

## Trans Mountain Expansion Project

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

As of March 31, 2023 (Rev 1)

Based on government and public sources



### Introduction

This report presents the context indicators associated with the TMEP North Thompson Region, updated to reflect the January to March (Q1) 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 have been updated since the finalization of the Socio-Economic Effects Monitoring Plan now based on the 2021 Census of Canada; this data is only updated every 5 years so will not be updated further during the Project construction period.

### 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	63.8	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 8,300 with a labour force of approximately 3,800, with a wider regional population of over 500,000 and regional labour force of over 318,000.

Context Indicator	Date	Data Description
<b>Population</b>		
<b>Population (No.)</b>		
Cariboo Economic Region <sup>1</sup>	Jan-23	The total population was 143,500, which is a 0.1% increase from October 2022.
Thompson-Okanagan Economic Region <sup>2</sup>	Jan-23	The total population was 519,700, which is a 0.2% increase from October 2022.
<b>Labour Force</b>		
<b>Labour force size (No.)</b>		
Cariboo Economic Region	Jan-23	The labour force size was 88,000, which is a 5.2% decrease from October 2022.
Thompson-Okanagan Economic Region	Jan-23	The labour force size was 318,100 which is a 1.8% decrease from October 2022.

Context Indicator	Date	Data Description	
<b>Participation Rate (%)</b>			
Cariboo Economic Region	Jan-23	The participation rate was 61.3%, which is lower than the participation rate reported in October 2022 (64.6%).	
Thompson-Okanagan Economic Region	Jan-23	The participation rate was 61.2%, which is lower than the participation rate reported in October 2022 (62.5%).	
<b>Unemployment Rate (%)</b>			
Cariboo Economic Region	Jan-23	The unemployment rate was 6.1%, which is higher than the unemployment rate reported in October 2022 (4.3%).	
Thompson-Okanagan Economic Region	Jan-23	The unemployment rate was 4.3%, which is lower than the unemployment rate reported in October 2022 (4.9%).	
<b>Major projects</b> (\$ capital investment)	Q2 2022	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.	
<b>Accommodation</b>			
<b>Rental vacancy rates (%)</b>			
Village of Valemount	2022	Data not available through CMHC; local report 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.	
<b>Rent by rental type (\$/month, by unit type)</b>			
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 indicates 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 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.	
<b>Crime/Policing</b>			
<b>Incident Category</b>		<b>Rate per 1,000 population, by Police Service Area</b>	
		<b>Valemount RCMP, rural</b>	<b>Clearwater RCMP, rural</b>
Total violent Criminal Code Violations	2021	24.3	18.3
Sexual assault, level 1, 2 and 3	2021	3.0	0.446
Total commodification of sexual activity violations	2021	n/a	n/a
Total Property Crime Violations	2021	59.3	28.8
Total Other Criminal Code Violation (Except Traffic)	2021	20.1	14.5
Total prostitution	2021	0.000	0.000
Total Criminal Code Traffic Violations	2021	17.2	8.0
Total Drug Violations	2021	5.9	6.2
<b>Traffic</b>			
Monthly Average Daily Traffic Count – Location P-23-3NS, Highway 5	Dec-22	The MADT at this traffic count site was 1,882 in December 2022. 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 (as of April 14th)	71,357 (total cases)	31,756 (total cases)
		<b>Thompson Cariboo Shuswap Health Service Delivery Area (HSDA)</b>	<b>Northern Interior Health Service Delivery Area (HSDA)</b>
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 Gonorrhea	2017	131 (56.5/100,000)	176 (119.0/100,000)
Infectious Syphilis	2018	9 (3.8/100,000)	3 (2.0/100,000)
<b>Context Information from Northern Health</b>			
<b>Unique Clients (Trans Mountain) at Valemount Health Centre Average No. Clients/Month</b>	<b>Year</b>		
5	2020		
17	2021		
28	2022 (January only)		
<b>Qualitative Information Summary from Northern Health</b>			
<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. Trans Mountain-funded registered nurse primarily attended to community resident health needs; community members account for about 77% 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

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- 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: February 2023.
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- 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: February 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: February 2023.
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