

# How healthy are we? 2010

## ALBERTA

# Population, Socioeconomics and Health Summary

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# Population of Alberta



## ALBERTA AT A GLANCE

The province of Alberta has an area of 660,200 km<sup>2</sup>

On average, there are 4.5 people per km<sup>2</sup> but density ranges from less than 1 person per km<sup>2</sup> to more than 3,000 people per km<sup>2</sup> 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

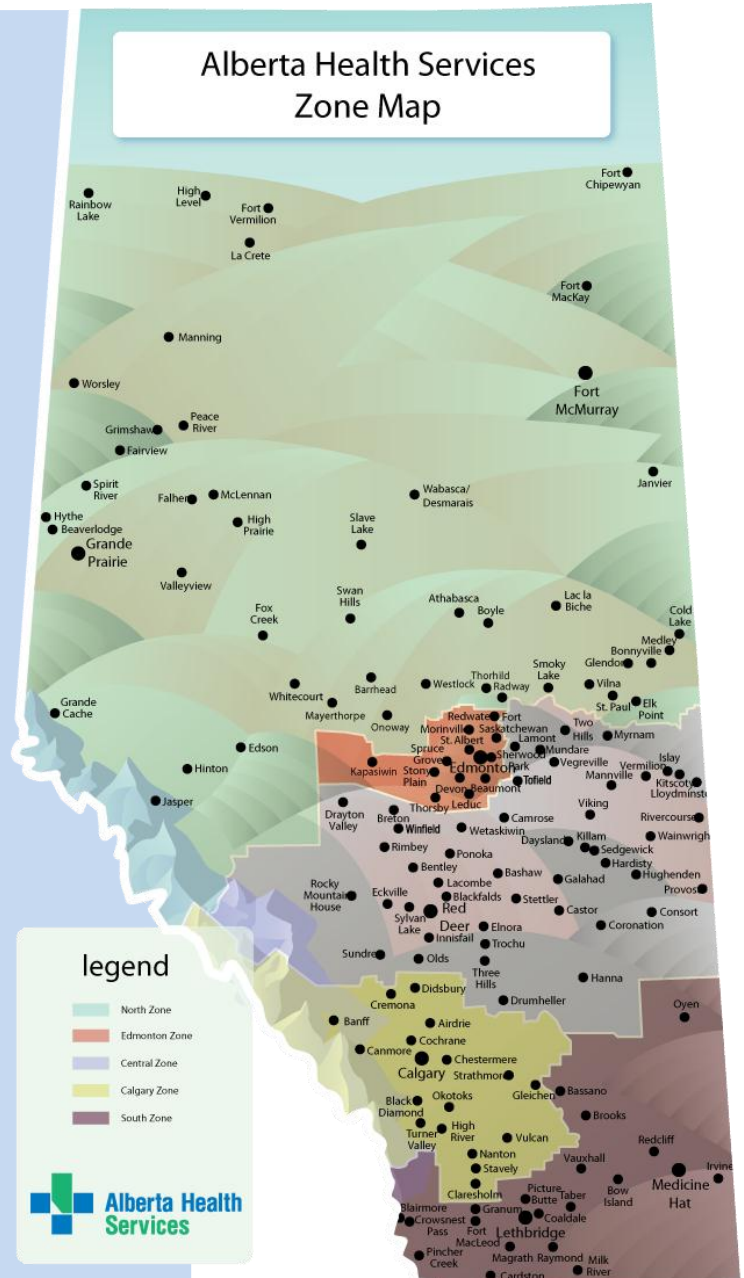
The North Zone has an area of 448,500 km<sup>2</sup> and a population of 435,255 in 2010

The Edmonton Zone has an area of 11,800 km<sup>2</sup> and a population of 1,156,928 in 2010

The Central Zone has an area of 95,000 km<sup>2</sup> and a population of 445,004 in 2010

The Calgary Zone has an area of 39,300 km<sup>2</sup> and a population of 1,371,401 in 2010

The South Zone has an area of 65,500 km<sup>2</sup> 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

