

## Trans Mountain Expansion Project

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

As of December 31, 2019

Based on government and public sources



#### Introduction

This report presents the context indicators associated with the TMEP Greater Edmonton Region, updated to reflect the October to December (Q4) 2019 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)
Strathcona County	98044	6.0	4	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	\$ 424,715	537755	71.8	8.8	Health care and social assistance (12.1%) Retail Trade (11.3%) Construction (10.7%)

#### Context Indicators

In this region, the Project is occurring in a large metropolitan area with a regional population of over 1 million and a labour force of about 600,000 workers. There is extensive other development in the region, with approximately \$36 billion of other 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>		
Population (No.)		
Edmonton Economic Region	Oct-19	The total population was 1,216,300 which is a 4.0% increase from September 2017.
Edmonton Census Metropolitan Area	Oct-19	The total population was 1,192,400 which is a 4.5% increase from September 2017.
<b>Labour Force</b>		
Labour force size (No.):		
Edmonton Economic Region	Oct-19	The labour force size was 863,700, which is a 0.8% increase from September 2017.
Edmonton Census Metropolitan Area	Oct-19	The labour force size was 849,900, which is a 1.3% increase from September 2017.
Participation Rate (%)		
Edmonton Economic Region	Oct-19	The participation rate was 71.0%, which is lower than the participation rate reported in September 2017 (73.4%).
Edmonton Census Metropolitan Area	Oct-19	The participation rate was 71.3%, which is lower than the participation rate reported in September 2017 (73.5%).
Unemployment Rate (%)		
Edmonton Economic Region	Oct-19	The unemployment rate was 6.9%, which is lower than the unemployment rate reported in September 2017 (8.7%).
Edmonton Census Metropolitan Area	Oct-19	The unemployment rate was 6.9%, which is lower than the unemployment rate reported in September 2017 (8.8%).
Major projects (\$ capital investment)	Nov-19	In the communities in the Edmonton Region, 148 major projects were identified as under construction, with a total capital cost of approximately <b>\$36 billion</b> . The projects are located throughout the Edmonton Region. Key projects with large (>\$1 billion) capital costs include the Blachford Field Redevelopment, Valley Line Southeast LRT, Integrated Propane Dehydrogenation and Polypropylene Plant, 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	2018	The vacancy rate was 6.5% in private apartments.		
City of Edmonton	2018	The vacancy rate was 5.3% in private apartments.		
Rent by rental type (\$/month, by unit type)				
Strathcona County	2018	The average rents for a private apartment range from \$1,227 for a 1 bedroom, to \$1,381 for 2 bedroom.		
City of Edmonton	2018	The average rents for a private apartment range from \$866 for a bachelor, to \$1,379 for 3 bedroom +.		
Crime/Policing				
Incident Category		Rate per 1,000 population, by Police		
		Strathcona County RCMP, rural	Edmonton Municipal	
Total violent Criminal Code Violations	2018	0.7	13	
Sexual assault, level 1, 2 and 3	2018	0.5	1	
Total commodification of sexual activity violations	2018	0.000	0.156	
Total Property Crime Violations	2018	31.7	57.4	
Total Other Criminal Code Violation (Except Traffic)	2018	5.9	28.6	
Total prostitution	2018	0.000	0.007	
Total Criminal Code Traffic Violations	2018	6.1	3.1	
Total Drug Violations	2018	2.2	2.6	
Traffic				
AADT Count – Location 52160630, Highway 216 (Transportation Utility Corridor [TUC])	Sep-19	The two-way MADT at this traffic count site was 87,252 in September 2019. 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		
Amoebiasis	2017	30 cases (2.17 per 100,000)		
Campylobacteriosis	2017	230 cases (16.63 per 100,000)		
Cryptosporidiosis	2017	13 cases (0.94 per 100,000)		
E.Coli	2017	27 cases (1.95 per 100,000)		
Giardiasis	2017	79 cases (5.71 per 100,000)		
Haemophilus Influenzae-NonSerotype B Invasive	2017	12 cases (0.87 per 100,000)		
Hepatitis A	2017	17 cases (1.23 per 100,000)		
Hepatitis B Acute Cases	2017	12 cases (0.87 per 100,000)		
Hepatitis B Carrier Status Unknown	2017	2 cases (0.14 per 100,000)		
Hepatitis B Chronic Carriers	2017	306 cases (22.13 per 100,000)		
Hepatitis C Acute Cases	2017	55 cases (3.98 per 100,000)		
Hepatitis C Carrier Status Unknown	2017	4 cases (0.29 per 100,000)		
Hepatitis C Chronic Carriers	2017	503 cases (36.37 per 100,000)		
Malaria	2017	35 cases (2.53 per 100,000)		
Meningococcal Disease (Invasive)	2017	2 cases (0.14 per 100,000)		
Mumps	2016	2 cases (0.15 per 100,000)		
Pertussis	2017	137 cases (9.91 per 100,000)		
Pneumococcal Disease (Invasive)	2017	151 cases (10.92 per 100,000)		
Salmonellosis	2017	385 cases (27.84 per 100,000)		
Shigellosis	2017	31 cases (2.24 per 100,000)		
Streptococcal Disease-Group A (Invasive/Severe)	2017	157 cases (11.35 per 100,000)		
Varicella (Chickenpox)	2016	90 cases (6.6 per 100,000)		
Chlamydia	2018	6,131 cases (439.16 per 100,000)		
Gonorrhea	2018	2,297 cases (164.53 per 100,000)		
Infectious Syphilis	2018	977 cases (69.98 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. 2019. Traffic Volumes at Points on the Highway Network. Website: Accessed: October 2019.

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Government of Alberta. 2017. 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: October 2019.

Government of Canada. 2018. Canadian Mortgage and Housing Corporation: Rental Market Report Edmonton CMA. 38pp.

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.

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