

Trans Mountain Expansion Project

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

As of March 31, 2020

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) 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)
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
Population		
Population (No.)		
Edmonton Economic Region	Jan-20	The total population was 1,222,700 which is a 0.5% increase from October 2019.
Edmonton Census Metropolitan Area	Jan-20	The total population was 1,199,000 which is a 0.5% increase from October 2019.
Labour Force		
Labour force size (No.):		
Edmonton Economic Region	Jan-20	The labour force size was 868,900, which is a 0.6% increase from October 2019.
Edmonton Census Metropolitan Area	Jan-20	The labour force size was 855,200, which is a 0.6% increase from October 2019.
Participation Rate (%)		
Edmonton Economic Region	Jan-20	The participation rate was 71.1%, which is higher than the participation rate reported in October 2019 (71.0%).
Edmonton Census Metropolitan Area	Jan-20	The participation rate was 71.3%, which is the same as the participation rate reported in October 2019 (71.3%).
Unemployment Rate (%)		
Edmonton Economic Region	Jan-20	The unemployment rate was 7.9%, which is lower than the unemployment rate reported in October 2019 (6.9%).
Edmonton Census Metropolitan Area	Jan-20	The unemployment rate was 7.9%, which is lower than the unemployment rate reported in October 2019 (6.9%).
Major projects (\$ capital investment)	Feb-20	In the communities in the Edmonton Region, 126 major projects were identified as under construction, with a total capital cost of approximately \$29 billion . The projects are located throughout the Edmonton Region. Key projects with large (>\$1 billion) capital costs include the 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	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 Service	
		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])	Jan-20	The two-way MADT at this traffic count site was 72,699 in January 2020. 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	2020 (as of May 2)	501	
Amoebiasis	2018	33 (2.36 per 100,000)	
Campylobacteriosis	2018	253 (18.12 per 100,000)	
Cryptosporidiosis	2018	18 (1.29 per 100,000)	
E.Coli	2018	129 (9.24 per 100,000)	
Giardiasis	2018	79 (5.66 per 100,000)	
Haemophilus Influenzae-NonSerotype B Invasive	2018	18 (1.29 per 100,000)	
Hepatitis A	2018	18 (1.29 per 100,000)	
Hepatitis B Acute Cases	2018	12 (0.86 per 100,000)	
Hepatitis B Carrier Status Unknown	2018	3 (0.21 per 100,000)	
Hepatitis B Chronic Carriers	2018	262 (18.77 per 100,000)	
Hepatitis C Acute Cases	2018	45 (3.22 per 100,000)	
Hepatitis C Carrier Status Unknown	2018	1 (0.07 per 100,000)	
Hepatitis C Chronic Carriers	2018	432 (30.94 per 100,000)	
Malaria	2018	42 (3.01 per 100,000)	
Meningococcal Disease (Invasive)	2018	8 (0.57 per 100,000)	
Mumps	2018	13 (0.93 per 100,000)	
Pertussis	2018	65 (4.66 per 100,000)	
Pneumococcal Disease (Invasive)	2018	158 (11.32 per 100,000)	
Salmonellosis	2018	302 (21.62 per 100,000)	
Shigellosis	2018	32 (2.29 per 100,000)	
Streptococcal Disease-Group A (Invasive/Severe)	2018	122 (8.74 per 100,000)	
Varicella (Chickenpox)	2018	5 (0.36 per 100,000)	
Chlamydia	2018	6,131 (439.16 per 100,000)	
Gonorrhea	2018	2,297 (164.53 per 100,000)	
Infectious Syphilis	2018	977 (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. 2020. Traffic Volumes at Points on the Highway Network. Website: Accessed: January 2020.
- Government of Alberta. 2020. Alberta Major Projects List. Website: <http://majorprojects.alberta.ca/>. Accessed: February 2020.
- Government of Alberta. 2018. Interactive Health Data Application [electronic database]. Retrieved from http://www.ahw.gov.ab.ca/IHDA_Retrieval/. Accessed: February 2020.
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- 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.
- Statistics Canada. 2018. Table 35-10-0183-01 Incident-based crime statistics, by detailed violations, police services in Alberta. Accessed: October 2019.
- 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: January 2020.