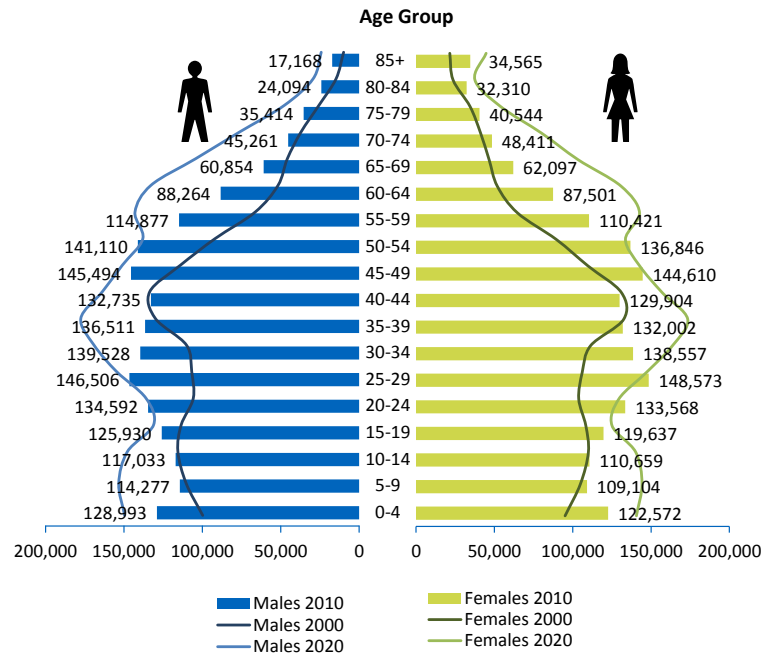
The number of times Albertans were Hospitalized in 2009 was 361,058 and the most common reason, after obstetric and birth related hospitalizations, was related to Digestive Disease

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

**Figure 1: ALBERTA'S changing population**



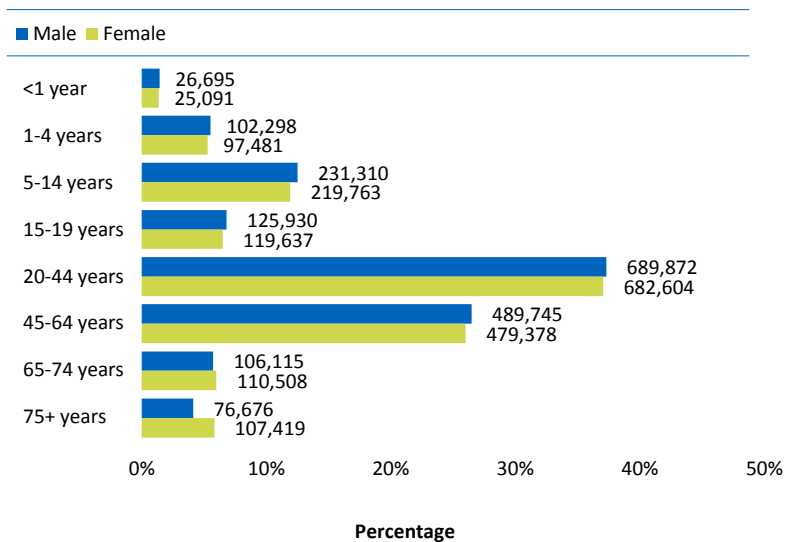
Source: Please refer to Appendix 1 – Data Sources and Definitions

**Table 1: Population Summary for Albertans**

Year	Male	Female	Total
2000	1,482,169	1,486,514	2,968,683
2010	1,848,641	1,841,881	3,690,522
2020	2,229,289	2,190,420	4,419,709

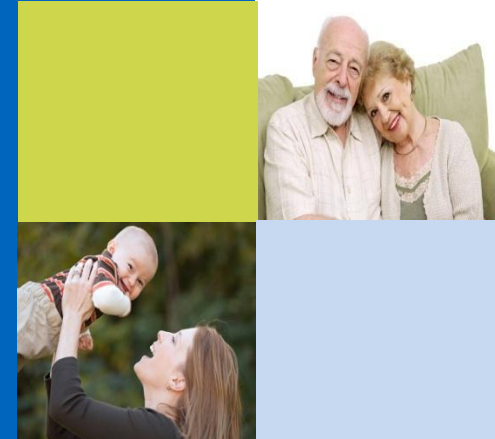
Source: Please refer to Appendix 1 – Data Sources and Definitions

