

Regional Health Authority  
Central Manitoba Inc.Office régional de la santé  
du Centre du Manitoba inc.

## REGIONAL PROFILE

INDICATOR	ALTONA	CARMAN	CARTIER /SFX	LOUISE /PEMBINA	MORDEN /WINKLER	PORTAGE	RED RIVER	SEVEN REGIONS	SWAN LAKE
1.3.3.1 Population Density	9.1	3.5	7.4	2.1	27.7	7.8	4.8	2.5	3.6
1.3.3.2.1 Dependency Ratio	64.6	62.1	43.8	64.9	63.9	58.2	53.1	69.6	64.4
1.3.3.3 Changes in Population Over Time	5.1%	-1.1%	4.1%	-10.3%	29.0%	-0.8%	6.1%	-11.1%	-4.9%

## DETERMINANTS OF HEALTH AND WELL-BEING

INDICATOR	ALTONA	CARMAN	CARTIER /SFX	LOUISE /PEMBINA	MORDEN /WINKLER	PORTAGE	RED RIVER	SEVEN REGIONS	SWAN LAKE
3.1.1 Private Households with Low Income	9%	9%	4%	11%	15%	15%	9%	21%	10%
3.1.1 Economic Families with Low Income	6%	7%	4%	11%	12%	11%	7%	15%	9%
3.1.1 Unattached Individuals with Low Income	34%	27%	18%	12%	33%	32%	23%	31%	15%
3.1.2 Families Receiving Income Assistance	8.1%	5.5%	1.9%	3.8%	6.3%	16.2%	4.1%	3.8%	1.7%
3.1.3 Median Household Income	\$45,358	\$43,583	\$73,955	\$35,381	\$44,051	\$45,844	\$56,610	\$28,943	\$38,111
3.1.4 Unemployment Rate (male)	1.7%	2.3%	3.2%	2.9%	2.5%	4.6%	3.5%	9.6%	7.8%
3.1.4 Unemployment Rate (female)	3.0%	3.6%	1.4%	3.0%	3.9%	4.5%	4.0%	5.1%	3.2%
3.1.4 Unemployment Rate (male youth)	5.0%	2.0%	6.5%	0.0%	3.0%	11.6%	9.4%	15.6%	11.1%
3.1.4 Unemployment Rate (female youth)	5.1%	8.3%	3.1%	19.0%	6.4%	7.4%	7.0%	5.4%	0.0%
3.1.9 Population Scoring High on Work Stress scale	suppressed	27.9%	45.6%	suppressed	36.8%	26.3%	31.9%	51.5%	suppressed

INDICATOR	ALTONA	CARMA N	CARTIER /SFX	LOUISE /PEMBINA	MORDEN /WINKLER	PORTAGE	RED RIVER	SEVEN REGIONS	SWAN LAKE
3.1.10 Tenant Spending per Dwelling	39.4%	26.1%	20.8%	33.3%	42.5%	33.4%	20.2%	25.5%	16.1%
3.1.10 Owner Spending per Dwelling	13.7%	11.0%	11.3%	8.6%	15.4%	10.5%	12.9%	15.9%	6.7%
3.1.11 Population Aged 15-24 with Less than High School Certificate	59.3%	49.6%	54.3%	57.8%	53.6%	57.7%	51.9%	82.1%	50.5%
3.1.11 Population Aged 25-64 with Less than High School Certificate	41.6%	28.6%	25.6%	22.0%	37.0%	28.8%	22.4%	46.7%	34.4%
3.1.11 Population Aged 65+ with Less than High School Certificate	74.5%	56.4%	50.0%	52.6%	74.1%	51.0%	57.7%	66.2%	65.8%
3.3.3.1 Marital Status (legally married)	67%	61%	63%	63%	65%	53%	62%	47%	55%
3.3.4 Licensed Child Care Spaces	43.8	139.7	164.6	151.2	45.9	107.6	97.0	33.2	232.8
3.3.5.1 Readiness to Learn at School Entry - Mean of Physical Health and Well-being	8.9	8.9	9.6	8.7	8.6	8.5	9.0	9.0	9.5
3.3.5.1 Readiness to Learn at School Entry - Mean of Social Competence	8.9	8.0	9.1	8.3	8.5	8.1	8.6	8.8	8.8
3.3.5.1 Readiness to learn at school entry - Mean of Emotional Maturity	8.2	7.6	8.5	8.0	8.0	7.6	8.1	8.5	8.4
3.3.5.1 Readiness to Learn at School Entry - Mean of Language and Cognitive Development	8.5	8.4	9.2	8.3	8.1	8.0	8.8	8.5	8.5
3.3.5.1 Readiness to Learn at School Entry - Mean of Communication Skills and General Knowledge	7.7	7.6	9.0	7.0	6.9	6.8	7.8	8.4	7.9
3.3.5.1.1 Percentage of EDI participating children with ESL/FSL	20.5%	4.0%	0.9%	13.8%	26.5%	8.0%	21.0%	11.3%	43.6%
3.3.5.1.2 Children with Special Needs	1.8%	2.0%	1.8%	4.6%	2.0%	2.5%	2.1%	1.9%	3.6%

