

2022 U-13 BOYS TIER 3 HOCKEY PROVINCIAL CHAMPIONSHIPS ECONOMIC IMPACT ANALYSIS



**PACIFIC
SPORT**
COLUMBIA BASIN

PREPARED BY
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Executive Summary



Overview

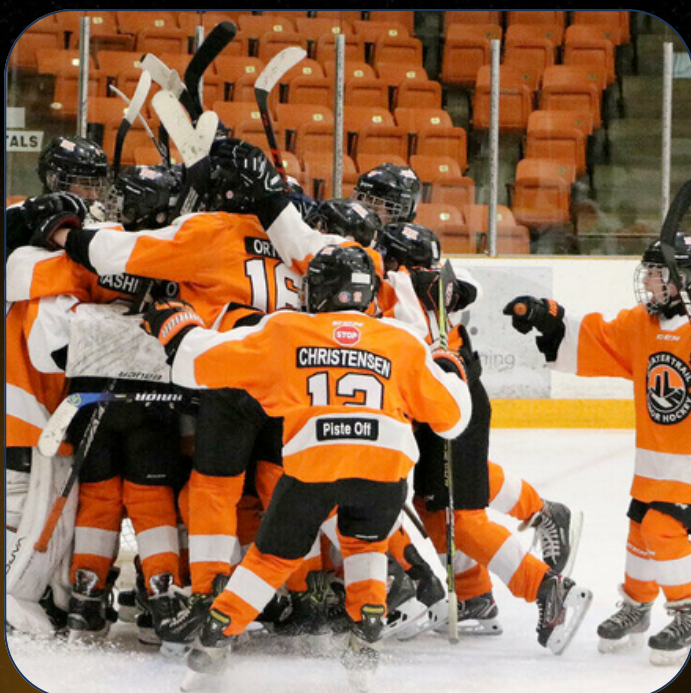
The 2022 BC Hockey U13 Tier 3 Provincials was held from March 19-March 24, 2022 at the Trail Memorial Centre and Beaver Valley Arena in Greater Trail. Ten teams competed over five (5) days: Powell River Kings, South Okanagan, Mission Stars, Whitehorse Mustangs, Castlegar Rebels, Fort St John Flyers, Cranbrook Dynamiters, Terrace Kermodes, Sunshine Coast Blues and Greater Trail Smokies.



Highlighted Results

The combined total of visitor, capital, and operational spending as a result of hosting the U-13 Hockey Provincial Championships is expected to total \$869,397 dollars.

These expenditures will support a total of \$1,046,402 of economic activity in the province, of which \$902,963 is expected to occur in Trail and surrounding area.





Highlighted Results Cont.

The Provincial Championships is expected to support wages and salaries of \$318,815 and 7.0 jobs for BC, of which 6.4 jobs and \$247,505 dollars in wages and salaries will be supported in Trail and surrounding area. The total net economic activity (GDP) supported by the event is expected to reach \$628,523 for Canada as a whole, \$506,786 for BC and \$423,123 for Trail and surrounding area.

Considerable tax revenues are also expected to be supported by this provincial championships, totalling \$226,815.

The event will support federal taxes revenues of \$226,815 with an additional \$189,398 of taxes supported in BC.



What is Economic Impact Assessment?



Economic Impact Assessment studies measures how an event impacts the local economy. It measures the changes in economic activity due to a specific event; new dollars to the region.

It is driven by 3 factors:

1. The spending of out-of-town visitors (participants and spectators) while they attend the event (s).
2. The expenditures of the event organizers in producing the event (s)
3. Capital construction costs that are directly attributed to hosting the event (s)

An Economic Impact Assessment calculates the amount of new money being spent in the host community as a direct result of hosting the event and the impact this new money has on regional, provincial and national economies.

How is Economic Impact Measured?



Sport Tourism Canada has developed a series of tools which can be utilized to predict, collect, measure and analyze event data. viaSport Columbia Basin is able to utilize their STEAM model, which was developed in partnership with the Conference Board of Canada.

STEAM is designed specifically as a predictive model to determine the expected economic impact of hosting a sport event. Sport Tourism Canada also offers STEAM PRO, in which they will work with event organizers to survey patrons of the event to measure and calculate actual spending data.