**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**

Population/Geographical Indicators (2010)	South Zone	Calgary Zone	Central Zone	Edmonton Zone	North Zone	ALBERTA
Both Males and Females	281,934	1,371,401	445,004	1,156,928	435,255	3,690,522
Males	140,604	685,388	222,257	577,091	223,301	1,848,641
Females	141,330	686,013	222,747	579,837	211,954	1,841,881
Percent of population less than 1 year of age	1.5%	1.4%	1.4%	1.3%	1.7%	1.4%
Percent of population 1 to 4 years of age	5.7%	5.3%	5.5%	5.1%	6.3%	5.4%
Percent of population 5 to 14 years of age	13.1%	11.8%	12.9%	11.6%	14.0%	12.2%
Percent of population 15 to 19 years of age	7.0%	6.3%	7.1%	6.5%	7.5%	6.7%
Percent of population 20 to 44 years of age	33.7%	38.9%	33.6%	37.4%	37.1%	37.2%
Percent of population 45 to 64 years of age	25.4%	26.5%	26.5%	26.7%	24.7%	26.3%
Percent of population 65 to 74 years of age	6.9%	5.4%	6.9%	6.1%	5.1%	5.9%
Percent of population 75 years of age or older	6.6%	4.5%	6.2%	5.3%	3.7%	5.0%
Largest 5 year age group, Both males and females	25-29 yrs	25-29 yrs	45-49 yrs	25-29 yrs	25-29 yrs	25-29 yrs
Largest 5 year age group, Males	25-29 yrs	45-49 yrs	50-54 yrs	25-29 yrs	25-29 yrs	25-29 yrs
Largest 5 year age group, Females	25-29 yrs	25-29 yrs	45-49 yrs	25-29 yrs	25-29 yrs	25-29 yrs
Average age (years)	37.6 yrs	36.8 yrs	37.8 yrs	37.5 yrs	34.6 yrs	36.9 yrs
Area (km <sup>2</sup> )	65,500	39,300	95,000	11,800	448,500	660,200
Number of people per km <sup>2</sup>	4.3	34.9	4.7	98.0	1.0	4.5
Number of dwellings per km <sup>2</sup> (2006)	1.6	12.3	1.8	36.2	0.3	1.9

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

**Table 3: Socioeconomics of Albertans**

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

**Table 3: Socioeconomics of Albertans**

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

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



# Health Summary of Albertans



**Table 4: Summary of Health Indicators for Albertans**

Indicator Category	South Zone	Calgary Zone	Central Zone	Edmonton Zone	North Zone	ALBERTA
<b>Births 2009</b>						
Number of Births	4,268	18,765	5,704	15,254	7,036	51,068
Percent Low Birth Weight (of live births, <2500 gm)	5.8%	7.7%	6.2%	7.0%	5.6%	6.9%
Percent High Birth Weight (of live births, ≥ 4000 gm)	12.0%	8.2%	11.7%	10.9%	13.2%	10.4%
Percent Small-for-Gestational-Age (of singleton live births)	7.5%	9.2%	6.7%	8.2%	6.5%	8.1%
Percent Preterm Births (of live births, <37 wks gestation)	6.6%	9.2%	8.6%	9.4%	7.9%	8.8%
Crude Birth Rate (per 1,000)	15.3	14.0	13.0	13.5	16.5	14.1
General Fertility Rate (per 1,000 women 15-49 yr)	64.3	52.2	53.2	51.6	63.6	54.4
Teen Birth Rate (per 1,000 women 15-19 yr)	25.9	12.2	22.8	16.0	39.0	19.4
Percent Maternal Prenatal Smoking (of deliveries) (2006-2008)	21.9%	12.0%	26.2%	17.0%	27.6%	18.1%
Life Expectancy (yrs) at Birth (based on 2009 death data)	80.1	82.4	80.1	81.0	79.3	81.0
Life Expectancy at Birth for Males (yrs)	77.9	80.2	78.0	78.6	77.0	78.8
Life Expectancy at Birth for Females (yrs)	82.3	84.4	82.2	83.3	81.8	83.2
<b>Deaths 2007 - 2009</b>						
Infant Mortality Rate (per 1,000 live births) (2005-2009)	5.4	5.1	7.1	6.5	6.6	6.0
Number of Deaths (2009)	2,130	6,358	3,206	6,787	2,265	20,765
Number of Deaths (2007-2009)	6,323	18,872	9,781	19,728	6,813	61,566
Top 7 Causes of Death (2007-2009)	Circulatory (35.5%)	Circulatory (32.2%)	Circulatory (32.9%)	Circulatory (29.6%)	Circulatory (29.0%)	Circulatory (31.5%)
	Cancer (24.2%)	Cancer (28.0%)	Cancer (26.2%)	Cancer (28.2%)	Cancer (27.2%)	Cancer (27.3%)
	Respiratory (8.5%)	Respiratory (8.4%)	Respiratory (9.0%)	Respiratory (9.9%)	Respiratory (9.0%)	Respiratory (9.1%)
	Mental & Behavioral (4.6%)	Mental & Behavioral (5.9%)	Unintentional Injury (4.7%)	Mental & Behavioral (4.5%)	Unintentional Injury (7.8%)	Mental & Behavioral (4.7%)



