

Image courtesy: BC Government

The Highway 17/Keating Cross Road Flyover Project is underway with a targeted completion of spring 2025, marking a major milestone in safety improvements coming for commuters on the South Island.

**Cost:** The project budget is \$76.8 million, including the provincial contribution of \$57.6 million. The Government of Canada is contributing \$16.7 million, and the District of Central Saanich will provide \$2.5 million

# BRITISH COLUMBIA MAJOR PROJECTS INVENTORY

**THIRD QUARTER 2023** 



### **TABLE OF CONTENTS**

#### **British Columbia Major Projects Inventory**

#### Third Quarter 2023

Major Projects Inventory as of September 30, 2023.

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Report prepared by Labour Market Development Division staff.

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### About this Report

The objectives of this report are to analyze the updates to the Major Projects Inventory and to provide additional context on changes to economic conditions and construction activities. These snapshots of current economic activities are provided to help readers form expectations of the construction activities into the next quarter. This report was prepared with the most current data from economic indicators.

Detailed project listings are available in a searchable Excel database: www.majorprojectsinventorv.com

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# TABLE OF CONTENTS

Bri	tish Columbia Major Projects Inventory		1
1.	B.C. Major Projects Highlights –Q3 2023		5
2.	B.C. Major Projects Inventory – Q3 2023		6
3.	B.C. Economy		11
4.	B.C. Demographics		16
5.	Regional Summaries		17
6.	Vancouver Island/Coast Region		18
7.	Mainland/Southwest Region		21
8.	Thompson - Okanagan Region		24
9.	Kootenay Region		27
10.	Cariboo Region		30
11.	North Coast Region		33
12.	Nechako Region		36
13.	Northeast Region		39
App	endices		42
A	ppendix 1	42	
A	ppendix 2	43	
	ppendix 3		
	ppendix 4		
	ppendix 5	46	
B.C.	Government Contact		47

The B.C. Major Projects Inventory (MPI), published quarterly, provides summary information on major projects in the Province of British Columbia. The MPI includes a listing of private and public sector construction projects in B.C. with an estimated capital cost of \$15 million (CAD) or greater (\$20 million or greater within the Lower Mainland–Vancouver area).

Since 2019 (Quarter 1), about 75% of all the existing projects received an update each quarter. New projects are added to the list every quarter. Projects on hold for longer than two years are removed from the inventory. Completed projects are removed from the list in the following quarter.

Information collected in the MPI includes:

Project identification	Project name, description, specific and regional location, geographic coordinates, developer, contact information, project type, and project category.
Project status	<ul> <li>Proposed, under construction, completed, or on hold</li> <li>Proposed stages</li> <li>Start and completion dates (if available)</li> <li>Update activity on project status</li> <li>Environmental assessment stage</li> </ul>
Project size	Estimated capital cost (if available)
Other project characteristics	Construction type, construction subtype, public sector projects, clean energy projects and/or green (i.e. LEED) building projects, Indigenous peoples' agreements, the number of construction jobs and operating jobs.

While every effort is made to maintain a comprehensive project list that includes the most current publicly available information, it is important to note that projects are constantly added and re-evaluated by industry. Not all major projects are included in the MPI since projects need to be publicly announced in order to be included and some project information is not published due to confidentiality requirements.

#### **Sources of MPI Information**

Information sources include print and electronic media, developers, architects, general contractors, and government agencies (provincial, regional, municipal) as well as occasional site visits. Projects that are under consideration or proposed to be funded by the provincial government may be listed where there is public information about such projects. The description may indicate the status of provincial funding applications if such information is publicly available.

#### **Project Location**

Projects are listed within the eight economic development regions: Vancouver Island/Coast, Mainland/Southwest (Vancouver area), Thompson-Okanagan, Kootenay, Cariboo, North Coast, Nechako, and Northeast. A map showing the location of the regions and main population centres is included in the regional sections of the MPI. Projects are also listed according to the nearest population centre, which could be an unincorporated centre or a local government (e.g. a municipality).

#### **Estimated Cost**

Cost estimates are general estimates from the information sources used and are not necessarily produced in a consistent manner. The estimated costs are revised when new information is available. All estimates are recorded in millions of dollars. All capital costs in this report are estimates and therefore subject to change. This is particularly applicable in the early stages of a project proposal. Some capital costs are not included because they were not available at press time or the developer or owner requested that no capital cost be shown.

Note that cost estimates for some major projects were not available, whereas our analysis in this report includes all projects in the inventory.

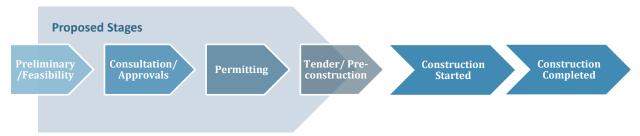
#### **Start and Finish Dates**

Start and finish dates for proposed projects are based on estimates from the sources used, or in some cases, reasonable assumptions. These dates are revised as new information becomes available.

#### **Project Status**

Projects are listed by status: proposed, under construction, completed, or on hold. Projects that are on hold for longer than two years are normally removed from the publication (although retained in our database). Cancelled projects are identified in the project description as "cancelled" and noted in Update Activity. Cancelled projects and completed projects in this quarter will be removed from the next issue of the MPI. Changes to project status are based on public information releases and/or information supplied by project proponents. Cancelled projects are not included in reported totals in this report.

The following diagram illustrates the project stages listed in the database.



Technically, projects can have their status moved to "cancelled" at any stage except at the construction completed stage.

#### **Proposed**

Any major projects in the public realm with an intention to proceed on the part of a credible proponent are added to the database. Often major projects with an official news release or funding confirmed are added to the inventory. Projects released on the official websites may be included but are subject to approval for inclusion by the proponent. A review process for public projects is obtained by the project manager where the respective ministry can decide to include or remove the proposed projects based on feasibility or funding available for the project.

Proposed projects usually go through four stages prior to reaching the construction stage.

At the **Preliminary/Feasibility** stage, the feasibility of the project has been reviewed and the project's design and planning are in process.

**The Consultation/Approvals** stage includes approvals for the zoning, environmental assessment, Indigenous peoples and other public open house processes.

A proposed project will enter the **Permitting** stage after obtaining the required approvals (i.e. environmental assessment certificate, if indicated). This stage includes development and building permits, mines, water licenses and other additional information required before moving into pre-construction stage.

