

Annex 1: Socio-Economic Context Indicators - North Thompson Region

As of September 30, 2023

Based on government and public sources



Introduction

This report presents the context indicators associated with the TMEP North Thompson Region, updated to reflect the July to September (Q3) 2023 monitoring period. These data are from public and government sources. They reflect the overall socio-economic context within which Project construction is occurring and present a picture of the overall social and economic vulnerability or resiliency of the region related to the socio-economic monitoring topic areas. Data is being reported for the entire region, even though construction activity may only be occurring in a select portion of the region. These data will be updated during Project construction when new data becomes available. This report also provides a one-time update of select community-level data points for communities crossed by the Project footprint that have been updated since the finalization of the Socio-Economic Effects Monitoring Plan based on the 2021 Census of Canada.

One-time Community Level Data (2021)

Community	Population			Housing			Labour Force			
	Population 2021 (No.)	Population Change from Last Census (2016) (%)	Percentage of Population that identifies as Aboriginal (%)	Total Private Dwellings (No.)	Percentage of Private Dwellings Occupied by Usual Residents (%)	Average Value of Dwellings (\$)	Labour Force Size (No.)	Participation Rate (%)	Unemployment Rate (%)	Labour Force by Industry (%) (top 3 industries)
Electoral Area H, Regional District of Fraser-Fort George	1589	0.2	7.9	806	85.4	894000	805	61.9	5.6	Agriculture, forestry, fishing and hunting (26.7%) Construction (8.7%) Transportation and warehousing (11.2%)
Village of Valemount	1052	3.0	15.2	602	85.2	293000	535	60.8	4.7	Retail trade (14.0%) Accommodation and food services (15.9%) Construction and Health care and social assistance (12.1%)
Electoral Area B, Thompson-Nicola Regional District	230	-1.3	17.4	180	63.9	236000	175	74.5	17.1	Transportation and warehousing (14.3%) Arts, entertainment and recreation (11.4%) Accommodation and food services (20.0%)
Electoral Area A, Thompson-Nicola Regional District	1573	5.4	10.2	813	86.1	296000	645	48.5	18.6	Agriculture, forestry, fishing and hunting (14.7%) Health care and social assistance (13.2%) Construction (15.5%)
Electoral Area O, Thompson-Nicola Regional District	1523	15.1	7.6	902	73.9	472000	705	54.2	5.7	Agriculture, forestry, fishing and hunting (21.3%) Construction (12.1%) Health care and social assistance (12.8%)
District of Clearwater	2388	2.8	13.2	1145	92.3	348000	995	52.0	14.6	Agriculture, forestry, fishing & hunting (10.5%) Retail trade (12.6%) Health care and social assistance (10.6%)

Context Indicators

In this region, the Project is occurring in a predominantly rural area. The population of the communities traversed by the Project in this region is approximately 8,000 with a labour force of approximately 4,000, with a wider regional population of over 500,000 and regional labour force of over 330,000. TMEP is the one known major capital project under construction in this region.