INDICATOR	ALTONA	CARMA N	CARTIER /SFX	LOUISE /PEMBINA	MORDEN /WINKLER	PORTAGE	RED RIVER	SEVEN REGIONS	SWAN LAKE
3.3.5.1.3 Children who Require Further Assessment for Future Needs	5.8%	10.7%	7.0%	5.7%	8.9%	10.1%	10.1%	3.8%	3.6%
3.3.5.2 Retention Rates	3.8%	4.1%	1.9%	3.5%	1.9%	4.1%	1.5%	6.6%	2.1%
3.3.5.3 School Changes	81.1%	90.3%	89.6%	92.3%	88.7%	79.5%	89.0%	79.2%	87.5%
3.3.5.4 Grade 12 Math Performance (all residents)	58.9%	61.5%	58.9%	67.0%	58.3%	49.4%	59.2%	20.5%	65.8%
3.4.1 Active Living (physically active)	18.1%	22.5%	17.3%	suppressed	17.8%	20.9%	55.2%	suppressed	suppressed
3.4.1 Active Living (moderately active)	20.8%	24.7%	30.75	suppressed	22.2%	22.0%	22.6%	suppressed	suppressed
3.4.1 Active Living (physically inactive)	61.1%	52.9%	52.0%	69.2%	60.0%	57.1%	55.1%	70.0%	58.1%
3.4.6 Complete Physical Exam	25.4%	29.1%	38.2%	27.5%	27.1%	26.7%	36.5%	26.7%	30.6%
3.4.7.1 Pharmaceutical Use (with at least on prescription)	61.8%	63.0%	67.7%	64.7%	58.1%	65.3%	65.6%	65.5%	72.5%
3.4.7.2 Pharmaceutical Use (average number of prescriptions used per user)	3.6	3.8	3.6	3.7	3.6	3.8	3.6	4.9	4.3
3.4.7.3 Pharmaceutical Use (female had at least one antibiotic prescription)	31.7%	33.3%	36.0%	38.4%	30.3%	36.7%	33.3%	40.0%	46.6%
3.4.7.3 Pharmaceutical Use (male had at least one antibiotic prescription)	26.9%	26.4%	28.3%	30.3%	25.0%	30.7%	27.1%	32.7%	39.5%
3.4.7.4 Pharmaceutical Use (female aged 20+ had at least one prescription for statins)	4.6%	7.4%	8.1%	5.8%	5.3%	5.7%	5.7%	9.1%	6.6%
3.4.7.4 Pharmaceutical Use (male aged 20+ had at least one prescription for statins)	6.2%	9.6%	8.9%	8.6%	7.3%	7.3%	9.2%	10.6%	8.1%
3.4.7.5 Pharmaceutical Use (female aged 20+ had at least one ACE inhibitor)	8.1%	8.2%	7.9%	10.1%	8.5%	8.3%	7.4%	11.9%	7.0%
3.4.7.5 Pharmaceutical Use (male aged 20+ had at least one ACE inhibitor)	9.5%	10.1%	9.2%	10.7%	9.9%	9.6%	9.6%	13.7%	8.5%

