

## Trans Mountain Expansion Project

### Annex 1: Socio-Economic Context Indicators - Greater Edmonton Region

As of March 31, 2021

Based on government and public sources



#### Introduction

This report presents the context indicators associated with the TMEP Greater Edmonton Region, updated to reflect the January to March (Q1) 2021 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 (2016)

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)
Strathcona County	98044	6.0	4.0	36354	97.8	\$ 511,612	56545	72.1	6.5	Construction (12.3%) Health care and social assistance (10.9%) Retail Trade (10.1%)
City of Edmonton	932546	14.8	5.4	387950	93.0	\$ 424,715	537755	71.8	8.8	Health care and social assistance (12.1%) Retail Trade (11.3%) Construction (10.7%)
Edmonton Census Metropolitan Area (wider Edmonton region)	1,321,426	13.9	5.9	537634	93.4	\$ 437,490	758275	71.9	8.5	Construction (11.8%) Health care and social assistance (11.6%) Retail Trade (11.2%)

#### Context Indicators

In this region, the Project is occurring in a large metropolitan area with a regional population of over 1.2 million and a labour force of over 800,000 workers. There is extensive other development in the region, with approximately \$28.6 billion of capital projects under construction. The current and anticipated Project workforce is small in the context of this region.

Context Indicator	Date	Data Description
<b>Population</b>		
<b>Population (No.)</b>		
Edmonton Economic Region	Dec-20	The total population was 1,240,500 which is a 0.2% increase from October 2020.
Edmonton Census Metropolitan Area	Dec-20	The total population was 1,217,800 which is a 0.3% increase from October 2020.
<b>Labour Force</b>		
<b>Labour force size (No.):</b>		
Edmonton Economic Region	Dec-20	The labour force size was 850,000, which is a 0.3% increase from October 2020.
Edmonton Census Metropolitan Area	Dec-20	The labour force size was 834,400, which is a 0.5% increase from October 2020.
<b>Participation Rate (%)</b>		
Edmonton Economic Region	Dec-20	The participation rate was 68.5%, which is the same as the participation rate reported in October 2020.
Edmonton Census Metropolitan Area	Dec-20	The participation rate was 68.5%, which is higher than the participation rate reported in October 2020 (68.4%).
<b>Unemployment Rate (%)</b>		
Edmonton Economic Region	Dec-20	The unemployment rate was 10.4%, which is lower than the unemployment rate reported in October 2020 (11.6%).
Edmonton Census Metropolitan Area	Dec-20	The unemployment rate was 10.5%, which is lower than the unemployment rate reported in October 2020 (11.7%).

