

Annex 1: Socio-Economic Context Indicators - Yellowhead Region

As of March 31, 2022

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) 2022 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	389146	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	370315	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%)
Stony Plain IR 135*	1690	71.2	91.12	576	80.73	n/a	740	64.1	17.6	Public Administration (17.6%), Healthcare and social assistance (12.2%), Construction (11.5%), Arts, Entertainment and Recreation (11.5%)

* 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 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 180,000. There is other development in the region occurring, totaling over \$23.1 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	Feb-22	The total population was 275,500, which is a 0.2% increase from November 2021.					
Labour Force							
Labour force size (No.):							
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Feb-22	The labour force size was 194,500, which is a 3.1% decrease from November 2021.					
Participation Rate (%)							
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Feb-22	The participation rate was 70.6%, which is higher than the participation rate reported in November 2021 (68.6%).					
Unemployment Rate (%)							
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River Economic Region	Feb-22	The unemployment rate was 5.2%, which is lower than the unemployment rate reported in November 2021 (6.7%).					
Major projects (\$ capital investment)	Feb-22	Nine major projects were identified as under construction in the Yellowhead Region, with a total capital cost of approximately \$23.1 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	2020	The vacancy rate was 4.1% in private apartments.					
Town of Stony Plain	2020	The vacancy rate was 4.1% in private apartments.					
Town of Edson	2021	The vacancy rate was 1.6% in private apartments.					
Town of Hinton	2021	The vacancy rate was 12.1% in private apartments.					
Rent by rental type (\$/month, by unit type)							
City of Spruce Grove	2020	The average rents for a private apartment range from \$1,033 for a 1 bedroom, to \$1,135 for 3 bedroom +.					
Town of Stony Plain	2020	The average rents for a private apartment range from \$1,012 for a 1 bedroom, to \$1,316 for 3 bedroom +.					
Town of Edson	2021	The average rents for a private apartment range from \$780 for a bachelor, to \$1,194 for 3 bedroom +.					
Town of Hinton	2021	The average rents for a private apartment range from \$741 for a bachelor, to \$991 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	2020	13	15	17.7	29.1	8.8	n/a
Sexual assault, level 1, 2 and 3	2020	0.616	0.746	0.701	1.2	0.413	n/a
Total commodification of sexual activity violations	2020	0.000	0.000	0.023	0.000	0.000	n/a
Total Property Crime Violations	2020	41.5	44.2	47.0	88.7	52.7	n/a
Total Other Criminal Code Violation (Except Traffic)	2020	12.4	34.1	13.3	25.5	7	n/a
Total prostitution	2020	0.000	0.000	0.000	0.000	0.000	n/a
Total Criminal Code Traffic Violations	2020	0.4	0.4	0.9	0.5	0.7	n/a
Total Drug Violations	2020	2.4	1.9	2.2	3.7	1.2	n/a

Context Indicator	Date	Data Description
Traffic		
Annual Average Daily Traffic (AADT) – Location 51604259, Highway 16	Jan-22	The two-way AADT at this traffic count site was 40,425 in January 2022. From the staging area, Project vehicles may travel east on Highway 16 to access the TUC.
Annual Average Daily Traffic – Location 51604019, Highway 16	Dec-21	The two-way AADT at this traffic count site was 20,322 in December 2021. 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-22	The two-way AADT at this traffic count site was 6,622 in January 2022. 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-22	The two-way AADT at this traffic count site was 8,208 in January 2022. 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	2022 (as of March 28th)	60,102 (confirmed cases)
Amoebiasis	2020	3 (0.62 per 100,000)
Campylobacteriosis	2020	106 (22.04 per 100,000)
Cryptosporidiosis	2020	7 (1.46 per 100,000)
E.Coli	2020	14 (2.91 per 100,000)
Giardiasis	2020	26 (5.41 per 100,000)
Haemophilus Influenzae-NonSerotype B Invasive	2020	5 (1.04 per 100,000)
Hepatitis A	2020	1 (0.21 per 100,000)
Hepatitis B Acute Cases	2020	6 (1.25 per 100,000)
Hepatitis B Carrier Status Unknown	2020	17 (3.53 per 100,000)
Hepatitis B Chronic Carriers	2020	1 (0.21 per 100,000)
Hepatitis C Acute Cases	2020	16 (3.33 per 100,000)
Hepatitis C Carrier Status Unknown	2020	63 (13.1 per 100,000)
Hepatitis C Chronic Carriers	2020	1 (0.21 per 100,000)
Malaria	2020	1 (0.21 per 100,000)
Meningococcal Disease (Invasive)	2020	6 (1.25 per 100,000)
Mumps	2020	2 (0.42 per 100,000)
Pertussis	2020	51 (10.6 per 100,000)
Pneumococcal Disease (Invasive)	2020	32 (6.65 per 100,000)
Salmonellosis	2020	81 (16.84 per 100,000)
Shigellosis	2020	2 (0.42 per 100,000)
Streptococcal Disease-Group A (Invasive/Severe)	2020	53 (11.02 per 100,000)
Varicella (Chickenpox)	2020	1 (0.21 per 100,000)
Chlamydia	2020	2,060 (319.09 per 100,000)
Gonorrhoea	2020	707 (110.65 per 100,000)
Infectious Syphilis	2020	603 (56.74 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.
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

- Alberta Transportation. 2022. Traffic Volumes at Points on the Highway Network. Website: Accessed: February 2022.
- Government of Alberta. 2022. Alberta Major Projects List. Website: <http://majorprojects.alberta.ca/>. Accessed: February 2022.
- Government of Alberta. 2021. 2021 Apartment Vacancy and Rental Cost Survey. 163pp.
- Government of Alberta. 2021. Interactive Health Data Application [electronic database]. Retrieved from http://www.ahw.gov.ab.ca/IHDA_Retrieval/. Accessed: February 2022.
- Government of Alberta. 2022. Cases in Alberta. Website: <https://www.alberta.ca/covid-19-alberta-data.aspx>. Accessed: March 2022.
- Government of Canada. 2021. Canada Mortgage and Housing Corporation. Rental Market Report, 2020 Edition. Edmonton CMA, Data tables.
Website: <https://www.cmhc-schl.gc.ca/en/professionals/housing-markets-data-and-research/housing-data/data-tables/rental-market/rental-market-report-data-tables>. Accessed February 2022.
- 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. 2020. Table 35-10-0183-01 Incident-based crime statistics, by detailed violations, police services in Alberta. Accessed: February 2022.
- Statistics Canada. 2022. Table 14-10-0293-01 Labour force characteristics by economic region, three-month moving average, unadjusted for seasonality, last 5 months. Accessed: February 2022.