ALBERTA

Population, Socioeconomics and Health Summary

FEBRUARY 2011
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Suggested Citation:
Population of Alberta

ALBERTA AT A GLANCE

The province of Alberta has an area of 660,200 km$^2$.

On average, there are 4.5 people per km$^2$ but density ranges from less than 1 person per km$^2$ to more than 3,000 people per km$^2$ in the big cities.

Alberta Health Services considers the health needs of Albertans and divides the province into five Zones for planning and delivery of health services.

For the purposes of this report, data are presented for residents of the Province, five Zones and then smaller geographies within Zones.

The North Zone has an area of 448,500 km$^2$ and a population of 435,255 in 2010.

The Edmonton Zone has an area of 11,800 km$^2$ and a population of 1,156,928 in 2010.

The Central Zone has an area of 95,000 km$^2$ and a population of 445,004 in 2010.

The Calgary Zone has an area of 39,300 km$^2$ and a population of 1,371,401 in 2010.

The South Zone has an area of 65,500 km$^2$ and a population of 281,934 in 2010.
In Alberta in 2010:
3,690,522 people lived here
- 1,848,641 were men
- 1,841,881 were women

In Alberta in 2009:
- 51,068 babies were born to Albertans
- 20,765 Albertans died

The life expectancy at birth was 81.0 years overall (using 2009 death data)
- Male life expectancy at birth was 78.8 years
- Female life expectancy at birth was 83.2 years

The leading causes of death for Albertans in the period of 2007 to 2009 were Circulatory Diseases and Cancer

The number of times Albertans were Hospitalized in 2009 was 361,058 and the most common reason, after obstetric and birth related hospitalizations, was related to Digestive Disease

The number of times Albertans visited Emergency Departments in 2009 was 2,084,333 and the most common reason was related to Unintentional Injury

According to the 2006 Federal Census:
- 527,035 immigrants lived here
- 19.7% of immigrants had arrived in the last 5 years
- The average census family income per year was $98,240
- 27.2% of people 65 years of age or older, lived alone
- 9.1% of households spoke a language at home that was neither French or English

Table 1: Population Summary for Albertans

<table>
<thead>
<tr>
<th>Year</th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>1,482,169</td>
<td>1,486,514</td>
<td>2,968,683</td>
</tr>
<tr>
<td>2010</td>
<td>1,848,641</td>
<td>1,841,881</td>
<td>3,690,522</td>
</tr>
<tr>
<td>2020</td>
<td>2,229,289</td>
<td>2,190,420</td>
<td>4,419,709</td>
</tr>
</tbody>
</table>

Source: Please refer to Appendix 1 – Data Sources and Definitions

Figure 1: Alberta’s changing population

Source: Please refer to Appendix 1 – Data Sources and Definitions

Figure 2: Population of Alberta, 2010

Source: Please refer to Appendix 1 – Data Sources and Definitions
# Socioeconomics of Alberta Residents

## Table 2: Population/Geography Indicators for Albertans

<table>
<thead>
<tr>
<th>Population/Geographical Indicators (2010)</th>
<th>South Zone</th>
<th>Calgary Zone</th>
<th>Central Zone</th>
<th>Edmonton Zone</th>
<th>North Zone</th>
<th>ALBERTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Both Males and Females</td>
<td>281,934</td>
<td>1,371,401</td>
<td>445,004</td>
<td>1,156,928</td>
<td>435,255</td>
<td>3,690,522</td>
</tr>
<tr>
<td>Males</td>
<td>140,604</td>
<td>685,388</td>
<td>222,257</td>
<td>577,091</td>
<td>223,301</td>
<td>1,848,641</td>
</tr>
<tr>
<td>Females</td>
<td>141,330</td>
<td>686,013</td>
<td>222,747</td>
<td>579,837</td>
<td>211,954</td>
<td>1,841,881</td>
</tr>
<tr>
<td>Percent of population less than 1 year of age</td>
<td>1.5%</td>
<td>1.4%</td>
<td>1.4%</td>
<td>1.3%</td>
<td>1.7%</td>
<td>1.4%</td>
</tr>
<tr>
<td>Percent of population 1 to 4 years of age</td>
<td>5.7%</td>
<td>5.3%</td>
<td>5.5%</td>
<td>5.1%</td>
<td>6.3%</td>
<td>5.4%</td>
</tr>
<tr>
<td>Percent of population 5 to 14 years of age</td>
<td>13.1%</td>
<td>11.8%</td>
<td>12.9%</td>
<td>11.6%</td>
<td>14.0%</td>
<td>12.2%</td>
</tr>
<tr>
<td>Percent of population 15 to 19 years of age</td>
<td>7.0%</td>
<td>6.3%</td>
<td>7.1%</td>
<td>6.5%</td>
<td>7.5%</td>
<td>6.7%</td>
</tr>
<tr>
<td>Percent of population 20 to 44 years of age</td>
<td>33.7%</td>
<td>38.9%</td>
<td>33.6%</td>
<td>37.4%</td>
<td>37.1%</td>
<td>37.2%</td>
</tr>
<tr>
<td>Percent of population 45 to 64 years of age</td>
<td>25.4%</td>
<td>26.5%</td>
<td>26.5%</td>
<td>26.7%</td>
<td>24.7%</td>
<td>26.3%</td>
</tr>
<tr>
<td>Percent of population 65 to 74 years of age</td>
<td>6.9%</td>
<td>5.4%</td>
<td>6.9%</td>
<td>6.1%</td>
<td>5.1%</td>
<td>5.9%</td>
</tr>
<tr>
<td>Percent of population 75 years of age or older</td>
<td>6.6%</td>
<td>4.5%</td>
<td>6.2%</td>
<td>5.3%</td>
<td>3.7%</td>
<td>5.0%</td>
</tr>
<tr>
<td>Largest 5 year age group, Both males and females</td>
<td>25-29 yrs</td>
<td>25-29 yrs</td>
<td>45-49 yrs</td>
<td>25-29 yrs</td>
<td>25-29 yrs</td>
<td>25-29 yrs</td>
</tr>
<tr>
<td>Largest 5 year age group, males</td>
<td>25-29 yrs</td>
<td>45-49 yrs</td>
<td>50-54 yrs</td>
<td>25-29 yrs</td>
<td>25-29 yrs</td>
<td>25-29 yrs</td>
</tr>
<tr>
<td>Largest 5 year age group, females</td>
<td>25-29 yrs</td>
<td>25-29 yrs</td>
<td>45-49 yrs</td>
<td>25-29 yrs</td>
<td>25-29 yrs</td>
<td>25-29 yrs</td>
</tr>
<tr>
<td>Average age (years)</td>
<td>37.6 yrs</td>
<td>36.8 yrs</td>
<td>37.8 yrs</td>
<td>37.5 yrs</td>
<td>34.6 yrs</td>
<td>36.9 yrs</td>
</tr>
<tr>
<td>Area (km²)</td>
<td>65,500</td>
<td>39,300</td>
<td>95,000</td>
<td>11,800</td>
<td>448,500</td>
<td>660,200</td>
</tr>
<tr>
<td>Number of people per km²</td>
<td>4.3</td>
<td>34.9</td>
<td>4.7</td>
<td>98.0</td>
<td>1.0</td>
<td>4.5</td>
</tr>
<tr>
<td>Number of dwellings per km² (2006)</td>
<td>1.6</td>
<td>12.3</td>
<td>1.8</td>
<td>36.2</td>
<td>0.3</td>
<td>1.9</td>
</tr>
</tbody>
</table>