INDICATOR	ALTONA	CARMAN	CARTIER /SFX	LOUISE /PEMBINA	MORDEN /WINKLER	PORTAGE	RED RIVER	SEVEN REGIONS	SWAN LAKE
3.4.7.6 Pharmaceutical Use (residents with two or more prescriptions for antidepressants)	7.9%	7.4%	5.9%	6.9%	8.1%	6.1%	6.4%	5.8%	8.9%
3.4.8.1.1 Complete Immunization Rates for Age 1	75.3	67.4	89.5	60	62.4	66.2	81.6	58.9	72.5
3.4.8.1.2 Complete Immunization Rates for Age 2	50.3	44.4	75	47.7	46.2	48.4	60.2	37.2	48.6
3.4.8.1.3 Complete Immunization Rates for Age 7	70.7	83.2	86.4	87.5	69.8	71.7	82	62	75.6
3.4.8.1.4 Complete Immunization Rates for Age 11	60.6	66.4	58.2	75	54	62.8	64.4	30.6	70.4
3.4.8.1.5 Complete Immunization Rates for Age 17	51.4	66.4	60	59.6	48.6	54.9	57.9	28.3	60
3.4.8.2 Adult Immunization	7.9	11.7	13	13	7.7	12.9	13.1	6.6	14.7
3.4.8.3.1 Influenza Immunization among Seniors	46.9	58.3	54.6	63	51.3	54.3	59.4	47.9	61
3.4.8.3.2 Pneumococcal Immunization among Seniors	51.8	53.7	59.6	63.2	56.4	59.5	57.6	50.4	63.1
3.4.9.1 Cervical Cancer Screening	511.6	539.8	623.7	458.1	495.0	472.0	592.0	440.0	496.3
3.4.9.2 Breast Cancer Screening	147.6	193.4	176.4	207.8	119.4	177.4	166.4	147.9	209.5
3.5.1 Breastfeeding Initiation	93.4%	89.6%	89.4%	90.4%	91.5%	78.6%	89.0%	67.5%	84.8%
3.5.3 Teen Pregnancy Rate	29.5	14.6	14.5	22.6	24.6	54.9	17.6	110.0	17.4
3.5.4 Teen Birth Rate	25.0	10.5	4.9	15.6	19.3	38.2	8.8	93.1	13.3
3.5.10.1 Children and Youth with at Least One Prescription	473.2	487.2	530.6	482.3	424.6	562.7	518.4	455.2	621.5
3.5.10.2 Antibiotic Prescriptions Use	340.5	319.4	380.7	363.3	289.2	396.0	356.3	317.1	468.8
3.5.10.2.1 Number of Antibiotic Prescriptions per User	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.8	2.1
3.5.10.3 Antidepressant Prescriptions for Children	17.0	17.3	8.0	10.5	13.3	10.0	8.5	7.6	22.3
3.5.10.4 Psycho-stimulant Prescription	11.0	14.4	13.9	10.1	10.4	20.5	16.0	6.8	23.6

