 | 100 |
| 2015 | 504 | 72 | 65 | 77 | 104 |
| 2016 | 514 | 74 | 66 | 78 | 108 |
| 2017 | 524 | 75 | 67 | 79 | 112 |
| 2018 | 533 | 77 | 68 | 81 | 116 |
| 2019 | 544 | 79 | 69 | 82 | 120 |
| 2020 | 554 | 81 | 70 | 84 | 124 |
| 2021 | 564 | 83 | 71 | 85 | 128 |
| 2022 | 574 | 85 | 72 | 87 | 131 |
| 2023 | 583 | 86 | 73 | 88 | 135 |
| 2024 | 592 | 88 | 74 | 90 | 138 |
| 2025 | 600 | 90 | 75 | 91 | 141 |

# Appendix 2 (continued)

| 50. Marquette - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *189* | *23* | *32* | *24* | *35* |
| *1990* | *205* | *31* | *25* | *27* | *19* |
| *1991* | *228* | *28* | *28* | *18* | *36* |
| *1992* | *236* | *29* | *35* | *20* | *53* |
| *1993* | *243* | *36* | *29* | *33* | *55* |
| *1994* | *233* | *31* | *28* | *36* | *52* |
| *1995* | *231* | *34* | *35* | *32* | *39* |
| *1996* | *219* | *29* | *42* | *25* | *43* |
| *1997* | *221* | *31* | *33* | *30* | *40* |
| *1998* | *205* | *34* | *31* | *31* | *31* |
| 1999 | 210 | 33 | 33 | 30 | 35 |
| 2000 | 210 | 33 | 32 | 30 | 36 |
| 2001 | 210 | 33 | 32 | 30 | 36 |
| 2002 | 210 | 33 | 32 | 30 | 36 |
| 2003 | 209 | 33 | 32 | 31 | 37 |
| 2004 | 209 | 33 | 31 | 31 | 37 |
| 2005 | 209 | 34 | 31 | 31 | 38 |
| 2006 | 210 | 34 | 31 | 31 | 38 |
| 2007 | 210 | 34 | 31 | 32 | 39 |
| 2008 | 211 | 34 | 31 | 32 | 40 |
| 2009 | 212 | 34 | 31 | 32 | 40 |
| 2010 | 213 | 35 | 31 | 33 | 41 |
| 2011 | 213 | 35 | 30 | 33 | 42 |
| 2012 | 215 | 35 | 30 | 33 | 43 |
| 2013 | 216 | 36 | 30 | 34 | 44 |
| 2014 | 218 | 36 | 30 | 34 | 45 |
| 2015 | 220 | 37 | 30 | 34 | 46 |
| 2016 | 223 | 37 | 31 | 35 | 47 |
| 2017 | 225 | 38 | 31 | 35 | 49 |
| 2018 | 227 | 38 | 31 | 35 | 50 |
| 2019 | 229 | 39 | 31 | 36 | 51 |
| 2020 | 231 | 39 | 31 | 36 | 52 |
| 2021 | 233 | 40 | 31 | 36 | 53 |
| 2022 | 235 | 40 | 31 | 37 | 54 |
| 2023 | 237 | 41 | 31 | 37 | 55 |
| 2024 | 239 | 41 | 32 | 38 | 56 |
| 2025 | 240 | 42 | 32 | 38 | 56 |

# Appendix 2 (continued)

| 50. Marquette - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *189* | *23* | *32* | *24* | *35* |
| *1990* | *205* | *31* | *25* | *27* | *19* |
| *1991* | *228* | *28* | *28* | *18* | *36* |
| *1992* | *236* | *29* | *35* | *20* | *53* |
| *1993* | *243* | *36* | *29* | *33* | *55* |
| *1994* | *233* | *31* | *28* | *36* | *52* |
| *1995* | *231* | *34* | *35* | *32* | *39* |
| *1996* | *219* | *29* | *42* | *25* | *43* |
| *1997* | *221* | *31* | *33* | *30* | *40* |
| *1998* | *205* | *34* | *31* | *31* | *31* |
| 1999 | 210 | 33 | 33 | 30 | 35 |
| 2000 | 211 | 33 | 32 | 30 | 36 |
| 2001 | 210 | 33 | 32 | 30 | 36 |
| 2002 | 210 | 33 | 32 | 31 | 36 |
| 2003 | 210 | 34 | 32 | 31 | 37 |
| 2004 | 211 | 34 | 32 | 31 | 37 |
| 2005 | 211 | 34 | 31 | 31 | 38 |
| 2006 | 212 | 34 | 31 | 32 | 39 |
| 2007 | 213 | 34 | 31 | 32 | 39 |
| 2008 | 214 | 35 | 31 | 32 | 40 |
| 2009 | 215 | 35 | 31 | 33 | 41 |
| 2010 | 216 | 35 | 31 | 33 | 42 |
| 2011 | 218 | 36 | 31 | 34 | 43 |
| 2012 | 219 | 36 | 31 | 34 | 43 |
| 2013 | 221 | 36 | 31 | 34 | 45 |
| 2014 | 224 | 37 | 31 | 35 | 46 |
| 2015 | 227 | 37 | 31 | 35 | 47 |
| 2016 | 230 | 38 | 31 | 36 | 49 |
| 2017 | 233 | 39 | 32 | 36 | 50 |
| 2018 | 235 | 39 | 32 | 37 | 51 |
| 2019 | 238 | 40 | 32 | 37 | 53 |
| 2020 | 241 | 41 | 32 | 38 | 54 |
| 2021 | 243 | 41 | 32 | 38 | 55 |
| 2022 | 246 | 42 | 33 | 38 | 57 |
| 2023 | 249 | 42 | 33 | 39 | 58 |
| 2024 | 252 | 43 | 33 | 40 | 59 |
| 2025 | 254 | 44 | 33 | 40 | 60 |

# Appendix 2 (continued)

| 55. South Westman - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *200* | *34* | *31* | *30* | *25* |
| *1990* | *184* | *26* | *39* | *23* | *26* |
| *1991* | *200* | *23* | *25* | *34* | *30* |
| *1992* | *257* | *29* | *37* | *27* | *56* |
| *1993* | *226* | *21* | *33* | *31* | *54* |
| *1994* | *214* | *27* | *30* | *32* | *42* |
| *1995* | *229* | *34* | *38* | *31* | *45* |
| *1996* | *207* | *21* | *42* | *21* | *29* |
| *1997* | *209* | *28* | *38* | *26* | *28* |
| *1998* | *208* | *22* | *40* | *31* | *26* |
| 1999 | 200 | 27 | 35 | 28 | 33 |
| 2000 | 200 | 28 | 35 | 28 | 33 |
| 2001 | 199 | 28 | 35 | 28 | 33 |
| 2002 | 199 | 28 | 34 | 28 | 34 |
| 2003 | 198 | 28 | 34 | 28 | 34 |
| 2004 | 198 | 28 | 34 | 29 | 34 |
| 2005 | 197 | 28 | 34 | 29 | 35 |
| 2006 | 198 | 28 | 33 | 29 | 35 |
| 2007 | 198 | 28 | 33 | 29 | 36 |
| 2008 | 199 | 29 | 33 | 30 | 36 |
| 2009 | 199 | 29 | 33 | 30 | 37 |
| 2010 | 200 | 29 | 33 | 30 | 38 |
| 2011 | 200 | 29 | 33 | 30 | 38 |
| 2012 | 201 | 30 | 33 | 31 | 39 |
| 2013 | 203 | 30 | 33 | 31 | 40 |
| 2014 | 204 | 30 | 33 | 31 | 41 |
| 2015 | 206 | 31 | 33 | 31 | 42 |
| 2016 | 208 | 31 | 33 | 32 | 43 |
| 2017 | 209 | 32 | 33 | 32 | 44 |
| 2018 | 211 | 32 | 33 | 32 | 45 |
| 2019 | 213 | 32 | 33 | 32 | 46 |
| 2020 | 215 | 33 | 33 | 33 | 47 |
| 2021 | 216 | 33 | 33 | 33 | 48 |
| 2022 | 217 | 34 | 33 | 33 | 49 |
| 2023 | 218 | 34 | 33 | 33 | 49 |
| 2024 | 219 | 34 | 33 | 34 | 50 |
| 2025 | 220 | 35 | 33 | 34 | 51 |

# Appendix 2 (continued)

| 55. South Westman - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *200* | *34* | *31* | *30* | *25* |
| *1990* | *184* | *26* | *39* | *23* | *26* |
| *1991* | *200* | *23* | *25* | *34* | *30* |
| *1992* | *257* | *29* | *37* | *27* | *56* |
| *1993* | *226* | *21* | *33* | *31* | *54* |
| *1994* | *214* | *27* | *30* | *32* | *42* |
| *1995* | *229* | *34* | *38* | *31* | *45* |
| *1996* | *207* | *21* | *42* | *21* | *29* |
| *1997* | *209* | *28* | *38* | *26* | *28* |
| *1998* | *208* | *22* | *40* | *31* | *26* |
| 1999 | 200 | 27 | 35 | 28 | 33 |
| 2000 | 200 | 28 | 35 | 28 | 33 |
| 2001 | 200 | 28 | 35 | 28 | 33 |
| 2002 | 199 | 28 | 35 | 28 | 34 |
| 2003 | 199 | 28 | 34 | 29 | 34 |
| 2004 | 199 | 28 | 34 | 29 | 34 |
| 2005 | 199 | 28 | 34 | 29 | 35 |
| 2006 | 200 | 28 | 34 | 29 | 35 |
| 2007 | 200 | 29 | 34 | 30 | 36 |
| 2008 | 201 | 29 | 34 | 30 | 37 |
| 2009 | 202 | 29 | 33 | 30 | 38 |
| 2010 | 204 | 30 | 33 | 31 | 38 |
| 2011 | 204 | 30 | 33 | 31 | 39 |
| 2012 | 206 | 30 | 33 | 31 | 40 |
| 2013 | 207 | 31 | 33 | 32 | 41 |
| 2014 | 209 | 31 | 33 | 32 | 42 |
| 2015 | 211 | 31 | 33 | 32 | 43 |
| 2016 | 214 | 32 | 34 | 33 | 45 |
| 2017 | 216 | 32 | 34 | 33 | 46 |
| 2018 | 218 | 33 | 34 | 33 | 47 |
| 2019 | 221 | 33 | 34 | 34 | 48 |
| 2020 | 223 | 34 | 34 | 34 | 49 |
| 2021 | 225 | 34 | 34 | 34 | 50 |
| 2022 | 226 | 35 | 35 | 35 | 51 |
| 2023 | 228 | 35 | 35 | 35 | 52 |
| 2024 | 230 | 36 | 35 | 35 | 53 |
| 2025 | 232 | 36 | 35 | 36 | 53 |

# Appendix 2 (continued)

| 60. Parkland -Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *216* | *33* | *24* | *41* | *26* |
| *1990* | *204* | *32* | *33* | *18* | *27* |
| *1991* | *242* | *32* | *36* | *14* | *41* |
| *1992* | *234* | *31* | *29* | *31* | *50* |
| *1993* | *268* | *36* | *37* | *23* | *75* |
| *1994* | *253* | *37* | *23* | *34* | *47* |
| *1995* | *244* | *30* | *35* | *29* | *56* |
| *1996* | *242* | *35* | *24* | *27* | *51* |
| *1997* | *248* | *38* | *37* | *36* | *40* |
| *1998* | *243* | *45* | *38* | *32* | *40* |
| 1999 | 235 | 38 | 34 | 30 | 39 |
| 2000 | 234 | 38 | 34 | 30 | 39 |
| 2001 | 233 | 38 | 33 | 30 | 40 |
| 2002 | 233 | 38 | 33 | 30 | 40 |
| 2003 | 233 | 38 | 33 | 30 | 40 |
| 2004 | 233 | 39 | 33 | 31 | 41 |
| 2005 | 233 | 39 | 32 | 31 | 41 |
| 2006 | 233 | 39 | 32 | 31 | 42 |
| 2007 | 233 | 39 | 32 | 31 | 43 |
| 2008 | 234 | 39 | 32 | 32 | 43 |
| 2009 | 234 | 39 | 32 | 32 | 44 |
| 2010 | 234 | 40 | 31 | 32 | 45 |
| 2011 | 235 | 40 | 31 | 32 | 46 |
| 2012 | 236 | 40 | 31 | 33 | 47 |
| 2013 | 238 | 41 | 31 | 33 | 48 |
| 2014 | 241 | 41 | 31 | 33 | 49 |
| 2015 | 242 | 42 | 31 | 34 | 50 |
| 2016 | 244 | 42 | 31 | 34 | 51 |
| 2017 | 245 | 43 | 32 | 34 | 52 |
| 2018 | 247 | 43 | 32 | 34 | 53 |
| 2019 | 248 | 43 | 32 | 35 | 54 |
| 2020 | 251 | 44 | 32 | 35 | 55 |
| 2021 | 253 | 45 | 32 | 35 | 57 |
| 2022 | 254 | 45 | 32 | 36 | 58 |
| 2023 | 256 | 45 | 32 | 36 | 58 |
| 2024 | 258 | 46 | 32 | 36 | 59 |
| 2025 | 258 | 46 | 32 | 37 | 60 |