*Source: Please refer to Appendix 1 – Data Sources and Definitions*
Table 3: Socioeconomics of Albertans

<table>
<thead>
<tr>
<th>Socioeconomic Indicators (2006)</th>
<th>South Zone</th>
<th>Calgary Zone</th>
<th>Central Zone</th>
<th>Edmonton Zone</th>
<th>North Zone</th>
<th>ALBERTA</th>
<th>CANADA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Family Composition</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent male lone parent families</td>
<td>2.4%</td>
<td>2.8%</td>
<td>2.8%</td>
<td>3.1%</td>
<td>3.4%</td>
<td>3.1%</td>
<td>3.2%</td>
</tr>
<tr>
<td>Number male lone parent families</td>
<td>1,635</td>
<td>9,150</td>
<td>3,142</td>
<td>8,881</td>
<td>3,439</td>
<td>27,710</td>
<td>281,770</td>
</tr>
<tr>
<td>Percent female lone parent families</td>
<td>10.3%</td>
<td>11.0%</td>
<td>9.6%</td>
<td>12.8%</td>
<td>9.4%</td>
<td>11.3%</td>
<td>12.7%</td>
</tr>
<tr>
<td>Number female lone parent families</td>
<td>7,107</td>
<td>36,016</td>
<td>10,826</td>
<td>36,182</td>
<td>9,578</td>
<td>102,555</td>
<td>1,132,290</td>
</tr>
<tr>
<td>Percent 65 yrs of age and older who live alone</td>
<td>29.1%</td>
<td>24.8%</td>
<td>28.0%</td>
<td>27.9%</td>
<td>26.2%</td>
<td>27.2%</td>
<td>28.1%</td>
</tr>
<tr>
<td><strong>Home Ownership</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent living in owned dwellings</td>
<td>74.4%</td>
<td>74.1%</td>
<td>75.9%</td>
<td>69.1%</td>
<td>73.8%</td>
<td>73.1%</td>
<td>68.4%</td>
</tr>
<tr>
<td>Percent where &gt; 30% of income is spent on housing for homeowners</td>
<td>13.5%</td>
<td>18.9%</td>
<td>12.8%</td>
<td>15.3%</td>
<td>12.6%</td>
<td>16.2%</td>
<td>17.5%</td>
</tr>
<tr>
<td>Average value of dwelling</td>
<td>$195,811</td>
<td>$379,643</td>
<td>$212,567</td>
<td>$265,018</td>
<td>$239,839</td>
<td>$293,811</td>
<td>$263,369</td>
</tr>
<tr>
<td>Percent of homeowners who have homes in need of major repairs</td>
<td>8.7%</td>
<td>4.9%</td>
<td>8.4%</td>
<td>5.6%</td>
<td>10.5%</td>
<td>6.7%</td>
<td>7.5%</td>
</tr>
<tr>
<td>Percent living in rented dwellings</td>
<td>24.2%</td>
<td>25.1%</td>
<td>22.3%</td>
<td>30.3%</td>
<td>22.0%</td>
<td>26.3%</td>
<td>31.2%</td>
</tr>
<tr>
<td>Percent where &gt; 30% of income is spent on housing for renters</td>
<td>34.4%</td>
<td>38.3%</td>
<td>32.5%</td>
<td>38.3%</td>
<td>28.3%</td>
<td>36.9%</td>
<td>39.9%</td>
</tr>
<tr>
<td>Percent living in band housing</td>
<td>0.6%</td>
<td>0.1%</td>
<td>1.0%</td>
<td>0.1%</td>
<td>2.7%</td>
<td>0.6%</td>
<td>0.4%</td>
</tr>
<tr>
<td><strong>Mobility</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent who are in the same address as of ONE year ago</td>
<td>82.5%</td>
<td>79.9%</td>
<td>82.1%</td>
<td>81.6%</td>
<td>81.3%</td>
<td>81.1%</td>
<td>85.9%</td>
</tr>
<tr>
<td>Percent who are in the same address as of FIVE years ago</td>
<td>53.6%</td>
<td>46.1%</td>
<td>53.5%</td>
<td>50.1%</td>
<td>51.7%</td>
<td>49.6%</td>
<td>56.5%</td>
</tr>
<tr>
<td><strong>Language</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent who do not speak either official language (French or English)</td>
<td>0.7%</td>
<td>1.8%</td>
<td>0.3%</td>
<td>1.4%</td>
<td>0.5%</td>
<td>1.2%</td>
<td>1.7%</td>
</tr>
<tr>
<td>Percent of households where a non-official language is spoken at home</td>
<td>6.4%</td>
<td>12.2%</td>
<td>3.3%</td>
<td>9.3%</td>
<td>6.0%</td>
<td>9.1%</td>
<td>11.1%</td>
</tr>
<tr>
<td>Top 5 non-official languages spoken at home</td>
<td>German</td>
<td>Chinese</td>
<td>German</td>
<td>Chinese</td>
<td>German</td>
<td>Chinese</td>
<td>Spanish</td>
</tr>
<tr>
<td>Aboriginal Languages</td>
<td>Punjabi</td>
<td>Spanish</td>
<td>Punjabi</td>
<td>Aboriginal Languages</td>
<td>German</td>
<td>Punjabi</td>
<td>Spanish</td>
</tr>
<tr>
<td>Chinese</td>
<td>Spanish</td>
<td>Aboriginal Languages</td>
<td>Vietnamese</td>
<td>Chinese</td>
<td>Punjabi</td>
<td>Spanish</td>
<td>Italian</td>
</tr>
<tr>
<td>Dutch</td>
<td>Tagalog</td>
<td>Dutch</td>
<td>Tagalog</td>
<td>Spanish</td>
<td>Spanish</td>
<td>Italian</td>
<td>Arabic</td>
</tr>
<tr>
<td>Spanish</td>
<td>Vietnamese</td>
<td>Chinese</td>
<td>Spanish</td>
<td>Other</td>
<td>Tagalog</td>
<td>Arabic</td>
<td></td>
</tr>
</tbody>
</table>
### Table 3: Socioeconomics of Albertans