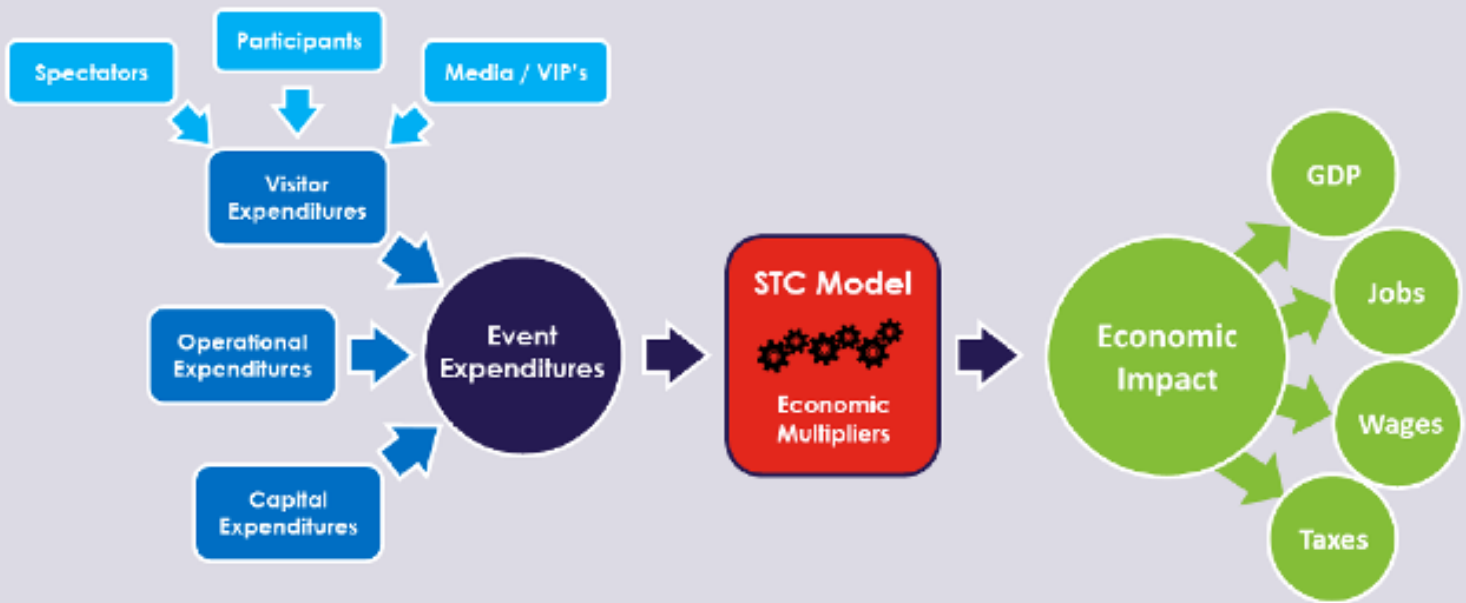
Reliability of the Model

In order to produce economic contribution assessments that are robust and reliable, STC has partnered with the Canadian Tourism Research Institute (CTRI) at the Conference Board of Canada. The CTRI serves the travel and tourism industry in providing sound economic forecasts and models with timely and insightful interpretation of data specifically relevant to travel.

The findings in this report make use of the most current and detailed input-output tables and multipliers available from Statistics Canada and leverages the credibility and robustness of sector specific tax data available from statistics Canada's Government Revenues Attributable to Tourism (GRAT) report.



HOW IT WORKS



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Data Collection

For this analysis viaSport Columbia Basin / PacificSport Columbia Basin staff met with the lead organizing volunteer for the Provincial Championships to get accurate numbers for participants, spectators, community partnerships and associated financial contributions.

Field inputs for the modeling software were mostly filled with objective / verifiable data. Conservative estimates of local activities outside of the tournament were made based on experience and in alignment with normative data from similar events.



Data and Assumptions

This report was compiled using the Canadian Sport Tourism Steam 2.0 model. It was populated with information provided by Greater Trail Minor Hockey. The data built into the Steam 2.0 model combined with estimates and real data in the table below, as well as operational budgets provided creates the economic outputs in the report

	Local	Out of Town Participants	Total	Average number of nights	Average number of day trips taken by each out of town person
Participants	40	180	220	7	
Spectators	2400	1000	3400	7	4
Media / VIP	5	3	8	7	



Economic Impact - Comprehensive Results

Table #1(A) - Economic Impact Summary - Combined Total:

