Trans Mountain Expansion Project
Annex 1: Socio-Economic Context Indicators - Yellowhead Region
As of December 31, 2020
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) 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 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)
City of Spruce Grove	34066	30.2	7.6	13109	95.7	$ 389,146	19300	74	7.8	Health care and social assistance (9.5%) Retail Trade (12.8%) Construction (15.6%)
Town of Stony Plain	17189	14.2	6.9	6954	95.5	$ 370,315	9160	68.2	9.2	Construction (16.4%) Retail Trade (11.3%) Health care and social assistance (9.3%)
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%)

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 110,000 with a labour force of over 60,000, with a wider regional population of approximately 270,000 and regional labour force of over 189,000. There is other development in the region occurring, totaling over $11.9 billion 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	Oct-20	The total population was 270,800, which is a 0.3% decrease from July 2020.
Context Indicator	**Date**	**Data Description**
Labour Force		
Labour force size (No.):		
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Oct-20	The labour force size was 189,200, which is a 2.7% increase from July 2020.
Participation Rate (%)		
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Oct-20	The participation rate was 69.9%, which is higher than the participation rate reported in July 2020 (67.8%).
Unemployment Rate (%)		
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Oct-20	The unemployment rate was 10.8%, which is lower than the unemployment rate reported in July 2020 (14.4%).
Major projects ($ capital investment)	Nov-20	Thirteen major projects were identified as under construction in the Yellowhead Region, with a total capital cost of approximately **$11.9 billion**. Key projects with large (>$1 billion) capital costs include the Cascade Power Project, the Trans Mountain Pipeline Expansion and the NOVA NGTL Expansion (Montney and Duvernay Basins).
Accommodation		
Rental vacancy rates (%)		
City of Spruce Grove	2019	The vacancy rate was 3.6% in private apartments.
Town of Stony Plain	2019	The vacancy rate was 2.8% in private apartments.
Town of Edson	2018	The vacancy rate was 9.3% in private apartments.
Town of Hinton	2018	The vacancy rate was 3.8% in private apartments.
Rent by rental type ($/month, by unit type)		
City of Spruce Grove	2019	The average rents for a private apartment range from $1,070 for a 1 bedroom, to $1,183 for 3 bedroom +.
Town of Stony Plain	2019	The average rents for a private apartment range from $970 for a 1 bedroom, to $1,241 for 3 bedroom +.
Town of Edson	2018	The average rents for a private apartment range from $898 for a bachelor, to $1,112 for 3 bedroom +.
Town of Hinton	2018	The average rents for a private apartment range from $750 for a bachelor, to $1,240 for 3 bedroom +.

Crime/Policing

Incident Category		Rate per 1,000 population, by Police Service Area					
		Spruce Grove RCMP, municipal	Stony Plain RCMP, rural	Stony Plain RCMP, rural	Edson RCMP, municipal	Edson RCMP, rural	Hinton RCMP, rural
Total violent Criminal Code Violations	2018	10.6	13.5	11.8	21.2	9.9	n/a
Sexual assault, level 1, 2 and 3	2018	0.447	0.919	0.603	0.712	0.533	n/a
Total commodification of sexual activity violations	2018	0.000	0.000	0.023	0.000	0.000	n/a
Total Property Crime Violations	2018	52.9	49.9	48.0	8.9	6.6	n/a
Total Other Criminal Code Violation (Except Traffic)	2018	11.5	34.1	9.6	33.5	85.3	n/a
Total prostitution	2018	0.000	0.000	0.000	0.000	0.000	n/a
Total Criminal Code Traffic Violations	2018	5.2	5.2	8.1	9.4	3.9	n/a
Total Drug Violations	2018	3.1	2.6	2.3	3	1.6	n/a

Traffic

	Date	
Annual Average Daily Traffic (AADT) – Location 51604259, Highway 16	Nov-20	The two-way AADT at this traffic count site was 44,445 in November 2020. From the staging area, Project vehicles may travel east on Highway 16 to access the TUC.
Annual Average Daily Traffic – Location 51604019, Highway 16	Nov-20	The two-way AADT at this traffic count site was 20,739 in November 2020. From the staging area, Project vehicles may travel west on Highway 16 to access construction sites.
Annual Average Daily Traffic – Location 50160610, Highway 16	Nov-20	The two-way AADT at this traffic count site was 7,569 in November 2020. 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	Nov-20	The two-way AADT at this traffic count site was 7,829 in November 2020. 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)**
Coronavirus - COVID 19	2020 (as of Dec. 9)	1,212 (active cases) 4,757 confirmed cases)
Amoebiasis	2018	5 (1.05 per 100,000)
Campylobacteriosis	2018	105 (21.98 per 100,000)
Cryptosporidiosis	2018	17 (3.56 per 100,000)
E.Coli	2018	23 (4.81 per 100,000)
Giardiasis	2018	43 (9.00 per 100,000)
Haemophilus Influenzae-NonSerotype B Invasive	2018	2 (0.42 per 100,000)
Hepatitis A	2018	5 (1.05 per 100,000)
Hepatitis B Acute Cases	2018	3 (0.63 per 100,000)
Hepatitis B Carrier Status Unknown	2018	0 (0.00 per 100,000)
Hepatitis B Chronic Carriers	2018	32 (6.70 per 100,000)
Hepatitis C Acute Cases	2018	10 (2.09 per 100,000)
Hepatitis C Carrier Status Unknown	2018	12 (2.51 per 100,000)
Hepatitis C Chronic Carriers	2018	172 (36.00 per 100,000)
Malaria	2018	5 (1.05 per 100,000)
Meningococcal Disease (Invasive)	2018	5 (1.05 per 100,000)
Mumps	2018	0 (0.00 per 100,000)
Pertussis	2018	77 (16.12 per 100,000)
Pneumococcal Disease (Invasive)	2018	48 (10.05 per 100,000)
Salmonellosis	2018	123 (25.75 per 100,000)
Shigellosis	2018	7 (1.47 per 100,000)
Streptococcal Disease-Group A (Invasive/Severe)	2018	51 (10.67 per 100,000)
Varicella (Chickenpox)	2018	3 (0.63 per 100,000)
Chlamydia	2019	2,490 (518.64 per 100,000)
Gonorrhea	2019	621 (129.35 per 100,000)
Infectious Syphilis	2019	428 (89.15 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

Government of Alberta did not conduct the Apartment Vacancy and Rental Cost Survey in 2019 due to fiscal constraints the Housing Division.

References

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