**Table 4: Summary of Health Indicators for Albertans**

Indicator Category	South Zone	Calgary Zone	Central Zone	Edmonton Zone	North Zone	ALBERTA
Top 7 Causes of Death (2007-2009) (continued)	Digestive (4.4%)	Digestive (4.1%)	Nervous System (4.3%)	Digestive (4.5%)	Endocrine & Metabolic (4.2%)	Unintentional Injury (4.4%)
	Unintentional Injury (4.3%)	Unintentional Injury (3.7%)	Mental & Behavioral (4.2%)	Nervous System (4.5%)	Intentional Injury (3.8%)	Digestive (4.2%)
	Nervous System (4.3%)	Nervous System (3.7%)	Digestive (3.9%)	Unintentional Injury (3.8%)	Digestive (3.6%)	Nervous System (4.0%)
<b>Deaths 2007 – 2009 Crude Rates (per 100,000)</b>						
All Cause Death Rate	772.5	487.2	754.5	599.5	546.5	584.9
All Cause Death Rate for Males	799.3	494.9	790.3	626.8	607.6	610.2
All Cause Death Rate for Females	746.1	479.4	718.9	572.6	482.3	559.6
Ischaemic Heart Disease (IHD) Death Rate	153.1	92.5	138.3	102.0	89.5	105.5
IHD Death Rate for Males	167.4	101.2	153.3	117.8	108.7	118.8
IHD Death Rate for Females	138.9	83.9	123.4	86.4	69.4	92.2
All Heart Disease Death Rate	202.8	114.3	180.4	132.7	119.8	135.8
All Heart Disease Death Rate for Males	212.3	117.6	191.2	143.6	135.6	144.3
All Heart Disease Death Rate for Females	193.5	110.9	169.8	121.8	103.3	127.2
Cancer Death Rate	186.3	136.2	197.2	169.0	148.6	159.3
Cancer Death Rate for Males	197.8	139.7	212.3	182.9	161.4	169.2
Cancer Death Rate for Females	175.0	132.8	182.1	155.2	135.1	149.5
Respiratory Death Rate	65.9	40.8	67.9	59.2	49.2	52.9
Respiratory Death Rate for Males	68.5	43.9	69.4	60.4	51.8	55.1
Respiratory Death Rate for Females	63.3	37.8	66.3	57.9	46.4	50.6
Suicide Rate	11.2	10.8	15.6	14.1	17.6	13.3
Suicide Rate for Males	17.2	16.4	24.0	20.8	26.5	20.0
Suicide Rate for Females	5.4	5.3	7.2	7.4	8.2	6.6
Unintentional Injury Death Rate	33.4	18.0	35.2	22.5	42.8	25.7
Unintentional Injury Death Rate for Males	47.1	22.3	49.0	30.1	59.5	34.5
Unintentional Injury Death Rate for Females	19.7	13.7	21.4	15.0	25.2	16.9
Lung Cancer Death Rate	42.5	31.7	48.4	44.3	38.0	39.3
Lung Cancer Death Rate for Males	47.1	31.9	54.7	48.8	41.8	42.3
Lung Cancer Death Rate for Females	38.0	31.6	42.2	39.9	34.1	36.3