# Appendix 2 (continued)

| 60. Parkland - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *216* | *33* | *24* | *41* | *26* |
| *1990* | *204* | *32* | *33* | *18* | *27* |
| *1991* | *242* | *32* | *36* | *14* | *41* |
| *1992* | *234* | *31* | *29* | *31* | *50* |
| *1993* | *268* | *36* | *37* | *23* | *75* |
| *1994* | *253* | *37* | *23* | *34* | *47* |
| *1995* | *244* | *30* | *35* | *29* | *56* |
| *1996* | *242* | *35* | *24* | *27* | *51* |
| *1997* | *248* | *38* | *37* | *36* | *40* |
| *1998* | *243* | *45* | *38* | *32* | *40* |
| 1999 | 235 | 38 | 34 | 30 | 39 |
| 2000 | 235 | 38 | 34 | 30 | 39 |
| 2001 | 234 | 38 | 33 | 30 | 40 |
| 2002 | 234 | 38 | 33 | 30 | 40 |
| 2003 | 234 | 39 | 33 | 31 | 41 |
| 2004 | 235 | 39 | 33 | 31 | 41 |
| 2005 | 235 | 39 | 33 | 31 | 42 |
| 2006 | 236 | 39 | 33 | 31 | 43 |
| 2007 | 236 | 39 | 32 | 32 | 43 |
| 2008 | 237 | 40 | 32 | 32 | 44 |
| 2009 | 238 | 40 | 32 | 32 | 45 |
| 2010 | 239 | 40 | 32 | 33 | 46 |
| 2011 | 240 | 41 | 32 | 33 | 47 |
| 2012 | 242 | 41 | 32 | 33 | 48 |
| 2013 | 244 | 41 | 32 | 34 | 49 |
| 2014 | 247 | 42 | 32 | 34 | 50 |
| 2015 | 249 | 43 | 32 | 35 | 51 |
| 2016 | 251 | 43 | 32 | 35 | 53 |
| 2017 | 254 | 44 | 32 | 35 | 54 |
| 2018 | 256 | 44 | 33 | 36 | 55 |
| 2019 | 258 | 45 | 33 | 36 | 56 |
| 2020 | 261 | 45 | 33 | 37 | 58 |
| 2021 | 264 | 46 | 33 | 37 | 59 |
| 2022 | 267 | 47 | 33 | 37 | 60 |
| 2023 | 269 | 47 | 33 | 38 | 61 |
| 2024 | 272 | 48 | 34 | 38 | 62 |
| 2025 | 273 | 49 | 34 | 39 | 63 |

# Appendix 2 (continued)

| 70. Norman - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *63* | *14* | *5* | *11* | *3* |
| *1990* | *54* | *11* | *4* | *11* | *1* |
| *1991* | *62* | *9* | *11* | *10* | *6* |
| *1992* | *90* | *15* | *10* | *11* | *6* |
| *1993* | *91* | *12* | *11* | *10* | *20* |
| *1994* | *83* | *13* | *14* | *6* | *21* |
| *1995* | *86* | *12* | *15* | *5* | *22* |
| *1996* | *75* | *15* | *7* | *20* | *7* |
| *1997* | *87* | *15* | *11* | *12* | *4* |
| *1998* | *73* | *13* | *11* | *11* | *11* |
| 1999 | 79 | 15 | 9 | 11 | 10 |
| 2000 | 80 | 16 | 9 | 12 | 11 |
| 2001 | 82 | 16 | 10 | 12 | 11 |
| 2002 | 83 | 16 | 10 | 12 | 11 |
| 2003 | 84 | 16 | 10 | 12 | 12 |
| 2004 | 86 | 17 | 10 | 13 | 12 |
| 2005 | 87 | 17 | 10 | 13 | 13 |
| 2006 | 89 | 18 | 10 | 13 | 13 |
| 2007 | 92 | 18 | 10 | 14 | 14 |
| 2008 | 94 | 19 | 10 | 14 | 15 |
| 2009 | 96 | 19 | 11 | 14 | 15 |
| 2010 | 99 | 20 | 11 | 15 | 16 |
| 2011 | 101 | 20 | 11 | 15 | 17 |
| 2012 | 103 | 21 | 11 | 15 | 17 |
| 2013 | 105 | 21 | 11 | 15 | 18 |
| 2014 | 107 | 22 | 12 | 16 | 19 |
| 2015 | 109 | 22 | 12 | 16 | 19 |
| 2016 | 111 | 23 | 12 | 16 | 20 |
| 2017 | 114 | 24 | 12 | 17 | 21 |
| 2018 | 116 | 24 | 12 | 17 | 22 |
| 2019 | 118 | 25 | 12 | 17 | 23 |
| 2020 | 120 | 25 | 13 | 18 | 23 |
| 2021 | 122 | 26 | 13 | 18 | 24 |
| 2022 | 124 | 26 | 13 | 18 | 25 |
| 2023 | 125 | 27 | 13 | 18 | 25 |
| 2024 | 127 | 27 | 13 | 19 | 26 |
| 2025 | 128 | 28 | 13 | 19 | 26 |

# Appendix 2 (continued)

| 70. Norman - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *63* | *14* | *5* | *11* | *3* |
| *1990* | *54* | *11* | *4* | *11* | *1* |
| *1991* | *62* | *9* | *11* | *10* | *6* |
| *1992* | *90* | *15* | *10* | *11* | *6* |
| *1993* | *91* | *12* | *11* | *10* | *20* |
| *1994* | *83* | *13* | *14* | *6* | *21* |
| *1995* | *86* | *12* | *15* | *5* | *22* |
| *1996* | *75* | *15* | *7* | *20* | *7* |
| *1997* | *87* | *15* | *11* | *12* | *4* |
| *1998* | *73* | *13* | *11* | *11* | *11* |
| 1999 | 79 | 15 | 9 | 11 | 10 |
| 2000 | 81 | 16 | 9 | 12 | 11 |
| 2001 | 82 | 16 | 10 | 12 | 11 |
| 2002 | 84 | 16 | 10 | 12 | 11 |
| 2003 | 85 | 17 | 10 | 12 | 12 |
| 2004 | 87 | 17 | 10 | 13 | 12 |
| 2005 | 89 | 17 | 10 | 13 | 13 |
| 2006 | 91 | 18 | 10 | 13 | 13 |
| 2007 | 93 | 18 | 10 | 14 | 14 |
| 2008 | 96 | 19 | 11 | 14 | 15 |
| 2009 | 98 | 19 | 11 | 14 | 16 |
| 2010 | 101 | 20 | 11 | 15 | 17 |
| 2011 | 103 | 21 | 11 | 15 | 17 |
| 2012 | 106 | 21 | 11 | 16 | 18 |
| 2013 | 108 | 22 | 12 | 16 | 19 |
| 2014 | 111 | 22 | 12 | 16 | 20 |
| 2015 | 113 | 23 | 12 | 17 | 20 |
| 2016 | 115 | 24 | 12 | 17 | 21 |
| 2017 | 119 | 24 | 13 | 18 | 22 |
| 2018 | 121 | 25 | 13 | 18 | 23 |
| 2019 | 124 | 26 | 13 | 18 | 24 |
| 2020 | 127 | 27 | 13 | 19 | 25 |
| 2021 | 129 | 27 | 14 | 19 | 25 |
| 2022 | 132 | 28 | 14 | 19 | 26 |
| 2023 | 133 | 28 | 14 | 20 | 27 |
| 2024 | 136 | 29 | 14 | 20 | 27 |
| 2025 | 137 | 29 | 14 | 20 | 28 |

# Appendix 2 (continued)

| 80. Burntwood - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *39* | *6* | *2* | *4* | *2* |
| *1990* | *52* | *9* | *5* | *7* | *5* |
| *1991* | *49* | *8* | *7* | *6* | *5* |
| *1992* | *56* | *9* | *6* | *8* | *2* |
| *1993* | *66* | *7* | *5* | *6* | *11* |
| *1994* | *58* | *10* | *4* | *7* | *9* |
| *1995* | *60* | *15* | *3* | *6* | *7* |
| *1996* | *66* | *7* | *6* | *12* | *8* |
| *1997* | *60* | *4* | *11* | *4* | *8* |
| *1998* | *71* | *4* | *9* | *2* | *7* |
| 1999 | 67 | 10 | 7 | 7 | 9 |
| 2000 | 69 | 10 | 8 | 8 | 9 |
| 2001 | 71 | 10 | 8 | 8 | 9 |
| 2002 | 73 | 11 | 8 | 8 | 10 |
| 2003 | 75 | 11 | 8 | 9 | 10 |
| 2004 | 77 | 11 | 8 | 9 | 11 |
| 2005 | 80 | 12 | 9 | 9 | 12 |
| 2006 | 82 | 12 | 9 | 9 | 12 |
| 2007 | 85 | 13 | 9 | 10 | 13 |
| 2008 | 87 | 13 | 9 | 10 | 14 |
| 2009 | 90 | 14 | 10 | 10 | 14 |
| 2010 | 92 | 14 | 10 | 11 | 15 |
| 2011 | 95 | 15 | 10 | 11 | 16 |
| 2012 | 97 | 15 | 10 | 11 | 16 |
| 2013 | 100 | 16 | 10 | 12 | 17 |
| 2014 | 102 | 16 | 11 | 12 | 18 |
| 2015 | 105 | 17 | 11 | 12 | 19 |
| 2016 | 108 | 17 | 11 | 13 | 19 |
| 2017 | 110 | 18 | 11 | 13 | 20 |
| 2018 | 113 | 18 | 12 | 13 | 21 |
| 2019 | 115 | 19 | 12 | 14 | 22 |
| 2020 | 118 | 19 | 12 | 14 | 22 |
| 2021 | 121 | 20 | 12 | 14 | 23 |
| 2022 | 123 | 20 | 13 | 15 | 24 |
| 2023 | 126 | 21 | 13 | 15 | 25 |
| 2024 | 128 | 22 | 13 | 15 | 25 |
| 2025 | 131 | 22 | 13 | 16 | 26 |

# Appendix 2 (continued)

| 80. Burntwood - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *39* | *6* | *2* | *4* | *2* |
| *1990* | *52* | *9* | *5* | *7* | *5* |
| *1991* | *49* | *8* | *7* | *6* | *5* |
| *1992* | *56* | *9* | *6* | *8* | *2* |
| *1993* | *66* | *7* | *5* | *6* | *11* |
| *1994* | *58* | *10* | *4* | *7* | *9* |
| *1995* | *60* | *15* | *3* | *6* | *7* |
| *1996* | *66* | *7* | *6* | *12* | *8* |
| *1997* | *60* | *4* | *11* | *4* | *8* |
| *1998* | *71* | *4* | *9* | *2* | *7* |
| 1999 | 67 | 10 | 7 | 7 | 9 |
| 2000 | 69 | 10 | 8 | 8 | 9 |
| 2001 | 71 | 10 | 8 | 8 | 10 |
| 2002 | 74 | 11 | 8 | 8 | 10 |
| 2003 | 76 | 11 | 8 | 9 | 11 |
| 2004 | 78 | 12 | 8 | 9 | 11 |
| 2005 | 81 | 12 | 9 | 9 | 12 |
| 2006 | 83 | 12 | 9 | 10 | 12 |
| 2007 | 86 | 13 | 9 | 10 | 13 |
| 2008 | 89 | 13 | 9 | 10 | 14 |
| 2009 | 91 | 14 | 10 | 10 | 15 |
| 2010 | 94 | 14 | 10 | 11 | 15 |
| 2011 | 97 | 15 | 10 | 11 | 16 |
| 2012 | 100 | 15 | 10 | 12 | 17 |
| 2013 | 103 | 16 | 11 | 12 | 18 |
| 2014 | 106 | 16 | 11 | 12 | 18 |
| 2015 | 109 | 17 | 11 | 13 | 19 |
| 2016 | 111 | 18 | 12 | 13 | 20 |
| 2017 | 114 | 18 | 12 | 13 | 21 |
| 2018 | 117 | 19 | 12 | 14 | 22 |
| 2019 | 120 | 19 | 12 | 14 | 22 |
| 2020 | 123 | 20 | 13 | 15 | 23 |
| 2021 | 127 | 21 | 13 | 15 | 24 |
| 2022 | 130 | 21 | 13 | 15 | 25 |
| 2023 | 133 | 22 | 13 | 16 | 26 |
| 2024 | 136 | 23 | 14 | 16 | 27 |
| 2025 | 138 | 23 | 14 | 17 | 28 |