The Tender/Pre-construction stage includes construction tenders and building site preparation such as pre-loading, demolition, and excavation. The pre-construction work such as excavation or site work may begin in preparation for the construction permit.

#### **Sustainable Building Design**

Information on sustainable building designs and construction projects that are registered and certified under a recognized green building rating system are identified. Examples of green building rating system include Leadership in Energy and Environmental Design (LEED®) and Green Globes. LEED buildings provide an environmentally responsible standard for energy efficiency at home and in the workplace. This designation has been added to the project description to promote awareness of the benefits of green buildings.

#### **Indigenous Affiliation**

Information related to Indigenous peoples' involvement in projects is based on news releases and published project information that is publicly available.

#### **Project Category**

Project Category lists the seven industrial categories:

- a.) manufacturing
- b.) mining, oil and gas extraction
- c.) other services
- d.) public services
- e.) residential or commercial
- f.) transportation and warehousing
- g.) utilities (including sewage treatment)

Note: Liquefied Natural Gas (LNG) projects are classified under mining, oil and gas extraction. This is different from the North American Industry Classification System in which LNG liquefaction is classified as being in the transportation industry.

#### **Environmental Assessment Stage**

The stages of environmental assessment for each project undergoing review under the *B.C. Environmental Assessment Act* are added to this issue.

#### **Latitude and Longitude**

Field latitude and longitude are noted in the Degrees Minutes Seconds (DMS) format.

#### **Telephone**

Contact number of the project developer or representative.

#### **Update Activity**

Readers can search for and select projects based on the following seven criteria:

- a.) new proposed projects
- b.) project started construction
- c.) cancelled-removing next issue
- d.) project added-under construction
- e.) project completed-removing next issue
- f.) project placed on hold
- g.) project removed from hold

### B.C. MAJOR PROJECTS INVENTORY - Q3 2023

#### 1. B.C. Major Projects Highlights –Q3 2023

The estimated capital cost of all 969 major projects in the third quarter of 2023 increased from \$361.11 billion (B) in the second quarter of 2023 to \$372.95 B. Note: the total capital cost is the combined estimated value of projects identified as proposed, construction started, completed, and on hold excluding cancelled projects.

There were 23 new proposed projects over \$15 million (M) with available capital cost estimates equaling \$1.85 B if all the projects were to proceed. The potential capital investment for new projects has decreased from \$1.94 B in the second guarter of 2023.

There were 31 projects that started construction during the third quarter of 2023 in B.C., representing an estimated capital cost of \$4.85 B, up from the \$4.25 B reported in the second quarter of 2023. Fifteen projects completed construction in the third quarter of 2023, with an estimated capital cost of \$1.12 B compared to \$1.80 B in the previous quarter.

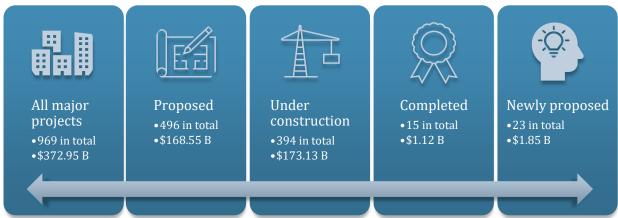
There were 311 projects with public funding contributions with a total capital cost of \$83.89 B. Funding for these projects is allocated through municipal, provincial and/or federal levels of government, crown corporations, public institutions and may include private partnerships. Of these, 153 projects worth a total of \$39.63 B had provincial government funding contributions.

There were 57 projects with a total estimated cost of \$120.81 B involving Indigenous communities in capacities such as project owners, project partners or benefit agreements.

Major projects currently under construction in B.C. equaled \$173.13 B, an increase from \$159.59 B in the second quarter of 2023. Proposed projects equaled \$168.55 B, down from \$169.56 B in the previous quarter. Several major project proposals listed were in very preliminary stages and were not approved for construction, therefore capital cost estimates should be viewed with caution. Projects with a total value of \$30.16 B were judged to be 'on hold' in the third quarter of 2023, the same as in the previous quarter.

All capital costs in this report were estimated and therefore subject to change. Some capital costs were not included because they were not available at press time, or the developer or owner requested that no capital cost be shown.

Figure 1 B.C. MPI Highlights



### B.C. MAJOR PROJECTS INVENTORY - Q3 2023

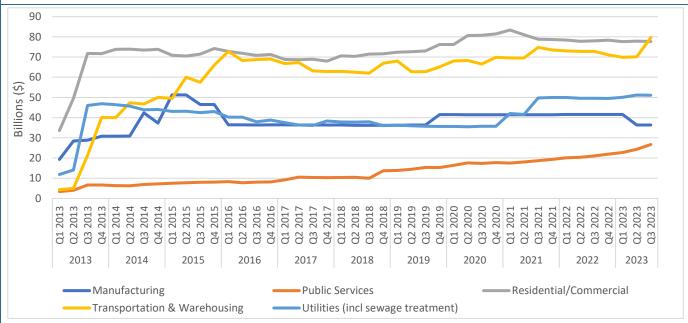
### 2. B.C. Major Projects Inventory – Q3 2023

By Project Category, Construction Type or Subtype

Exhibit 2.1 Estimated Cost Trends in B.C. Major Projects, by Project Category (\$ M)

Project Category	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Change from the previous quarter	Change from the previous year
Mining, Oil & Gas Extraction	116,761	116,560	94,731	92,076	92,076	0.0%	-21.1%
Residential/Commercial	78,059	78,352	77,651	77,852	77,718	-0.2%	-0.4%
Transportation & Warehousing	72,765	71,074	69,868	70,095	79,630	13.6%	9.4%
Manufacturing	41,559	41,559	41,559	36,359	36,329	-0.1%	-12.6%
Utilities	49,591	49,512	50,053	51,185	51,096	-0.2%	3.0%
Public Services	21,035	21,954	22,706	24,057	26,470	10.0%	25.8%
Other Services	9,472	9,306	9,489	9,489	9,632	1.5%	1.7%
Grand Total	389,242	388,317	366,057	361,113	372,951	3.3%	-4.2%

Note: Liquefied Natural Gas (LNG) projects are classified under mining, oil and gas extraction. This is different from the North American Industry Classification System in which LNG liquefaction is classified as being in the transportation industry.