HEALTH STATUS										
INDICATOR	ALTONA	CARMAN	CARTIER /SFX	LOUISE /PEMBINA	MORDEN /WINKLER	PORTAGE	RED RIVER	SEVEN REGIONS	SWAN LAKE	
4.1.3	Functional Health Status – Physical Health	65.7%	61.7%	44.3%	56.0%	51.4%	57.8%	62.0%	50.1%	67.5%
4.1.4	Functional Health Status – Mental Health	82.6	83.1	84.5	85.8	86.5	84.8	85.4	90.8	88.6
4.2.2	Pre-term Birth Rate	4.8%	4.2%	7.6%	2.7%	4.3%	7.7%	5.6%	10.0%	5.2%
4.2.3	Low Birth Weight Rate	3.9%	2.4%	5.8%	2.3%	3.2%	4.6%	4.0%	6.4%	2.4%
4.2.4	High Birth Weight Rate	18.9%	19.6%	13.7%	17.4%	19.3%	17.9%	18.9%	14.3%	16.2%
4.2.5	Diabetes in Children	0.3%	0.3%	0.4%	suppressed	0.4%	0.3%	0.3%	0.4%	0.8%
4.2.6	Asthma	8.0%	12.3%	12.1%	9.1%	8.1%	12.6%	13.4%	9.7%	13.6%
4.2.7	Attention Deficit - Hyperactivity Disorder	1.5%	1.6%	1.7%	1.3%	1.3%	2.6%	2.3%	1.0%	1.8%
4.2.10	Injury	43.8	49.5	40.3	66.6	43.6	71.3	48.9	73.5	105.1
4.2.11	Dental Extractions in Toddlers/Children	5.1	13.9	6.1	8.0	8.2	17.2	8.2	43.2	6.5
4.3.2	Injury Hospitalization or Death (female)	6.5	9.3	4.5	10.9	7.9	10.6	8.6	13.6	13.6
4.3.2	Injury Hospitalization or Death (male)	8.6	11.1	7.5	14.3	7.9	11.7	9.9	19.6	16.5
4.4.1	Diabetes	5.4%	6.4%	6.8%	7.1%	6.5%	7.8%	7.1%	14.9%	7.7%
4.4.1.1	Lower Limb Amputation Due to Diabetes	suppressed	12.5	suppressed	suppressed	8.9	16.2	11.5	61.9	29.3
4.4.2	Hypertension Treatment	22.6%	22.6%	21.8%	21.3%	22.1%	21.1%	23.3%	27.0%	21.0%
4.4.3	Osteoporosis	9.2%	11.2%	12.3%	10.1%	11.2%	9.0%	10.8%	12.5%	11.2%
4.4.4	Arthritis	19.9%	19.2%	19.1%	19.3%	19.2%	18.3%	18.5%	19.2%	22.9%
4.4.5	IHD Treatment Prevalence	5.6%	7.7%	9.2%	6.2%	7.2%	8.4%	8.1%	10.5%	8.3%
4.4.6	Respiratory Morbidity Treatment Prevalence	6.1%	9.0%	11.1%	8.3%	6.7%	11.1%	9.7%	10.4%	13.9%
4.4.8	Treatment Prevalence for Renal Failure (female)	1.1%	1.3%	1.2%	1.2%	1.2%	1.5%	1.3%	3.2%	1.3%

INDICATOR	ALTONA	CARMAN	CARTIER /SFX	LOUISE /PEMBINA	MORDEN /WINKLER	PORTAGE	RED RIVER	SEVEN REGIONS	SWAN LAKE
4.4.8 Treatment Prevalence for Renal Failure (male)	1.3%	2.6%	1.8%	2.1%	1.8%	2.2%	2.1%	4.0%	1.6%
4.4.9 Hospitalizations or Deaths Due to Stroke	2.4	2.8	1.7	4.1	2.8	3.3	3.1	4.1	3.7
4.4.10 Hospitalizations or Deaths Due to AMI	3.8	4.0	3.8	4.7	4.6	4.4	4.0	7.7	6.1
4.5.1 Treatment Prevalence of Cumulative Mental Health Disorder	17.3%	21.3%	20.5%	17.2%	21.1%	20.9%	19.2%	19.3%	27.2%
4.5.2 Treatment Prevalence of Anxiety Disorders	4.2%	5.8%	6.7%	3.9%	4.9%	5.7%	6.5%	4.3%	10.6%
4.5.3 Treatment Prevalence of Depression	15.0%	17.5%	15.8%	14.2%	18.5%	16.6%	15.7%	14.4%	22.0%
4.5.4 Treatment Prevalence of Schizophrenia	0.4%	0.5%	0.6%	0.4%	0.8%	0.7%	0.4%	0.7%	0.7%
4.5.5 Treatment Prevalence of Dementia	10.2%	9.1%	7.7%	7.6%	10.7%	10.8%	9.0%	8.8%	9.9%
4.5.6 Treatment Prevalence of Personality Disorder	0.3%	0.5%	0.6%	0.7%	0.5%	0.6%	0.3%	0.4%	0.8%
4.5.7 Treatment Prevalence for Substance Abuse	2.2%	3.7%	3.4%	2.7%	2.2%	4.7%	2.3%	4.7%	5.3%
4.5.8 Proportion of Adolescents/Teenagers Prescribed SSRI's	13.4	18.6	11.5	16.3	12.8	8.4	9.2	11.0	26.3
4.5.9 Proportion of Adolescents/Teenagers Prescribed Antidepressants	17.0	17.3	8.0	10.5	13.3	10.0	8.5	7.6	22.3
4.5.10 Attempted Suicide	0.0%	0.1%	0.0%	0.1%	0.1%	0.2%	0.1%	0.3%	0.1%
4.8.1 Life Expectancy (female)	85.6	83.5	89.5	79.0	84.7	80.6	84.9	78.1	84.1
4.8.1 Life Expectancy (male)	81.3	78.1	84.8	76.3	78.9	75.8	77.2	74.1	76.4
4.8.2 Premature Mortality Rate	1.6	2.5	2.0	2.8	2.4	3.6	2.8	4.4	3.0
4.8.3 Potential Years of Life Lost	29.0	N/A	N/A	72.6	35.9	63.9	43.0	59.3	39.4
4.8.4 Mortality Rate	6.6	7.6	5.0	8.6	6.8	9.1	7.4	10.4	7.9