# Appendix 2 (continued)

| 90. Churchill – Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *0* | *0* | *0* | *0* | *0* |
| *1990* | *2* | *0* | *0* | *1* | *0* |
| *1991* | *2* | *0* | *0* | *0* | *0* |
| *1992* | *1* | *0* | *0* | *0* | *0* |
| *1993* | *1* | *0* | *0* | *0* | *0* |
| *1994* | *1* | *1* | *0* | *0* | *0* |
| *1995* | *6* | *0* | *0* | *1* | *0* |
| *1996* | *5* | *0* | *0* | *2* | *0* |
| *1997* | *4* | *0* | *0* | *3* | *0* |
| *1998* | *2* | *0* | *0* | *0* | *1* |
| 1999 | 3 | 0 | 0 | 0 | 0 |
| 2000 | 3 | 0 | 0 | 0 | 0 |
| 2001 | 3 | 0 | 0 | 0 | 0 |
| 2002 | 4 | 0 | 0 | 0 | 0 |
| 2003 | 4 | 0 | 0 | 0 | 0 |
| 2004 | 4 | 0 | 0 | 1 | 0 |
| 2005 | 4 | 0 | 0 | 1 | 0 |
| 2006 | 4 | 0 | 0 | 1 | 0 |
| 2007 | 4 | 1 | 0 | 1 | 0 |
| 2008 | 5 | 1 | 0 | 1 | 0 |
| 2009 | 5 | 1 | 0 | 1 | 0 |
| 2010 | 5 | 1 | 0 | 1 | 1 |
| 2011 | 5 | 1 | 0 | 1 | 1 |
| 2012 | 5 | 1 | 0 | 1 | 1 |
| 2013 | 6 | 1 | 0 | 1 | 1 |
| 2014 | 6 | 1 | 0 | 1 | 1 |
| 2015 | 6 | 1 | 0 | 1 | 1 |
| 2016 | 6 | 1 | 0 | 1 | 1 |
| 2017 | 6 | 1 | 1 | 1 | 1 |
| 2018 | 6 | 1 | 1 | 1 | 1 |
| 2019 | 7 | 1 | 1 | 1 | 1 |
| 2020 | 7 | 1 | 1 | 1 | 1 |
| 2021 | 7 | 1 | 1 | 1 | 1 |
| 2022 | 7 | 1 | 1 | 1 | 1 |
| 2023 | 7 | 1 | 1 | 1 | 1 |
| 2024 | 7 | 1 | 1 | 1 | 1 |
| 2025 | 7 | 1 | 1 | 1 | 1 |

# Appendix 2 (continued)

| 90. Churchill - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *0* | *0* | *0* | *0* | *0* |
| *1990* | *2* | *0* | *0* | *1* | *0* |
| *1991* | *2* | *0* | *0* | *0* | *0* |
| *1992* | *1* | *0* | *0* | *0* | *0* |
| *1993* | *1* | *0* | *0* | *0* | *0* |
| *1994* | *1* | *1* | *0* | *0* | *0* |
| *1995* | *6* | *0* | *0* | *1* | *0* |
| *1996* | *5* | *0* | *0* | *2* | *0* |
| *1997* | *4* | *0* | *0* | *3* | *0* |
| *1998* | *2* | *0* | *0* | *0* | *1* |
| 1999 | 3 | 0 | 0 | 0 | 0 |
| 2000 | 3 | 0 | 0 | 0 | 0 |
| 2001 | 3 | 0 | 0 | 0 | 0 |
| 2002 | 4 | 0 | 0 | 0 | 0 |
| 2003 | 4 | 0 | 0 | 1 | 0 |
| 2004 | 4 | 0 | 0 | 1 | 0 |
| 2005 | 4 | 0 | 0 | 1 | 0 |
| 2006 | 4 | 0 | 0 | 1 | 0 |
| 2007 | 4 | 1 | 0 | 1 | 0 |
| 2008 | 5 | 1 | 0 | 1 | 0 |
| 2009 | 5 | 1 | 0 | 1 | 0 |
| 2010 | 5 | 1 | 0 | 1 | 1 |
| 2011 | 5 | 1 | 0 | 1 | 1 |
| 2012 | 5 | 1 | 0 | 1 | 1 |
| 2013 | 6 | 1 | 0 | 1 | 1 |
| 2014 | 6 | 1 | 0 | 1 | 1 |
| 2015 | 6 | 1 | 0 | 1 | 1 |
| 2016 | 6 | 1 | 1 | 1 | 1 |
| 2017 | 7 | 1 | 1 | 1 | 1 |
| 2018 | 7 | 1 | 1 | 1 | 1 |
| 2019 | 7 | 1 | 1 | 1 | 1 |
| 2020 | 7 | 1 | 1 | 1 | 1 |
| 2021 | 7 | 1 | 1 | 1 | 1 |
| 2022 | 7 | 1 | 1 | 1 | 1 |
| 2023 | 8 | 1 | 1 | 1 | 1 |
| 2024 | 8 | 1 | 1 | 1 | 1 |
| 2025 | 8 | 1 | 1 | 1 | 1 |

# Appendix 3

## Actual (1989-1998) and projected (1999-2025) cancer prevalence by RHA, year and site, Low and High models

# Appendix 3 (continued)

| Manitoba – Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *24960* | *1247* | *3737* | *5621* | *2572* |
| *1990* | *25725* | *1341* | *3791* | *5806* | *2779* |
| *1991* | *26764* | *1356* | *3906* | *6035* | *3153* |
| *1992* | *27945* | *1402* | *3996* | *6269* | *3636* |
| *1993* | *29154* | *1424* | *4103* | *6507* | *4195* |
| *1994* | *30298* | *1449* | *4226* | *6715* | *4647* |
| *1995* | *31109* | *1462* | *4310* | *6975* | *4898* |
| *1996* | *31781* | *1498* | *4389* | *7145* | *5041* |
| *1997* | *32553* | *1538* | *4549* | *7292* | *5223* |
| *1998* | *33345* | *1575* | *4663* | *7521* | *5408* |
| 1999 | 34607 | 1673 | 4801 | 7775 | 5619 |
| 2000 | 35779 | 1754 | 4925 | 8025 | 5831 |
| 2001 | 36869 | 1822 | 5038 | 8270 | 6043 |
| 2002 | 37897 | 1881 | 5142 | 8510 | 6259 |
| 2003 | 38870 | 1936 | 5238 | 8746 | 6482 |
| 2004 | 39796 | 1987 | 5326 | 8978 | 6712 |
| 2005 | 40685 | 2036 | 5409 | 9209 | 6948 |
| 2006 | 41552 | 2085 | 5489 | 9439 | 7198 |
| 2007 | 42410 | 2136 | 5566 | 9669 | 7464 |
| 2008 | 43258 | 2188 | 5641 | 9898 | 7745 |
| 2009 | 44098 | 2240 | 5714 | 10129 | 8041 |
| 2010 | 44936 | 2294 | 5787 | 10363 | 8352 |
| 2011 | 45780 | 2350 | 5861 | 10600 | 8683 |
| 2012 | 46631 | 2407 | 5936 | 10839 | 9031 |
| 2013 | 47500 | 2467 | 6015 | 11083 | 9400 |
| 2014 | 48387 | 2530 | 6096 | 11329 | 9788 |
| 2015 | 49285 | 2593 | 6180 | 11579 | 10196 |
| 2016 | 50197 | 2658 | 6266 | 11830 | 10623 |
| 2017 | 51120 | 2724 | 6356 | 12082 | 11065 |
| 2018 | 52042 | 2789 | 6447 | 12333 | 11519 |
| 2019 | 52968 | 2855 | 6541 | 12585 | 11986 |
| 2020 | 53892 | 2923 | 6635 | 12836 | 12462 |
| 2021 | 54811 | 2991 | 6731 | 13086 | 12946 |
| 2022 | 55710 | 3058 | 6826 | 13332 | 13430 |
| 2023 | 56584 | 3125 | 6919 | 13573 | 13910 |
| 2024 | 57423 | 3190 | 7009 | 13809 | 14382 |
| 2025 | 58218 | 3250 | 7094 | 14040 | 14840 |

# Appendix 3 (continued)

| Manitoba - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *24960* | *1247* | *3737* | *5621* | *2572* |
| *1990* | *25725* | *1341* | *3791* | *5806* | *2779* |
| *1991* | *26764* | *1356* | *3906* | *6035* | *3153* |
| *1992* | *27945* | *1402* | *3996* | *6269* | *3636* |
| *1993* | *29154* | *1424* | *4103* | *6507* | *4195* |
| *1994* | *30298* | *1449* | *4226* | *6715* | *4647* |
| *1995* | *31109* | *1462* | *4310* | *6975* | *4898* |
| *1996* | *31781* | *1498* | *4389* | *7145* | *5041* |
| *1997* | *32553* | *1538* | *4549* | *7292* | *5223* |
| *1998* | *33345* | *1575* | *4663* | *7521* | *5408* |
| 1999 | 34639 | 1675 | 4804 | 7783 | 5622 |
| 2000 | 35849 | 1758 | 4933 | 8041 | 5838 |
| 2001 | 36982 | 1828 | 5050 | 8295 | 6054 |
| 2002 | 38058 | 1890 | 5159 | 8546 | 6275 |
| 2003 | 39085 | 1948 | 5261 | 8794 | 6504 |
| 2004 | 40070 | 2002 | 5355 | 9039 | 6742 |
| 2005 | 41024 | 2054 | 5445 | 9283 | 6987 |
| 2006 | 41960 | 2106 | 5532 | 9529 | 7246 |
| 2007 | 42894 | 2161 | 5616 | 9774 | 7523 |
| 2008 | 43823 | 2218 | 5700 | 10021 | 7817 |
| 2009 | 44750 | 2274 | 5783 | 10271 | 8127 |
| 2010 | 45681 | 2333 | 5865 | 10524 | 8455 |
| 2011 | 46624 | 2393 | 5949 | 10783 | 8804 |
| 2012 | 47582 | 2456 | 6035 | 11045 | 9173 |
| 2013 | 48565 | 2522 | 6125 | 11313 | 9565 |
| 2014 | 49572 | 2591 | 6219 | 11586 | 9980 |
| 2015 | 50598 | 2661 | 6316 | 11863 | 10417 |
| 2016 | 51645 | 2733 | 6417 | 12144 | 10875 |
| 2017 | 52711 | 2806 | 6522 | 12427 | 11353 |
| 2018 | 53783 | 2879 | 6629 | 12711 | 11845 |
| 2019 | 54867 | 2953 | 6738 | 12998 | 12353 |
| 2020 | 55956 | 3030 | 6851 | 13285 | 12874 |
| 2021 | 57049 | 3107 | 6965 | 13573 | 13407 |
| 2022 | 58129 | 3185 | 7079 | 13859 | 13943 |
| 2023 | 59192 | 3262 | 7192 | 14142 | 14480 |
| 2024 | 60228 | 3337 | 7303 | 14422 | 15011 |
| 2025 | 61227 | 3409 | 7410 | 14698 | 15533 |