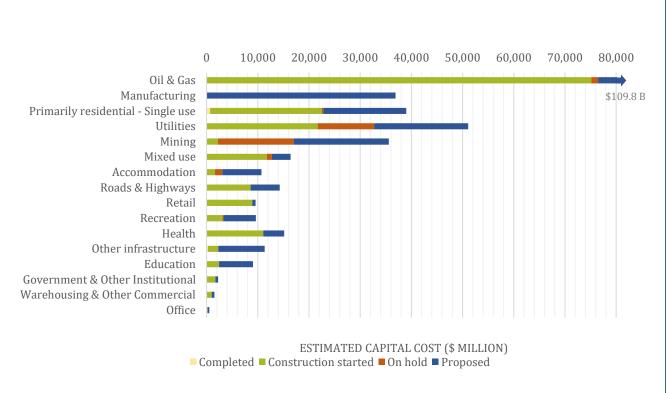


Note: Chart excludes Mining & Oil & Gas extraction and Other services projects

The total estimated capital cost of major projects in B.C was up (3.3%) in the third quarter of 2023 (Q3) compared with the second quarter of 2023, equaling \$372.95 B, while down (-4.2%) compared to previous year.

#### B.C. MAJOR PROJECTS INVENTORY – Q3 2023

Exhibit 2.2 Major Projects Status in B.C., by Construction Subtype (\$ M)



Note: See Appendix 4 for the data underlying this chart.

- In the third quarter of 2023, Oil and Gas projects (including LNG) represented 29.4% of the total estimated capital costs in the MPI.
- Residential and Commercial development projects comprised 544 of the 969 projects listed in the third quarter of 2023, representing a total estimated capital cost of \$87.39 B.
- Residential projects were concentrated in the Mainland/Southwest region (75.3%), Vancouver Island/Coast (16.3%), and Thompson-Okanagan (7.7%).
- Utility projects continued to be a significant driver for the province. The total cost of utilities projects was \$51.10 B while the total cost of projects currently underway was \$21.64 B.
- There were 50 mining projects listed in the MPI with a total estimated value of \$35.46 B.
- The largest new proposed project was the Highway 97 Cottonwood Hill in Quesnel, at estimated cost of \$335 M.
- Public Infrastructure The value of public funding contributions was \$83.89 B for 311 projects across all levels of government. Of these, 153 projects worth a total of \$39.63 B had some provincial government funding. It is important to note that this figure reflects the total cost, not just the provincial contribution.

# B.C. MAJOR PROJECTS INVENTORY – Q3 2023

Exhibit 2.3 Estimated Cost of Regional Major Projects, by Construction Type and Subtype (\$ M)

Construction Type &	Vancouver	Mainland/	Thompson-			North			
Subtype	Island/Coast	Southwest	Okanagan	Kootenay	Cariboo	Coast	Nechako	Northeast	Total
Residential Subtotal	11,966	33,382	8,138	80			100	20	53,686
Primarily residential - Single use	7,466	24,644	6,688	80			100	20	38,998
Residential Mixed Use	4,500	8,738	1,450						14,688
Commercial Subtotal	3,056	23,472	2,527	2,752	1,322	30		540	33,699
Commercial Mixed Use		1,730							1,730
Accommodation	2,056	4,680	747	2,302	940				10,725
Recreation	410	7,107	1,665	450					9,632
Retail	480	8,460	115					500	9,555
Office	70	460							530
Warehousing		35							35
Other Commercial	40	1,000			382	30		40	1,492
Industrial Subtotal		6,229	1,039	1,286	36,201	112,419	6,231	18,950	182,355
Mining		160	1,039	1,286	3,716	19,669	6,231	3,500	35,601
Oil & Gas		5,185			32,470	60,720		11,450	109,825
Manufacturing - Wood Products						30			30
Manufacturing - Petrochemical		600				32,000		4,000	36,600
Other Manufacturing		284			15				299
Institutional & Government Subtotal	5,261	16,973	1,340	269	1,027	784	158	658	26,470
Education	2,325	5,519	901	73	61	161		17	9,057
Health	1,357	10,823	439	196	966	623	158	590	15,152
Government buildings	1,579	631						51	2,261
Infrastructure Subtotal	8,991	33,313	4,641	756	1,731	5,414	419	21,476	76,741
Utilities	6,866	14,373	2,444	646	923	4,022	374	21,448	51,096
Roads & Highways	285	10,779	2,047	110	808	188	45	28	14,290
Other Transportation	1,840	8,161	150			1,204			11,355
Grand Total	29,274	113,369	17,685	5,143	40,281	118,647	6,908	41,644	372,951

### B.C. MAJOR PROJECTS INVENTORY - Q3 2023

Exhibit 2.4 Estimated Cost Trends in B.C. Major Projects, by Project Status (\$ M)

Status	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Change from the previous quarter	Change from the previous year
Proposed	220,945	217,960	174,073	169,561	168,545	-0.6%	-23.7%
Construction started	136,552	137,733	156,793	159,596	173,125	8.5%	26.8%
Completed	775	2,441	2,423	1,799	1,124	-37.5%	45.0%
On hold	30,970	30,183	32,768	30,157	30,157	0.0%	-2.6%
Total	389,242	388,317	366,057	361,113	372,951	3.3%	-4.2%

The value of completed projects decreased from the second quarter of 2023 to \$1.12 B in the third quarter of 2023. A notable project completed was the River Green Residential Development (\$500 M) in Richmond.