INDICATOR	ALTONA	CARMAN	CARTIER /SFX	LOUISE /PEMBINA	MORDEN /WINKLER	PORTAGE	RED RIVER	SEVEN REGIONS	SWAN LAKE
4.8.4.2.1 Mortality among Residents With and Without Certain Diseases (TRM)	6.9%	7.0%	5.9%	6.9%	6.4%	8.0%	6.9%	10.1%	7.3%
4.8.4.2.2 Mortality among Residents With and Without Certain Diseases (Arthritis)	4.6%	5.3%	3.5%	5.7%	4.7%	6.4%	5.3%	8.5%	6.2%
4.8.4.2.3 Mortality among Residents With and Without Certain Diseases (Diabetes)	8.9%	8.4%	11.0%	7.8%	8.6%	10.7%	10.0%	15.1%	9.5%
4.8.4.2.4 Mortality among Residents With and Without Certain Diseases Hypertension)	3.5%	3.8%	3.9%	4.5%	3.9%	5.1%	4.1%	5.9%	4.1%
4.8.4.2.5 Mortality among Residents With and Without Certain Diseases (IHD)	6.1%	6.6%	5.7%	6.0%	6.0%	7.9%	6.4%	10.0%	5.6%
4.8.4.2.6 Mortality Residents With and Without Certain Diseases Osteoporosis)	14.5%	14.7%	16.9%	15.8%	12.7%	19.7%	14.1%	21.7%	11.3%

## HEALTH SYSTEM CHARACTERISTICS

INDICATOR	ALTONA	CARMAN	CARTIER /SFX	LOUISE /PEMBINA	MORDEN /WINKLER	PORTAGE	RED RIVER	SEVEN REGIONS	SWAN LAKE
5.1.2 Hospital Separation Rates	153.1	167.8	112.3	177.2	143.4	172.5	128.6	251.2	222.6
5.1.2.1 Hospital Separation Rates for Short Stays	380.3	386.0	262.9	379.8	345.4	416.9	322.5	657.9	540.6
5.1.2.1 Hospital Separation Rates for Long Stays	465.6	419.0	354.0	404.4	579.3	575.6	307.1	454.9	382.7
5.1.3 Hospital Episode Rates for Children	26.7	38.4	28.4	30.4	22.9	49.8	26.1	72.6	57.4
5.1.4.1 Cataract Surgery	21.8	19.8	33.0	22.8	22.6	28.0	25.7	33.7	22.7
5.1.4.2 Hip Replacement Surgery	1.8	2.4	2.0	2.0	2.1	2.5	2.4	2.7	1.9
5.1.4.3 Knee Replacement Surgery	2.6	2.5	3.7	2.6	2.0	3.0	2.7	3.1	2.1
5.1.4.4 Cardiac Catheterization	6.0	5.0	6.4	4.1	5.4	6.7	6.1	9.6	8.7

