

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

As of December 31, 2022

Based on government and public sources



### Introduction

This report presents the context indicators associated with the TMEP North Thompson Region, updated to reflect the October to December (Q4) 2022 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 based on the 2016 Census of Canada; this data is only updated every 5 years, so will not be updated during the Project construction period.

### One-time Community Level Data (2016)

Community	Population			Housing			Labour Force			
	Population 2016 (No.)	Population Change from Last Census (2011) (%)	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	1586	-4.7	6.9	824	83.1	359971	880	64.9	9.1	Agriculture, forestry, fishing and hunting (25.0%) Accommodation and food services (13.6%) Health care and social assistance; and Transportation and warehousing (9.1%)
Village of Valemount	1021	0.1	16.2	586	84.5	239636	580	66.3	11.2	Accommodation and food services (15.5%) Agriculture, forestry, fishing and hunting (14.7%) Public administration (12.1%)
Electoral Area B, Thompson-Nicola Regional District	233	-17.7	4.3	222	54.1	183780	95	50.0	10.5	Accommodation and food services (31.6%) Transportation and warehousing (21.0%) Arts, entertainment and recreation (21.0%)
Electoral Area A, Thompson-Nicola Regional District	1493	-2.8	16.1	826	86.0	244094	655	51.6	17.6	Agriculture, forestry, fishing and hunting (15.3%) Manufacturing (11.4%) Construction (10.7%)
Electoral Area O, Thompson-Nicola Regional District	1323	-0.9	90.3	918	64.8	319479	650	56.5	13.8	Agriculture, forestry, fishing and hunting (22.3%) Construction (10.0%) Retail trade (9.2%)
District of Clearwater	2324	-0.3	10.5	1074	95.0	321936	1160	59.0	9.1	Agriculture, forestry, fishing & hunting (19.4%) Accommodation and food services (11.6%) Health care and social assistance (9.0%)

## 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. The current and anticipated Project workforce is small in the context of this region.

Context Indicator	Date	Data Description	
Population			
Population (No.)			
Cariboo Economic Region¹	Oct-22	The total population was 143,300, which is a 0.2% increase from August 2022.	
Thompson-Okanagan Economic Region²	Oct-22	The total population was 518,500, which is a 0.1% increase from August 2022.	
Labour Force			
Labour force size (No.)			
Cariboo Economic Region	Oct-22	The labour force size was 92,600, which is a 3.7% decrease from August 2022.	
Thompson-Okanagan Economic Region	Oct-22	The labour force size was 323,900 which is a 2.2% decrease from August 2022.	
Context Indicator	Date	Data Description	
Participation Rate (%)			
Cariboo Economic Region	Oct-22	The participation rate was 64.6%, which is lower than the participation rate reported in August 2022 (66.7%).	
Thompson-Okanagan Economic Region	Oct-22	The participation rate was 62.5%, which is lower than the participation rate reported in August 2022 (63.9%).	
Unemployment Rate (%)			
Cariboo Economic Region	Oct-22	The unemployment rate was 4.3%, which is lower than the unemployment rate reported in August 2022 (6.2%).	
Thompson-Okanagan Economic Region	Oct-22	The unemployment rate was 4.9%, which is lower than the unemployment rate reported in August 2022 (5.0%).	
Major projects (\$ 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.	
Accommodation			
Rental vacancy rates (%)			
Village of Valemount		Data not available	
Rent by rental type (\$/month, by unit type)			
Village of Valemount		Data not available	
Crime/Policing			
Incident Category		Rate per 1,000 population, by Police Service Area	
		Valemount RCMP, rural	Clearwater RCMP, rural
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
Traffic			
Monthly Average Daily Traffic Count – Location P-23-3NS, Highway 5	Sep-22	The MADT at this traffic count site was 3,760 in September 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	No. of Cases
		Interior Health	Northern Health
Coronavirus - COVID-19	2023 (as of January 13th)	70,498 (total cases)	31,498 (total cases)
		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 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)
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>Trans Mountain-funded registered nurse primarily attended to community resident health needs, which accounts for about 80% 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). 2022. BC COVID-19 Data. Website: <http://www.bccdc.ca/health-info/diseases-conditions/covid-19/data>. Accessed: January 2023.
- 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: November 2022.
- British Columbia Ministry of Jobs, Tourism and Skills Training. 2022. British Columbia Major Projects Inventory – Second Quarter 2022. Website: <https://www2.gov.bc.ca/gov/content/employment-business/economic-development/industry/bc-major-projects-inventory>. Accessed: November 2022.
- British Columbia Ministry of Transportation and Infrastructure. 2022. Traffic Data Program. Website: <http://www.th.gov.bc.ca/trafficdata/index.html>. Accessed: November 2022.
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- Statistics Canada. 2020. Table 35-10-0184-01 Incident-based crime statistics, by detailed violations, police services in British Columbia. Accessed: November 2022
- Statistics Canada. 2022a. 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: November 2022.
- Statistics Canada. 2022b. 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: November 2022.
- Northern Health, direct communication, February & May 2022.
- Valemount Health Centre, RN Resource Allocation Statistics, October 2022