

## Trans Mountain Expansion Project

### Annex 1: Socio-Economic Context Indicators - Yellowhead Region

As of September 30, 2019

Based on government and public sources



#### Introduction

This report presents the context indicators associated with the TMEP Yellowhead Region, updated to reflect the July to September (Q3) 2019 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 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 and Dwelling Count				Housing		Labour			
	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 Dwelling (\$)	Labour Force Size (No.)	Participation Rate (%)	Unemployment Rate (%)	Labour Force by Industry (%) (top 3 industries)
Village of Wabamun	682	3.2	8.8	290	93.1	\$ 280,676	330	58.4	13.6	Construction (10.6%) Retail Trade (16.7%) Transportation and warehousing / Accommodation and food services (7.6%)
Yellowhead County	10995	5.0	8.2	5048	85.4	\$ 414,554	6035	68.8	11.0	Mining, quarrying, and oil and gas extraction (16.3%) Construction (11.3%) Retail trade (7.9%)
Town of Edson	8414	-0.7	11.4	3762	89.3	\$ 307,692	4945	74.1	10.1	Mining, quarrying, and oil and gas extraction (18.7%) Retail trade (13.0%) Health care and social assistance (8.0%)
Town of Hinton	9882	2.5	11.8	4343	90.5	\$ 322,678	5770	73.2	7.4	Mining, quarrying, and oil and gas extraction (14.0%) Manufacturing (11.4%) Retail trade (13.5%)
Parkland County*	32097	5.0	6.6	12910	90.0	\$ 560,743	18255	70.2	9.4	Construction (17.1%) Retail Trade (9.1%) Health care and social assistance (7.6%)

\*traversed by the Project's Yellowhead Region and Greater Edmonton Region

#### 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 over 60,000 with a labour force of over 35,000, with a wider regional population of approximately 275,000 and regional labour force of over 201,000. There is other development in the region occurring, totaling over \$265 million of capital investment. The current and anticipated Project workforce is very small in the context of this region.

Context Indicator	Date	Data Description
<b>Population</b>		
<b>Population (No.)</b>		
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Jul-19	The total population was 273,300 which is a 0.3% decrease from November 2018.

Context Indicator	Date	Data Description		
Labour Force				
Labour force size (No.):				
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Jul-19	The labour force size was 201,700, which is a 3.4% increase from November 2018.		
Participation Rate (%)				
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Jul-19	The participation rate was 73.8%, which is higher than the participation rate reported in November 2018 (71.0%).		
Unemployment Rate (%)				
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Jul-19	The unemployment rate was 5.2%, which is higher than the unemployment rate reported in November 2018 (4.6%).		
Major projects (\$ capital investment)	Sep-19	Six major projects were identified as under construction in the Yellowhead Region, with a total capital cost of approximately <b>\$265 million</b> . These projects are the Highway 16 and Highway 47 Pave, Parkland Lodge Expansion, Edson Wastewater Treatment Plant, Hinton Provincial Court Redevelopment, Canyon Creek Pumped Hydro Energy Storage Project and the Brule Community Hall Replacement.		
Accommodation				
Rental vacancy rates (%)				
Town of Edson	2017	The vacancy rate was 6.5% in private apartments.		
Town of Hinton	2017	The vacancy rate was 4.0% in private apartments.		
Rent by rental type (\$/month, by unit type)				
Town of Edson	2017	The average rents for a private apartment range from \$730 for a bachelor, to \$1,240 for 3 bedroom +.		
Town of Hinton	2017	The average rents for a private apartment range from \$892 for a bachelor, to \$1,109 for 3 bedroom +.		
Crime/Policing				
Incident Category		Rate per 1,000 population, by Police Service Area		
		Edson RCMP, municipal	Edson RCMP, rural	Hinton RCMP, rural
Total violent Criminal Code Violations	2018	21.2	9.9	n/a
Sexual assault, level 1, 2 and 3	2018	0.712	0.533	n/a
Total commodification of sexual activity violations	2018	0.000	0.000	n/a
Total Property Crime Violations	2018	8.9	6.6	n/a
Total Other Criminal Code Violation (Except Traffic)	2018	33.5	85.3	n/a
Total prostitution	2018	0.000	0.000	n/a
Total Criminal Code Traffic Violations	2018	9.4	3.9	n/a
Total Drug Violations	2018	3	1.6	n/a
Traffic				
Annual Average Daily Traffic – Location 50160610, Highway 16	2019	The two-way AADT at this traffic count site was 9,475. From the staging area at the Edson stockpile site, Project vehicles may travel east along Highway 16 to access construction sites.		
Annual Average Daily Traffic – Location 50160650, Highway 16	2019	The two-way AADT at this traffic count site was 10,639. From the staging area at the Edson stockpile site, Project vehicles may travel west along Highway 16 to access construction.		