<table>
<thead>
<tr>
<th>Socioeconomic Indicators (2006)</th>
<th>South Zone</th>
<th>Calgary Zone</th>
<th>Central Zone</th>
<th>Edmonton Zone</th>
<th>North Zone</th>
<th>ALBERTA</th>
<th>CANADA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immigration</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Percent whose parents were born in a country other than Canada</td>
<td>12.7%</td>
<td>26.9%</td>
<td>7.9%</td>
<td>22.7%</td>
<td>7.7%</td>
<td>20.0%</td>
<td>23.9%</td>
</tr>
<tr>
<td>Total number of immigrants</td>
<td>25,060</td>
<td>263,422</td>
<td>24,359</td>
<td>188,501</td>
<td>21,559</td>
<td>527,035</td>
<td>6,186,945</td>
</tr>
<tr>
<td>Percent of recent immigrants (Arriving in last 5 yrs)</td>
<td>15.4%</td>
<td>22.3%</td>
<td>14.6%</td>
<td>16.5%</td>
<td>19.7%</td>
<td>19.7%</td>
<td>17.9%</td>
</tr>
<tr>
<td>Top 5 places of birth for RECENT immigrants</td>
<td>C America</td>
<td>E Asia</td>
<td>W Europe</td>
<td>SE Asia</td>
<td>S Asia</td>
<td>E Asia</td>
<td>S Asia</td>
</tr>
<tr>
<td></td>
<td>N Africa</td>
<td>S Asia</td>
<td>SE Asia</td>
<td>E Asia</td>
<td>S America</td>
<td>S Asia</td>
<td>E Asia</td>
</tr>
<tr>
<td></td>
<td>USA</td>
<td>SE Asia</td>
<td>USA</td>
<td>N Europe</td>
<td>SE Asia</td>
<td>SE Asia</td>
<td>WC Asia &amp; Mid East</td>
</tr>
<tr>
<td></td>
<td>E Africa</td>
<td>WC Asia &amp; Mid East</td>
<td>S America</td>
<td>S Asia</td>
<td>USA</td>
<td>WC Asia &amp; Mid East</td>
<td>SE Asia</td>
</tr>
<tr>
<td></td>
<td>E Asia</td>
<td>E Europe</td>
<td>S Africa</td>
<td>E Europe</td>
<td>S Africa</td>
<td>E Europe</td>
<td>E Europe</td>
</tr>
<tr>
<td>Aboriginal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent of population who are Aboriginal</td>
<td>5.6%</td>
<td>2.7%</td>
<td>5.7%</td>
<td>5.0%</td>
<td>15.7%</td>
<td>5.8%</td>
<td>3.8%</td>
</tr>
<tr>
<td>Highest Educational Achievement (25 to 64 yr olds)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent with no high school certificate</td>
<td>20.0%</td>
<td>11.5%</td>
<td>20.6%</td>
<td>13.9%</td>
<td>23.0%</td>
<td>15.4%</td>
<td>15.4%</td>
</tr>
<tr>
<td>Percent with high school certificate</td>
<td>26.8%</td>
<td>22.5%</td>
<td>26.9%</td>
<td>23.6%</td>
<td>25.3%</td>
<td>24.1%</td>
<td>23.9%</td>
</tr>
<tr>
<td>Percent with apprenticeship, trades certificate or diploma</td>
<td>12.9%</td>
<td>9.6%</td>
<td>15.5%</td>
<td>12.5%</td>
<td>16.9%</td>
<td>12.4%</td>
<td>12.4%</td>
</tr>
<tr>
<td>Percent with college/other non-university certificate/diploma</td>
<td>22.3%</td>
<td>21.1%</td>
<td>21.7%</td>
<td>22.0%</td>
<td>20.3%</td>
<td>21.5%</td>
<td>20.3%</td>
</tr>
<tr>
<td>Percent with university certificate, diploma or degree</td>
<td>17.7%</td>
<td>34.9%</td>
<td>14.6%</td>
<td>27.5%</td>
<td>13.9%</td>
<td>26.6%</td>
<td>27.9%</td>
</tr>
<tr>
<td>Census Family Income</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent of families with income &lt; $50,000/yr</td>
<td>33.9%</td>
<td>24.0%</td>
<td>30.6%</td>
<td>26.0%</td>
<td>27.7%</td>
<td>27.6%</td>
<td>34.8%</td>
</tr>
<tr>
<td>Percent of families with income ≥ $100,000/yr</td>
<td>21.6%</td>
<td>37.1%</td>
<td>26.8%</td>
<td>33.2%</td>
<td>34.6%</td>
<td>33.1%</td>
<td>25.5%</td>
</tr>
<tr>
<td>Median income</td>
<td>$64,418</td>
<td>$82,032</td>
<td>$69,968</td>
<td>$78,424</td>
<td>$78,856</td>
<td>$76,642</td>
<td>$66,452</td>
</tr>
<tr>
<td>Average income</td>
<td>$76,536</td>
<td>$105,277</td>
<td>$82,238</td>
<td>$91,780</td>
<td>$91,832</td>
<td>$98,240</td>
<td>$82,325</td>
</tr>
</tbody>
</table>