Context Indicator	Date	Data Description	
Population			
Population (No.)			
Cariboo Economic Region ¹	Aug-23	The total population was 145,100, which is a 0.5% increase from May 2023.	
Thompson-Okanagan Economic Region ²	Aug-23	The total population was 527,300, which is a 0.7% increase from May 2023.	
Labour Force			
Labour force size (No.)			
Cariboo Economic Region	Aug-23	The labour force size was 93,400, which is a 3.1% increase from May 2023.	
Thompson-Okanagan Economic Region	Aug-23	The labour force size was 326,300 which is a 0.9% decrease from May 2023.	
Context Indicator	Date	Data Description	
Participation Rate (%)			
Cariboo Economic Region	Aug-23	The participation rate was 64.6%, which is higher than the participation rate reported in May 2023 (62.7%).	
Thompson-Okanagan Economic Region	Aug-23	The participation rate was 61.9%, which is lower than the participation rate reported in May 2023 (62.8%).	
Unemployment Rate (%)			
Cariboo Economic Region	Aug-23	The unemployment rate was 7.9%, which is lower than the unemployment rate reported in May 2023 (8.0%).	
Thompson-Okanagan Economic Region	Aug-23	The unemployment rate was 4.3%, which is lower than the unemployment rate reported in May 2023 (4.8%).	
Major projects (\$ capital investment)	Q1 2023	In the communities in the North Thompson Region, 1 major project was identified as under construction, which is Trans Mountain Expansion Project and which is located throughout the North Thompson Region.	
Accommodation			
Rental vacancy rates (%)			
Village of Valemount	2022	Data not available through CMHC; local reports indicates near zero vacancy rate.	
District of Clearwater	2021	Data not available through CMHC; Thompson Nicola Regional District overall vacancy rate remained below 2.5% since 2015.	
Rent by rental type (\$/month, by unit type)			
Village of Valemount	2021, 2022	Data not available through CMHC; local report indicates true market rentals are hard to nail down and states an example of \$800 for one bedroom and \$950 for two bedroom rental. Census 2021 reports average monthly shelter costs for rented dwellings is \$900	
District of Clearwater	2021	Data not available through CMHC; local report references Kamloops as a proxy, noting \$950 for median unit, \$975 for two bedroom and \$1,250 for three bedroom in 2019. Census 2021 indicates average monthly shelter costs for rented dwellings is \$1050.	
Crime/Policing			
Incident Category		Rate per 1,000 population, by Police Service Area	
		Valemount RCMP, rural	Clearwater RCMP, rural
Total violent Criminal Code Violations	2022	25.2	11.7
Sexual assault, level 1, 2 and 3	2022	0.0	0.218
Total commodification of sexual activity violations	2022	n/a	n/a
Total Property Crime Violations	2022	47.8	26.1
Total Other Criminal Code Violation (Except Traffic)	2022	23.3	9.1
Total prostitution	2022	0.000	0.000
Total Criminal Code Traffic Violations	2022	17.6	4.6
Total Drug Violations	2022	13.2	2.6
Traffic			
Monthly Average Daily Traffic Count – Location P-23-3NS, Highway 5	Jun-23	The MADT at this traffic count site was 3,291 in June 2023. From the staging areas located near Valemount, Project vehicles may travel north on Highway 5 to access construction sites.	

Communicable Diseases			
Disease	Surveillance Date	No. of Cases	
		Interior Health	Northern Health
Coronavirus - COVID-19	2023	195 (Weekly total, Oct. 1-7)	32 (Weekly total, Oct. 1-7)
		Thompson Cariboo Shuswap Health Service Delivery Area (HSDA)	Northern Interior Health Service Delivery Area (HSDA)
Amebiasis	2019	2	19
Campylobacteriosis	2019	86	36
Cryptosporidiosis	2019	5	1
Giardiasis	2019	23	13
Hepatitis A	2019	1	1
Hepatitis B: Acute	2019	0	0
Hepatitis B: Chronic & Undetermined	2019	8	1
Hepatitis C	2019	102	83
Malaria	2019	2	2
Measles	2019	2	0
Mumps	2019	0	1
Pertussis	2019	55	11
Salmonella (non-typhoidal)	2019	42	19
Typhoid Fever	2019	1	0
Yersiniosis	2019	19	11
Genital Chlamydia	2017	787 (339.9/100,000)	620 (419.1 / 100,000)
Genital Gonorrhoea	2017	131 (56.5/100,000)	176 (119.0/100,000)
Infectious Syphilis	2018	9 (3.8/100,000)	3 (2.0/100,000)
Context Information from Northern Health			
Unique Clients (Trans Mountain) at Valemount Health Centre Average No. Clients/Month	Year		
5	2020		
17	2021		
28	2022 (January only)		
Qualitative Information Summary from Northern Health			
<p>February 2022 - Valemount clinic facing staffing shortage; 2 funded registered nurse positions are not filled. There is risk of facing intermittent clinic closures. Lack of available housing is hindering recruitment efforts. Current clinic staff workload is facing additional pressures as result of the pipeline workforce. Staff at clinic note 4 to 5 TMEP workforce per day visit the clinic. Sexually transmitted infection rates are presenting that are not characteristic of Valemount. After hours calls have increased.</p> <p>May 2022 - Trans Mountain-funded registered nurses in place at Valemount clinic and working well.</p> <p>December 2022 - Trans Mountain-funded registered nurse continued to provide enhanced capacity at Valemount community health clinic.</p> <p>March 2023 - Trans Mountain-funded registered nurse continued to provide enhanced capacity at Valemount community health clinic.</p> <p>Trans Mountain-funded registered nurse primarily attended to community resident health needs; community members account for about 77% of clients seen.</p> <p>June 2023 - Trans Mountain funded registered nurse continued to provide enhanced capacity at Valemount community health clinic. Trans Mountain funded registered nurse primarily attended to community resident health needs; community members account for over 80% of clients seen.</p> <p>August 2023 - Trans Mountain funded nurse continued to provided enhanced capacity at Valemount community health clinic until end-August 2023. Trans Mountain funded registered nurse primarily attended to community resident health needs; community members accounted for over 87% of clients seen.</p>			