# Appendix 3 (continued)

| 10. Winnipeg - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *14688* | *739* | *2303* | *3457* | *1354* |
| *1990* | *15161* | *807* | *2322* | *3560* | *1508* |
| *1991* | *15720* | *810* | *2368* | *3719* | *1731* |
| *1992* | *16344* | *861* | *2397* | *3841* | *1999* |
| *1993* | *17010* | *877* | *2466* | *3966* | *2269* |
| *1994* | *17664* | *903* | *2530* | *4036* | *2532* |
| *1995* | *18108* | *902* | *2559* | *4206* | *2616* |
| *1996* | *18461* | *911* | *2573* | *4285* | *2727* |
| *1997* | *18973* | *937* | *2665* | *4384* | *2878* |
| *1998* | *19423* | *930* | *2730* | *4533* | *2993* |
| 1999 | 20242 | 1008 | 2819 | 4693 | 3123 |
| 2000 | 21004 | 1069 | 2899 | 4851 | 3253 |
| 2001 | 21713 | 1119 | 2974 | 5005 | 3381 |
| 2002 | 22381 | 1162 | 3041 | 5154 | 3512 |
| 2003 | 23013 | 1201 | 3104 | 5302 | 3646 |
| 2004 | 23613 | 1237 | 3163 | 5448 | 3784 |
| 2005 | 24188 | 1271 | 3218 | 5592 | 3926 |
| 2006 | 24747 | 1304 | 3270 | 5736 | 4076 |
| 2007 | 25298 | 1339 | 3322 | 5879 | 4236 |
| 2008 | 25842 | 1374 | 3372 | 6022 | 4406 |
| 2009 | 26379 | 1410 | 3421 | 6166 | 4584 |
| 2010 | 26912 | 1446 | 3470 | 6312 | 4771 |
| 2011 | 27447 | 1483 | 3518 | 6459 | 4970 |
| 2012 | 27986 | 1522 | 3568 | 6609 | 5179 |
| 2013 | 28534 | 1562 | 3619 | 6760 | 5400 |
| 2014 | 29089 | 1604 | 3672 | 6914 | 5633 |
| 2015 | 29652 | 1647 | 3727 | 7070 | 5877 |
| 2016 | 30223 | 1690 | 3783 | 7227 | 6132 |
| 2017 | 30801 | 1733 | 3842 | 7384 | 6398 |
| 2018 | 31379 | 1777 | 3901 | 7541 | 6672 |
| 2019 | 31958 | 1821 | 3962 | 7699 | 6953 |
| 2020 | 32537 | 1865 | 4023 | 7857 | 7241 |
| 2021 | 33112 | 1910 | 4085 | 8014 | 7533 |
| 2022 | 33676 | 1955 | 4147 | 8169 | 7825 |
| 2023 | 34223 | 1999 | 4207 | 8321 | 8116 |
| 2024 | 34748 | 2041 | 4266 | 8470 | 8403 |
| 2025 | 35246 | 2081 | 4321 | 8615 | 8682 |

# Appendix 3 (continued)

| 10. Winnipeg - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *14688* | *739* | *2303* | *3457* | *1354* |
| *1990* | *15161* | *807* | *2322* | *3560* | *1508* |
| *1991* | *15720* | *810* | *2368* | *3719* | *1731* |
| *1992* | *16344* | *861* | *2397* | *3841* | *1999* |
| *1993* | *17010* | *877* | *2466* | *3966* | *2269* |
| *1994* | *17664* | *903* | *2530* | *4036* | *2532* |
| *1995* | *18108* | *902* | *2559* | *4206* | *2616* |
| *1996* | *18461* | *911* | *2573* | *4285* | *2727* |
| *1997* | *18973* | *937* | *2665* | *4384* | *2878* |
| *1998* | *19423* | *930* | *2730* | *4533* | *2993* |
| 1999 | 20261 | 1009 | 2821 | 4698 | 3124 |
| 2000 | 21046 | 1071 | 2904 | 4861 | 3256 |
| 2001 | 21781 | 1123 | 2981 | 5020 | 3388 |
| 2002 | 22478 | 1168 | 3051 | 5176 | 3521 |
| 2003 | 23142 | 1208 | 3118 | 5332 | 3659 |
| 2004 | 23778 | 1247 | 3181 | 5485 | 3801 |
| 2005 | 24392 | 1282 | 3239 | 5638 | 3948 |
| 2006 | 24993 | 1318 | 3296 | 5790 | 4104 |
| 2007 | 25591 | 1355 | 3353 | 5943 | 4270 |
| 2008 | 26184 | 1393 | 3408 | 6097 | 4447 |
| 2009 | 26773 | 1431 | 3462 | 6253 | 4634 |
| 2010 | 27363 | 1471 | 3517 | 6410 | 4831 |
| 2011 | 27959 | 1511 | 3572 | 6571 | 5040 |
| 2012 | 28563 | 1553 | 3628 | 6734 | 5261 |
| 2013 | 29179 | 1597 | 3687 | 6901 | 5496 |
| 2014 | 29808 | 1643 | 3748 | 7071 | 5744 |
| 2015 | 30449 | 1690 | 3810 | 7244 | 6005 |
| 2016 | 31102 | 1738 | 3875 | 7419 | 6280 |
| 2017 | 31766 | 1786 | 3943 | 7595 | 6566 |
| 2018 | 32436 | 1834 | 4012 | 7772 | 6862 |
| 2019 | 33111 | 1883 | 4083 | 7952 | 7168 |
| 2020 | 33790 | 1934 | 4155 | 8132 | 7482 |
| 2021 | 34472 | 1985 | 4228 | 8313 | 7803 |
| 2022 | 35145 | 2036 | 4302 | 8492 | 8127 |
| 2023 | 35808 | 2087 | 4375 | 8670 | 8451 |
| 2024 | 36453 | 2136 | 4446 | 8845 | 8773 |
| 2025 | 37075 | 2183 | 4515 | 9018 | 9090 |

# Appendix 3 (continued)

| 15. Brandon - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *1048* | *56* | *171* | *264* | *96* |
| *1990* | *1065* | *60* | *174* | *270* | *95* |
| *1991* | *1141* | *69* | *183* | *294* | *95* |
| *1992* | *1211* | *60* | *185* | *299* | *135* |
| *1993* | *1285* | *72* | *196* | *315* | *153* |
| *1994* | *1343* | *59* | *205* | *330* | *179* |
| *1995* | *1395* | *59* | *211* | *338* | *211* |
| *1996* | *1449* | *68* | *225* | *359* | *224* |
| *1997* | *1476* | *74* | *223* | *366* | *225* |
| *1998* | *1507* | *80* | *229* | *368* | *238* |
| 1999 | 1567 | 84 | 239 | 382 | 248 |
| 2000 | 1622 | 87 | 247 | 394 | 257 |
| 2001 | 1673 | 90 | 255 | 407 | 266 |
| 2002 | 1722 | 92 | 262 | 419 | 275 |
| 2003 | 1768 | 95 | 269 | 431 | 284 |
| 2004 | 1812 | 97 | 275 | 442 | 294 |
| 2005 | 1852 | 100 | 280 | 454 | 303 |
| 2006 | 1891 | 102 | 285 | 465 | 312 |
| 2007 | 1930 | 105 | 289 | 476 | 322 |
| 2008 | 1968 | 107 | 294 | 487 | 332 |
| 2009 | 2006 | 110 | 298 | 498 | 343 |
| 2010 | 2044 | 113 | 302 | 510 | 355 |
| 2011 | 2082 | 116 | 306 | 521 | 368 |
| 2012 | 2120 | 119 | 310 | 533 | 382 |
| 2013 | 2159 | 122 | 314 | 544 | 396 |
| 2014 | 2199 | 125 | 318 | 556 | 412 |
| 2015 | 2238 | 128 | 322 | 568 | 428 |
| 2016 | 2278 | 131 | 326 | 580 | 444 |
| 2017 | 2318 | 135 | 331 | 592 | 462 |
| 2018 | 2358 | 138 | 335 | 604 | 479 |
| 2019 | 2399 | 141 | 339 | 616 | 498 |
| 2020 | 2439 | 145 | 344 | 628 | 516 |
| 2021 | 2480 | 148 | 349 | 640 | 536 |
| 2022 | 2520 | 152 | 353 | 652 | 555 |
| 2023 | 2559 | 155 | 358 | 664 | 574 |
| 2024 | 2596 | 158 | 362 | 675 | 592 |
| 2025 | 2632 | 161 | 366 | 687 | 611 |

# Appendix 3 (continued)

| 15. Brandon - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *1048* | *56* | *171* | *264* | *96* |
| *1990* | *1065* | *60* | *174* | *270* | *95* |
| *1991* | *1141* | *69* | *183* | *294* | *95* |
| *1992* | *1211* | *60* | *185* | *299* | *135* |
| *1993* | *1285* | *72* | *196* | *315* | *153* |
| *1994* | *1343* | *59* | *205* | *330* | *179* |
| *1995* | *1395* | *59* | *211* | *338* | *211* |
| *1996* | *1449* | *68* | *225* | *359* | *224* |
| *1997* | *1476* | *74* | *223* | *366* | *225* |
| *1998* | *1507* | *80* | *229* | *368* | *238* |
| 1999 | 1568 | 84 | 239 | 382 | 248 |
| 2000 | 1625 | 87 | 248 | 395 | 258 |
| 2001 | 1678 | 90 | 256 | 408 | 267 |
| 2002 | 1729 | 93 | 263 | 420 | 276 |
| 2003 | 1778 | 95 | 270 | 433 | 285 |
| 2004 | 1824 | 98 | 276 | 445 | 295 |
| 2005 | 1867 | 100 | 282 | 457 | 304 |
| 2006 | 1909 | 103 | 287 | 469 | 314 |
| 2007 | 1952 | 106 | 292 | 481 | 324 |
| 2008 | 1993 | 109 | 297 | 493 | 335 |
| 2009 | 2035 | 112 | 301 | 505 | 347 |
| 2010 | 2077 | 115 | 306 | 517 | 360 |
| 2011 | 2119 | 118 | 310 | 530 | 373 |
| 2012 | 2162 | 121 | 315 | 542 | 388 |
| 2013 | 2206 | 125 | 319 | 555 | 403 |
| 2014 | 2251 | 128 | 324 | 569 | 419 |
| 2015 | 2296 | 132 | 329 | 582 | 436 |
| 2016 | 2342 | 135 | 334 | 595 | 454 |
| 2017 | 2388 | 139 | 339 | 609 | 473 |
| 2018 | 2435 | 142 | 344 | 622 | 492 |
| 2019 | 2482 | 146 | 349 | 636 | 512 |
| 2020 | 2531 | 150 | 355 | 649 | 533 |
| 2021 | 2579 | 154 | 360 | 663 | 554 |
| 2022 | 2627 | 158 | 366 | 677 | 575 |
| 2023 | 2674 | 162 | 371 | 691 | 596 |
| 2024 | 2721 | 166 | 377 | 705 | 617 |
| 2025 | 2766 | 169 | 382 | 719 | 638 |

# Appendix 3 (continued)

| 20. North Eastman - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *650* | *35* | *94* | *115* | *92* |
| *1990* | *659* | *29* | *94* | *124* | *91* |
| *1991* | *709* | *36* | *96* | *130* | *103* |
| *1992* | *767* | *34* | *104* | *149* | *121* |
| *1993* | *827* | *40* | *103* | *161* | *145* |
| *1994* | *871* | *38* | *109* | *164* | *162* |
| *1995* | *903* | *35* | *119* | *173* | *175* |
| *1996* | *909* | *38* | *123* | *173* | *180* |
| *1997* | *944* | *43* | *127* | *184* | *181* |
| *1998* | *1008* | *49* | *142* | *189* | *197* |
| 1999 | 1048 | 51 | 144 | 197 | 207 |
| 2000 | 1086 | 54 | 146 | 206 | 217 |
| 2001 | 1123 | 56 | 148 | 215 | 227 |
| 2002 | 1160 | 57 | 150 | 223 | 238 |
| 2003 | 1196 | 59 | 153 | 232 | 250 |
| 2004 | 1233 | 61 | 156 | 241 | 262 |
| 2005 | 1269 | 63 | 159 | 249 | 274 |
| 2006 | 1305 | 65 | 162 | 258 | 288 |
| 2007 | 1342 | 67 | 165 | 267 | 301 |
| 2008 | 1379 | 69 | 168 | 276 | 316 |
| 2009 | 1416 | 71 | 172 | 285 | 331 |
| 2010 | 1454 | 73 | 175 | 294 | 347 |
| 2011 | 1492 | 75 | 179 | 304 | 363 |
| 2012 | 1530 | 78 | 183 | 313 | 381 |
| 2013 | 1569 | 80 | 186 | 322 | 399 |
| 2014 | 1609 | 83 | 190 | 331 | 418 |
| 2015 | 1650 | 86 | 194 | 341 | 438 |
| 2016 | 1690 | 88 | 198 | 350 | 459 |
| 2017 | 1730 | 91 | 203 | 359 | 480 |
| 2018 | 1770 | 94 | 207 | 368 | 501 |
| 2019 | 1810 | 96 | 211 | 377 | 523 |
| 2020 | 1849 | 99 | 215 | 386 | 546 |
| 2021 | 1887 | 101 | 219 | 395 | 568 |
| 2022 | 1925 | 104 | 223 | 403 | 591 |
| 2023 | 1961 | 107 | 227 | 411 | 613 |
| 2024 | 1995 | 109 | 231 | 419 | 635 |
| 2025 | 2028 | 111 | 234 | 426 | 656 |