Exhibit 2.5 Summary of B.C. Major Projects (by Project Status)

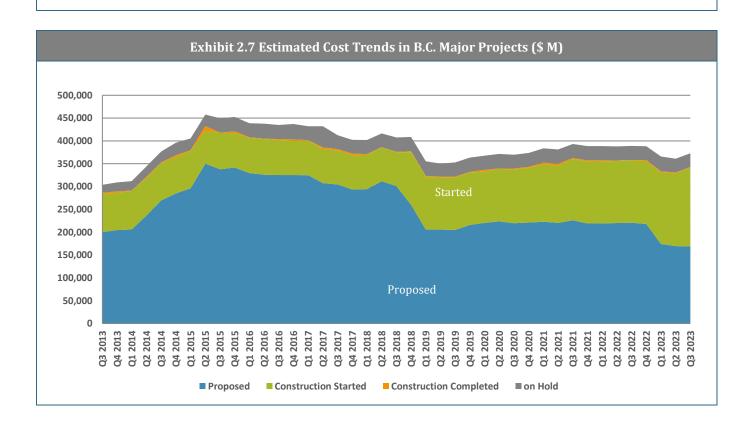
	Estimated Capital Cost (\$M)	Percentage of Total	Number of Projects	Average Project Value (\$ M)	Average Years in Inventory
Proposed	168,545	45%	496	374	7.0
Preliminary/Feasibility	40,793	11%	116	425	5.7
Consultation/Approvals	66,095	18%	197	357	8.1
Permitting	5,763	2%	26	231	5.7
Tender/Preconstruction	22,885	6%	74	318	3.3
Stage Unknown	33,009	9%	83	452	9.9
On Hold	30,157	8%	64	580	13.6
Construction Started	173,125	46%	394	449	6.5
Completed	1,124	0%	15	86	4.9
Total	372,951	100%	969	413	7.2

Note: Average project value is the average of those projects for which there is a cost estimate. An average year in inventory is the average time span between the projects as first recorded in the MPI and the current period. Regional details provided in Exhibit 2.6.

### B.C. MAJOR PROJECTS INVENTORY - Q3 2023

Exhibit 2.6 Estimated Cost of Regional Major Projects, by Project Status (\$ M)

Development Region	Proposed	Construction started	Completed	On Hold	Total	Total change from the previous quarter	Total change from the previous year
Vancouver Island/Coast	10,831	13,059	42	5,342	29,274	-5.3%	-5.5%
Mainland/ Southwest	61,397	50,539	978	455	113,369	6.9%	10.2%
Thompson-Okanagan	4,428	10,873	0	2,384	17,685	0.0%	-6.5%
Kootenay	1,097	2,626	0	1,420	5,143	-22.0%	-21.9%
Cariboo	7,758	31,423	0	1,100	40,281	141.2%	140.5%
North Coast	68,480	37,916	0	12,251	118,647	-26.2%	-26.3%
Nechako	3,086	1,574	53	2,195	6,908	2.6%	0.2%
Northeast	11,468	25,115	51	5,010	41,644	-2.7%	-7.0%
Total	168,545	173,125	1,124	30,157	372,951	-4.0%	-4.0%



# 3. B.C. Economy

#### Exhibit 3.1 Economic Activity - 2023 Q3

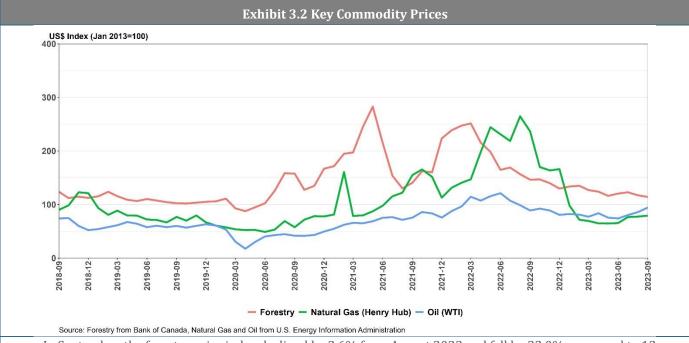
	2019	2020	2021	2022	
Real GDP* Growth	+2.9 %	-3.1%	+7.0 %	+3.9 %	

<sup>\*</sup>Chained (2017) dollars

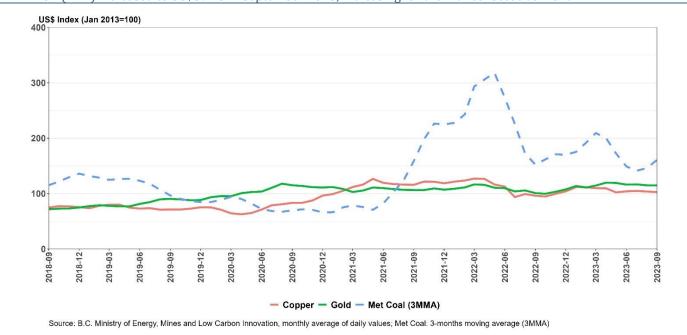
Period ending September 30, 2023	Amount	Change from previous month	Change from previous year	Data Type
Retail trade (\$ M)	9,086	0.6%	1.2%	seasonally adjusted
Manufacturing sales (\$ M)	5,361	-0.6%	-5.7%	seasonally adjusted
Residential - building permits (\$ M)	1,597	37.0%	7.5%	seasonally adjusted
Residential - housing starts (units)	37,030	-19.1%	-26.1%	seasonally adjusted at annual rates
Non-Residential building permits (\$ M)	624	-39.1%	-3.7%	seasonally adjusted
Exports - all merchandise (\$ M)	4,681	-3.8%	-14.1%	seasonally adjusted
		Prices		
B.C. Consumer price index (2002=100)	153	0.1%	3.3%	not seasonally adjusted
Exchange rate (USD)	0.74	-0.4%	-1.6%	not seasonally adjusted
Average 5-year residential mortgage rate	6.27%	0.1p.p.	0.6p.p.	not seasonally adjusted
	Lab	our Market		
Employment	2,812,000	0.7%	1.7%	seasonally adjusted
Unemployment rate	5.5%	0.2p.p.	1.1p.p.	seasonally adjusted
Participation rate	65.4%	0.4p.p.	0.3p.p.	seasonally adjusted
Average weekly earnings (current dollars)	1,239	1.1%	5.7%	not seasonally adjusted

Source: Statistics Canada & Bank of Canada

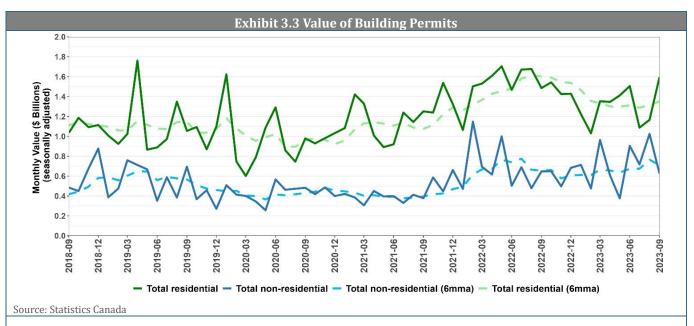
Note: p.p. is percentage point, used here to show the difference between two percentage rates.