Source: Please refer to Appendix 1 – Data Sources and Definitions
# Health Summary of Albertans

## Table 4: Summary of Health Indicators for Albertans

<table>
<thead>
<tr>
<th>Indicator Category</th>
<th>South Zone</th>
<th>Calgary Zone</th>
<th>Central Zone</th>
<th>Edmonton Zone</th>
<th>North Zone</th>
<th>ALBERTA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Births 2009</strong></td>
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<td>Number of Births</td>
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<td>18,765</td>
<td>5,704</td>
<td>15,254</td>
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<tr>
<td>Percent Low Birth Weight (of live births, &lt;2500 gm)</td>
<td>5.8%</td>
<td>7.7%</td>
<td>6.2%</td>
<td>7.0%</td>
<td>5.6%</td>
<td>6.9%</td>
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<tr>
<td>Percent High Birth Weight (of live births, ≥ 4000 gm)</td>
<td>12.0%</td>
<td>8.2%</td>
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<td>13.2%</td>
<td>10.4%</td>
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<tr>
<td>Percent Small-for-Gestational-Age (of singleton live births)</td>
<td>7.5%</td>
<td>9.2%</td>
<td>6.7%</td>
<td>8.2%</td>
<td>6.5%</td>
<td>8.1%</td>
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<tr>
<td>Percent Preterm Births (of live births, &lt;37 wks gestation)</td>
<td>6.6%</td>
<td>9.2%</td>
<td>8.6%</td>
<td>9.4%</td>
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<td>Crude Birth Rate (per 1,000)</td>
<td>15.3</td>
<td>14.0</td>
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<td>General Fertility Rate (per 1,000 women 15-49 yr)</td>
<td>64.3</td>
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<td>63.6</td>
<td>54.4</td>
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<tr>
<td>Teen Birth Rate (per 1,000 women 15-19 yr)</td>
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<td>12.2</td>
<td>22.8</td>
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<td>39.0</td>
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<td>Percent Maternal Prenatal Smoking (of deliveries) (2006-2008)</td>
<td>21.9%</td>
<td>12.0%</td>
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<td>17.0%</td>
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<td>18.1%</td>
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<tr>
<td>Life Expectancy (yrs) at Birth (based on 2009 death data)</td>
<td>80.1</td>
<td>82.4</td>
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<td>81.0</td>
<td>79.3</td>
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<td>Life Expectancy at Birth for Males (yrs)</td>
<td>77.9</td>
<td>80.2</td>
<td>78.0</td>
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<td>77.0</td>
<td>78.8</td>
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<tr>
<td>Life Expectancy at Birth for Females (yrs)</td>
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<td>84.4</td>
<td>82.2</td>
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<td>81.8</td>
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<td><strong>Deaths 2007 - 2009</strong></td>
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<td>Infant Mortality Rate (per 1,000 live births) (2005-2009)</td>
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<td>Number of Deaths (2009)</td>
<td>2,130</td>
<td>6,358</td>
<td>3,206</td>
<td>6,787</td>
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<td>Number of Deaths (2007-2009)</td>
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<td>18,872</td>
<td>9,781</td>
<td>19,728</td>
<td>6,813</td>
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<td>Top 7 Causes of Death (2007-2009)</td>
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<td>Circulatory (35.5%)</td>
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<td>Cancer (24.2%)</td>
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<td>Respiratory (8.5%)</td>
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<td>Mental &amp; Behavioral (4.6%)</td>
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<td>Unintentional Injury (7.8%)</td>
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<tr>
<td>Unintentional Injury (4.5%)</td>
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### Table 4: Summary of Health Indicators for Albertans

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<th>Indicator Category</th>
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<th>Central Zone</th>
<th>Edmonton Zone</th>
<th>North Zone</th>
<th>ALBERTA</th>
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<tr>
<td>Top 7 Causes of Death (2007-2009) (continued)</td>
<td>Digestive (4.4%)</td>
<td>Digestive (4.1%)</td>
<td>Nervous System (4.3%)</td>
<td>Digestive (4.5%)</td>
<td>Endocrine &amp; Metabolic (4.2%)</td>
<td>Intentional Injury (3.8%)</td>
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<td>Deaths 2007 – 2009 Crude Rates (per 100,000)</td>
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<td>754.5</td>
<td>599.5</td>
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<td>494.9</td>
<td>790.3</td>
<td>626.8</td>
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<tr>
<td>All Cause Death Rate for Females</td>
<td>746.1</td>
<td>479.4</td>
<td>718.9</td>
<td>572.6</td>
<td>482.3</td>
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<td>92.5</td>
<td>138.3</td>
<td>102.0</td>
<td>89.5</td>
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<td>IHD Death Rate for Males</td>
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<td>101.2</td>
<td>153.3</td>
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<td>138.9</td>
<td>83.9</td>
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<td>86.4</td>
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<td>117.6</td>
<td>191.2</td>
<td>143.6</td>
<td>135.6</td>
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<td>193.5</td>
<td>110.9</td>
<td>169.8</td>
<td>121.8</td>
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<td>136.2</td>
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<td>182.1</td>
<td>155.2</td>
<td>135.1</td>
<td>149.5</td>
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<td>Respiratory Death Rate</td>
<td>65.9</td>
<td>40.8</td>
<td>67.9</td>
<td>59.2</td>
<td>49.2</td>
<td>52.9</td>
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<td>Respiratory Death Rate for Males</td>
<td>68.5</td>
<td>43.9</td>
<td>69.4</td>
<td>60.4</td>
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<td>37.8</td>
<td>66.3</td>
<td>57.9</td>
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<td>50.6</td>
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<td>11.2</td>
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<td>14.1</td>
<td>17.6</td>
<td>13.3</td>
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<td>24.0</td>
<td>20.8</td>
<td>26.5</td>
<td>20.0</td>
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<td>7.4</td>
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<td>22.5</td>
<td>42.8</td>
<td>25.7</td>
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<td>22.3</td>
<td>49.0</td>
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<td>59.5</td>
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<td>13.7</td>
<td>21.4</td>
<td>15.0</td>
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<td>31.7</td>
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<td>31.9</td>
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<td>Lung Cancer Death Rate for Females</td>
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<td>34.1</td>
<td>36.3</td>
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</table>
### Table 4: Summary of Health Indicators for Albertans

