

Annex 1: Socio-Economic Context Indicators - Yellowhead Region

As of March 31, 2023 (Rev 1)

Based on government and public sources



Introduction

This report presents the context indicators associated with the TMEP Yellowhead Region, updated to reflect the January to March (Q1) 2023 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 now based on the 2021 Census of Canada; this data is only updated every 5 years so will not be updated further during the Project construction period.

One-time Community Level Data

Community	Population and Dwelling Count			Housing			Labour			
	Population 2021 (No.)	Population Change from Last Census (2016) (%)	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	37645	4.7	8.8	14752	96.8	\$ 384,000	20595	70.2	10.3	Health care and social assistance (10.0%) Retail Trade (11.6%) Construction (14.4%)
Town of Stony Plain	17993	4.7	7.8	7475	95.4	\$ 368,800	8900	63.7	11.3	Construction (13.9%) Retail Trade (10.7%) Health care and social assistance (12.1%)
Village of Wabamun	644	-5.2	14.8	299	90.3	\$ 256,000	340	52.3	19.1	Construction (17.6%) Retail Trade (8.8%) Manufacturing (8.8%)
Yellowhead County	10426	-0.5	8.4	4859	85.6	\$ 424,800	5220	62	11.7	Mining, quarrying, and oil and gas extraction (15.0%) Construction (10.3%) Agriculture, forestry, fishing and hunting (13.5%)
Town of Edson	8374	-0.7	10.3	3768	89.9	\$ 322,400	4625	70.1	10.9	Mining, quarrying, and oil and gas extraction (18.7%) Retail trade (13.0%) Health care and social assistance (11.1%)
Town of Hinton	9817	-1.6	13.5	4405	90.9	\$ 336,800	5460	69.3	12	Mining, quarrying, and oil and gas extraction (10.7%) Manufacturing (11.7%) Retail trade (13.6%)
Parkland County	32205	8.0	6.7	13544	88.0	\$ 560,500	17135	65.1	9.8	Construction (15.8%) Retail Trade (9.8%) Health care and social assistance (8.8%)
Stony Plain IR 135*	1825	71.2	87.1	610	94.8	n/a	655	50.4	17.6	Retail Trade (8.4%) Healthcare and social assistance (11.4%) Construction (9.9%)

* temporary site location

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 118,000 with a labour force of over 62,000, with a wider regional population of over 280,000 and regional labour force of over 195,000. There is other development in the region occurring, totaling over \$23.0 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	Jan-23	The total population was 280,800, which is a 0.6% increase from October 2022.					
Labour Force							
Labour force size (No.):							
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Jan-23	The labour force size was 195,300, which is a 1.6% increase from October 2022.					
Participation Rate (%)							
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Jan-23	The participation rate was 69.6%, which is higher than the participation rate reported in October 2022 (68.9%).					
Unemployment Rate (%)							
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Jan-23	The unemployment rate was 5.2%, which is lower than the unemployment rate reported in October 2022 (5.7%).					
Major projects (\$ capital investment)	Feb-23	Eight major projects were identified as under construction in the Yellowhead Region, with a total capital cost of approximately \$23.0 billion . Key projects with large (>\$1 billion) capital costs include the Cascade Power Project and the Trans Mountain Pipeline Expansion.					
Accommodation							
Rental vacancy rates (%)							
City of Spruce Grove	2022	The vacancy rate was 1.7% in private apartments.					
Town of Stony Plain	2022	The vacancy rate was 4.2% in private apartments.					
Town of Edson	2022	The vacancy rate was 4.3% in private apartments.					
Town of Hinton	2022	The vacancy rate was 10.5% in private apartments.					
Rent by rental type (\$/month, by unit type)							
City of Spruce Grove	2022	The average rents for a private apartment range from \$1,111 for a 1 bedroom, to \$1,276 for 2 bedroom.					
Town of Stony Plain	2022	The average rents for a private apartment range from \$1,080 for a 1 bedroom, to \$1,331 for 3 bedroom +.					
Town of Edson	2022	The average rents for a private apartment range from \$800 for a bachelor, to \$1,213 for 3 bedroom +.					
Town of Hinton	2022	The average rents for a private apartment range from \$748 for a bachelor, to \$1,057 for 3 bedroom +.					
Crime/Policing							
Incident Category		Rate per 1,000 population, by Police Service Area					
		Spruce Grove RCMP, municipal	Stony Plain RCMP, municipal	Stony Plain RCMP, rural	Edson RCMP, municipal	Edson RCMP, rural	Hinton RCMP, rural
Total violent Criminal Code Violations	2021	14.4	15.7	18.1	27.7	8.9	n/a
Sexual assault, level 1, 2 and 3	2021	0.909	0.817	0.865	1.75	0.808	n/a
Total commodification of sexual activity violations	2021	n/a	n/a	n/a	n/a	n/a	n/a
Total Property Crime Violations	2021	41.5	33.7	42.4	80.5	48	n/a
Total Other Criminal Code Violation (Except Traffic)	2021	10.1	35.9	11.3	21.6	7.3	n/a
Total prostitution	2021	0.000	0.000	0.000	0.000	0.000	n/a
Total Criminal Code Traffic Violations	2021	2	1.4	3.6	4.6	3.4	n/a
Total Drug Violations	2021	1.7	1.7	1.4	1.6	0.8	n/a

