Trans Mountain Expansion Project

Annex 1: Socio-Economic Context Indicators - Coquihalla-Hope Region

As of June 30, 2020

Based on government and public sources

Introduction

This report presents the context indicators associated with the TMEP Coquihalla-Hope Region, updated to reflect the April to June (Q2) 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)
District of Hope	6181	3.6	10.4	3123	91.9	$ 299,676	2760	51.3	11.2	Accommodation and food services (16.7%) Retail trade (10.0%) Construction (9.2%)
Electoral Area B, Fraser Valley Regional District	915	26.9	12.60	726	53.7	$ 331,149	340	48.9	6.0	Retail trade (14.7%) Agriculture, forestry, fishing and hunting; Construction; and Accommodation and food services (10.3%)

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 7,000 with a labour force of approximately 3,000, with a wider regional population of approximately 2,600,000 and regional labour force of over 1,750,000. There are no major capital projects under construction in the communities traversed by the Project in this region (Hope and parts of the Fraser Valley). The current and anticipated Project workforce is small in the context of this region.

Context Indicator	Date	Data Description
Population		
Population (No.)		
Lower Mainland / Southwest Economic Region[1]	Apr-20	The total population was 2,662,600 which is a 0.5% increase from April 2020.
Labour Force		
Labour force size (No.)		
Lower Mainland /Southwest Economic Region	Apr-20	The labour force size was 1,642,000, which is a 5.5% decrease from April 2020.
Context Indicator	**Date**	**Data Description**
Participation Rate (%)		
Lower Mainland /Southwest Economic Region	Apr-20	The participation rate was 62.5%, which is lower than the participation rate reported in April 2020 (66.5%).
Unemployment Rate (%)		
Lower Mainland /Southwest Economic Region	Apr-20	The unemployment rate was 7.5%, which is higher than the unemployment rate reported in April 2020 (4.4%).
Major projects ($ capital investment)	Q3 2019	In the communities crossed by the Project in the Coquihalla Hope Region, no major projects were identified as under construction.
Accommodation		
Rental vacancy rates (%)		
District of Hope		Data not available
Rent by rental type ($/month, by unit type)		
District of Hope		Data not available

Crime/Policing

Incident Category		Rate per 1,000 population, by Police Service Area	
		Hope RCMP, municipal	Hope RCMP, rural
Total violent Criminal Code Violations	2018	23.9	27.0
Sexual assault, level 1, 2 and 3	2018	1.3	1.300
Total commodification of sexual activity violations	2018	0.500	0.000
Total Property Crime Violations	2018	103.7	85.5
Total Other Criminal Code Violation (Except Traffic)	2018	67.0	30.8
Total prostitution	2018	0.000	0.000
Total Criminal Code Traffic Violations	2018	5.7	17.3
Total Drug Violations	2018	4.9	9.6

Traffic

Monthly Average Daily Traffic Count – Location P-16-22EW-NY, Highway 1	Sep-19	The MADT at this traffic count site was 22,998 in September 2019. From the staging area near Chilliwack, Project vehicles may travel east on Highway 1 to access construction sites.

Communicable Diseases

Disease	Surveillance Date	No. of Cases
		Fraser Health
Coronavirus - COVID-19	2020 (as of May 28)	1,274
		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	2016	653 (207.7 per 100,000)
Genital Gonorrhea	2016	82 (26.1 per 100,000)
Infectious Syphilis	2016	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, Abbotsfo rd, Surrey, Coquitlam and Burnaby; 12 district municipalities, including Hope and Langley; 6 towns and villages; an Island Munici pality; 96 Indian Reserves; and an Indian Government District. It is a grouping of complete census divisions created by Statistics Canada as a standard geograph ic 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 c apture 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: May 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 – Third Quarter 2019. Website:
   https://www2.gov.bc.ca/gov/content/employment-business/economic-development/industry/bc-major-projects-inventory. Accessed: April 2020.

British Columbia Ministry of Transportation and Infrastructure. 2019. Traffic Data Program. Website: http://www.th.gov.bc.ca/trafficdata/index.html. Accessed: February 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: April 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: April 2020.