- In September, the forestry price index declined by 2.6% from August 2023 and fell by 22.0% compared to 12 months earlier.
- Natural gas increased to US\$2.64/mm BTU in September 2023 from US\$2.58 in the previous month.
- Oil (WTI) increased to US\$89.43 in September 2023, increasing for the fifth consecutive month.



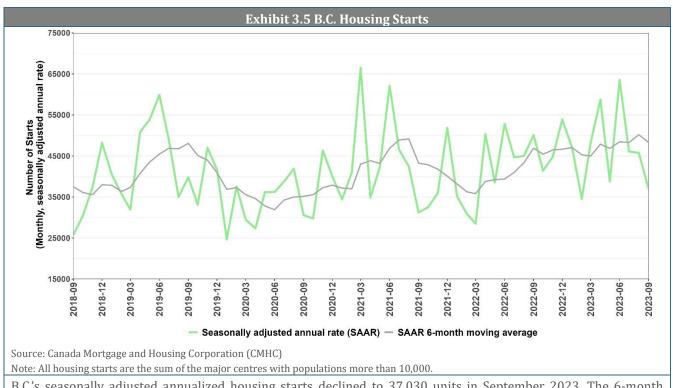
- The price of copper declined to US\$3.75/lb in September but was 6.84% higher than 12 months earlier.
- The price of gold was US\$ 1,91/oz in September, a decrease of 0.2% from the previous month and a 13.9% increase from a year before.
- The price of metallurgical coal (3-month moving average) in September was 10.2% lower than the previous month and 5.7% lower than 12 months earlier.



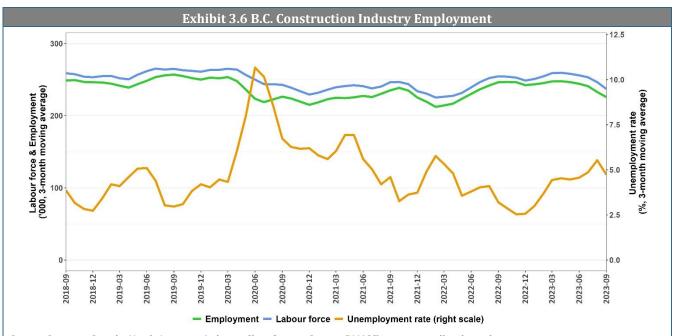
In September 2023, over \$2.06 B (6-month moving average) worth of building permits were issued in B.C., this was a 0.8% decline compared to the previous month and an 8.7% decrease compared to 12 months earlier.



B.C. spending on non-residential building construction increased 2.5% from the previous month and was up 14.2% from the previous year. The level of non-residential building investment in September 2023 was \$917.48 M. Note that this is building investment only and does not include infrastructure investment.

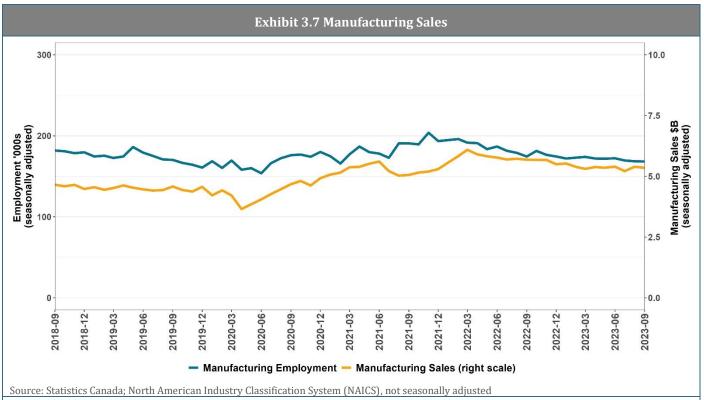


B.C.'s seasonally adjusted annualized housing starts declined to 37,030 units in September 2023. The 6-month moving average was 3.7% lower than the previous month and up 3.0% from the previous year.



Source: Statistics Canada; North American Industry Classification System (NAICS), not seasonally adjusted

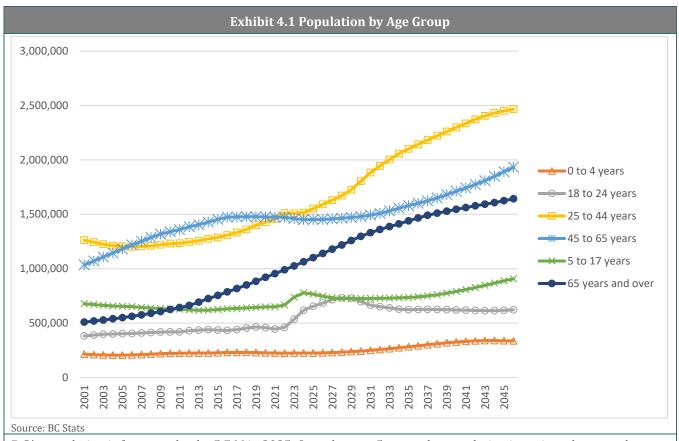
Employment (three-months moving average) in the construction sector declined 3.1% in September 2023. The 3-month moving average for employment was down 20.7% compared to 12 months earlier while the labour force reported a 17.5% decrease over the same period.



In September 2023, B.C.'s manufacturing sales were down 0.6% to \$5.4 B from the previous month. In comparison to September 2022, sales were down by 5.7%. Employment in the manufacturing sector was 168,300, a decrease of 0.2% from the previous month and a decrease of 3.6% from the previous year.