# Appendix 3 (continued)

| 20. North Eastman -High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *650* | *35* | *94* | *115* | *92* |
| *1990* | *659* | *29* | *94* | *124* | *91* |
| *1991* | *709* | *36* | *96* | *130* | *103* |
| *1992* | *767* | *34* | *104* | *149* | *121* |
| *1993* | *827* | *40* | *103* | *161* | *145* |
| *1994* | *871* | *38* | *109* | *164* | *162* |
| *1995* | *903* | *35* | *119* | *173* | *175* |
| *1996* | *909* | *38* | *123* | *173* | *180* |
| *1997* | *944* | *43* | *127* | *184* | *181* |
| *1998* | *1008* | *49* | *142* | *189* | *197* |
| 1999 | 1049 | 51 | 144 | 198 | 207 |
| 2000 | 1088 | 54 | 146 | 206 | 217 |
| 2001 | 1126 | 56 | 148 | 215 | 228 |
| 2002 | 1165 | 58 | 151 | 224 | 239 |
| 2003 | 1203 | 60 | 154 | 233 | 251 |
| 2004 | 1241 | 61 | 157 | 242 | 263 |
| 2005 | 1279 | 63 | 160 | 252 | 276 |
| 2006 | 1318 | 65 | 163 | 261 | 289 |
| 2007 | 1357 | 67 | 167 | 270 | 304 |
| 2008 | 1397 | 70 | 170 | 280 | 319 |
| 2009 | 1437 | 72 | 174 | 289 | 335 |
| 2010 | 1477 | 74 | 178 | 299 | 351 |
| 2011 | 1519 | 77 | 182 | 309 | 368 |
| 2012 | 1561 | 79 | 186 | 319 | 387 |
| 2013 | 1604 | 82 | 190 | 329 | 406 |
| 2014 | 1648 | 85 | 194 | 339 | 426 |
| 2015 | 1693 | 88 | 199 | 349 | 448 |
| 2016 | 1738 | 91 | 203 | 360 | 470 |
| 2017 | 1784 | 94 | 208 | 370 | 493 |
| 2018 | 1829 | 97 | 213 | 380 | 516 |
| 2019 | 1874 | 100 | 217 | 390 | 540 |
| 2020 | 1919 | 102 | 222 | 400 | 564 |
| 2021 | 1964 | 105 | 227 | 410 | 589 |
| 2022 | 2007 | 108 | 231 | 419 | 613 |
| 2023 | 2050 | 111 | 236 | 429 | 638 |
| 2024 | 2092 | 114 | 240 | 438 | 663 |
| 2025 | 2131 | 117 | 245 | 447 | 687 |

# Appendix 3 (continued)

| 25. South Eastman - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *875* | *42* | *120* | *198* | *93* |
| *1990* | *940* | *46* | *126* | *212* | *113* |
| *1991* | *1002* | *47* | *132* | *218* | *133* |
| *1992* | *1066* | *45* | *138* | *226* | *156* |
| *1993* | *1107* | *43* | *143* | *236* | *172* |
| *1994* | *1154* | *42* | *149* | *244* | *190* |
| *1995* | *1189* | *46* | *149* | *255* | *203* |
| *1996* | *1218* | *50* | *156* | *266* | *195* |
| *1997* | *1255* | *42* | *168* | *266* | *199* |
| *1998* | *1300* | *47* | *181* | *276* | *203* |
| 1999 | 1349 | 51 | 185 | 288 | 214 |
| 2000 | 1397 | 54 | 188 | 299 | 224 |
| 2001 | 1444 | 57 | 192 | 311 | 236 |
| 2002 | 1491 | 59 | 195 | 322 | 248 |
| 2003 | 1537 | 62 | 199 | 334 | 261 |
| 2004 | 1583 | 63 | 202 | 346 | 274 |
| 2005 | 1628 | 65 | 205 | 357 | 288 |
| 2006 | 1674 | 67 | 209 | 369 | 303 |
| 2007 | 1720 | 68 | 213 | 382 | 318 |
| 2008 | 1766 | 70 | 216 | 394 | 334 |
| 2009 | 1813 | 72 | 220 | 406 | 351 |
| 2010 | 1860 | 74 | 224 | 419 | 368 |
| 2011 | 1907 | 76 | 228 | 431 | 386 |
| 2012 | 1956 | 78 | 233 | 444 | 405 |
| 2013 | 2005 | 80 | 237 | 457 | 426 |
| 2014 | 2054 | 82 | 242 | 470 | 446 |
| 2015 | 2105 | 84 | 247 | 483 | 468 |
| 2016 | 2156 | 86 | 251 | 497 | 491 |
| 2017 | 2207 | 89 | 256 | 510 | 514 |
| 2018 | 2258 | 91 | 261 | 523 | 538 |
| 2019 | 2309 | 93 | 266 | 537 | 562 |
| 2020 | 2359 | 96 | 271 | 550 | 587 |
| 2021 | 2409 | 98 | 276 | 563 | 612 |
| 2022 | 2459 | 100 | 281 | 576 | 637 |
| 2023 | 2507 | 103 | 286 | 588 | 662 |
| 2024 | 2553 | 105 | 290 | 600 | 687 |
| 2025 | 2598 | 107 | 295 | 613 | 711 |

# Appendix 3 (continued)

| 25. South Eastman - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *875* | *42* | *120* | *198* | *93* |
| *1990* | *940* | *46* | *126* | *212* | *113* |
| *1991* | *1002* | *47* | *132* | *218* | *133* |
| *1992* | *1066* | *45* | *138* | *226* | *156* |
| *1993* | *1107* | *43* | *143* | *236* | *172* |
| *1994* | *1154* | *42* | *149* | *244* | *190* |
| *1995* | *1189* | *46* | *149* | *255* | *203* |
| *1996* | *1218* | *50* | *156* | *266* | *195* |
| *1997* | *1255* | *42* | *168* | *266* | *199* |
| *1998* | *1300* | *47* | *181* | *276* | *203* |
| 1999 | 1350 | 51 | 185 | 288 | 214 |
| 2000 | 1400 | 54 | 188 | 300 | 225 |
| 2001 | 1449 | 57 | 192 | 312 | 236 |
| 2002 | 1497 | 60 | 196 | 324 | 249 |
| 2003 | 1546 | 62 | 199 | 336 | 262 |
| 2004 | 1594 | 64 | 203 | 348 | 275 |
| 2005 | 1641 | 66 | 207 | 360 | 289 |
| 2006 | 1690 | 67 | 210 | 373 | 305 |
| 2007 | 1739 | 69 | 214 | 386 | 320 |
| 2008 | 1789 | 71 | 219 | 399 | 337 |
| 2009 | 1839 | 73 | 223 | 412 | 354 |
| 2010 | 1890 | 75 | 227 | 425 | 372 |
| 2011 | 1942 | 77 | 232 | 439 | 391 |
| 2012 | 1994 | 79 | 237 | 452 | 412 |
| 2013 | 2048 | 81 | 241 | 466 | 433 |
| 2014 | 2103 | 84 | 247 | 480 | 455 |
| 2015 | 2159 | 86 | 252 | 495 | 478 |
| 2016 | 2216 | 89 | 257 | 509 | 502 |
| 2017 | 2274 | 91 | 263 | 524 | 527 |
| 2018 | 2331 | 94 | 268 | 539 | 552 |
| 2019 | 2389 | 96 | 274 | 554 | 578 |
| 2020 | 2447 | 99 | 279 | 569 | 605 |
| 2021 | 2505 | 102 | 285 | 583 | 633 |
| 2022 | 2563 | 104 | 291 | 598 | 660 |
| 2023 | 2620 | 107 | 297 | 612 | 688 |
| 2024 | 2675 | 110 | 302 | 627 | 716 |
| 2025 | 2729 | 112 | 308 | 641 | 743 |

# Appendix 3 (continued)

| 30. Interlake - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *1558* | *89* | *190* | *314* | *185* |
| *1990* | *1598* | *98* | *192* | *330* | *189* |
| *1991* | *1705* | *102* | *209* | *353* | *217* |
| *1992* | *1805* | *106* | *217* | *373* | *243* |
| *1993* | *1890* | *100* | *226* | *393* | *290* |
| *1994* | *1996* | *99* | *230* | *426* | *327* |
| *1995* | *2075* | *103* | *230* | *450* | *357* |
| *1996* | *2110* | *107* | *237* | *464* | *351* |
| *1997* | *2181* | *115* | *239* | *476* | *360* |
| *1998* | *2240* | *123* | *237* | *486* | *393* |
| 1999 | 2315 | 124 | 249 | 502 | 406 |
| 2000 | 2386 | 125 | 259 | 518 | 419 |
| 2001 | 2453 | 127 | 268 | 533 | 433 |
| 2002 | 2517 | 129 | 277 | 549 | 448 |
| 2003 | 2578 | 132 | 285 | 564 | 464 |
| 2004 | 2636 | 134 | 292 | 579 | 480 |
| 2005 | 2693 | 137 | 299 | 594 | 497 |
| 2006 | 2750 | 140 | 306 | 609 | 516 |
| 2007 | 2807 | 143 | 313 | 624 | 536 |
| 2008 | 2863 | 147 | 319 | 639 | 557 |
| 2009 | 2919 | 150 | 325 | 655 | 579 |
| 2010 | 2976 | 154 | 331 | 671 | 602 |
| 2011 | 3033 | 158 | 336 | 687 | 626 |
| 2012 | 3091 | 162 | 342 | 703 | 652 |
| 2013 | 3150 | 166 | 348 | 719 | 678 |
| 2014 | 3210 | 170 | 354 | 736 | 707 |
| 2015 | 3270 | 174 | 360 | 752 | 736 |
| 2016 | 3331 | 178 | 366 | 769 | 767 |
| 2017 | 3392 | 183 | 372 | 785 | 799 |
| 2018 | 3453 | 187 | 378 | 802 | 832 |
| 2019 | 3512 | 191 | 384 | 818 | 865 |
| 2020 | 3571 | 195 | 390 | 833 | 898 |
| 2021 | 3630 | 200 | 396 | 849 | 932 |
| 2022 | 3686 | 204 | 401 | 864 | 966 |
| 2023 | 3741 | 208 | 407 | 879 | 999 |
| 2024 | 3793 | 212 | 412 | 893 | 1031 |
| 2025 | 3841 | 216 | 417 | 907 | 1062 |