<table>
<thead>
<tr>
<th>Indicator Category</th>
<th>South Zone</th>
<th>Calgary Zone</th>
<th>Central Zone</th>
<th>Edmonton Zone</th>
<th>North Zone</th>
<th>ALBERTA</th>
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<tbody>
<tr>
<td><strong>Deaths 2007 – 2009 Crude Rates (per 100,000) (continued)</strong></td>
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<tr>
<td>Colorectal Cancer Death Rate</td>
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<td>15.7</td>
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<td>23.7</td>
<td>25.0</td>
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<td><strong>Deaths 2007 – 2009 Age Standardized Rates (per 100,000) to 1991 Canadian Population (continued)</strong></td>
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<td>Lung Cancer Death Rate</td>
<td>35.4</td>
<td>33.5</td>
<td>40.9</td>
<td>41.5</td>
<td>45.9</td>
<td>38.5</td>
</tr>
<tr>
<td>Lung Cancer Death Rate for Males</td>
<td>42.6</td>
<td>37.3</td>
<td>49.4</td>
<td>50.4</td>
<td>53.3</td>
<td>45.4</td>
</tr>
<tr>
<td>Lung Cancer Death Rate for Females</td>
<td>29.6</td>
<td>30.8</td>
<td>33.9</td>
<td>34.7</td>
<td>39.8</td>
<td>33.3</td>
</tr>
<tr>
<td>Colorectal Cancer Death Rate</td>
<td>15.9</td>
<td>16.0</td>
<td>19.7</td>
<td>16.6</td>
<td>20.7</td>
<td>17.2</td>
</tr>
<tr>
<td>Colorectal Cancer Death Rate for Males</td>
<td>19.6</td>
<td>20.1</td>
<td>23.7</td>
<td>20.7</td>
<td>27.1</td>
<td>21.6</td>
</tr>
<tr>
<td>Colorectal Cancer Death Rate for Females</td>
<td>13.2</td>
<td>12.5</td>
<td>16.0</td>
<td>13.2</td>
<td>14.9</td>
<td>13.5</td>
</tr>
<tr>
<td>Breast Cancer Death Rate for Females</td>
<td>22.2</td>
<td>17.1</td>
<td>23.2</td>
<td>19.6</td>
<td>21.4</td>
<td>19.6</td>
</tr>
<tr>
<td>Prostate Cancer Death Rate for Males</td>
<td>24.1</td>
<td>18.6</td>
<td>26.8</td>
<td>23.5</td>
<td>27.0</td>
<td>22.8</td>
</tr>
<tr>
<td>Stroke Death Rate</td>
<td>31.1</td>
<td>25.1</td>
<td>33.9</td>
<td>26.6</td>
<td>35.5</td>
<td>28.5</td>
</tr>
<tr>
<td>Stroke Death Rate for Males</td>
<td>36.2</td>
<td>25.7</td>
<td>38.6</td>
<td>28.7</td>
<td>37.9</td>
<td>31.0</td>
</tr>
<tr>
<td>Stroke Death Rate for Females</td>
<td>26.4</td>
<td>24.2</td>
<td>30.2</td>
<td>24.6</td>
<td>33.5</td>
<td>26.3</td>
</tr>
<tr>
<td>COPD Death Rate</td>
<td>25.4</td>
<td>22.2</td>
<td>27.9</td>
<td>24.3</td>
<td>32.4</td>
<td>24.9</td>
</tr>
<tr>
<td>COPD Death Rate for Males</td>
<td>32.7</td>
<td>29.1</td>
<td>34.6</td>
<td>31.4</td>
<td>41.6</td>
<td>32.2</td>
</tr>
<tr>
<td>COPD Death Rate for Females</td>
<td>21.1</td>
<td>17.7</td>
<td>23.6</td>
<td>20.1</td>
<td>26.3</td>
<td>20.4</td>
</tr>
</tbody>
</table>

**Hospitalizations 2009**

<table>
<thead>
<tr>
<th>Number of Hospitalizations (including birth/pregnancy)</th>
<th>35,011</th>
<th>112,664</th>
<th>55,540</th>
<th>103,574</th>
<th>54,264</th>
<th>361,058</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent of Hospitalizations that are birth or pregnancy related</td>
<td>23.3%</td>
<td>29.9%</td>
<td>19.3%</td>
<td>28.3%</td>
<td>26.0%</td>
<td>26.6%</td>
</tr>
</tbody>
</table>