### **B.C. DEMOGRAPHICS**

# 4. B.C. Demographics



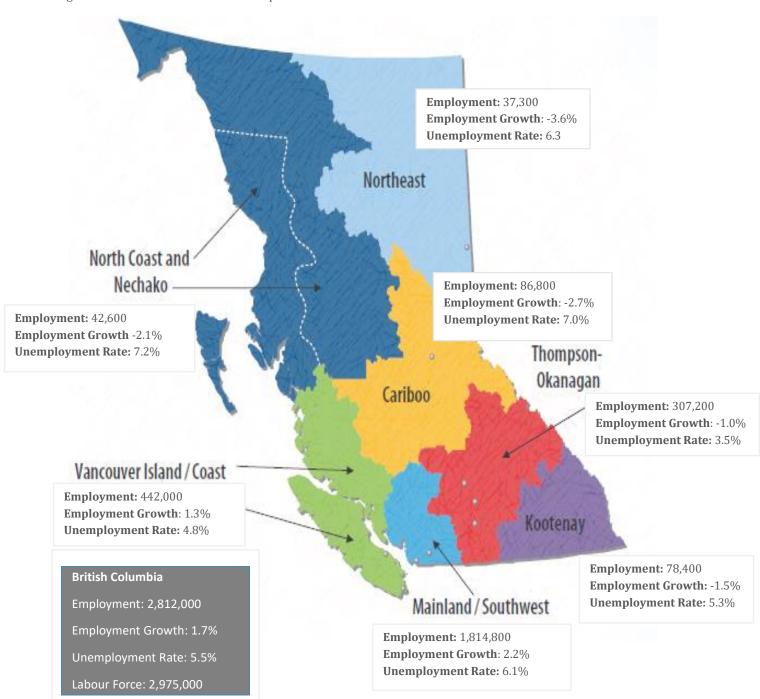
B.C.'s population is forecasted to be 5.7 M in 2025. Over the next 5 years, the population is projected to grow by 2.0% per year.

British Columbia Major Projects Inventory

### **REGIONAL SUMMARIES**

### 5. Regional Summaries

Regional Labour Market Statistics - September 2023

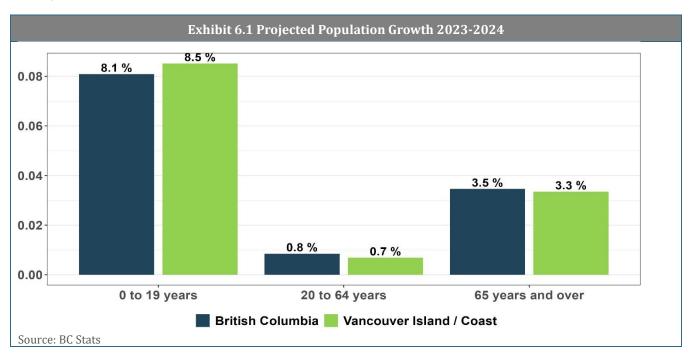


Note: Employment growth is over the previous 12 months. Data for B.C. at the provincial level is seasonally adjusted. Data for the regions is not seasonally adjusted and is based on 3-month moving averages. This means that the data at the provincial level is not directly comparable to the regional data, but the data for each region is directly comparable with the other regions. Source: Statistics Canada

# **VANCOUVER ISLAND/COAST REGION**

### 6. Vancouver Island/Coast Region

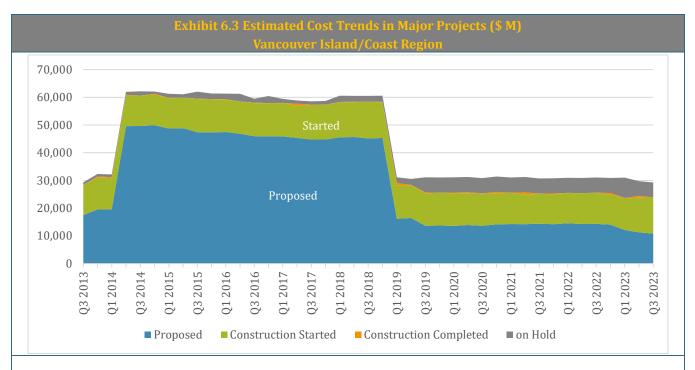
#### **Key Economic Indicators**





### **VANCOUVER ISLAND/COAST REGION**

#### Trends in Major Projects



- In Q3 2023, the Vancouver Island/Coast region had a total of 140 major projects with a combined value of \$29.27 B for a 1.5% decrease from the second quarter of 2023 and a 5.7% decrease from the previous year.
- There was one newly proposed project, a long-term care facility in Campbell River, valued at \$134 M.
- Construction started for Royal BC Museum Collections and Research Facility in Colwood, valued at \$270 M. There were four other projects that began construction this quarter. See projects underway in Appendix 2.
- Construction is completed for Sky Gate Midrise Condominium (\$26 M) and Hammond Bay Elementary (\$16 M). See more in Appendix 3.

Exhibit 6.4 Estimated Cost Trends in Major Projects, by Project Status (\$M)	
Vancouver Island/Coast Region	

	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Change from the previous quarter	Change from the previous year
Proposed	14,343	14,039	12,151	11,252	10,831	-3.7%	-24.5%
Construction started	11,140	10,871	11,330	12,487	13,059	4.6%	17.2%
Completed	98	538	214	637	42	-93.4%	-57.1%
On hold	5,472	5,472	7,342	5,342	5,342	0.0%	-2.4%
Total	31,053	30,920	31,037	29,718	29,274	-1.5%	-5.7%

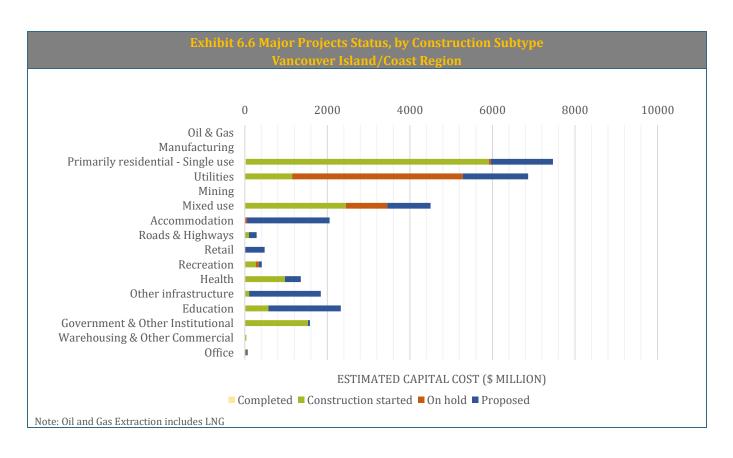
# **VANCOUVER ISLAND/COAST REGION**

Exhibit 6.5 Summary of Major Projects (by Project Status)

