

The Economic Impact of Canadian Baseball Hall of Fame Capital Investment in RTO 4 in 2017

**This report was generated by
the Ontario Ministry of Tourism, Culture and Sport TREIM model.**

September 4, 2015

Note: The Ministry of Tourism, Culture and Sport does not take any responsibility for inputs that the user has provided, nor for the interpretation of the results.

1. Introduction

This report provides an estimate of the economic impact that Canadian Baseball Hall of Fame Capital Investment is expected to have on Ontario's economy, in terms of Gross Domestic Product, employment and taxes generated. The analysis is based on the following information the user has provided to the MTCS Tourism Regional Economic Impact Model:

Investment by category for Canadian Baseball Hall of Fame Capital Investment in a facility (operation) type of Recreation & Entertainment:

Buildings and Renovations	\$3,500,000
Machinery and Equipment	\$135,000
Furniture and Fixtures	\$0
Transportation Equipment	\$0
Other Supplies	\$1,365,000
Other Services	\$1,000,000
Total	\$6,000,000

The user also has selected the following parameters:

- The investment takes place in RTO 4 in 2017
- The impact is to be shown for RTO 4 and for Rest of Ontario
- Induced impacts of household spending are included
- Induced impacts of business investment are included
- The economic environment is as follows:

Baseline	2013	2014	2015	2016	2017
Ontario Real GDP (%change)	2.25%	1.81%	2.14%	2.46%	2.39%
Ontario CPI (%change)	1.69%	2.10%	2.01%	1.83%	2.10%
Ontario Population (%change)	0.73%	0.69%	0.77%	0.96%	1.00%
Ontario Unemployment Rate	7.35%	7.24%	6.89%	6.63%	6.51%
Government of Canada 3 month T-Bill Rate	1.10%	2.52%	2.91%	3.80%	4.13%

2. Summary of Findings

Table 1. Economic Impacts of Canadian Baseball Hall of Fame Capital Investment in RTO 4 in 2017 (in dollars)

	RTO 4	Rest of Ontario
Total Capital Spending	\$ 6,000,000	
Gross Domestic Product (GDP)		
Direct	\$ 2,295,862	\$ 223,724
Indirect	\$ 450,878	\$ 454,007
Induced	\$ 663,883	\$ 462,573
Total	\$ 3,410,624	\$ 1,140,303
Labour Income		
Direct	\$ 1,715,764	\$ 162,151
Indirect	\$ 333,553	\$ 332,490
Induced	\$ 433,982	\$ 326,515
Total	\$ 2,483,299	\$ 821,155
Employment (Jobs)		
Direct	21	2
Indirect	5	5
Induced	6	5
Total	33	12
Direct Taxes		
Federal	\$ 460,624	\$ 41,551
Provincial	\$ 424,497	\$ 32,011
Municipal	\$ 97,190	\$ 410
Total	\$ 982,311	\$ 73,972
Total Taxes		
Federal	\$ 759,120	\$ 215,672
Provincial	\$ 601,720	\$ 167,568
Municipal	\$ 103,820	\$ 3,393
Total	\$ 1,464,660	\$ 386,633

Table 2. Economic Impacts of Canadian Baseball Hall of Fame Capital Investment in RTO 4 on GDP by industry (in dollars)