**Top 7 overall reasons for Hospitalizations**

<table>
<thead>
<tr>
<th>Obstetric Related (13.2%)</th>
<th>Obstetric Related (17.7%)</th>
<th>Obstetric Related (11.5%)</th>
<th>Obstetric Related (16.1%)</th>
<th>Obstetric Related (14.8%)</th>
<th>Obstetric Related (15.4%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birth Event (10.1%)</td>
<td>Birth Event (12.2%)</td>
<td>Circulatory (9.4%)</td>
<td>Birth Event (12.2%)</td>
<td>Birth Event (11.2%)</td>
<td>Birth Event (11.2%)</td>
</tr>
<tr>
<td>Circulatory (9.1%)</td>
<td>Digestive (7.9%)</td>
<td>Digestive (9.1%)</td>
<td>Health Status (7.8%)</td>
<td>Digestive (8.7%)</td>
<td>Digestive (8.2%)</td>
</tr>
<tr>
<td>Digestive (8.6%)</td>
<td>Circulatory (7.5%)</td>
<td>Birth Event (7.8%)</td>
<td>Digestive (7.7%)</td>
<td>Respiratory (8.5%)</td>
<td>Circulatory (7.8%)</td>
</tr>
<tr>
<td>Respiratory (8.0%)</td>
<td>Genitourinary (5.5%)</td>
<td>Respiratory (7.1%)</td>
<td>Circulatory (7.3%)</td>
<td>Circulatory (7.2%)</td>
<td>Respiratory (6.5%)</td>
</tr>
</tbody>
</table>
Table 4: Summary of Health Indicators for Albertans

<table>
<thead>
<tr>
<th>Indicator Category</th>
<th>South Zone</th>
<th>Calgary Zone</th>
<th>Central Zone</th>
<th>Edmonton Zone</th>
<th>North Zone</th>
<th>ALBERTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top 7 overall reasons for Hospitalizations (continued)</td>
<td>Mental &amp; Behavioral (6.3%)</td>
<td>Mental &amp; Behavioral (5.5%)</td>
<td>Health Status (6.7%)</td>
<td>Unintentional Injury (6.0%)</td>
<td>Health Status (7.0%)</td>
<td>Health Status (6.4%)</td>
</tr>
<tr>
<td></td>
<td>Musculoskeletal (5.3%) &amp; Unintentional Injury (5.3%)</td>
<td>Respiratory (5.3%) &amp; Unintentional Injury (5.3%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Hospitalization 2007 – 2009 Crude Rates (per 1,000)**

<table>
<thead>
<tr>
<th></th>
<th>South Zone</th>
<th>Calgary Zone</th>
<th>Central Zone</th>
<th>Edmonton Zone</th>
<th>North Zone</th>
<th>ALBERTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hospitalization Rate (including birth/pregnancy)</td>
<td>128.5</td>
<td>86.5</td>
<td>129.2</td>
<td>91.5</td>
<td>128.1</td>
<td>101.5</td>
</tr>
<tr>
<td>Hospitalization Rate for Males (including births)</td>
<td>110.4</td>
<td>71.0</td>
<td>113.6</td>
<td>76.5</td>
<td>107.5</td>
<td>85.4</td>
</tr>
<tr>
<td>Hospitalization Rate for Females (including birth/pregnancy)</td>
<td>146.5</td>
<td>101.9</td>
<td>144.7</td>
<td>106.4</td>
<td>149.8</td>
<td>117.6</td>
</tr>
<tr>
<td>Hospitalization Rate (excluding birth/pregnancy)</td>
<td>99.7</td>
<td>60.7</td>
<td>104.0</td>
<td>65.3</td>
<td>95.0</td>
<td>74.6</td>
</tr>
<tr>
<td>Hospitalization Rate for Males (excluding births)</td>
<td>98.3</td>
<td>60.9</td>
<td>104.4</td>
<td>65.6</td>
<td>94.4</td>
<td>74.7</td>
</tr>
<tr>
<td>Hospitalization Rate for Females (excluding birth/pregnancy)</td>
<td>101.0</td>
<td>60.5</td>
<td>103.6</td>
<td>65.1</td>
<td>95.7</td>
<td>74.5</td>
</tr>
</tbody>
</table>

**Hospitalization 2007 – 2009 Age Standardized Rates (per 1,000) to 1991 Canadian Population**

<table>
<thead>
<tr>
<th></th>
<th>South Zone</th>
<th>Calgary Zone</th>
<th>Central Zone</th>
<th>Edmonton Zone</th>
<th>North Zone</th>
<th>ALBERTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hospitalization Rate (including birth/pregnancy)</td>
<td>122.5</td>
<td>88.6</td>
<td>123.8</td>
<td>91.3</td>
<td>134.3</td>
<td>101.8</td>
</tr>
<tr>
<td>Hospitalization Rate for Males (including births)</td>
<td>104.0</td>
<td>74.3</td>
<td>107.7</td>
<td>77.4</td>
<td>114.4</td>
<td>86.6</td>
</tr>
<tr>
<td>Hospitalization Rate for Females (including birth/pregnancy)</td>
<td>142.6</td>
<td>103.2</td>
<td>140.7</td>
<td>105.8</td>
<td>155.4</td>
<td>117.6</td>
</tr>
<tr>
<td>Hospitalization Rate (excluding birth/pregnancy)</td>
<td>90.3</td>
<td>60.8</td>
<td>94.4</td>
<td>62.0</td>
<td>100.8</td>
<td>72.2</td>
</tr>
<tr>
<td>Hospitalization Rate for Males (excluding births)</td>
<td>92.6</td>
<td>64.1</td>
<td>98.4</td>
<td>65.8</td>
<td>102.8</td>
<td>75.8</td>
</tr>
<tr>
<td>Hospitalization Rate for Females (excluding birth/pregnancy)</td>
<td>88.8</td>
<td>58.0</td>
<td>90.9</td>
<td>58.7</td>
<td>99.3</td>
<td>69.2</td>
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</table>