Vancouver Island/Coast Region

	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory
Proposed	10,831	37%	63	184	9.1
Preliminary/Feasibility	2,750	9%	8	344	9.4
Consultation/Approvals	5,268	18%	26	220	10.4
Permitting	607	2%	6	101	6.5
Tender/Preconstruction	742	3%	8	93	3.2
Stage Unknown	1,464	5%	15	113	10.8
On hold	5,342	18%	15	486	11.8
Construction started	13,059	45%	60	218	6.6
Completed	42	0%	2	21	3.6
Total	29,274	100%	140	222	8.2

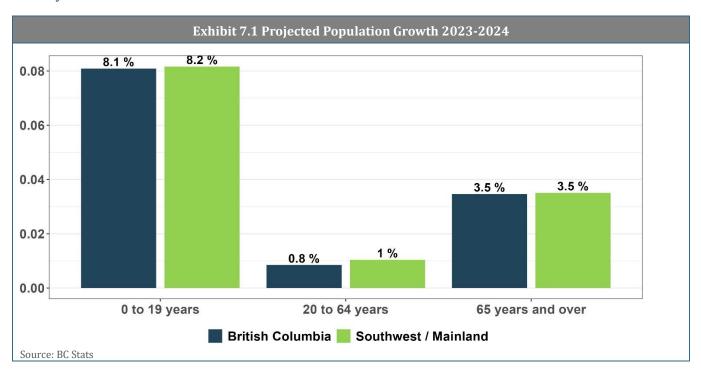
Notes: Average project value is the average of those projects for which there is a cost estimate. Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.

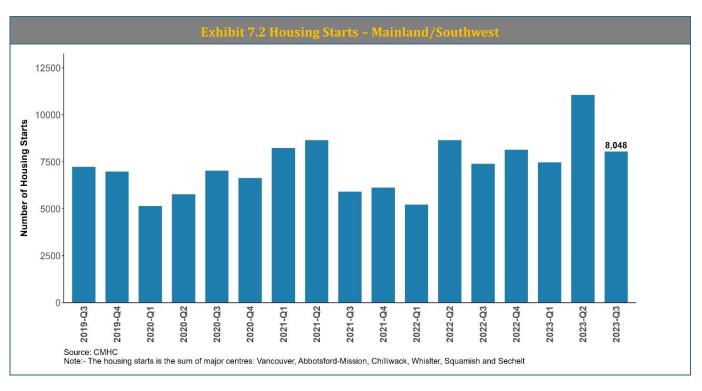


# MAINLAND/SOUTHWEST REGION

### 7. Mainland/Southwest Region

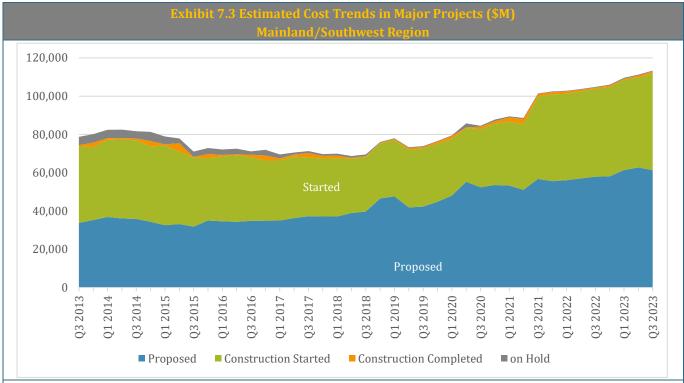
#### **Key Economic Indicators**





### MAINLAND/SOUTHWEST REGION

**Trends in Major Projects** 



- In Q3 2023, the Mainland/Southwest region had a total of 553 major projects with a combined value of \$113.37 B, representing a 1.9% increase from the previous quarter and an 8.1% increase compared to the previous year.
- There were 17 newly proposed projects added to the MPI this quarter. The two top valued projects were: BC Children's Hospital Complex Care Building (\$222 M) in Vancouver and the Confederation Park Community Centre (\$117 M) in Burnaby. See more new projects in Appendix 1.
- Ten major projects were completed in the third quarter. The most notable projects were River Green Residential Development (\$500 M) in Richmond and Centerm Expansion Project in Vancouver (\$250 M). See more completed projects in Appendix 3.
- Twenty-two major projects began construction this quarter. A notable project that started construction is Surrey Hospital in Surrey, with an estimated cost of \$2.88 B. See more projects underway in Appendix 2.

Exhibit 7.4 Estimated Cost Trends in Major Projects, by Project Status (\$ M)  Mainland/Southwest Region								
Status	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Change from the previous quarter	Change from the previous year	
Proposed	57,957	58,068	61,377	62,749	61,397	-2.2%	5.9%	
Construction started	45,939	46,640	47,254	47,045	50,539	7.4%	10.0%	
Completed	571	843	480	1,003	978	-2.5%	71.3%	
On hold	372	485	520	455	455	0.0%	22.3%	
Total	104,839	106,036	109,631	111,252	113,369	1.9%	8.1%	

Page | 22

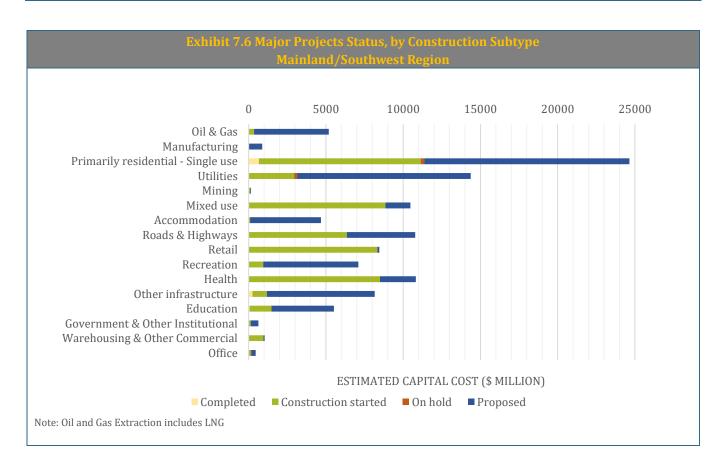
# MAINLAND/SOUTHWEST REGION

Exhibit 7.5 Summary of Major Projects (by Project Status)