Industry	Impact on RTO 4		Impact on Rest of Ontario	
	Direct GDP	Total GDP	Direct GDP	Total GDP
Crop and Animal Production	\$ 0	\$ 6,197	\$ 0	\$ 9,304
Forestry, Fishing and Hunting	\$ 0	\$ 1,514	\$ 0	\$ 3,734
Mining and Oil and Gas Extraction	\$ 0	\$ 6,846	\$ 0	\$ 7,546
Utilities	\$ 0	\$ 20,321	\$ 0	\$ 19,542
Construction	\$ 1,681,844	\$ 1,796,045	\$ 0	\$ 34,009
Manufacturing	\$ 43,117	\$ 114,995	\$ 85,319	\$ 259,902
Wholesale Trade	\$ 1,563	\$ 95,746	\$ 2,322	\$ 86,098
Retail Trade	\$ 0	\$ 94,881	\$ 0	\$ 59,912
Other Transportation and Warehousing	\$ 0	\$ 26,878	\$ 0	\$ 36,499
Ground Passenger Transportation (excl. Rail)	\$ 0	\$ 4,158	\$ 0	\$ 4,552
Information and Cultural Industries	\$ 13,879	\$ 62,203	\$ 6,918	\$ 63,170
Other Finance, Insurance, Real Estate and Renting and Leasing	\$ 210,479	\$ 392,399	\$ 70,559	\$ 214,905
Car Renting and Leasing	\$ 0	\$ 3,877	\$ 0	\$ 4,959
Owner Occupied Housing	\$ 0	\$ 113,536	\$ 0	\$ 27,171
Professional, Scientific and Technical Services	\$ 79,395	\$ 181,787	\$ 39,573	\$ 137,808
Other Administrative and Other Support Services	\$ 35,994	\$ 80,580	\$ 17,941	\$ 60,446
Travel Agencies	\$ 0	\$ 1,955	\$ 0	\$ 3,453
Education Services	\$ 0	\$ 2,862	\$ 0	\$ 1,761
Health Care and Social Assistance	\$ 0	\$ 24,092	\$ 0	\$ 11,542
Arts, Entertainment and Recreation	\$ 0	\$ 10,339	\$ 0	\$ 9,083
Accommodation Services	\$ 0	\$ 5,123	\$ 0	\$ 6,706
Food & Beverage Services	\$ 0	\$ 13,167	\$ 0	\$ 16,267
Other Services (Except Public Administration)	\$ 0	\$ 23,128	\$ 0	\$ 18,869
Operating, Office, Cafeteria, and Laboratory Supplies	\$ 0	\$ 0	\$ 0	\$ 0
Travel & Entertainment, Advertising & Promotion	\$ 0	\$ 0	\$ 0	\$ 0
Transportation Margins	\$ 0	\$ 0	\$ 0	\$ 0
Non-Profit Institutions Serving Households	\$ 0	\$ 27,172	\$ 0	\$ 9,284
Government Sector	\$ 0	\$ 31,496	\$ 0	\$ 22,219
Net Indirect Taxes on Production	\$ 90,972	\$ 95,585	\$ 0	\$ 1,290
Total	\$ 2,295,862	\$ 3,410,624	\$ 223,724	\$ 1,140,303

Appendix:

The Economic Impact of Investment in RTO 4 and other Ontario regions: since no Ontario region is economically self-sustaining, in order to produce the goods and services demanded by its visitors, it will need to import some goods and services from other regions. As such, some of the economic benefits of the business spending in RTO 4 will spill over to other Ontario regions, such as the one you have selected as "additional". If the second column of Table 1 contains only zeros, then that means that RTO 4 does not trade with that region.

Gross Domestic Product (GDP): value of goods and services produced by labour and capital located within a country (or region), regardless of nationality of labour or ownership. This GDP is measured at market prices. Tourism GDP refers to the GDP generated in those businesses that directly produce or provide goods and services for travelers.

Direct impact: refers to the impact generated in businesses or sectors that produce or provide goods and services directly to travelers, e.g. accommodations, restaurants, recreations, travel agents, transportation and retail enterprises etc. Direct impact on GDP, employment and tax revenues is also called tourism GDP, tourism employment and tourism tax revenues.

Indirect impact: refers to the impact resulting from the expansion of demand from businesses or sectors directly produce or provide goods and services to travelers, to other businesses or sectors.

Induced impact: refers to the impact associated with the re-spending of labour income and /or profits earned in the industries that serve travelers directly and indirectly.

Employment: refers to number of jobs, include full-time, part-time, seasonal employment, as well as both employed and self-employed.

Federal tax revenues: include personal income tax, corporate income tax, commodity tax (GST/HST, gas tax, excise tax, excise duty, air tax and trading profits) and payroll deduction that collected by the federal government.