# Appendix 3 (continued)

| 30. Interlake - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *1558* | *89* | *190* | *314* | *185* |
| *1990* | *1598* | *98* | *192* | *330* | *189* |
| *1991* | *1705* | *102* | *209* | *353* | *217* |
| *1992* | *1805* | *106* | *217* | *373* | *243* |
| *1993* | *1890* | *100* | *226* | *393* | *290* |
| *1994* | *1996* | *99* | *230* | *426* | *327* |
| *1995* | *2075* | *103* | *230* | *450* | *357* |
| *1996* | *2110* | *107* | *237* | *464* | *351* |
| *1997* | *2181* | *115* | *239* | *476* | *360* |
| *1998* | *2240* | *123* | *237* | *486* | *393* |
| 1999 | 2318 | 124 | 249 | 502 | 406 |
| 2000 | 2391 | 125 | 259 | 519 | 419 |
| 2001 | 2461 | 127 | 269 | 535 | 433 |
| 2002 | 2528 | 130 | 278 | 552 | 449 |
| 2003 | 2593 | 132 | 286 | 567 | 465 |
| 2004 | 2655 | 135 | 294 | 583 | 482 |
| 2005 | 2716 | 138 | 301 | 599 | 500 |
| 2006 | 2778 | 142 | 309 | 615 | 520 |
| 2007 | 2840 | 145 | 316 | 631 | 541 |
| 2008 | 2902 | 149 | 323 | 648 | 563 |
| 2009 | 2964 | 153 | 329 | 665 | 586 |
| 2010 | 3027 | 157 | 336 | 682 | 610 |
| 2011 | 3092 | 161 | 342 | 700 | 635 |
| 2012 | 3157 | 165 | 348 | 717 | 662 |
| 2013 | 3224 | 169 | 355 | 735 | 691 |
| 2014 | 3292 | 174 | 362 | 754 | 721 |
| 2015 | 3361 | 179 | 368 | 772 | 753 |
| 2016 | 3431 | 184 | 375 | 791 | 787 |
| 2017 | 3502 | 188 | 382 | 809 | 821 |
| 2018 | 3573 | 193 | 389 | 828 | 857 |
| 2019 | 3644 | 198 | 396 | 846 | 893 |
| 2020 | 3714 | 203 | 403 | 864 | 930 |
| 2021 | 3784 | 208 | 410 | 883 | 967 |
| 2022 | 3853 | 213 | 417 | 900 | 1004 |
| 2023 | 3920 | 218 | 424 | 918 | 1042 |
| 2024 | 3986 | 223 | 431 | 935 | 1078 |
| 2025 | 4048 | 227 | 437 | 952 | 1114 |

# Appendix 3 (continued)

| 40. Central - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *2111* | *87* | *296* | *457* | *275* |
| *1990* | *2170* | *87* | *294* | *475* | *300* |
| *1991* | *2253* | *84* | *300* | *488* | *336* |
| *1992* | *2324* | *79* | *321* | *505* | *374* |
| *1993* | *2421* | *80* | *328* | *521* | *424* |
| *1994* | *2487* | *90* | *338* | *547* | *438* |
| *1995* | *2534* | *93* | *351* | *550* | *454* |
| *1996* | *2587* | *102* | *359* | *568* | *447* |
| *1997* | *2581* | *101* | *387* | *564* | *447* |
| *1998* | *2657* | *117* | *390* | *578* | *446* |
| 1999 | 2752 | 120 | 398 | 596 | 463 |
| 2000 | 2840 | 122 | 406 | 614 | 481 |
| 2001 | 2920 | 125 | 413 | 632 | 498 |
| 2002 | 2993 | 127 | 419 | 650 | 516 |
| 2003 | 3062 | 129 | 424 | 667 | 534 |
| 2004 | 3129 | 132 | 428 | 684 | 552 |
| 2005 | 3192 | 134 | 433 | 701 | 572 |
| 2006 | 3254 | 136 | 437 | 718 | 592 |
| 2007 | 3315 | 139 | 441 | 734 | 613 |
| 2008 | 3374 | 142 | 445 | 750 | 635 |
| 2009 | 3434 | 144 | 449 | 766 | 658 |
| 2010 | 3493 | 147 | 453 | 783 | 682 |
| 2011 | 3554 | 150 | 457 | 800 | 708 |
| 2012 | 3616 | 153 | 462 | 818 | 736 |
| 2013 | 3680 | 156 | 467 | 836 | 765 |
| 2014 | 3746 | 160 | 472 | 854 | 796 |
| 2015 | 3814 | 163 | 477 | 873 | 829 |
| 2016 | 3883 | 167 | 483 | 892 | 863 |
| 2017 | 3954 | 171 | 489 | 911 | 898 |
| 2018 | 4026 | 175 | 495 | 931 | 935 |
| 2019 | 4098 | 179 | 502 | 950 | 973 |
| 2020 | 4171 | 183 | 509 | 969 | 1011 |
| 2021 | 4244 | 187 | 516 | 988 | 1051 |
| 2022 | 4316 | 191 | 523 | 1007 | 1090 |
| 2023 | 4387 | 196 | 529 | 1026 | 1130 |
| 2024 | 4455 | 200 | 536 | 1044 | 1168 |
| 2025 | 4521 | 203 | 543 | 1062 | 1206 |

# Appendix 3 (continued)

| 40. Central - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *2111* | *87* | *296* | *457* | *275* |
| *1990* | *2170* | *87* | *294* | *475* | *300* |
| *1991* | *2253* | *84* | *300* | *488* | *336* |
| *1992* | *2324* | *79* | *321* | *505* | *374* |
| *1993* | *2421* | *80* | *328* | *521* | *424* |
| *1994* | *2487* | *90* | *338* | *547* | *438* |
| *1995* | *2534* | *93* | *351* | *550* | *454* |
| *1996* | *2587* | *102* | *359* | *568* | *447* |
| *1997* | *2581* | *101* | *387* | *564* | *447* |
| *1998* | *2657* | *117* | *390* | *578* | *446* |
| 1999 | 2754 | 120 | 399 | 597 | 464 |
| 2000 | 2845 | 123 | 407 | 615 | 482 |
| 2001 | 2928 | 125 | 414 | 634 | 499 |
| 2002 | 3005 | 128 | 420 | 652 | 517 |
| 2003 | 3078 | 130 | 425 | 670 | 535 |
| 2004 | 3149 | 132 | 431 | 688 | 555 |
| 2005 | 3217 | 135 | 435 | 706 | 575 |
| 2006 | 3284 | 138 | 440 | 724 | 595 |
| 2007 | 3351 | 140 | 445 | 741 | 617 |
| 2008 | 3416 | 143 | 450 | 759 | 640 |
| 2009 | 3482 | 146 | 454 | 777 | 665 |
| 2010 | 3548 | 149 | 459 | 795 | 690 |
| 2011 | 3617 | 152 | 464 | 814 | 718 |
| 2012 | 3686 | 156 | 469 | 833 | 747 |
| 2013 | 3758 | 159 | 475 | 853 | 778 |
| 2014 | 3834 | 163 | 481 | 873 | 811 |
| 2015 | 3911 | 167 | 487 | 894 | 846 |
| 2016 | 3991 | 171 | 494 | 915 | 882 |
| 2017 | 4073 | 176 | 501 | 936 | 921 |
| 2018 | 4155 | 180 | 509 | 958 | 960 |
| 2019 | 4240 | 185 | 516 | 980 | 1001 |
| 2020 | 4325 | 189 | 524 | 1002 | 1043 |
| 2021 | 4411 | 194 | 533 | 1024 | 1087 |
| 2022 | 4497 | 199 | 541 | 1046 | 1130 |
| 2023 | 4582 | 204 | 550 | 1067 | 1174 |
| 2024 | 4666 | 208 | 558 | 1089 | 1217 |
| 2025 | 4747 | 213 | 566 | 1111 | 1260 |

# Appendix 3 (continued)

| 50. Marquette - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *1119* | *44* | *153* | *237* | *149* |
| *1990* | *1163* | *52* | *159* | *246* | *150* |
| *1991* | *1206* | *53* | *172* | *245* | *161* |
| *1992* | *1253* | *61* | *179* | *249* | *178* |
| *1993* | *1286* | *62* | *179* | *269* | *218* |
| *1994* | *1332* | *65* | *190* | *284* | *244* |
| *1995* | *1339* | *67* | *195* | *291* | *255* |
| *1996* | *1388* | *67* | *211* | *291* | *274* |
| *1997* | *1414* | *73* | *214* | *292* | *283* |
| *1998* | *1425* | *65* | *217* | *306* | *282* |
| 1999 | 1455 | 67 | 219 | 314 | 286 |
| 2000 | 1481 | 69 | 221 | 322 | 291 |
| 2001 | 1504 | 70 | 223 | 329 | 296 |
| 2002 | 1525 | 71 | 224 | 336 | 300 |
| 2003 | 1543 | 72 | 225 | 343 | 305 |
| 2004 | 1559 | 73 | 226 | 349 | 309 |
| 2005 | 1574 | 73 | 227 | 355 | 314 |
| 2006 | 1588 | 74 | 227 | 361 | 318 |
| 2007 | 1602 | 75 | 228 | 367 | 324 |
| 2008 | 1616 | 76 | 228 | 373 | 330 |
| 2009 | 1629 | 76 | 228 | 378 | 336 |
| 2010 | 1642 | 77 | 228 | 384 | 342 |
| 2011 | 1655 | 78 | 228 | 390 | 350 |
| 2012 | 1669 | 79 | 228 | 396 | 358 |
| 2013 | 1684 | 80 | 229 | 402 | 367 |
| 2014 | 1701 | 81 | 230 | 408 | 377 |
| 2015 | 1719 | 82 | 231 | 414 | 388 |
| 2016 | 1738 | 84 | 232 | 421 | 400 |
| 2017 | 1758 | 85 | 233 | 427 | 413 |
| 2018 | 1777 | 86 | 234 | 433 | 426 |
| 2019 | 1798 | 88 | 236 | 440 | 439 |
| 2020 | 1818 | 89 | 237 | 446 | 453 |
| 2021 | 1839 | 91 | 239 | 452 | 466 |
| 2022 | 1859 | 92 | 240 | 458 | 480 |
| 2023 | 1879 | 93 | 242 | 465 | 494 |
| 2024 | 1898 | 95 | 244 | 471 | 508 |
| 2025 | 1916 | 96 | 245 | 477 | 521 |

# Appendix 3 (continued)

| 50. Marquette - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *1119* | *44* | *153* | *237* | *149* |
| *1990* | *1163* | *52* | *159* | *246* | *150* |
| *1991* | *1206* | *53* | *172* | *245* | *161* |
| *1992* | *1253* | *61* | *179* | *249* | *178* |
| *1993* | *1286* | *62* | *179* | *269* | *218* |
| *1994* | *1332* | *65* | *190* | *284* | *244* |
| *1995* | *1339* | *67* | *195* | *291* | *255* |
| *1996* | *1388* | *67* | *211* | *291* | *274* |
| *1997* | *1414* | *73* | *214* | *292* | *283* |
| *1998* | *1425* | *65* | *217* | *306* | *282* |
| 1999 | 1456 | 67 | 220 | 315 | 286 |
| 2000 | 1484 | 69 | 222 | 323 | 291 |
| 2001 | 1508 | 70 | 224 | 330 | 296 |
| 2002 | 1530 | 71 | 225 | 337 | 301 |
| 2003 | 1551 | 72 | 226 | 344 | 306 |
| 2004 | 1569 | 73 | 227 | 351 | 310 |
| 2005 | 1586 | 74 | 228 | 357 | 315 |
| 2006 | 1602 | 75 | 229 | 364 | 320 |
| 2007 | 1618 | 76 | 230 | 370 | 326 |
| 2008 | 1634 | 77 | 230 | 377 | 332 |
| 2009 | 1650 | 78 | 230 | 383 | 339 |
| 2010 | 1666 | 78 | 231 | 390 | 346 |
| 2011 | 1683 | 79 | 231 | 396 | 354 |
| 2012 | 1700 | 80 | 232 | 403 | 363 |
| 2013 | 1719 | 82 | 233 | 410 | 373 |
| 2014 | 1739 | 83 | 234 | 417 | 384 |
| 2015 | 1761 | 84 | 235 | 424 | 396 |
| 2016 | 1784 | 86 | 237 | 431 | 409 |
| 2017 | 1808 | 87 | 238 | 438 | 423 |
| 2018 | 1832 | 89 | 240 | 446 | 437 |
| 2019 | 1857 | 90 | 242 | 453 | 452 |
| 2020 | 1882 | 92 | 244 | 461 | 467 |
| 2021 | 1908 | 94 | 246 | 468 | 482 |
| 2022 | 1934 | 95 | 249 | 475 | 498 |
| 2023 | 1959 | 97 | 251 | 483 | 513 |
| 2024 | 1985 | 99 | 253 | 490 | 529 |
| 2025 | 2009 | 101 | 255 | 498 | 544 |