**Table 4: Summary of Health Indicators for Albertans**

Indicator Category	South Zone	Calgary Zone	Central Zone	Edmonton Zone	North Zone	ALBERTA
<b>Deaths 2007 – 2009 Crude Rates (per 100,000) (continued)</b>						
Colorectal Cancer Death Rate	21.1	15.7	24.6	18.4	17.2	21.1
Colorectal Cancer Death Rate for Males	22.8	17.6	26.4	20.0	21.1	20.2
Colorectal Cancer Death Rate for Females	19.5	13.8	22.8	16.7	13.0	16.2
Breast Cancer Death Rate for Females	30.4	19.2	31.1	23.3	19.9	22.9
Prostate Cancer Death Rate for Males	28.0	14.6	30.5	21.2	19.3	20.2
Stroke Death Rate	46.3	25.6	48.8	31.7	30.0	32.5
Stroke Death Rate for Males	41.7	20.4	43.8	26.6	26.9	27.6
Stroke Death Rate for Females	50.9	30.8	53.9	36.8	33.2	37.4
COPD Death Rate	34.3	21.3	36.1	27.5	26.3	26.7
COPD Death Rate for Males	37.3	22.6	39.0	28.6	28.8	28.4
COPD Death Rate for Females	31.4	20.0	33.2	26.5	23.7	25.0
<b>Deaths 2007 – 2009 Age Standardized Rates (per 100,000) to 1991 Canadian Population</b>						
All Cause Death Rate	571.8	485.2	584.2	528.1	627.0	534.8
All Cause Death Rate for Males	706.0	582.0	709.8	654.9	765.7	654.1
All Cause Death Rate for Females	462.6	408.7	476.2	426.4	501.8	437.3
Ischaemic Heart Disease (IHD) Death Rate	105.6	91.6	102.5	88.3	104.1	94.5
IHD Death Rate for Males	143.9	122.4	134.7	123.9	139.5	128.4
IHD Death Rate for Females	76.0	67.6	73.3	59.4	70.6	66.7
All Heart Disease Death Rate	138.0	113.0	131.4	113.7	140.0	120.8
All Heart Disease Death Rate for Males	182.6	143.0	167.6	152.0	177.8	156.9
All Heart Disease Death Rate for Females	103.2	89.6	99.0	82.4	103.4	91.1
Cancer Death Rate	148.8	139.5	161.7	154.7	175.1	151.8
Cancer Death Rate for Males	174.9	161.9	190.0	188.8	204.9	180.2
Cancer Death Rate for Females	129.7	123.6	139.9	129.8	151.8	130.9
Respiratory Death Rate	46.8	41.4	50.2	51.2	59.0	48.0
Respiratory Death Rate for Males	59.3	56.4	61.6	65.6	74.0	62.1
Respiratory Death Rate for Females	39.1	31.7	42.8	42.0	49.2	38.9

