

Mackenzie

This brief profile was developed to support the planning for Integrated Primary and Community Care

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Your feedbacks and suggestions on this work are most welcome

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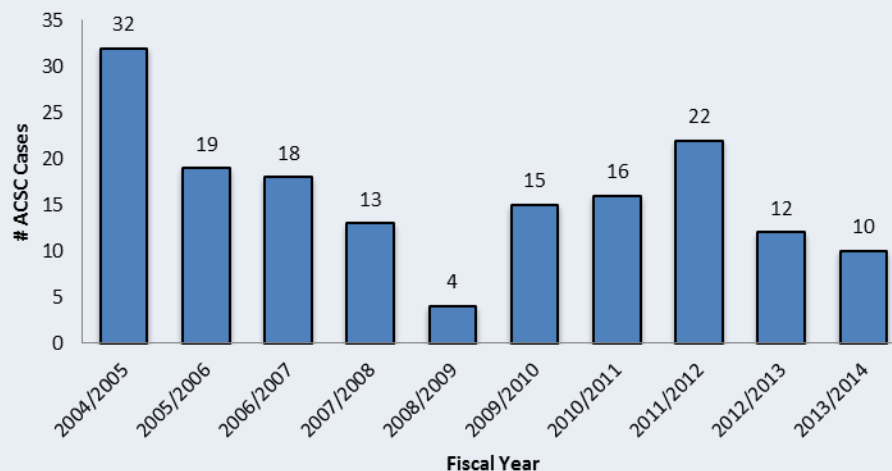


photo is from: http://www.travelguidebook.com/decopix/pix/yellowtest/1178_mackenzie/macjenzie_entrance_vctravelguide.jpg

Population of Population of Mackenzie – District Municipality (DM) ¹						3507	
Population of Prince George Local Health Area (LHA) ²						94263	
Population of Mackenzie DM as a percent of LHA population ^{1,2}						3.7%	
Children and Youth in Mackenzie DM (persons < 19 years) ¹						835	
Seniors in Mackenzie DM (persons aged 65 + years) ¹						310	
Deaths per year in Mackenzie DM ³						17	
Number of Mothers from Mackenzie DM who delivered during Fiscal Year (FY) 2012-13 ⁴						47	
Delivery Location ⁴	Locally:	3	Elsewhere:	44	Total:	47	
Percent of 2yr old children who are up-to-date on their immunizations as of Dec 2012 in Mackenzie area ⁵						82.1%	
Number of Mental Health & Addictions (MH &A) clients in Mackenzie community ⁶						FY 2011-12	151
						FY 2012-13	176
						FY 2013-14	160
Local Emergency Department (ED) unscheduled visits in MacKenzie & District Hospital ⁷						FY 2012-13	4866
						FY 2013-14	4887
ED unscheduled visits in MacKenzie & District Hospital that might be better managed in Primary Care setting (CTAS* 4 and 5) ⁷						FY 2012-13	3511
						FY 2013-14	3926
% ED unscheduled visits with unknown CTAS in MacKenzie & District Hospital ⁷						FY 2012-13	1.5%
						FY 2013-14	3.8%

* CTAS - Canadian Triage and Acuity Scale. Level 1 (Resuscitative), Level 2 (Emergent), Level 3 (Urgent), Level 4 (Less Urgent), Level 5 (Non-Urgent).

of Ambulatory Care Sensitive Conditions (ACSC)* cases in Mackenzie and District Hospital ⁸