Provincial tax revenues: include personal income tax, corporate income tax, commodity tax (PST/HST, gas tax, liquor gallonage tax, amusement tax and trading profits) and employer health tax that collected by Ontario provincial government.

Municipal tax revenues: include business and personal property taxes that collected by the municipalities. Collection, however, does not follow immediately the consumption or production of goods and services in a municipality (as is the case with HST or personal income taxes). Rather, these taxes show the percent of the total property taxes collected by a municipality that can be attributed to tourism because of tourism's contribution to the economic activity of the municipality and hence its tax base.

Industry: The industry follows Statistics Canada's North America Industry Classification System (NAICS) Input-Output small aggregation industry classification.

**The Economic Impact of Canadian Baseball
Hall of Fame and Museum Visitor Spending
in RTO 4 in 2018**

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the Ontario Ministry of Tourism, Culture and Sport TREIM model**

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1. Introduction

This report provides an estimate of the economic impact that Canadian Baseball Hall of Fame and Museum Visitor Spending is expected to have on Ontario's economy, in terms of Gross Domestic Product, employment and taxes generated. The analysis is based on the following information the user has provided to the MTCS Tourism Regional Economic Impact Model:

Number of Visitors for Activity (or Event) of Type Museums & Galleries

Origin	Same Day		Overnight	
	Total Number of Visitors	Percent of Visitors' Origin	Percent of Visitors' Origin	Average Length of Stay (nights)
Ontario	19,000	75.00%	25.00%	1
Rest of Canada	2,000	50.00%	50.00%	1
USA	6,000	25.00%	75.00%	2
Overseas	0	0.00%	0.00%	0
Total	27,000			

Given that the detailed breakdown of spending by the above visitors on category, such as transportation, accommodation, etc. is not available from the user, the TREIM utilized the average expenditure of visitors in RTO 4 with characteristics closest to those provided by the user from Statistics Canada's Travel Survey of Residents of Canada and the International Travel Survey to generate the detailed spending as followings (in dollars):

Travel Services	\$0
Public Transportation	\$457,681
Private Transportation - Rental	\$49,869
Private Transportation - Operation	\$894,744
Local Transportation	\$27,975
Accommodation	\$366,234
Food & Beverage - At Stores	\$142,827
Food & Beverage - At Restaurants/Bars	\$1,750,359
Recreation & Entertainment	\$1,711,313
Retail - Clothing	\$337,911
Retail - Other	\$53,385
Total	\$5,792,298

The user also has selected the following parameters:

- The visits take place in RTO 4 in 2018
- The impact is to be shown for RTO 4 and for Rest of Ontario
- Induced impacts of household spending are included
- Induced impacts of business investment are included
- The economic environment is as follows:

Baseline	2014	2015	2016	2017	2018
Ontario Real GDP (%change)	1.81%	2.14%	2.46%	2.39%	2.26%
Ontario CPI (%change)	2.10%	2.01%	1.83%	2.10%	2.00%
Ontario Population (%change)	0.69%	0.77%	0.96%	1.00%	1.09%
Ontario Unemployment Rate	7.24%	6.89%	6.63%	6.51%	6.52%
Government of Canada 3 month T-Bill Rate	2.52%	2.91%	3.80%	4.13%	4.24%

2. Summary of Findings

Table 1. Economic Impacts of Canadian Baseball Hall of Fame and Museum Visitor Spending in RTO 4 In 2018 (in dollars)