Context Indicator	Date	Data Description
Traffic		
Annual Average Daily Traffic (AADT) – Location 51604259, Highway 16	Jan-23	The two-way AADT at this traffic count site was 46,183 in January 2023. From the staging area, Project vehicles may travel east on Highway 16 to access the TUC.
Annual Average Daily Traffic – Location 51604019, Highway 16	Jan-23	The two-way AADT at this traffic count site was 21,027 in January 2023. From the staging area, Project vehicles may travel west on Highway 16 to access construction sites.
Annual Average Daily Traffic – Location 50160610, Highway 16	Jan-23	The two-way AADT at this traffic count site was 6,592 in January 2023. 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	Jan-23	The two-way AADT at this traffic count site was 8,572 in January 2023. 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	2023 (as of April 13th)	67,658 (confirmed cases)
Amoebiasis	2021	0 (0 per 100,000)
Campylobacteriosis	2021	87 (18.33 per 100,000)
Cryptosporidiosis	2021	5 (1.05 per 100,000)
E. Coli	2021	18 (3.79 per 100,000)
Giardiasis	2021	14 (2.95 per 100,000)
Haemophilus Influenzae-NonSerotype B Invasive	2021	7 (1.47 per 100,000)
Hepatitis A	2021	2 (0.42 per 100,000)
Hepatitis B Acute Cases	2021	0 (0 per 100,000)
Hepatitis B Carrier Status Unknown	2021	1 (0.21 per 100,000)
Hepatitis B Chronic Carriers	2021	26 (5.48 per 100,000)
Hepatitis C Chronic Carriers	2021	66 (13.9 per 100,000)
Malaria	2021	1 (0.21 per 100,000)
Meningococcal Disease (Invasive)	2021	6 (1.25 per 100,000)
Mumps	2021	0 (0 per 100,000)
Pertussis	2021	0 (0 per 100,000)
Pneumococcal Disease (Invasive)	2021	56 (11.8 per 100,000)
Salmonellosis	2021	58 (12.22 per 100,000)
Shigellosis	2021	2 (0.42 per 100,000)
Streptococcal Disease-Group A (Invasive/Severe)	2021	49 (10.32 per 100,000)
Chlamydia	2021	1,245 (541.39 per 100,000)
Gonorrhoea	2021	340 (147.85 per 100,000)
Infectious Syphilis	2021	343 (149.15 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
COVID-19 numbers reflects change in government reporting; no longer reporting active cases.

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

References

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- Statistics Canada. 2020. Table 35-10-0183-01 Incident-based crime statistics, by detailed violations, police services in Alberta. Accessed: February 2023.
- Statistics Canada. 2023. Table 14-10-0293-01 Labour force characteristics by economic region, three-month moving average, unadjusted for seasonality, last 5 months. Accessed: February 2023.