

Trans Mountain Expansion Project

Annex 1: Socio-Economic Context Indicators - Fraser Valley Region

As of September 30, 2020

Based on government and public sources



Introduction

This report presents the context indicators associated with the TMEP Fraser Valley Region, updated to reflect the July to September (Q3) 2020 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

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)
City of Chilliwack	83788	7.5	7.9	34,038	95.3	\$ 424,681	42,065	63.4	6.4	Retail trade (11.5%) Health care and social assistance (11.4%) Construction (10.7%)
City of Abbotsford	141397	5.9	4.7	51,770	94.7	\$ 516,858	73,750	65.5	6.6	Retail trade (10.6%) Manufacturing (9.9%) Health care and social assistance (9.7%)
Electoral Area D, Fraser Valley Regional District	1,529	13.6	1.60	596	88.1	\$ 552,604	735	63.1	4.1	Construction (12.9%) Accommodation and food services (11.6%) Health care and social assistance; and retail trade 2 (10%)

Context Indicators

In this region, the Project area has a regional population of over 225,000 and a labour force of about 116,000 workers, and is part of the larger Lower Mainland/Southwest economic region with a workforce of over 1.6 million. There is extensive other development in the region, with approximately \$1.1 billion of other capital projects under construction. The current and anticipated Project workforce is small in the context of this region.

Context Indicator	Date	Data Description
Population		
Population (No.)		
Abbotsford-Mission CMA	Jul-20	The total population was 161,500 which is a 7.3% increase from September 2017 (date of start of TMEP construction generally).
Lower Mainland / Southwest Economic Region ¹	Jul-20	The total population was 2,638,900 which is a 5.5% increase from September 2017.
Labour Force		
Labour force size (No.)		
Abbotsford-Mission CMA	Jul-20	The labour force size was 99,800, which is the same as September 2017.
Lower Mainland / Southwest Economic Region	Jul-20	The labour force size was 1,675,800, which is a 0.3% decrease from September 2017.
Participation Rate (%)		
Abbotsford-Mission CMA	Jul-20	The participation rate was 61.8%, which is lower than the participation rate reported in September 2017 (66.3%).
Lower Mainland / Southwest Economic Region	Jul-20	The participation rate was 63.5%, which is lower than the participation rate reported in September 2017 (67.3%).
Unemployment Rate (%)		
Abbotsford-Mission CMA	Jul-20	The unemployment rate was 8.5%, which is higher than the unemployment rate reported in September 2017 (4.7%).
Lower Mainland / Southwest Economic Region	Jul-20	The unemployment rate was 12.8%, which is higher than the unemployment rate reported in September 2017 (4.6%).
Major projects (\$ capital investment)	Q1 2020	In the communities in the Fraser Valley Region, 15 major projects were identified as under construction, with a total capital cost of approximately \$1.1 billion. The projects are located throughout the Fraser Valley Region. Key projects with large (>\$100 million) capital costs include the Abbotsford Law Courts, Breimner/Trio Hydro Project, the Abbotsford Airport Expansion and the Garrison Crossing Residential Development.