	RTO 4	Rest of Ontario
Total Visitors' Spending	\$ 5,792,298	
Gross Domestic Product (GDP)		
Direct	\$ 2,584,055	\$ 0
Indirect	\$ 726,740	\$ 629,406
Induced	\$ 644,604	\$ 425,634
Total	\$ 3,955,399	\$ 1,055,040
Labour Income		
Direct	\$ 1,758,881	\$ 0
Indirect	\$ 532,201	\$ 471,578
Induced	\$ 418,797	\$ 303,291
Total	\$ 2,709,879	\$ 774,869
Employment (Jobs)		
Direct	49	0
Indirect	8	7
Induced	6	5
Total	63	12
Direct Taxes		
Federal	\$ 617,812	\$ 0
Provincial	\$ 656,619	\$ 0
Municipal	\$ 4,206	\$ 0
Total	\$ 1,278,636	\$ 0
Total Taxes		
Federal	\$ 1,070,781	\$ 202,760
Provincial	\$ 871,266	\$ 156,175
Municipal	\$ 10,445	\$ 3,119
Total	\$ 1,952,492	\$ 362,054

Table 2. Economic Impacts of Canadian Baseball Hall of Fame and Museum Visitor Spending in RTO 4 on GDP by industry (in dollars)

Industry	Impact on RTO 4		Impact on Rest of Ontario	
	Direct GDP	Total GDP	Direct GDP	Total GDP
Crop and Animal Production	\$ 0	\$ 9,300	\$ 0	\$ 10,503
Forestry, Fishing and Hunting	\$ 0	\$ 1,318	\$ 0	\$ 2,478
Mining and Oil and Gas Extraction	\$ 0	\$ 2,124	\$ 0	\$ 5,496
Utilities	\$ 0	\$ 38,030	\$ 0	\$ 21,690
Construction	\$ 0	\$ 105,368	\$ 0	\$ 29,942
Manufacturing	\$ 0	\$ 87,627	\$ 0	\$ 188,494
Wholesale Trade	\$ 0	\$ 110,480	\$ 0	\$ 91,999
Retail Trade	\$ 131,252	\$ 271,053	\$ 0	\$ 69,583
Other Transportation and Warehousing	\$ 228,849	\$ 283,762	\$ 0	\$ 79,346
Ground Passenger Transportation (excl. Rail)	\$ 35,213	\$ 42,162	\$ 0	\$ 5,687
Information and Cultural Industries	\$ 31,264	\$ 95,686	\$ 0	\$ 62,270
Other Finance, Insurance, Real Estate and Renting and Leasing	\$ 0	\$ 258,597	\$ 0	\$ 148,800
Car Renting and Leasing	\$ 27,478	\$ 32,559	\$ 0	\$ 5,555
Owner Occupied Housing	\$ 0	\$ 119,168	\$ 0	\$ 25,104
Professional, Scientific and Technical Services	\$ 0	\$ 89,412	\$ 0	\$ 83,422
Other Administrative and Other Support Services	\$ 0	\$ 48,407	\$ 0	\$ 38,924
Travel Agencies	\$ 0	\$ 0	\$ 0	\$ 0
Education Services	\$ 0	\$ 6,556	\$ 0	\$ 1,763
Health Care and Social Assistance	\$ 0	\$ 31,014	\$ 0	\$ 13,093
Arts, Entertainment and Recreation	\$ 637,053	\$ 654,966	\$ 0	\$ 17,875
Accommodation Services	\$ 374,377	\$ 379,965	\$ 0	\$ 31,197
Food & Beverage Services	\$ 514,502	\$ 536,334	\$ 0	\$ 55,032
Other Services (Except Public Administration)	\$ 565	\$ 40,071	\$ 0	\$ 22,887
Operating, Office, Cafeteria, and Laboratory Supplies	\$ 0	\$ 0	\$ 0	\$ 0
Travel & Entertainment, Advertising & Promotion	\$ 0	\$ 0	\$ 0	\$ 0
Transportation Margins	\$ 0	\$ 0	\$ 0	\$ 0
Non-Profit Institutions Serving Households	\$ 48,340	\$ 79,517	\$ 0	\$ 9,722
Government Sector	\$ 57,407	\$ 92,252	\$ 0	\$ 21,895
Net Indirect Taxes on Production	\$ 0	\$ 3,702	\$ 0	\$ 1,116
Total	\$ 2,584,055	\$ 3,955,399	\$ 0	\$ 1,055,040

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