**Emergency Department (ED) Visits 2009**

<table>
<thead>
<tr>
<th></th>
<th>South Zone</th>
<th>Calgary Zone</th>
<th>Central Zone</th>
<th>Edmonton Zone</th>
<th>North Zone</th>
<th>ALBERTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Emergency Department (ED) Visits</td>
<td>183,668</td>
<td>537,166</td>
<td>372,116</td>
<td>451,703</td>
<td>537,767</td>
<td>2,084,333</td>
</tr>
<tr>
<td>Top 7 overall reasons for ED visits</td>
<td>Unintentional Injury (20.5%)</td>
<td>Unintentional Injury (22.1%)</td>
<td>Health Status (18.1%)</td>
<td>Unintentional Injury (21.5%)</td>
<td>Health Status (22.1%)</td>
<td>Unintentional Injury (18.9%)</td>
</tr>
<tr>
<td></td>
<td>Signs &amp; Symptoms (14.6%)</td>
<td>Signs &amp; Symptoms (15.9%)</td>
<td>Unintentional Injury (18.0%)</td>
<td>Signs &amp; Symptoms (18.1%)</td>
<td>Respiratory (16.5%)</td>
<td>Signs &amp; Symptoms (14.0%)</td>
</tr>
<tr>
<td></td>
<td>Respiratory (13.5%)</td>
<td>Respiratory (13.2%)</td>
<td>Respiratory (13.7%)</td>
<td>Respiratory (11.5%)</td>
<td>Unintentional Injury (13.6%)</td>
<td>Health Status (13.9%)</td>
</tr>
<tr>
<td></td>
<td>Health Status (10.7%)</td>
<td>Health Status (9.0%)</td>
<td>Signs &amp; Symptoms (12.2%)</td>
<td>Health Status (7.7%)</td>
<td>Signs &amp; Symptoms (9.8%)</td>
<td>Respiratory (13.8%)</td>
</tr>
<tr>
<td></td>
<td>Digestive (5.8%)</td>
<td>Digestive (5.6%)</td>
<td>Digestive (5.1%)</td>
<td>Digestive (5.9%)</td>
<td>Musculoskeletal (5.5%)</td>
<td>Digestive (5.5%)</td>
</tr>
<tr>
<td></td>
<td>Musculoskeletal (5.2%)</td>
<td>Musculoskeletal (4.8%)</td>
<td>Musculoskeletal (5.0%)</td>
<td>Genitourinary (4.7%)</td>
<td>Digestive (5.2%)</td>
<td>Musculoskeletal (5.0%)</td>
</tr>
<tr>
<td></td>
<td>Genitourinary (4.7%)</td>
<td>Genitourinary (4.6%)</td>
<td>Genitourinary (4.1%)</td>
<td>Musculoskeletal (4.6%)</td>
<td>Genitourinary (4.3%)</td>
<td>Genitourinary (4.5%)</td>
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</tbody>
</table>
### Table 4: Summary of Health Indicators for Albertans

<table>
<thead>
<tr>
<th>Indicator Category</th>
<th>South Zone</th>
<th>Calgary Zone</th>
<th>Central Zone</th>
<th>Edmonton Zone</th>
<th>North Zone</th>
<th>ALBERTA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ED Visits 2009 Crude Rates (per 1,000)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED Visit Rate</td>
<td>657.9</td>
<td>401.6</td>
<td>845.3</td>
<td>398.6</td>
<td>1,260.1</td>
<td>576.3</td>
</tr>
<tr>
<td>ED Visit Rate for Males</td>
<td>636.2</td>
<td>396.6</td>
<td>818.1</td>
<td>395.1</td>
<td>1,163.3</td>
<td>559.0</td>
</tr>
<tr>
<td>ED Visit Rate for Females</td>
<td>679.4</td>
<td>406.6</td>
<td>872.4</td>
<td>402.1</td>
<td>1,361.9</td>
<td>593.6</td>
</tr>
<tr>
<td><strong>ED Visits 2009 Age Standardized Rates (per 1,000) to 1991 Canadian Pop</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED Visit Rate</td>
<td>658.1</td>
<td>408.0</td>
<td>840.5</td>
<td>400.0</td>
<td>1,276.0</td>
<td>579.1</td>
</tr>
<tr>
<td>ED Visit Rate for Males</td>
<td>636.5</td>
<td>406.1</td>
<td>813.8</td>
<td>399.4</td>
<td>1,184.1</td>
<td>565.1</td>
</tr>
<tr>
<td>ED Visit Rate for Females</td>
<td>682.0</td>
<td>410.1</td>
<td>869.1</td>
<td>401.3</td>
<td>1,374.9</td>
<td>594.6</td>
</tr>
<tr>
<td><strong>Risk Factors 2009 Canadian Community Health Survey (CCHS)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent who are normal weight</td>
<td>40.7%</td>
<td>45.5%</td>
<td>37.4%</td>
<td>41.2%</td>
<td>34.6%</td>
<td>41.7%</td>
</tr>
<tr>
<td>Percent who are overweight</td>
<td>39.0%</td>
<td>35.7%</td>
<td>38.0%</td>
<td>37.6%</td>
<td>35.3%</td>
<td>36.8%</td>
</tr>
<tr>
<td>Percent who are obese</td>
<td>18.2%</td>
<td>15.8%</td>
<td>23.5%</td>
<td>19.6%</td>
<td>29.3%</td>
<td>19.5%</td>
</tr>
<tr>
<td>Percent who are never or former smokers</td>
<td>75.6%</td>
<td>81.0%</td>
<td>73.0%</td>
<td>77.0%</td>
<td>72.9%</td>
<td>77.5%</td>
</tr>
<tr>
<td>Percent who are daily smokers</td>
<td>20.3%</td>
<td>13.4%</td>
<td>23.4%</td>
<td>18.3%</td>
<td>21.9%</td>
<td>17.6%</td>
</tr>
<tr>
<td>Percent who are daily or occasional smokers</td>
<td>24.4%</td>
<td>19.0%</td>
<td>27.0%</td>
<td>23.0%</td>
<td>27.1%</td>
<td>22.5%</td>
</tr>
<tr>
<td>Percent who eat 5 or more servings of fruit and vegetables per day</td>
<td>36.7%</td>
<td>46.2%</td>
<td>38.1%</td>
<td>42.0%</td>
<td>36.8%</td>
<td>42.1%</td>
</tr>
<tr>
<td>Percent who are active or moderately active</td>
<td>55.3%</td>
<td>63.0%</td>
<td>50.8%</td>
<td>55.3%</td>
<td>53.4%</td>
<td>57.5%</td>
</tr>
<tr>
<td>Percent who are inactive</td>
<td>44.7%</td>
<td>37.0%</td>
<td>49.2%</td>
<td>44.7%</td>
<td>46.6%</td>
<td>42.5%</td>
</tr>
<tr>
<td>Percent who say their life is extremely or quite a bit stressful</td>
<td>19.3%</td>
<td>21.4%</td>
<td>28.2%</td>
<td>24.5%</td>
<td>24.8%</td>
<td>23.4%</td>
</tr>
<tr>
<td>Percent who are heavy drinkers (&gt;=5 drinks on one occasion, at least once /month)</td>
<td>17.0%</td>
<td>18.0%</td>
<td>21.8%</td>
<td>16.3%</td>
<td>23.9%</td>
<td>18.5%</td>
</tr>
<tr>
<td>HATi (Average number of risk factors per person, Minimum 0, Maximum 6)</td>
<td>2.3</td>
<td>1.9</td>
<td>2.6</td>
<td>2.3</td>
<td>2.5</td>
<td>2.2</td>
</tr>
</tbody>
</table>