Context Indicator	Date	Data Description		
Accommodation				
Rental vacancy rates (%)				
Chilliwack (census agglomeration)	Oct-19	The vacancy rate was % in private apartments.		
Abbotsford-Mission CMA	Oct-19	The vacancy rate was % in private apartments.		
Rent by rental type (\$/month, by unit type)				
Chilliwack (census agglomeration)	Oct-19	The average rents for a private apartment range from \$956 for a bachelor, to \$1,378 for 3 bedroom +.		
Abbotsford-Mission CMA	Oct-19	The average rents for a private apartment range from \$758 for a bachelor, to \$1,495 for 3 bedroom +.		
Crime/Policing				
Incident Category		Rate per 1,000 population, by Police Service Area		
		Chilliwack RCMP, rural	Chilliwack RCMP, municipal	Abbotsford municipal
Total violent Criminal Code Violations	2018	1.9	1.6	1.1
Sexual assault, level 1, 2 and 3	2018	0.1	0.1	0.1
Total commodification of sexual activity violations	2018	0.000	0.003	0.002
Total Property Crime Violations	2018	9.5	6.9	5
Total Other Criminal Code Violation (Except Traffic)	2018	3.4	3.1	0.5
Total prostitution	2018	0.000	0.001	0.000
Total Criminal Code Traffic Violations	2018	0.4	0.2	0.3
Total Drug Violations	2018	0.4	0.4	0.1
Traffic				
Monthly Average Daily Traffic Count – Location P-17-99EW, Highway 1	Jun-20	The MADT at this traffic count site was 52,998 in June 2020. Project vehicles may travel on Highway 1 to access construction sites.		
Monthly Average Daily Traffic Count – Location P-17-4EW, Highway 1	Jun-20	The MADT at this traffic count site was 76,689 in June 2020. Project vehicles may travel on Highway 1 to access construction sites.		
Communicable Diseases				
Disease	Surveillance Date	No. of Cases		
		Fraser Health		
Coronavirus - COVID-19	October 2020 (as of October 6)	872 - active 5038 - total		
		Fraser East - Health Service Delivery Area		
Amoebiasis	Jan - Mar 2019	2		
Campylobacter Infection	Jan - Mar 2019	20		
Cryptosporidium Infection	Jan - Mar 2019	2		
Giardia Infection	Jan - Mar 2019	12		
Hepatitis A	Jan - Mar 2019	0		
Hepatitis B: Acute	Jan - Mar 2019	0		
Hepatitis B: Chronic Carriers	Jan - Mar 2019	2		
Hepatitis B: Undetermined	Jan - Mar 2019	4		
Hepatitis C: Acute	Jan - Mar 2019	3		
Hepatitis C: Chronic/Unknown	Jan - Mar 2019	54		
Malaria	Jan - Mar 2019	1		
Measles	Jan - Mar 2019	0		
Mumps	Jan - Mar 2019	1		
Pertussis	Jan - Mar 2019	7		
Salmonella Infection	Jan - Mar 2019	18		
Typhoid Fever	Jan - Mar 2019	4		
Yersinia Infection	Jan - Mar 2019	9		
Genital Chlamydia	2017	653 (207.7 per 100,000)		
Genital Gonorrhea	2017	82 (26.1 per 100,000)		
Infectious Syphilis	2018	19 (6 per 100,000)		

Methodology and Notes

Notes:

1 The Lower Mainland / Southwest Economic Region consists of: 4 regional districts; 14 cities, including Chilliwack, Abbotsford, Surrey, Coquitlam and Burnaby; 12 district municipalities, including Hope and Langley; 6 towns and villages; an Island Municipality; 96 Indian Reserves; and an Indian Government District. It is a grouping of complete census divisions created by Statistics Canada as a standard geographic unit for analysis of regional economic activity.

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). 2020. BC COVID-19 Data. Website: <http://www.bccdc.ca/health-info/diseases-conditions/covid-19/data>. Accessed: October 2020.
- BC Centre for Disease Control (BCCDC). 2016. STI in British Columbia: Annual Surveillance Report 2016. Website: <http://www.bccdc.ca/search?k=sti%20annual%20report>. Accessed: October 2019.
- BC Centre for Disease Control (BCCDC). 2019. Cumulative Report on Selected Surveillance Conditions by HSDA: Surveillance Reported Month: 1 – 3, 2018, 2019. Available at: http://www.bccdc.ca/resource-gallery/Documents/Statistics%20and%20Research/Statistics%20and%20Reports/Epid/CD%20Annual%20Monthly%20reports/CD_Monthly_HSDA_Report.pdf. Accessed: October 2019.
- British Columbia Ministry of Jobs, Tourism and Skills Training. 2019. British Columbia Major Projects Inventory – First Quarter 2020. Website: <https://www2.gov.bc.ca/gov/content/employment-business/economic-development/industry/bc-major-projects-inventory>. Accessed: September 2020.
- British Columbia Ministry of Transportation and Infrastructure. 2020. Traffic Data Program. Website: <http://www.th.gov.bc.ca/trafficdata/index.html>. Accessed: September 2020.
- Statistics Canada. 2016. Census Profiles, 2016 Census. Website: <http://www12.statcan.gc.ca/census-recensement/2016/dp-pd/prof/index.cfm?Lang=E>. Accessed: July 2018.
- Statistics Canada. 2018. Table 35-10-0184-01 Incident-based crime statistics, by detailed violations, police services in British Columbia. Accessed: February 2020.
- Statistics Canada. 2020a. 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 2020.
- Statistics Canada. 2020b. 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 2020.