# Appendix 3 (continued)

| 55. South Westman - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *1149* | *48* | *190* | *245* | *136* |
| *1990* | *1157* | *51* | *202* | *247* | *138* |
| *1991* | *1152* | *42* | *193* | *250* | *152* |
| *1992* | *1226* | *47* | *196* | *259* | *184* |
| *1993* | *1286* | *51* | *198* | *269* | *209* |
| *1994* | *1331* | *58* | *203* | *286* | *224* |
| *1995* | *1363* | *57* | *206* | *296* | *240* |
| *1996* | *1387* | *49* | *224* | *296* | *238* |
| *1997* | *1392* | *48* | *225* | *300* | *235* |
| *1998* | *1397* | *49* | *226* | *312* | *236* |
| 1999 | 1431 | 54 | 232 | 318 | 243 |
| 2000 | 1459 | 57 | 236 | 324 | 250 |
| 2001 | 1484 | 60 | 239 | 329 | 256 |
| 2002 | 1506 | 62 | 242 | 334 | 263 |
| 2003 | 1524 | 63 | 245 | 339 | 269 |
| 2004 | 1540 | 64 | 247 | 344 | 276 |
| 2005 | 1555 | 65 | 248 | 349 | 283 |
| 2006 | 1568 | 66 | 249 | 353 | 289 |
| 2007 | 1580 | 67 | 250 | 358 | 296 |
| 2008 | 1592 | 68 | 251 | 363 | 303 |
| 2009 | 1603 | 69 | 251 | 367 | 310 |
| 2010 | 1615 | 70 | 252 | 371 | 318 |
| 2011 | 1626 | 71 | 252 | 375 | 326 |
| 2012 | 1637 | 71 | 252 | 380 | 335 |
| 2013 | 1650 | 72 | 252 | 384 | 344 |
| 2014 | 1663 | 73 | 253 | 389 | 354 |
| 2015 | 1677 | 74 | 253 | 393 | 365 |
| 2016 | 1693 | 75 | 254 | 398 | 376 |
| 2017 | 1708 | 77 | 255 | 403 | 387 |
| 2018 | 1725 | 78 | 256 | 408 | 399 |
| 2019 | 1741 | 79 | 257 | 413 | 411 |
| 2020 | 1758 | 80 | 259 | 418 | 424 |
| 2021 | 1775 | 81 | 260 | 423 | 437 |
| 2022 | 1791 | 83 | 261 | 428 | 449 |
| 2023 | 1806 | 84 | 262 | 432 | 462 |
| 2024 | 1820 | 85 | 263 | 437 | 474 |
| 2025 | 1834 | 86 | 264 | 442 | 485 |

# Appendix 3 (continued)

| 55. South Westman - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *1149* | *48* | *190* | *245* | *136* |
| *1990* | *1157* | *51* | *202* | *247* | *138* |
| *1991* | *1152* | *42* | *193* | *250* | *152* |
| *1992* | *1226* | *47* | *196* | *259* | *184* |
| *1993* | *1286* | *51* | *198* | *269* | *209* |
| *1994* | *1331* | *58* | *203* | *286* | *224* |
| *1995* | *1363* | *57* | *206* | *296* | *240* |
| *1996* | *1387* | *49* | *224* | *296* | *238* |
| *1997* | *1392* | *48* | *225* | *300* | *235* |
| *1998* | *1397* | *49* | *226* | *312* | *236* |
| 1999 | 1432 | 54 | 232 | 318 | 243 |
| 2000 | 1462 | 58 | 236 | 324 | 250 |
| 2001 | 1488 | 60 | 240 | 330 | 257 |
| 2002 | 1511 | 62 | 243 | 335 | 263 |
| 2003 | 1531 | 64 | 245 | 341 | 270 |
| 2004 | 1549 | 65 | 248 | 346 | 277 |
| 2005 | 1566 | 66 | 250 | 351 | 284 |
| 2006 | 1581 | 67 | 251 | 356 | 291 |
| 2007 | 1595 | 68 | 252 | 361 | 298 |
| 2008 | 1609 | 69 | 253 | 366 | 305 |
| 2009 | 1623 | 70 | 254 | 371 | 313 |
| 2010 | 1638 | 71 | 254 | 376 | 321 |
| 2011 | 1652 | 72 | 255 | 381 | 330 |
| 2012 | 1666 | 73 | 256 | 386 | 339 |
| 2013 | 1682 | 74 | 256 | 391 | 349 |
| 2014 | 1699 | 75 | 257 | 396 | 360 |
| 2015 | 1717 | 76 | 258 | 402 | 372 |
| 2016 | 1735 | 77 | 260 | 408 | 384 |
| 2017 | 1755 | 79 | 261 | 413 | 396 |
| 2018 | 1776 | 80 | 263 | 419 | 409 |
| 2019 | 1797 | 81 | 264 | 425 | 423 |
| 2020 | 1818 | 83 | 266 | 431 | 437 |
| 2021 | 1840 | 84 | 268 | 437 | 451 |
| 2022 | 1860 | 86 | 270 | 443 | 465 |
| 2023 | 1881 | 87 | 272 | 449 | 479 |
| 2024 | 1901 | 88 | 273 | 455 | 492 |
| 2025 | 1920 | 90 | 275 | 461 | 506 |

# Appendix 3 (continued)

| 60. Parkland - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *1194* | *68* | *170* | *235* | *149* |
| *1990* | *1226* | *66* | *177* | *237* | *154* |
| *1991* | *1280* | *72* | *194* | *230* | *182* |
| *1992* | *1320* | *66* | *196* | *247* | *203* |
| *1993* | *1368* | *63* | *196* | *251* | *248* |
| *1994* | *1412* | *59* | *198* | *270* | *264* |
| *1995* | *1447* | *63* | *206* | *281* | *283* |
| *1996* | *1476* | *63* | *200* | *285* | *301* |
| *1997* | *1502* | *70* | *208* | *297* | *309* |
| *1998* | *1538* | *77* | *221* | *314* | *312* |
| 1999 | 1574 | 78 | 225 | 320 | 317 |
| 2000 | 1605 | 79 | 229 | 327 | 321 |
| 2001 | 1632 | 80 | 231 | 333 | 325 |
| 2002 | 1654 | 80 | 233 | 339 | 329 |
| 2003 | 1674 | 81 | 234 | 345 | 333 |
| 2004 | 1692 | 82 | 234 | 351 | 338 |
| 2005 | 1708 | 82 | 234 | 356 | 343 |
| 2006 | 1723 | 83 | 234 | 361 | 348 |
| 2007 | 1737 | 84 | 234 | 366 | 354 |
| 2008 | 1750 | 84 | 234 | 371 | 361 |
| 2009 | 1763 | 85 | 233 | 376 | 368 |
| 2010 | 1775 | 86 | 233 | 381 | 375 |
| 2011 | 1788 | 87 | 233 | 386 | 384 |
| 2012 | 1801 | 87 | 233 | 391 | 393 |
| 2013 | 1816 | 88 | 233 | 395 | 403 |
| 2014 | 1831 | 90 | 233 | 401 | 413 |
| 2015 | 1847 | 91 | 233 | 406 | 424 |
| 2016 | 1863 | 92 | 234 | 411 | 436 |
| 2017 | 1880 | 93 | 235 | 416 | 448 |
| 2018 | 1897 | 95 | 235 | 421 | 460 |
| 2019 | 1914 | 96 | 236 | 426 | 472 |
| 2020 | 1931 | 97 | 237 | 432 | 485 |
| 2021 | 1949 | 99 | 238 | 437 | 499 |
| 2022 | 1966 | 100 | 239 | 442 | 512 |
| 2023 | 1983 | 101 | 240 | 447 | 525 |
| 2024 | 1998 | 103 | 241 | 451 | 538 |
| 2025 | 2012 | 104 | 242 | 456 | 549 |

# Appendix 3 (continued)

| 60. Parkland -High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *1194* | *68* | *170* | *235* | *149* |
| *1990* | *1226* | *66* | *177* | *237* | *154* |
| *1991* | *1280* | *72* | *194* | *230* | *182* |
| *1992* | *1320* | *66* | *196* | *247* | *203* |
| *1993* | *1368* | *63* | *196* | *251* | *248* |
| *1994* | *1412* | *59* | *198* | *270* | *264* |
| *1995* | *1447* | *63* | *206* | *281* | *283* |
| *1996* | *1476* | *63* | *200* | *285* | *301* |
| *1997* | *1502* | *70* | *208* | *297* | *309* |
| *1998* | *1538* | *77* | *221* | *314* | *312* |
| 1999 | 1576 | 78 | 226 | 321 | 317 |
| 2000 | 1608 | 79 | 229 | 328 | 321 |
| 2001 | 1636 | 80 | 231 | 334 | 326 |
| 2002 | 1661 | 81 | 233 | 341 | 330 |
| 2003 | 1683 | 81 | 234 | 347 | 334 |
| 2004 | 1703 | 82 | 235 | 353 | 339 |
| 2005 | 1721 | 83 | 236 | 358 | 345 |
| 2006 | 1738 | 84 | 236 | 364 | 350 |
| 2007 | 1755 | 84 | 236 | 370 | 357 |
| 2008 | 1771 | 85 | 236 | 375 | 364 |
| 2009 | 1787 | 86 | 236 | 381 | 371 |
| 2010 | 1803 | 87 | 236 | 386 | 380 |
| 2011 | 1819 | 88 | 236 | 392 | 389 |
| 2012 | 1836 | 89 | 236 | 398 | 399 |
| 2013 | 1854 | 90 | 237 | 403 | 410 |
| 2014 | 1873 | 92 | 237 | 409 | 421 |
| 2015 | 1893 | 93 | 238 | 415 | 433 |
| 2016 | 1914 | 95 | 239 | 421 | 446 |
| 2017 | 1935 | 96 | 240 | 427 | 459 |
| 2018 | 1957 | 98 | 242 | 434 | 473 |
| 2019 | 1979 | 99 | 243 | 440 | 486 |
| 2020 | 2002 | 101 | 244 | 446 | 501 |
| 2021 | 2025 | 102 | 246 | 452 | 516 |
| 2022 | 2048 | 104 | 248 | 459 | 531 |
| 2023 | 2071 | 106 | 249 | 465 | 546 |
| 2024 | 2093 | 107 | 251 | 471 | 561 |
| 2025 | 2113 | 109 | 252 | 477 | 574 |

# Appendix 3 (continued)

| 70. Norman - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *340* | *22* | *32* | *68* | *27* |
| *1990* | *343* | *26* | *34* | *70* | *25* |
| *1991* | *340* | *23* | *38* | *70* | *24* |
| *1992* | *369* | *26* | *42* | *81* | *27* |
| *1993* | *385* | *22* | *44* | *82* | *41* |
| *1994* | *408* | *23* | *52* | *83* | *56* |
| *1995* | *431* | *19* | *59* | *87* | *69* |
| *1996* | *444* | *28* | *52* | *96* | *68* |
| *1997* | *463* | *26* | *57* | *98* | *65* |
| *1998* | *474* | *27* | *58* | *102* | *67* |
| 1999 | 485 | 25 | 58 | 104 | 70 |
| 2000 | 497 | 24 | 58 | 106 | 72 |
| 2001 | 507 | 24 | 58 | 109 | 75 |
| 2002 | 518 | 25 | 58 | 111 | 78 |
| 2003 | 529 | 25 | 59 | 114 | 81 |
| 2004 | 539 | 26 | 59 | 117 | 84 |
| 2005 | 550 | 26 | 60 | 120 | 87 |
| 2006 | 561 | 27 | 60 | 124 | 90 |
| 2007 | 573 | 28 | 61 | 127 | 94 |
| 2008 | 586 | 29 | 62 | 131 | 98 |
| 2009 | 598 | 30 | 63 | 134 | 103 |
| 2010 | 612 | 31 | 64 | 138 | 108 |
| 2011 | 625 | 32 | 65 | 142 | 113 |
| 2012 | 638 | 33 | 66 | 146 | 118 |
| 2013 | 651 | 34 | 67 | 150 | 123 |
| 2014 | 665 | 35 | 69 | 153 | 129 |
| 2015 | 678 | 35 | 70 | 157 | 135 |
| 2016 | 691 | 36 | 71 | 161 | 141 |
| 2017 | 705 | 37 | 72 | 165 | 147 |
| 2018 | 718 | 38 | 74 | 169 | 153 |
| 2019 | 731 | 39 | 75 | 173 | 160 |
| 2020 | 745 | 40 | 76 | 177 | 166 |
| 2021 | 758 | 41 | 78 | 181 | 172 |
| 2022 | 770 | 42 | 79 | 184 | 179 |
| 2023 | 782 | 43 | 80 | 188 | 185 |
| 2024 | 793 | 44 | 81 | 191 | 191 |
| 2025 | 802 | 45 | 82 | 194 | 196 |