**Table 4: Summary of Health Indicators for Albertans**

Indicator Category	South Zone	Calgary Zone	Central Zone	Edmonton Zone	North Zone	ALBERTA
<b>Deaths 2007 – 2009 Age Standardized Rates (per 100,000) to 1991 Canadian Population (continued)</b>						
Suicide Rate	11.4	10.1	15.6	13.0	17.1	12.6
Suicide Rate for Males	17.7	15.6	24.0	19.7	25.6	19.2
Suicide Rate for Females	5.2*	4.9	7.2	6.7	8.0	6.2
Unintentional Injury Death Rate	30.0	17.9	32.3	20.6	44.6	24.5
Unintentional Injury Death Rate for Males	45.9	24.0	47.9	30.9	62.3	35.5
Unintentional Injury Death Rate for Females	14.7	12.4	17.4	11.9	25.6	14.4
Lung Cancer Death Rate	35.4	33.5	40.9	41.5	45.9	38.5
Lung Cancer Death Rate for Males	42.6	37.3	49.4	50.4	53.3	45.4
Lung Cancer Death Rate for Females	29.6	30.8	33.9	34.7	39.8	33.3
Colorectal Cancer Death Rate	15.9	16.0	19.7	16.6	20.7	17.2
Colorectal Cancer Death Rate for Males	19.6	20.1	23.7	20.7	27.1	21.6
Colorectal Cancer Death Rate for Females	13.2	12.5	16.0	13.2	14.9	13.5
Breast Cancer Death Rate for Females	22.2	17.1	23.2	19.6	21.4	19.6
Prostate Cancer Death Rate for Males	24.1	18.6	26.8	23.5	27.0	22.8
Stroke Death Rate	31.1	25.1	33.9	26.6	35.5	28.5
Stroke Death Rate for Males	36.2	25.7	38.6	28.7	37.9	31.0
Stroke Death Rate for Females	26.4	24.2	30.2	24.6	33.5	26.3
COPD Death Rate	25.4	22.2	27.9	24.3	32.4	24.9
COPD Death Rate for Males	32.7	29.1	34.6	31.4	41.6	32.2
COPD Death Rate for Females	21.1	17.7	23.6	20.1	26.3	20.4
<b>Hospitalizations 2009</b>						
Number of Hospitalizations (including birth/pregnancy)	35,011	112,664	55,540	103,574	54,264	361,058
Percent of Hospitalizations that are birth or pregnancy related	23.3%	29.9%	19.3%	28.3%	26.0%	26.6%
Top 7 overall reasons for Hospitalizations	Obstetric Related (13.2%)	Obstetric Related (17.7%)	Obstetric Related (11.5%)	Obstetric Related (16.1%)	Obstetric Related (14.8%)	Obstetric Related (15.4%)
	Birth Event (10.1%)	Birth Event (12.2%)	Circulatory (9.4%)	Birth Event (12.2%)	Birth Event (11.2%)	Birth Event (11.2%)
	Circulatory (9.1%)	Digestive (7.9%)	Digestive (9.1%)	Health Status (7.8%)	Digestive (8.7%)	Digestive (8.2%)
	Digestive (8.6%)	Circulatory (7.5%)	Birth Event (7.8%)	Digestive (7.7%)	Respiratory (8.5%)	Circulatory (7.8%)
	Respiratory (8.0%)	Genitourinary (5.5%)	Respiratory (7.1%)	Circulatory (7.3%)	Circulatory (7.2%)	Respiratory (6.5%)