Communicable Diseases		
Disease	Surveillance Date	No. of Cases
		North Health Zone (North Health Zone Southwest for Sexually Transmitted Infections)
Amoebiasis	2017	1 case (0.21 per 100,000)
Campylobacteriosis	2017	84 cases (17.5 per 100,000)
Cryptosporidiosis	2017	15 cases (3.12 per 100,000)
E.Coli	2017	3 cases (0.62 per 100,000)
Giardiasis	2017	26 cases (5.42 per 100,000)
Haemophilus Influenzae-NonSerotype B Invasive	2017	10 cases (2.08 per 100,000)
Hepatitis A	2017	1 case (0.21 per 100,000)
Hepatitis B Acute Cases	2017	2 cases (0.42 per 100,000)
Hepatitis B Carrier Status Unknown	2017	0 cases (0 per 100,000)
Hepatitis B Chronic Carriers	2017	43 cases (8.96 per 100,000)
Hepatitis C Acute Cases	2017	20 cases (4.17 per 100,000)
Hepatitis C Carrier Status Unknown	2017	8 cases (1.67 per 100,000)
Hepatitis C Chronic Carriers	2017	139 cases (28.96 per 100,000)
Malaria	2017	5 cases (1.04 per 100,000)
Meningococcal Disease (Invasive)	2017	0 cases (0 per 100,000)
Mumps	2017	113 cases (2.64 per 100,000)
Pertussis	2017	184 cases (38.33 per 100,000)
Pneumococcal Disease (Invasive)	2017	64 cases (13.33 per 100,000)
Salmonellosis	2017	102 cases (21.25 per 100,000)
Shigellosis	2017	10 cases (2.08 per 100,000)
Streptococcal Disease-Group A (Invasive/Severe)	2017	45 cases (9.37 per 100,000)

## Methodology and Notes

### Notes:

1 The Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Regions consists of: 1 city, 69 towns, specialized municipalities, villages and summer villages, including Edson and Hinton; 30 municipal districts and improvement districts; and 44 Indian Reserves and Indian Settlements.

n/a = data not available; suppressed to meet the confidentiality requirements of the Statistics Act

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

## References

- Alberta Transportation. 2019. Traffic Volumes at Points on the Highway Network. Website: Accessed: October 2019.
- Government of Alberta. 2019. Alberta Major Projects List. Website: <http://majorprojects.alberta.ca/>. Accessed: October 2019.
- Government of Alberta. 2017. 2017 Apartment Vacancy and Rental Cost Survey. 155pp.
- Government of Alberta. 2017. Interactive Health Data Application [electronic database]. Retrieved from [http://www.ahw.gov.ab.ca/IHDA\\_Retrieval/](http://www.ahw.gov.ab.ca/IHDA_Retrieval/). Accessed: October 2019.
- Statistics Canada. 2016. Census Profiles, 2016 Census. Website: <http://www12.statcan.gc.ca/census-recensement/2016/dp-pd/prof/index.cfm?Lang=E>. Accessed: June 2018.
- Statistics Canada. 2018. Table 35-10-0183-01 Incident-based crime statistics, by detailed violations, police services in Alberta. Accessed: October 2019.
- Statistics Canada. 2019. Table 14-10-0293-01 Labour force characteristics by economic region, three-month moving average, unadjusted for seasonality, last 5 months. Accessed: October 2019.