

Trans Mountain Expansion Project

Annex 1: Socio-Economic Context Indicators - Yellowhead Region

As of March 31, 2018

Based on government and public sources



Introduction

This report presents the context indicators associated with the TMEP Yellowhead Region, updated at the start of construction of the Trans Mountain Expansion Project (TMEP or the Project) in the region to reflect the first monitoring cycle. 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 195,000. There is other development in the region occurring, totaling over \$65 million of capital investment. The current and anticipated Project workforce is very small in the context of this region.

Context Indicator	Date	Data Description
Population		
Population (No.)		
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Jan-18	The total population was 275,200 which is a 0.5% decrease from December 2016.

Context Indicator	Date	Data Description		
Labour Force				
Labour force size (No.):				
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Jan-18	The labour force size was 195,800, which is a 0.5% increase from December 2016.		
Participation Rate (%)				
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Jan-18	The participation rate was 71.1%, which is higher than the participation rate reported in December 2016 (70.5%).		
Unemployment Rate (%)				
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Jan-18	The unemployment rate was 5.9%, which is lower than the unemployment rate reported in December 2016 (6.2%).		
Major projects (\$ capital investment)	Feb-18	Five major projects were identified as under construction in the Yellowhead Region, with a total capital cost of approximately \$65.5 million . These projects are the Highway 16 and Highway 47 Pave, Parkland Lodge Expansion, Edson Wastewater Treatment Plant, Hinton Provincial Court Redevelopment and Acreage Pharms Phase 2 Marijuana Expansion.		
Accommodation				
Rental vacancy rates (%)				
Town of Edson	2016	The vacancy rate was 16.7% in private apartments.		
Town of Hinton	2016	The vacancy rate was 16.8% in private apartments.		
Rent by rental type (\$/month, by unit type)				
Town of Edson	2016	The average rents for a private apartment range from \$777 for a bachelor, to \$1,225 for 3 bedroom +.		
Town of Hinton	2016	The average rents for a private apartment range from \$860 for a bachelor, to \$1,084 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	2016	23.9	8.6	n/a
Sexual assault, level 1, 2 and 3	2016	0.682	0.823	0.000
Total commodification of sexual activity violations	2016	0.000	0.000	0.000
Total Property Crime Violations	2016	76	50.6	n/a
Total Other Criminal Code Violation (Except Traffic)	2016	39.2	8.5	n/a
Total prostitution	2016	0.000	0.000	0.000
Total Criminal Code Traffic Violations	2016	14.7	7.5	n/a
Total Drug Violations	2016	8.2	2.2	n/a
Traffic				
Annual Average Daily Traffic – Location 50160610, Highway 16	2016	The two-way AADT at this traffic count site was 7,567. 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	2016	The two-way AADT at this traffic count site was 8,528. 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	2016	4 (0.82 per 100,000)
Campylobacteriosis	2016	90 (18.56 per 100,000)
Cryptosporidiosis	2016	25 (5.16 per 100,000)
E.Coli	2016	7 (1.44 per 100,000)
Giardiasis	2016	41 (8.45 per 100,000)
Haemophilus Influenzae-NonSerotype B Invasive	2016	12 (2.47 per 100,000)
Hepatitis A	2016	21 (4.33 per 100,000)
Hepatitis B Acute Cases	2016	2 (0.41 per 100,000)
Hepatitis B Carrier Status Unknown	2016	1 (0.21 per 100,000)
Hepatitis B Chronic Carriers	2016	31 (6.39 per 100,000)
Hepatitis C Acute Cases	2016	18 (3.71 per 100,000)
Hepatitis C Carrier Status Unknown	2016	17 (3.51 per 100,000)
Hepatitis C Chronic Carriers	2016	151 (31.14 per 100,000)
Malaria	2016	2 (0.41 per 100,000)
Meningococcal Disease (Invasive)	2016	0 (0 per 100,000)
Mumps	2016	0 (0 per 100,000)
Pertussis	2016	38 (7.84 per 100,000)
Pneumococcal Disease (Invasive)	2016	63 (12.99 per 100,000)
Salmonellosis	2016	129 (26.6 per 100,000)
Shigellosis	2016	10 (2.06 per 100,000)
Streptococcal Disease-Group A (Invasive/Severe)	2016	26 (5.36 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. 2016. Traffic Volumes at Points on the Highway Network. Website: Accessed: February 2018.
 Government of Alberta. 2018. Alberta Major Projects List. Website: <http://majorprojects.alberta.ca/>. Accessed: February 2018
 Government of Alberta. 2016a. 2016 Apartment Vacancy and Rental Cost Survey. 165pp.
 Government of Alberta. 2016b. Interactive Health Data Application [electronic database]. Retrieved from http://www.ahw.gov.ab.ca/IHDA_Retrieval/. Accessed: February 2018.
 Statistics Canada. 2018a. 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 13, 2018.
 Statistics Canada. 2016a. Table 252-0080 - Incident-based crime statistics, by detailed violations and police services, Alberta, annual (number unless otherwise noted), CANSIM (database). Accessed: February 2018.
 Statistics Canada. 2016b. Census Profiles, 2016 Census. Website: <http://www12.statcan.gc.ca/census-recensement/2016/dp-pd/prof/index.cfm?Lang=E>. Accessed: February 2018.