	Trail	British Columbia	Canada
(Dollars)			
Initial Expenditure	\$693,213	\$693,213	\$693,213
Gross Domestic Product (at basic prices)			
Direct Impact	\$291,719	\$293,576	\$297,416
Indirect Impact	\$63,987	\$106,958	\$176,061
Induced Impact	\$67,417	\$106,251	\$155,046
Total Impact	\$423,123	\$506,786	\$628,523
Total/Direct (A)	1.45	1.73	2.11
Total/Initial (B)	0.61	0.73	0.91
Wages & Salaries			
Direct Impact	\$205,270	\$206,361	\$207,865
Indirect Impact	\$39,465	\$62,136	\$101,683
Induced Impact	\$29,770	\$50,318	\$76,129
Total Impact	\$274,505	\$318,815	\$385,677
Total/Direct (A)	1.34	1.54	1.86
Total/Initial (B)	0.40	0.46	0.56

Employment (full-year jobs)

Direct Impact	5.1	5.1	5.2
Indirect Impact	0.6	1.0	1.5
Induced Impact	0.6	0.9	1.3
Total Impact	6.4	7.0	8.0
Total/Direct (A)	1.24	1.35	1.54
Total/\$1 Million (B)	9.17	10.03	11.48

Taxes (Direct Impact)

Federal	\$63,390	\$63,565	\$64,030
Provincial	\$58,159	\$58,274	\$58,617
Municipal	\$7,056	\$7,101	\$7,162
Total	\$128,606	\$128,939	\$129,809

Taxes (Direct, Indirect and Induced Impact)

Federal	\$82,942	\$94,205	\$111,616
Provincial	\$68,120	\$80,928	\$97,115
Municipal	\$14,937	\$14,265	\$18,084
Total	\$165,999	\$189,398	\$226,815

Industry Output

Direct & Indirect	\$790,653	\$869,397	\$1,047,643
Induced Impact	\$112,310	\$177,005	\$262,949
Total Impact	\$902,963	\$1,046,402	\$1,310,591
Total/Initial (B)	1.30	1.51	1.89

Table #2 - GDP (Direct - Combined Total):

	Trail	British Columbia	Canada
(Dollars)			
Crop and Animal Production	\$116	\$116	\$169
Forestry and Logging	\$0	\$0	\$13
Fishing, Hunting and Trapping	\$14	\$14	\$14
Support Activities for Agriculture and fo	\$0	\$0	\$0
Mining and Oil and Gas Extraction	\$0	\$0	\$4
Utilities	\$0	\$0	\$0
Construction	\$0	\$0	\$0
Manufacturing	\$2,485	\$2,485	\$5,995
Wholesale Trade	\$5,945	\$5,945	\$6,174
Retail Trade	\$25,524	\$25,524	\$25,554
Transportation and Warehousing	\$5,600	\$7,456	\$7,456
Information and Cultural Industries	\$14	\$14	\$14
Finance, Insurance, Real Estate and Re	\$5,978	\$5,978	\$5,978
Professional, Scientific and Technical S	\$193	\$193	\$193
Administrative and Support, Waste Ma	\$28	\$28	\$28
Educational Services	\$0	\$0	\$0
Health Care and Social Assistance	\$0	\$0	\$0
Arts, Entertainment and Recreation	\$24,557	\$24,557	\$24,557
Accommodation and Food Services	\$220,670	\$220,670	\$220,670
Other Services (Except Public Administr	\$597	\$597	\$597
Total	\$291,719	\$293,576	\$297,416

Table #3 - GDP (Direct, Indirect - Combined Total):

	Trail	British Columbia	Canada
(Dollars)			
Crop and Animal Production	\$154	\$1,784	\$5,182
Forestry and Logging	\$13	\$141	\$281
Fishing, Hunting and Trapping	\$14	\$127	\$204
Support Activities for Agriculture and fo	\$45	\$188	\$560
Mining and Oil and Gas Extraction	\$4	\$1,603	\$8,026
Utilities	\$2	\$5,884	\$7,287
Construction	\$3,856	\$3,856	\$4,519
Manufacturing	\$2,767	\$11,378	\$28,887
Wholesale Trade	\$7,032	\$10,466	\$15,831
Retail Trade	\$31,940	\$32,748	\$34,521
Transportation and Warehousing	\$5,607	\$13,279	\$18,014
Information and Cultural Industries	\$15	\$4,319	\$7,543
Finance, Insurance, Real Estate and Re	\$27,776	\$34,444	\$46,597
Professional, Scientific and Technical S	\$9,208	\$10,344	\$16,231
Administrative and Support, Waste Ma	\$8,782	\$9,885	\$15,474
Educational Services	\$298	\$336	\$387
Health Care and Social Assistance	\$184	\$207	\$300
Arts, Entertainment and Recreation	\$26,979	\$27,285	\$28,099
Accommodation and Food Services	\$222,528	\$222,762	\$223,473
Other Services (Except Public Administr	\$8,502	\$9,499	\$12,063
Total	\$355,707	\$400,534	\$473,478