Major projects (\$ capital investment)	Mar-21	In the communities in the Edmonton Region, 123 major projects were identified as under construction, with a total capital cost of approximately <b>\$28.6 billion</b> . The projects are located throughout the Edmonton Region. Key projects with large (>\$1 billion) capital costs include the Trans Mountain Pipeline Expansion, Valley Line Southeast LRT, Yellowhead Trail Freeway Conversion, Fibre-Optic Internet, Inter Pipeline Integrated Propane Dehydrogenation and Propylene Facility and Telus Infrastructure Upgrades (province wide).	
Accommodation			
Rental vacancy rates (%)			
Strathcona County	2020	The vacancy rate was 5.0% in private apartments.	
City of Edmonton	2020	The vacancy rate was 7.5% in private apartments.	
Rent by rental type (\$/month, by unit type)			
Strathcona County	2020	The average rents for a private apartment range from \$1,261 for a 1 bedroom, to \$1,358 for 3 bedroom +.	
City of Edmonton	2020	The average rents for a private apartment range from \$883 for a bachelor, to \$1,389 for 3 bedroom +.	
Crime/Policing			
Incident Category		Rate per 1,000 population, by Police Service	
		Strathcona County RCMP, rural	Edmonton Municipal
Total violent Criminal Code Violations	2019	6.3	12.9
Sexual assault, level 1, 2 and 3	2019	0.31	1.042
Total commodification of sexual activity violations	2019	n/a	n/a
Total Property Crime Violations	2019	23	64.1
Total Other Criminal Code Violation (Except Traffic)	2019	4.1	24.9
Total prostitution	2019	0.000	0.007
Total Criminal Code Traffic Violations	2019	4.7	2.9
Total Drug Violations	2019	0.8	1.6
Traffic			
AADT Count – Location 52160630, Highway 216 (Transportation Utility Corridor [TUC])	Feb-21	The two-way MADT at this traffic count site was 61,821 in February 2021. From the staging area, Project vehicles may travel along the TUC to access construction sites.	
Communicable Diseases			
Disease	Surveillance Date	No. of Cases	
		Edmonton Health Zone	
Coronavirus - COVID 19	2021 (as of April 13)	3,717 (active cases) 60,679 (confirmed cases)	
Amoebiasis	2019	16 (1.13 per 100, 000)	
Campylobacteriosis	2019	243 (17.09 per 100, 000)	
Cryptosporidiosis	2019	13 (0.91 per 100, 000)	
E.Coli	2019	102 (7.17 per 100, 000)	
Giardiasis	2019	81 (5.7 per 100, 000)	
Haemophilus Influenzae-NonSerotype B Invasive	2019	15 (1.06 per 100, 000)	
Hepatitis A	2019	20 (1.41 per 100, 000)	
Hepatitis B Acute Cases	2019	13 (0.91 per 100, 000)	
Hepatitis B Carrier Status Unknown	2019	14 (0.98 per 100, 000)	
Hepatitis B Chronic Carriers	2019	248 (17.44 per 100, 000)	
Hepatitis C Acute Cases	2019	47 (3.31 per 100, 000)	
Hepatitis C Carrier Status Unknown	2019	7 (0.49 per 100, 000)	
Hepatitis C Chronic Carriers	2019	393 (27.64 per 100, 000)	
Malaria	2019	39 (2.74 per 100, 000)	
Meningococcal Disease (Invasive)	2019	6 (0.42 per 100, 000)	
Mumps	2019	13 (0.91 per 100, 000)	
Pertussis	2019	69 (4.85 per 100, 000)	
Pneumococcal Disease (Invasive)	2019	146 (10.27 per 100, 000)	
Salmonellosis	2019	244 (17.16 per 100, 000)	
Shigellosis	2019	42 (2.95 per 100, 000)	
Streptococcal Disease-Group A (Invasive/Severe)	2019	154 (10.83 per 100, 000)	
Varicella (Chickenpox)	2019	1 (0.07 per 100, 000)	
Chlamydia	2019	6,213 (437.00 per 100,000)	
Gonorrhea	2019	2,314 (162.76 per 100,000)	
Infectious Svhilis	2019	1,432 (100.72 per 100,000)	

## Methodology and Notes

Notes:

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. 2021. Traffic Volumes at Points on the Highway Network. Website: Accessed: February 2021.
- Government of Alberta. 2021. Alberta Major Projects List. Website: <http://majorprojects.alberta.ca/>. Accessed: February 2021.
- Government of Alberta. 2019. Interactive Health Data Application [electronic database]. Retrieved from [http://www.ahw.gov.ab.ca/IHDA\\_Retrieval/](http://www.ahw.gov.ab.ca/IHDA_Retrieval/). Accessed: February 2021.
- Government of Alberta. 2021. Cases in Alberta. Website: <https://www.alberta.ca/covid-19-alberta-data.aspx#toc-1>. Accessed April 2021.
- Government of Canada. 2019. Canadian Mortgage and Housing Corporation: Rental Market Report Edmonton CMA. Excel tables.
- 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. 2019. Table 35-10-0183-01 Incident-based crime statistics, by detailed violations, police services in Alberta. Accessed: February 2021.
- Statistics Canada. 2020. Table 14-10-0293-01 Labour force characteristics by economic region, three-month moving average, unadjusted for seasonality, last 5 months. Accessed: February 2021.