Methodology and Notes

- Notes:
- 1 The Cariboo Economic Region consists of: 19 regional districts; 3 cities, including Prince George, Quesnel and Williams Lake; 3 district municipalities; 1 village; and 58 Indian Reserves. It is a grouping of complete census divisions created by Statistics Canada as a standard geographic unit for analysis of regional economic activity.
 - 2 The Thompson-Okanagan Economic Region: 31 regional districts; 8 cities, including Kamloops, Kelowna, Merritt, Penticton, Vernon and Salmon Arm; 9 district municipalities; 3 villages; 3 towns and 94 Indian Reserves. It is a grouping of complete census divisions created by Statistics Canada as a standard geographic unit for analysis of regional economic activity.

COVID-19 numbers reflects change in government reporting; no longer reporting active cases.

All numbers are approximate. In certain instances (e.g., gender-based crimes), additional decimal spaces are shown in order to capture small numbers.

References

- BC Centre for Disease Control (BCCDC). 2021. Reportable Diseases Data Dashboard. Website: <http://www.bccdc.ca/health-professionals/data-reports/reportable-diseases-data-dashboard>. Accessed: September 2023.
- BCCDC. 2023. COVID-19 Situation Report. Website: bccdc.shinyapps.io/respiratory_covid_sitrep/#COVID-19_cases_hospitalizations_critical_care_admissions_and_deaths. Accessed: November 2023. Reflects new reporting method by BCCDC.
- British Columbia Ministry of Jobs, Tourism and Skills Training. 2022. British Columbia Major Projects Inventory – First Quarter 2023. Website: <https://www2.gov.bc.ca/gov/content/employment-business/economic-development/industry/bc-major-projects-inventory>. Accessed: September 2023.
- British Columbia Ministry of Transportation and Infrastructure. 2023. Traffic Data Program. Website: <http://www.th.gov.bc.ca/trafficdata/index.html>. Accessed: September 2023.
- Statistics Canada. 2021. Census Profiles, 2021 Census. Website: <http://www12.statcan.gc.ca/census-recensement/2016/dp-pd/prof/index.cfm?Lang=E>. Accessed: April 2023.
- Statistics Canada. 2022. Table 35-10-0184-01 Incident-based crime statistics, by detailed violations, police services in British Columbia. Accessed: September 2023
- Statistics Canada. 2023a. Table 282-0122 - Labour Force Survey estimates (LFS), by provinces and economic regions based on 2011 Census boundaries, three-month moving average, unadjusted for seasonality, monthly (persons unless otherwise noted), CANSIM (database). Accessed: September 2023.
- Statistics Canada. 2023b. Table 282-0128 - Labour Force Survey estimates (LFS), by census metropolitan area based on 2011 Census boundaries, sex and age group, three-month moving average, unadjusted for seasonality, monthly (persons unless otherwise noted), CANSIM (database). Accessed: September 2023.
- Northern Health, direct communication, February & May 2022.
- Valemount Health Centre, RN Resource Allocation Statistics, 2022-2023
- 2022 Village of Valemount Housing Needs Report. Website: <https://valemount.ca/uploads/2022-Valemount-Housing-Needs-Report-with-Tables-sm.pdf>. Accessed March 2023.
- District of Clearwater Thompson-Nicola Regional District Housing Needs Report, February 2021. Website: <https://www.districtofclearwater.com/wp-content/uploads/2021/03/02-Clearwater-Housing-Needs-Report-Clearwater-Housing-Needs-Report-1.pdf>. Accessed March 2023.