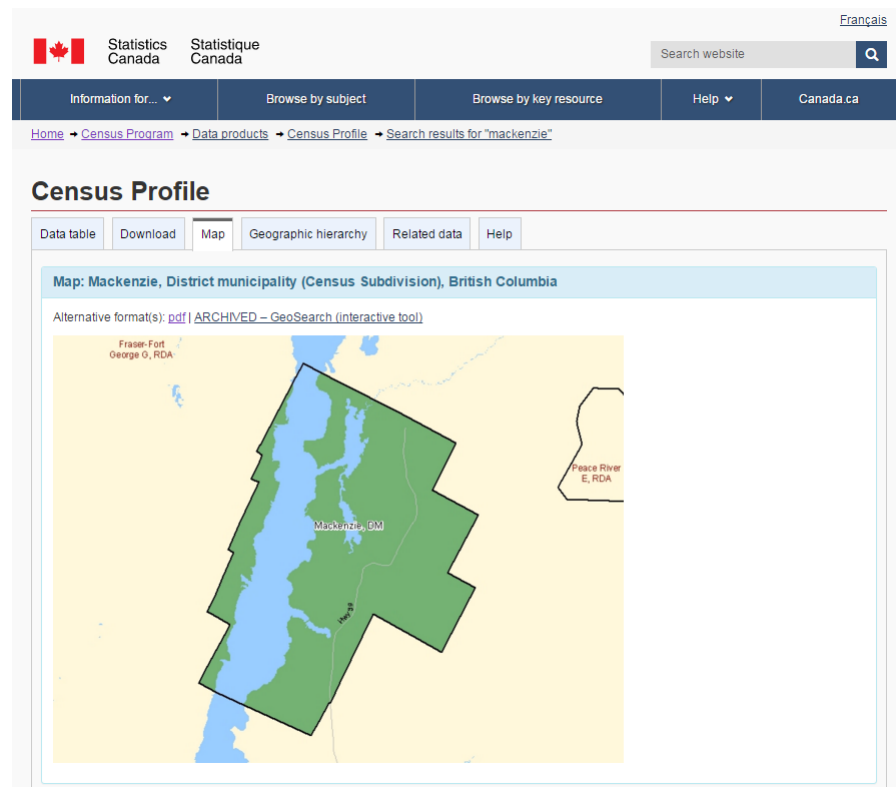
Chronic Disease Estimates for Mackenzie DM and Prince George LHA: Fiscal Year 2010 – 11 ⁵

Chronic Conditions	New cases / year		Cost per patient / year
	Mackenzie DM	LHA	
Cardiovascular Disease (CVD)	17	440	\$8,523
Dementia	7	169	\$9,901
Ischemic Heart Diseases (IHD)	11	285	\$7,567
Osteoarthritis	23	596	\$4,552
Rheumatoid Arthritis	2	51	\$5,575
Asthma	15	384	\$1,419
Congestive Heart Failure (CHF)	11	272	\$12,405
Chronic Kidney Disease (CKD)	10	261	\$11,271
COPD	14	359	\$8,557
Stroke	2	59	\$10,293
Depression	40	1,013	\$2,742
Diabetes	20	504	\$5,272
Hypertension	43	1,101	\$4,039
AMI	6	143	\$8,366

Community level estimates are based upon each community's relative share of the total Local Health Area (LHA) population and reflect what "might be expected" at the community level.

* ACSC cases are those that could frequently have been treated outside a hospital. Inclusion criteria: Admission to an acute care hospital with one of the following as most responsible diagnosis: Grand mal status and other epileptic convulsions, Chronic obstructive pulmonary disease (COPD), Asthma, Heart failure and pulmonary edema (excluding cases with cardiac procedures), Hypertension (excluding cases with cardiac procedures), Angina (excluding cases with cardiac procedures), Diabetes. Exclusion criteria: Individual died before discharge, Individuals age 75 years and older, Admission category recorded as newborn, stillbirth or cadaveric donor.⁹

Prince George LHA and Mackenzie – District Municipality ^{1, 10}



References:

1. Statistics Canada 2011 Census <http://www12.statcan.gc.ca/census-recensement/index-eng.cfm>
2. BC Stats Population Estimates in 2011
<http://www.bcstats.gov.bc.ca/StatisticsBySubject/Demography/PopulationEstimates.aspx>
3. BC Vital Statistics Annual Report: 2011 <http://www.vs.gov.bc.ca/stats/annual/2011/pdf/appendix1.pdf>
4. Perinatal Services BC – Perinatal Database Registry. Report name: Northern Health Authority resident mothers that delivered a baby in British Columbia by delivery location. (April 1, 2002 TO March 31, 2013)
Note: FY 2012-13 - Preliminary data - final data quality not completed.
5. Healthy Northern Communities 2013 Mackenzie
<http://chip.northernhealth.ca/Portals/2/Document%20Repository/2013%20Updates/2013%20Community%20Profiles/LHA%20057%20-%20MacKenzie%20-%202013.pdf>
6. Northern Health Mental Health & Addiction information system: Synapse Database
7. Northern Health clinical information system: Cerner Database
8. Health Ideas <http://public.healthideas.gov.bc.ca/portal/page/portal/HealthIdeas>
9. http://www.cihi.ca/cihi-ext-portal/pdf/internet/ind_defin_2013_en
10. <http://www.bcstats.gov.bc.ca/StatisticsBySubject/Census/2001Census/HealthAreas.aspx>