Table #4 - GDP (Direct, Indirect, Induced - Combined Total):

	Trail	British Columbia	Canada
(Dollars)			
Crop and Animal Production	\$170	\$2,453	\$6,235
Forestry and Logging	\$18	\$200	\$403
Fishing, Hunting and Trapping	\$14	\$164	\$261
Support Activities for Agriculture and fo	\$70	\$293	\$731
Mining and Oil and Gas Extraction	\$6	\$2,110	\$9,447
Utilities	\$3	\$8,487	\$10,771
Construction	\$5,530	\$5,530	\$6,742
Manufacturing	\$2,989	\$18,353	\$38,577
Wholesale Trade	\$8,000	\$14,493	\$23,522
Retail Trade	\$40,927	\$43,512	\$53,177
Transportation and Warehousing	\$5,612	\$17,943	\$25,410
Information and Cultural Industries	\$15	\$8,167	\$13,452
Finance, Insurance, Real Estate and Re	\$63,211	\$80,717	\$108,782
Professional, Scientific and Technical S	\$11,917	\$13,589	\$22,314
Administrative and Support, Waste Ma	\$10,935	\$12,464	\$20,556
Educational Services	\$698	\$814	\$997
Health Care and Social Assistance	\$2,573	\$3,069	\$3,960
Arts, Entertainment and Recreation	\$28,255	\$28,812	\$29,810
Accommodation and Food Services	\$226,942	\$228,048	\$230,204
Other Services (Except Public Administr	\$15,238	\$17,566	\$23,170
Total	\$423,123	\$506,786	\$628,523

Table #5 - Wages (Direct - Combined Total):

	Trail	British Columbia Canada	
(Dollars)			
Crop and Animal Production	\$65	\$65	\$83
Forestry and Logging	\$0	\$0	\$10
Fishing, Hunting and Trapping	\$4	\$4	\$4
Support Activities for Agriculture and fo	\$0	\$0	\$0
Mining and Oil and Gas Extraction	\$0	\$0	\$2
Utilities	\$0	\$0	\$0
Construction	\$0	\$0	\$0
Manufacturing	\$1,212	\$1,212	\$2,527
Wholesale Trade	\$3,916	\$3,916	\$4,053
Retail Trade	\$16,410	\$16,410	\$16,433
Transportation and Warehousing	\$3,291	\$4,383	\$4,383
Information and Cultural Industries	\$7	\$7	\$7
Finance, Insurance, Real Estate and Re	\$1,708	\$1,708	\$1,708
Professional, Scientific and Technical S	\$137	\$137	\$137
Administrative and Support, Waste Ma	\$17	\$17	\$17
Educational Services	\$0	\$0	\$0
Health Care and Social Assistance	\$0	\$0	\$0
Arts, Entertainment and Recreation	\$19,572	\$19,572	\$19,572
Accommodation and Food Services	\$158,441	\$158,441	\$158,441
Other Services (Except Public Administr	\$488	\$488	\$488
Total	\$205,270	\$206,361	\$207,865

Table #6 - Wages (Direct, Indirect - Combined Total):

	Trail	British Columbia	Canada
(Dollars)			
Crop and Animal Production	\$86	\$1,000	\$2,725
Forestry and Logging	\$9	\$101	\$200
Fishing, Hunting and Trapping	\$4	\$39	\$75
Support Activities for Agriculture and f	\$31	\$131	\$359
Mining and Oil and Gas Extraction	\$1	\$240	\$2,077
Utilities	\$1	\$1,559	\$2,132
Construction	\$2,338	\$2,338	\$2,763
Manufacturing	\$1,382	\$6,546	\$15,891
Wholesale Trade	\$4,655	\$6,990	\$10,218
Retail Trade	\$21,128	\$21,723	\$23,019
Transportation and Warehousing	\$3,296	\$8,108	\$11,031
Information and Cultural Industries	\$8	\$2,324	\$3,992
Finance, Insurance, Real Estate and Re	\$10,830	\$13,621	\$19,944
Professional, Scientific and Technical S	\$6,633	\$7,452	\$11,707
Administrative and Support, Waste Ma	\$6,117	\$6,886	\$10,798
Educational Services	\$234	\$264	\$306
Health Care and Social Assistance	\$110	\$124	\$175
Arts, Entertainment and Recreation	\$21,593	\$21,848	\$22,492
Accommodation and Food Services	\$159,940	\$160,129	\$160,665
Other Services (Except Public Administr	\$6,338	\$7,075	\$8,978
Total	\$244,735	\$268,497	\$309,548