INDICATOR	ALTONA	CARMAN	CARTIER /SFX	LOUISE /PEMBINA	MORDEN /WINKLER	PORTAGE	RED RIVER	SEVEN REGIONS	SWAN LAKE
5.1.4.5 Angioplasty (female)	0.7	1.3	1.1	0.9	0.8	1.3	1.1	1.6	suppressed
5.1.4.5 Angioplasty (male)	2.7	2.7	2.6	1.7	3.3	3.1	2.4	3.1	1.9
5.1.4.6 Coronary Stent Insertion (female)	0.7	1.2	1.1	suppressed	0.7	1.3	1.1	1.5	suppressed
5.1.4.6 Coronary Stent Insertion (male)	2.3	2.4	2.0	1.5	2.8	2.7	2.1	3.0	1.8
5.1.4.7 CABG	0.7	1.7	2.4	1.5	1.2	1.9	1.3	2.2	1.9
5.1.4.8 PCI	1.6	1.5	1.4	1.5	2.0	2.0	2.0	3.0	2.9
5.1.4.9 MRI Scan	15.5	16.6	23.7	15.3	16.0	14.4	18.2	19.9	18.1
5.1.4.10 Computed Tomography (CT) Scans	11.8	19.2	66.3	16.4	9.1	27.6	43.1	51.3	21.5
5.1.5.1 New Home Care Cases	1.03	1.16	1.06	1.17	0.96	1.13	1.10	1.00	1.19
5.1.5.2 Open home Care Cases	2.26	3.27	2.10	2.48	2.63	2.73	2.64	2.04	3.25
5.1.5.3 Home Care Case Closing Rates	0.99	1.19	1.00	1.19	0.99	1.13	1.12	0.82	1.07
5.1.5.4 Average Length of Home Care Cases	209.1	252.4	203.7	229.1	255.0	252.6	211.5	225.8	235.9
5.2.5.5 Home Care Days Used (female)	211.6	272.9	215.4	238.4	251.6	232.3	214.9	240.5	252.5
5.2.5.5 Home Care Days Used (male)	189.2	217.7	155.6	151.8	218.6	233.8	208.0	182.0	195.1

HEALTH SYSTEM PERFORMANCE										
INDICATOR	ALTONA	CARMAN	CARTIER /SFX	LOUISE /PEMBINA	MORDEN /WINKLER	PORTAGE	RED RIVER	SEVEN REGIONS	SWAN LAKE	
6.1.3	Physician Visit Rate	78.8%	79.5%	81.5%	78.5%	77.6%	80.8%	82.7%	75.6%	84.8%
6.1.4	Ambulatory Visit Rate	4.3	4.3	4.7	4.3	4.2	4.0	4.5	3.9	5.2
6.1.4.1	Ambulatory Visit Rate to Specialists	0.5	0.7	1.5	0.7	0.5	0.8	1.1	0.6	0.6
6.1.5	Ambulatory Consultation Rate	0.2	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.2
6.2.2	Polypharmacy Rates for Community Dwelling Seniors	7.9%	9.5%	4.1%	10.1%	9.6%	5.5%	7.3%	7.9%	10.3%
6.4.1	Continuity of Care – Adults	60.4%	58.4%	73.0%	69.8%	53.5%	57.2%	69.1%	65.6%	65.2%
6.4.2	Continuity of Care – Children	41.9%	41.9%	65.1%	57.3%	33.2%	37.6%	52.6%	47.9%	58.5%
6.4.3	Antidepressant Prescription Follow up	57.0%	47.3%	63.4%	54.2%	56.2%	46.2%	52.2%	45.7%	57.6%
6.4.4	Diabetics Care: Eye Exam	36.5%	43.0%	32.0%	46.6%	38.2%	36.4%	34.5%	30.5%	41.9%
6.5.1	Ambulatory Care Sensitive Conditions	10.6	15.2	10.5	14.3	9.1	18.4	11.1	35.5	24.4
6.5.5	Re-admission Rates for Infants within 28 Days of Birth	29.9	29.0	suppressed	30.7	29.5	40.9	20.1	29.6	64.5
6.5.6	Caesarean Section Rate	21.1%	19.8%	16.8%	22.7%	21.9%	21.4%	17.7%	23.4%	18.8%
6.5.9	Tonsillectomy/ Adenoidectomy	5.4	5.0	3.0	5.4	4.5	4.6	4.3	3.8	5.3

