Trans Mountain Expansion Project

Annex 1: Socio-Economic Context Indicators - Yellowhead Region

As of December 2018

Based on government and public sources

Introduction

This report presents the context indicators associated with the TMEP Yellowhead Region, updated to reflect the October to December (Q4) 2018 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 274,000 and regional labour force of almost 195,000. There is other development in the region occurring, totaling over $487 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	Nov-18	The total population was 274,200 which is a 0.07% decrease from August 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	Nov-18	The labour force size was 194,800, which is a 5.6% decrease from August 2018.
Participation Rate (%)		
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Nov-18	The participation rate was 71.0%, which is lower than the participation rate reported in August 2018 (75.2%).
Unemployment Rate (%)		
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Nov-18	The unemployment rate was 4.6%, which is lower than the unemployment rate reported in August 2018 (5.9%).
Major projects (\$ capital investment)	Dec-18	Eight major projects were identified as under construction in the Yellowhead Region, with a total capital cost of approximately **\$487.2 million**. These projects are the Highway 16 and Highway 47 Pave, Canyon Creek Pumped Hydro Energy Storage Project, Water Supply Twinning Phase 2, Parkland Lodge Expansion, Edson Wastewater Treatment Plant, Hinton Provincial Court Redevelopment, Champion Petfoods Production Plant and Paul First Nation Reserve K-9 School.
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	Date	Rate per 1,000 population, by Police Service Area		
		Edson RCMP, municipal	Edson RCMP, rural	Hinton RCMP, rural
Total violent Criminal Code Violations	2017	22.2	10.2	n/a
Sexual assault, level 1, 2 and 3	2017	0.808	0.554	0.000
Total commodification of sexual activity violations	2017	0.000	0.000	0.000
Total Property Crime Violations	2017	77.6	63.8	n/a
Total Other Criminal Code Violation (Except Traffic)	2017	37.4	69.2	n/a
Total prostitution	2017	0.000	0.000	0.000
Total Criminal Code Traffic Violations	2017	10.9	5.8	n/a
Total Drug Violations	2017	7.7	3.7	n/a

Traffic

Context Indicator	Date	Data Description
Annual Average Daily Traffic – Location 50160610, Highway 16	2017	The two-way AADT at this traffic count site was 7,890. 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	2017	The two-way AADT at this traffic count site was 9,230. 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. 2017. Traffic Volumes at Points on the Highway Network. Website: Accessed: December 2018.

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