*Source: Please refer to Appendix 1 – Data Sources and Definitions*
### Table 5: Cancer Incidence for Albertans

<table>
<thead>
<tr>
<th>Health Summary Indicators</th>
<th>South Zone</th>
<th>Calgary Zone</th>
<th>Central Zone</th>
<th>Edmonton Zone</th>
<th>North Zone</th>
<th>ALBERTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Cancers Incidence Rate</td>
<td>392.6</td>
<td>400.0</td>
<td>414.4</td>
<td>406.7</td>
<td>413.4</td>
<td>404.8</td>
</tr>
<tr>
<td>All Cancers Incidence Rate for Males</td>
<td>452.9</td>
<td>448.4</td>
<td>459.8</td>
<td>468.4</td>
<td>457.8</td>
<td>458.1</td>
</tr>
<tr>
<td>All Cancers Incidence Rate for Females</td>
<td>344.7</td>
<td>362.7</td>
<td>378.2</td>
<td>359.2</td>
<td>373.4</td>
<td>362.8</td>
</tr>
<tr>
<td>Lung Cancer Incidence Rate</td>
<td>47.0</td>
<td>46.3</td>
<td>52.7</td>
<td>55.3</td>
<td>58.9</td>
<td>51.4</td>
</tr>
<tr>
<td>Lung Cancer Incidence Rate for Males</td>
<td>56.3</td>
<td>50.9</td>
<td>59.1</td>
<td>64.8</td>
<td>63.1</td>
<td>58.3</td>
</tr>
<tr>
<td>Lung Cancer Incidence Rate for Females</td>
<td>39.8</td>
<td>43.3</td>
<td>48.0</td>
<td>48.5</td>
<td>56.5</td>
<td>46.6</td>
</tr>
<tr>
<td>Colorectal Cancer Incidence Rate</td>
<td>50.3</td>
<td>45.8</td>
<td>53.5</td>
<td>48.8</td>
<td>51.0</td>
<td>48.8</td>
</tr>
<tr>
<td>Colorectal Cancer Incidence Rate for Males</td>
<td>64.4</td>
<td>54.3</td>
<td>61.2</td>
<td>60.8</td>
<td>58.5</td>
<td>58.8</td>
</tr>
<tr>
<td>Colorectal Cancer Incidence Rate for Females</td>
<td>38.3</td>
<td>38.0</td>
<td>46.4</td>
<td>38.6</td>
<td>43.1</td>
<td>39.8</td>
</tr>
<tr>
<td>Prostate Cancer Incidence Rate for Males</td>
<td>125.0</td>
<td>130.5</td>
<td>123.3</td>
<td>126.9</td>
<td>132.3</td>
<td>128.3</td>
</tr>
<tr>
<td>Breast Cancer Incidence Rate for Females</td>
<td>98.4</td>
<td>104.0</td>
<td>108.3</td>
<td>100.4</td>
<td>104.6</td>
<td>103.0</td>
</tr>
</tbody>
</table>

Source: Please refer to Appendix 1 – Data Sources and Definitions

There are no significant differences when cancer rates are compared across zones and Alberta.

Cancer prevalence reported in the following table is defined as the number of people who were alive on December 31, 2008 that had been previously diagnosed with cancer. Although many cancer survivors lead healthy and productive lives, the experience can have a strong impact on the physical and emotional well-being of individuals, their families and communities.

### Table 6: Cancer Prevalence for Both Sexes, Alberta, 2008

<table>
<thead>
<tr>
<th>Cancer Site (Both Sexes)</th>
<th>Cancer Diagnosis in Previous 2 Years</th>
<th>Cancer Diagnosis in Lifetime</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Cancers (excludes non-melanoma skin cancer)</td>
<td>21,572</td>
<td>105,018</td>
</tr>
<tr>
<td>Prostate</td>
<td>3,949</td>
<td>18,923</td>
</tr>
<tr>
<td>Breast (includes male and female breast cancer)</td>
<td>3,698</td>
<td>21,882</td>
</tr>
<tr>
<td>Lung</td>
<td>1,528</td>
<td>3,319</td>
</tr>
<tr>
<td>Colorectal</td>
<td>2,681</td>
<td>11,639</td>
</tr>
<tr>
<td>Cervix</td>
<td>261</td>
<td>2,571</td>
</tr>
</tbody>
</table>

Source: Please refer to Appendix 1 – Data Sources and Definitions

### Appendix 1 – Data Sources and Definitions