**Table 4: Summary of Health Indicators for Albertans**

Indicator Category	South Zone	Calgary Zone	Central Zone	Edmonton Zone	North Zone	ALBERTA
Top 7 overall reasons for Hospitalizations (continued)	Mental & Behavioral (6.3%)	Mental & Behavioral (5.5%)	Health Status (6.7%)	Unintentional Injury (6.0%)	Health Status (7.0%)	Health Status (6.4%)
	Musculoskeletal (5.3%) & Unintentional Injury (5.3%)	Respiratory (5.3%) & Unintentional Injury (5.3%)	Unintentional Injury (5.9%)	Respiratory (6.0%)	Unintentional Injury (5.9%)	Unintentional Injury (5.7%)
<b>Hospitalization 2007 – 2009 Crude Rates (per 1,000)</b>						
Hospitalization Rate (including birth/pregnancy)	128.5	86.5	129.2	91.5	128.1	101.5
Hospitalization Rate for Males (including births)	110.4	71.0	113.6	76.5	107.5	85.4
Hospitalization Rate for Females (including birth/pregnancy)	146.5	101.9	144.7	106.4	149.8	117.6
Hospitalization Rate (excluding birth/pregnancy)	99.7	60.7	104.0	65.3	95.0	74.6
Hospitalization Rate for Males (excluding births)	98.3	60.9	104.4	65.6	94.4	74.7
Hospitalization Rate for Females (excluding birth/pregnancy)	101.0	60.5	103.6	65.1	95.7	74.5
<b>Hospitalization 2007 – 2009 Age Standardized Rates (per 1,000) to 1991 Canadian Population</b>						
Hospitalization Rate (including birth/pregnancy)	122.5	88.6	123.8	91.3	134.3	101.8
Hospitalization Rate for Males (including births)	104.0	74.3	107.7	77.4	114.4	86.6
Hospitalization Rate for Females (including birth/pregnancy)	142.6	103.2	140.7	105.8	155.4	117.6
Hospitalization Rate (excluding birth/pregnancy)	90.3	60.8	94.4	62.0	100.8	72.2
Hospitalization Rate for Males (excluding births)	92.6	64.1	98.4	65.8	102.8	75.8
Hospitalization Rate for Females (excluding birth/pregnancy)	88.8	58.0	90.9	58.7	99.3	69.2
<b>Emergency Department (ED) Visits 2009</b>						
Number of Emergency Department (ED) Visits	183,668	537,166	372,116	451,703	537,767	2,084,333
Top 7 overall reasons for ED visits	Unintentional Injury (20.5%)	Unintentional Injury (22.1%)	Health Status (18.1%)	Unintentional Injury (21.5%)	Health Status (22.1%)	Unintentional Injury (18.9%)
	Signs & Symptoms (14.6%)	Signs & Symptoms (15.9%)	Unintentional Injury (18.0%)	Signs & Symptoms (18.1%)	Respiratory (16.5%)	Signs & Symptoms (14.0%)
	Respiratory (13.5%)	Respiratory (13.2%)	Respiratory (13.7%)	Respiratory (11.5%)	Unintentional Injury (13.6%)	Health Status (13.9%)
	Health Status (10.7%)	Health Status (9.0%)	Signs & Symptoms (12.2%)	Health Status (7.7%)	Signs & Symptoms (9.8%)	Respiratory (13.8%)
	Digestive (5.8%)	Digestive (5.6%)	Digestive (5.1%)	Digestive (5.9%)	Musculoskeletal (5.5%)	Digestive (5.5%)
	Musculoskeletal (5.2%)	Musculoskeletal (4.8%)	Musculoskeletal (5.0%)	Genitourinary (4.7%)	Digestive (5.2%)	Musculoskeletal (5.0%)
	Genitourinary (4.7%)	Genitourinary (4.6%)	Genitourinary (4.1%)	Musculoskeletal (4.6%)	Genitourinary (4.3%)	Genitourinary (4.5%)

**Table 4: Summary of Health Indicators for Albertans**

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

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

**Table 5: Cancer Incidence for Albertans**

Health Summary Indicators	South Zone	Calgary Zone	Central Zone	Edmonton Zone	North Zone	ALBERTA
<b>Cancer Incidence 2006 – 2008 Age Standardized Rates (per 100,000) to 1991 Canadian Population</b>						
All Cancers Incidence Rate	392.6	400.0	414.4	406.7	413.4	404.8
All Cancers Incidence Rate for Males	452.9	448.4	459.8	468.4	457.8	458.1
All Cancers Incidence Rate for Females	344.7	362.7	378.2	359.2	373.4	362.8
Lung Cancer Incidence Rate	47.0	46.3	52.7	55.3	58.9	51.4
Lung Cancer Incidence Rate for Males	56.3	50.9	59.1	64.8	63.1	58.3
Lung Cancer Incidence Rate for Females	39.8	43.3	48.0	48.5	56.5	46.6
Colorectal Cancer Incidence Rate	50.3	45.8	53.5	48.8	51.0	48.8
Colorectal Cancer Incidence Rate for Males	64.4	54.3	61.2	60.8	58.5	58.8
Colorectal Cancer Incidence Rate for Females	38.3	38.0	46.4	38.6	43.1	39.8
Prostate Cancer Incidence Rate for Males	125.0	130.5	123.3	126.9	132.3	128.3
Breast Cancer Incidence Rate for Females	98.4	104.0	108.3	100.4	104.6	103.0

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**

Cancer Site (Both Sexes)	Prevalence (Number of People with a Diagnosis of Cancer who were Alive on Dec 31, 2008)	
	Cancer Diagnosis in Previous 2 Years	Cancer Diagnosis in Lifetime
	All Cancers (excludes non-melanoma skin cancer)	21,572
Prostate	3,949	18,923
Breast (includes male and female breast cancer)	3,698	21,882
Lung	1,528	3,319
Colorectal	2,681	11,639
Cervix	261	2,571

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

## [Appendix 1 – Data Sources and Definitions](#)