# Appendix 3 (continued)

| 70. Norman -High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *340* | *22* | *32* | *68* | *27* |
| *1990* | *343* | *26* | *34* | *70* | *25* |
| *1991* | *340* | *23* | *38* | *70* | *24* |
| *1992* | *369* | *26* | *42* | *81* | *27* |
| *1993* | *385* | *22* | *44* | *82* | *41* |
| *1994* | *408* | *23* | *52* | *83* | *56* |
| *1995* | *431* | *19* | *59* | *87* | *69* |
| *1996* | *444* | *28* | *52* | *96* | *68* |
| *1997* | *463* | *26* | *57* | *98* | *65* |
| *1998* | *474* | *27* | *58* | *102* | *67* |
| 1999 | 486 | 25 | 58 | 104 | 70 |
| 2000 | 498 | 24 | 58 | 106 | 72 |
| 2001 | 510 | 24 | 59 | 109 | 75 |
| 2002 | 521 | 25 | 59 | 112 | 78 |
| 2003 | 533 | 25 | 59 | 115 | 81 |
| 2004 | 545 | 26 | 60 | 119 | 84 |
| 2005 | 557 | 27 | 60 | 122 | 87 |
| 2006 | 569 | 28 | 61 | 126 | 91 |
| 2007 | 583 | 28 | 62 | 129 | 95 |
| 2008 | 596 | 29 | 63 | 133 | 99 |
| 2009 | 611 | 30 | 64 | 137 | 104 |
| 2010 | 626 | 32 | 65 | 141 | 110 |
| 2011 | 641 | 33 | 66 | 145 | 115 |
| 2012 | 656 | 34 | 68 | 150 | 121 |
| 2013 | 671 | 35 | 69 | 154 | 126 |
| 2014 | 687 | 36 | 70 | 158 | 133 |
| 2015 | 703 | 37 | 72 | 163 | 139 |
| 2016 | 718 | 38 | 73 | 167 | 146 |
| 2017 | 734 | 39 | 75 | 172 | 152 |
| 2018 | 750 | 40 | 76 | 176 | 159 |
| 2019 | 766 | 41 | 78 | 181 | 166 |
| 2020 | 782 | 42 | 80 | 185 | 173 |
| 2021 | 798 | 44 | 81 | 190 | 181 |
| 2022 | 814 | 45 | 83 | 194 | 188 |
| 2023 | 828 | 46 | 84 | 198 | 195 |
| 2024 | 843 | 47 | 86 | 202 | 202 |
| 2025 | 856 | 48 | 87 | 206 | 208 |

# Appendix 3 (continued)

| 80. Burntwood -Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *219* | *16* | *17* | *30* | *16* |
| *1990* | *235* | *19* | *16* | *33* | *16* |
| *1991* | *248* | *18* | *20* | *37* | *19* |
| *1992* | *252* | *17* | *20* | *40* | *16* |
| *1993* | *282* | *14* | *23* | *44* | *26* |
| *1994* | *293* | *13* | *21* | *45* | *31* |
| *1995* | *314* | *18* | *24* | *47* | *35* |
| *1996* | *340* | *15* | *28* | *59* | *36* |
| *1997* | *358* | *9* | *35* | *60* | *41* |
| *1998* | *362* | *11* | *31* | *53* | *40* |
| 1999 | 373 | 11 | 32 | 56 | 42 |
| 2000 | 385 | 13 | 34 | 59 | 45 |
| 2001 | 397 | 14 | 36 | 63 | 48 |
| 2002 | 411 | 15 | 38 | 66 | 51 |
| 2003 | 425 | 16 | 41 | 70 | 54 |
| 2004 | 439 | 18 | 43 | 73 | 57 |
| 2005 | 453 | 19 | 45 | 76 | 60 |
| 2006 | 467 | 20 | 47 | 80 | 64 |
| 2007 | 481 | 21 | 48 | 83 | 68 |
| 2008 | 496 | 22 | 50 | 87 | 72 |
| 2009 | 511 | 22 | 52 | 90 | 76 |
| 2010 | 526 | 23 | 54 | 94 | 80 |
| 2011 | 541 | 24 | 56 | 98 | 85 |
| 2012 | 556 | 25 | 57 | 101 | 89 |
| 2013 | 571 | 26 | 59 | 105 | 94 |
| 2014 | 585 | 27 | 61 | 109 | 99 |
| 2015 | 600 | 27 | 63 | 113 | 104 |
| 2016 | 615 | 28 | 64 | 116 | 108 |
| 2017 | 629 | 29 | 66 | 120 | 113 |
| 2018 | 644 | 30 | 68 | 124 | 118 |
| 2019 | 659 | 31 | 70 | 128 | 123 |
| 2020 | 673 | 32 | 71 | 132 | 128 |
| 2021 | 687 | 33 | 73 | 136 | 133 |
| 2022 | 702 | 34 | 75 | 140 | 138 |
| 2023 | 716 | 35 | 77 | 143 | 143 |
| 2024 | 730 | 36 | 79 | 147 | 148 |
| 2025 | 744 | 37 | 80 | 151 | 153 |

# Appendix 3 (continued)

| 80. Burntwood - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *219* | *16* | *17* | *30* | *16* |
| *1990* | *235* | *19* | *16* | *33* | *16* |
| *1991* | *248* | *18* | *20* | *37* | *19* |
| *1992* | *252* | *17* | *20* | *40* | *16* |
| *1993* | *282* | *14* | *23* | *44* | *26* |
| *1994* | *293* | *13* | *21* | *45* | *31* |
| *1995* | *314* | *18* | *24* | *47* | *35* |
| *1996* | *340* | *15* | *28* | *59* | *36* |
| *1997* | *358* | *9* | *35* | *60* | *41* |
| *1998* | *362* | *11* | *31* | *53* | *40* |
| 1999 | 374 | 11 | 32 | 56 | 42 |
| 2000 | 386 | 13 | 34 | 60 | 45 |
| 2001 | 399 | 14 | 36 | 63 | 48 |
| 2002 | 413 | 15 | 39 | 67 | 51 |
| 2003 | 428 | 17 | 41 | 70 | 54 |
| 2004 | 443 | 18 | 43 | 74 | 57 |
| 2005 | 458 | 19 | 45 | 77 | 61 |
| 2006 | 473 | 20 | 47 | 81 | 64 |
| 2007 | 489 | 21 | 49 | 85 | 68 |
| 2008 | 505 | 22 | 51 | 88 | 72 |
| 2009 | 521 | 23 | 53 | 92 | 77 |
| 2010 | 537 | 24 | 55 | 96 | 81 |
| 2011 | 554 | 25 | 57 | 100 | 86 |
| 2012 | 570 | 26 | 59 | 104 | 91 |
| 2013 | 586 | 26 | 61 | 108 | 96 |
| 2014 | 603 | 27 | 62 | 112 | 101 |
| 2015 | 619 | 28 | 64 | 116 | 106 |
| 2016 | 636 | 29 | 66 | 120 | 111 |
| 2017 | 653 | 30 | 68 | 125 | 117 |
| 2018 | 669 | 31 | 70 | 129 | 122 |
| 2019 | 686 | 32 | 72 | 133 | 128 |
| 2020 | 703 | 33 | 74 | 137 | 133 |
| 2021 | 719 | 34 | 76 | 142 | 139 |
| 2022 | 736 | 36 | 78 | 146 | 144 |
| 2023 | 753 | 37 | 80 | 150 | 150 |
| 2024 | 770 | 38 | 82 | 155 | 155 |
| 2025 | 786 | 39 | 84 | 159 | 161 |

# Appendix 3 (continued)

| 90. Churchill - Low | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *9* | *1* | *1* | *1* | *0* |
| *1990* | *8* | *0* | *1* | *2* | *0* |
| *1991* | *8* | *0* | *1* | *1* | *0* |
| *1992* | *8* | *0* | *1* | *0* | *0* |
| *1993* | *7* | *0* | *1* | *0* | *0* |
| *1994* | *7* | *0* | *1* | *0* | *0* |
| *1995* | *11* | *0* | *1* | *1* | *0* |
| *1996* | *12* | *0* | *1* | *3* | *0* |
| *1997* | *14* | *0* | *1* | *5* | *0* |
| *1998* | *14* | *0* | *1* | *4* | *1* |
| 1999 | 15 | 0 | 1 | 4 | 1 |
| 2000 | 17 | 0 | 1 | 4 | 1 |
| 2001 | 18 | 0 | 1 | 5 | 2 |
| 2002 | 19 | 1 | 1 | 5 | 2 |
| 2003 | 20 | 1 | 1 | 5 | 2 |
| 2004 | 21 | 1 | 2 | 5 | 2 |
| 2005 | 23 | 1 | 2 | 5 | 2 |
| 2006 | 24 | 1 | 2 | 6 | 2 |
| 2007 | 25 | 1 | 2 | 6 | 3 |
| 2008 | 26 | 1 | 2 | 6 | 3 |
| 2009 | 27 | 1 | 2 | 6 | 3 |
| 2010 | 29 | 1 | 2 | 7 | 3 |
| 2011 | 30 | 1 | 2 | 7 | 4 |
| 2012 | 31 | 1 | 2 | 7 | 4 |
| 2013 | 32 | 1 | 3 | 7 | 4 |
| 2014 | 34 | 1 | 3 | 8 | 5 |
| 2015 | 35 | 1 | 3 | 8 | 5 |
| 2016 | 36 | 1 | 3 | 8 | 5 |
| 2017 | 37 | 1 | 3 | 8 | 5 |
| 2018 | 38 | 1 | 3 | 9 | 6 |
| 2019 | 39 | 1 | 3 | 9 | 6 |
| 2020 | 40 | 1 | 3 | 9 | 6 |
| 2021 | 41 | 1 | 3 | 9 | 7 |
| 2022 | 42 | 1 | 3 | 10 | 7 |
| 2023 | 43 | 1 | 3 | 10 | 7 |
| 2024 | 44 | 2 | 3 | 10 | 7 |
| 2025 | 44 | 2 | 4 | 10 | 8 |

# Appendix 3 (continued)

| 90. Churchill - High | | | | | |
|---|---|---|---|---|---|
| Year | Total | Lung | Colorectal | Breast | Prostate |
| *1989* | *9* | *1* | *1* | *1* | *0* |
| *1990* | *8* | *0* | *1* | *2* | *0* |
| *1991* | *8* | *0* | *1* | *1* | *0* |
| *1992* | *8* | *0* | *1* | *0* | *0* |
| *1993* | *7* | *0* | *1* | *0* | *0* |
| *1994* | *7* | *0* | *1* | *0* | *0* |
| *1995* | *11* | *0* | *1* | *1* | *0* |
| *1996* | *12* | *0* | *1* | *3* | *0* |
| *1997* | *14* | *0* | *1* | *5* | *0* |
| *1998* | *14* | *0* | *1* | *4* | *1* |
| 1999 | 15 | 0 | 1 | 4 | 1 |
| 2000 | 17 | 0 | 1 | 4 | 1 |
| 2001 | 18 | 0 | 1 | 5 | 2 |
| 2002 | 19 | 1 | 1 | 5 | 2 |
| 2003 | 20 | 1 | 1 | 5 | 2 |
| 2004 | 22 | 1 | 2 | 5 | 2 |
| 2005 | 23 | 1 | 2 | 5 | 2 |
| 2006 | 24 | 1 | 2 | 6 | 3 |
| 2007 | 25 | 1 | 2 | 6 | 3 |
| 2008 | 27 | 1 | 2 | 6 | 3 |
| 2009 | 28 | 1 | 2 | 6 | 3 |
| 2010 | 29 | 1 | 2 | 7 | 4 |
| 2011 | 31 | 1 | 2 | 7 | 4 |
| 2012 | 32 | 1 | 2 | 7 | 4 |
| 2013 | 33 | 1 | 3 | 7 | 4 |
| 2014 | 35 | 1 | 3 | 8 | 5 |
| 2015 | 36 | 1 | 3 | 8 | 5 |
| 2016 | 37 | 1 | 3 | 8 | 5 |
| 2017 | 38 | 1 | 3 | 9 | 6 |
| 2018 | 40 | 1 | 3 | 9 | 6 |
| 2019 | 41 | 1 | 3 | 9 | 6 |
| 2020 | 42 | 1 | 3 | 10 | 7 |
| 2021 | 43 | 1 | 3 | 10 | 7 |
| 2022 | 44 | 2 | 4 | 10 | 7 |
| 2023 | 45 | 2 | 4 | 10 | 7 |
| 2024 | 46 | 2 | 4 | 11 | 8 |
| 2025 | 47 | 2 | 4 | 11 | 8 |