Table #7 - Wages (Direct, Indirect, Induced - Combined Total):

	Trail	British Columbia	Canada
(Dollars)			
Crop and Animal Production	\$95	\$1,385	\$3,299
Forestry and Logging	\$13	\$143	\$287
Fishing, Hunting and Trapping	\$4	\$51	\$96
Support Activities for Agriculture and fo	\$49	\$205	\$473
Mining and Oil and Gas Extraction	\$1	\$315	\$2,513
Utilities	\$1	\$2,257	\$3,187
Construction	\$3,409	\$3,409	\$4,205
Manufacturing	\$1,597	\$13,324	\$24,348
Wholesale Trade	\$5,317	\$9,747	\$15,117
Retail Trade	\$27,607	\$29,482	\$36,597
Transportation and Warehousing	\$3,299	\$11,083	\$15,772
Information and Cultural Industries	\$8	\$3,819	\$6,400
Finance, Insurance, Real Estate and Re	\$17,071	\$21,770	\$32,217
Professional, Scientific and Technical S	\$8,582	\$9,786	\$16,113
Administrative and Support, Waste Ma	\$7,659	\$8,732	\$14,369
Educational Services	\$548	\$640	\$789
Health Care and Social Assistance	\$1,760	\$2,100	\$2,723
Arts, Entertainment and Recreation	\$22,548	\$22,991	\$23,781
Accommodation and Food Services	\$163,437	\$164,318	\$165,936
Other Services (Except Public Administr	\$11,499	\$13,257	\$17,455
Total	\$274,505	\$318,815	\$385,677

Table #8 - Employment (Direct - Combined Total):

	Trail	British Columbia	Canada
(Full-year jobs)			
Crop and Animal Production	0.0	0.0	0.0
Forestry and Logging	0.0	0.0	0.0
Fishing, Hunting and Trapping	0.0	0.0	0.0
Support Activities for Agriculture and fo	0.0	0.0	0.0
Mining and Oil and Gas Extraction	0.0	0.0	0.0
Utilities	0.0	0.0	0.0
Construction	0.0	0.0	0.0
Manufacturing	0.0	0.0	0.0
Wholesale Trade	0.1	0.1	0.1
Retail Trade	0.4	0.4	0.4
Transportation and Warehousing	0.1	0.1	0.1
Information and Cultural Industries	0.0	0.0	0.0
Finance, Insurance, Real Estate and Re	0.0	0.0	0.0
Professional, Scientific and Technical S	0.0	0.0	0.0
Administrative and Support, Waste Ma	0.0	0.0	0.0
Educational Services	0.0	0.0	0.0
Health Care and Social Assistance	0.0	0.0	0.0
Arts, Entertainment and Recreation	0.6	0.6	0.6
Accommodation and Food Services	4.0	4.0	4.0
Other Services (Except Public Administr	0.0	0.0	0.0
Total	5.1	5.1	5.2

Table #9 - Employment (Direct, Indirect - Combined Total):

	Trail	British Columbia	Canada
(Full-year jobs)			
Crop and Animal Production	0.0	0.0	0.1
Forestry and Logging	0.0	0.0	0.0
Fishing, Hunting and Trapping	0.0	0.0	0.0
Support Activities for Agriculture and f	0.0	0.0	0.0
Mining and Oil and Gas Extraction	0.0	0.0	0.0
Utilities	0.0	0.0	0.0
Construction	0.0	0.0	0.0
Manufacturing	0.0	0.1	0.2
Wholesale Trade	0.1	0.1	0.1
Retail Trade	0.5	0.5	0.5
Transportation and Warehousing	0.1	0.1	0.2
Information and Cultural Industries	0.0	0.0	0.1
Finance, Insurance, Real Estate and Re	0.1	0.2	0.2
Professional, Scientific and Technical S	0.1	0.1	0.1
Administrative and Support, Waste Ma	0.1	0.1	0.2
Educational Services	0.0	0.0	0.0
Health Care and Social Assistance	0.0	0.0	0.0
Arts, Entertainment and Recreation	0.6	0.6	0.6
Accommodation and Food Services	4.0	4.1	4.1
Other Services (Except Public Administr	0.1	0.1	0.1
Total	5.7	6.1	6.7

Table #10 - Employment (Direct, Indirect, Induced - Combined Total):

	Trail	British Columbia	Canada
(Full-year jobs)			
Crop and Animal Production	0.0	0.0	0.1
Forestry and Logging	0.0	0.0	0.0
Fishing, Hunting and Trapping	0.0	0.0	0.0
Support Activities for Agriculture and f	0.0	0.0	0.0
Mining and Oil and Gas Extraction	0.0	0.0	0.0
Utilities	0.0	0.0	0.0
Construction	0.0	0.0	0.0
Manufacturing	0.0	0.2	0.3
Wholesale Trade	0.1	0.1	0.2
Retail Trade	0.7	0.7	0.8
Transportation and Warehousing	0.1	0.2	0.2
Information and Cultural Industries	0.0	0.1	0.1
Finance, Insurance, Real Estate and Re	0.2	0.2	0.4
Professional, Scientific and Technical S	0.1	0.1	0.2
Administrative and Support, Waste Ma	0.2	0.2	0.3
Educational Services	0.0	0.0	0.0
Health Care and Social Assistance	0.0	0.0	0.0
Arts, Entertainment and Recreation	0.6	0.6	0.7
Accommodation and Food Services	4.2	4.2	4.2
Other Services (Except Public Administr	0.2	0.2	0.2
Total	6.4	7.0	8.0

Table #11 - Taxes (Direct - Combined Total):

(Dollars)	Trail	British Columbia	Canada
Personal Income Tax	\$18,040	\$18,136	\$18,441
Corporate Income Tax	\$6,020	\$6,059	\$6,253
Social Security Contributions	\$18,939	\$19,040	\$19,289
Other Federal and Provincial Taxes	\$8,464	\$8,518	\$8,576
Property (Personal)	\$0	\$0	\$0
Property and other Municipal Taxes	\$7,056	\$7,101	\$7,162
Federal Sales (GST/HST) and Excise Tax	\$32,278	\$32,278	\$32,278
Provincial Sales (PST/HST) and Excise Tax	\$37,809	\$37,809	\$37,809
Total	\$128,606	\$128,939	\$129,809
Federal	\$63,390	\$63,565	\$64,030
Provincial	\$58,159	\$58,274	\$58,617
Municipal	\$7,056	\$7,101	\$7,162
Total	\$128,606	\$128,939	\$129,809

Table #12 - Taxes (Direct, Indirect - Combined Total):

(Dollars)	Trail	British Columbia	Canada
Personal Income Tax	\$24,366	\$28,096	\$35,867
Corporate Income Tax	\$8,146	\$9,612	\$12,437
Social Security Contributions	\$22,448	\$24,565	\$28,791
Other Federal and Provincial Taxes	\$10,999	\$12,755	\$15,561
Property (Personal)	\$0	\$0	\$0
Property and other Municipal Taxes	\$9,516	\$11,213	\$13,502
Federal Sales (GST/HST) and Excise Tax	\$33,756	\$34,605	\$35,567
Provincial Sales (PST/HST) and Excise Tax	\$38,435	\$38,794	\$40,199
Total	\$147,666	\$159,640	\$181,924
Federal	\$73,481	\$79,791	\$90,278
Provincial	\$64,669	\$68,635	\$78,143
Municipal	\$9,516	\$11,213	\$13,502
Total	\$147,666	\$159,640	\$181,924

Table #13 - Taxes (Direct, Indirect, Induced - Combined Total):

(Dollars)	Trail	British Columbia	Canada
Personal Income Tax	\$29,090	\$36,080	\$48,393
Corporate Income Tax	\$9,813	\$12,239	\$16,420
Social Security Contributions	\$25,115	\$29,072	\$36,012
Other Federal and Provincial Taxes	\$14,667	\$18,537	\$24,092
Property (Personal)	\$0	\$0	\$0
Property and other Municipal Taxes	\$14,937	\$19,756	\$23,575
Federal Sales (GST/HST) and Excise Tax	\$32,981	\$33,296	\$35,416
Provincial Sales (PST/HST) and Excise Tax	\$39,396	\$40,419	\$42,907
Total	\$165,999	\$189,398	\$226,815
Federal	\$82,942	\$94,205	\$111,616
Provincial	\$68,120	\$80,928	\$97,115
Municipal	\$14,937	\$14,265	\$18,084
Total	\$165,999	\$189,398	\$226,815