Mainland/Southwest Region

	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory
Proposed	61,397	54%	301	223	5.4
Preliminary/Feasibility	20,802	18%	74	336	4.5
Consultation/Approvals	19,825	17%	117	182	6.5
Permitting	3,236	3%	16	216	4.5
Tender/Preconstruction	9,821	9%	56	182	2.5
Stage Unknown	7,713	7%	38	220	7.9
On hold	455	0%	13	41	9.6
Construction started	50,539	45%	229	225	5.3
Completed	978	1%	10	109	5.7
Total	113,369	100%	553	218	5.4

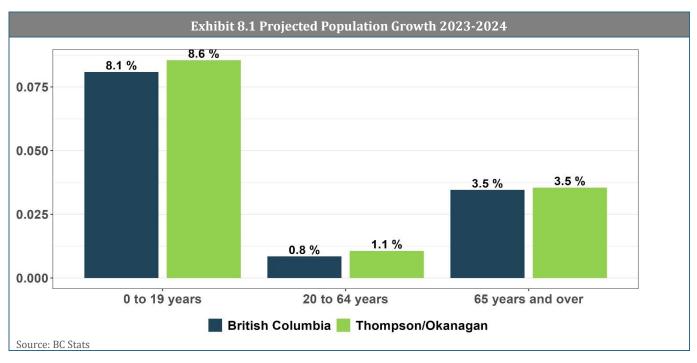
Notes: Average project value is the average of those projects for which there is a cost estimate. Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.

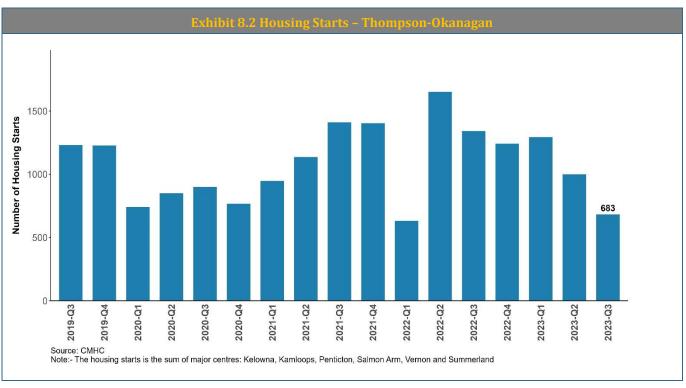


### **THOMPSON - OKANAGAN REGION**

# 8. Thompson - Okanagan Region

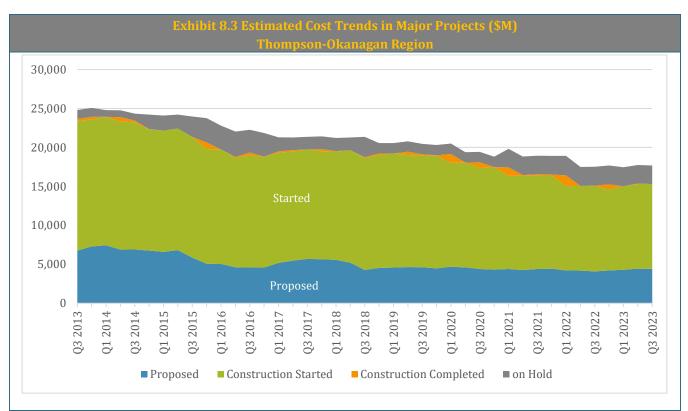
#### **Key Economic Indicators**





### **THOMPSON - OKANAGAN REGION**

#### **Trends in Major Projects**



- In Q3 2023, the Thompson-Okanagan region had a total of 97 major projects with a combined value of \$17.69 B, a decrease of 0.4% from the previous quarter and an increase of 0.9% from the previous year.
- There were no new projects proposed in the MPI in this quarter.
- There were no projects that completed construction this quarter.
- Pleasant Valley Secondary project (\$16 M) in Salmon Arm began construction this quarter.

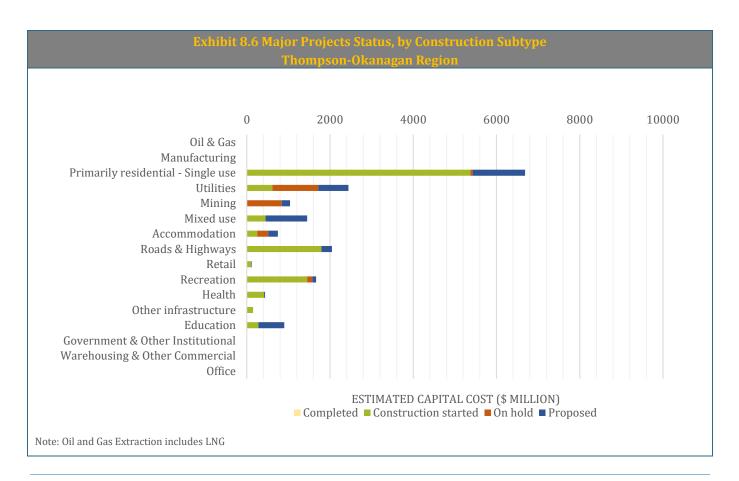
Exhibit 8.4 Estimated Cost Trends in Major Projects, by Project Status (\$ M) Thompson-Okanagan Region							
Status	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Change from the previous quarter	Change from the previous year
Proposed	4,092	4,221	4,286	4,444	4,428	-0.4%	8.2%
Construction started	10,950	10,399	10,748	10,857	10,873	0.1%	-0.7%
Completed	54	640	0	73	0	-	-
On hold	2,429	2,429	2,429	2,384	2,384	0.0%	-1.9%
Total	17,525	17,689	17,463	17,758	17,685	-0.4%	0.9%

# **THOMPSON - OKANAGAN REGION**

Exhibit 8.5 Summary of Major Projects (by Project Status)
Thompson-Okanagan Region

	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory
Proposed	4,428	25%	38	130	8.0
Preliminary/Feasibility	1,011	6%	14	84	4.5
Consultation/Approvals	2,818	16%	13	217	11.8
Permitting	150	1%	1	150	18.6
Tender/Preconstruction	210	1%	4	53	1.0
Stage Unknown	239	1%	6	60	11.1
On hold	2,384	13%	7	341	17.1
Construction started	10,873	61%	52	222	10.0
Completed	0	0%	0	0	0.0
Total	17,685	1	97	197	9.8

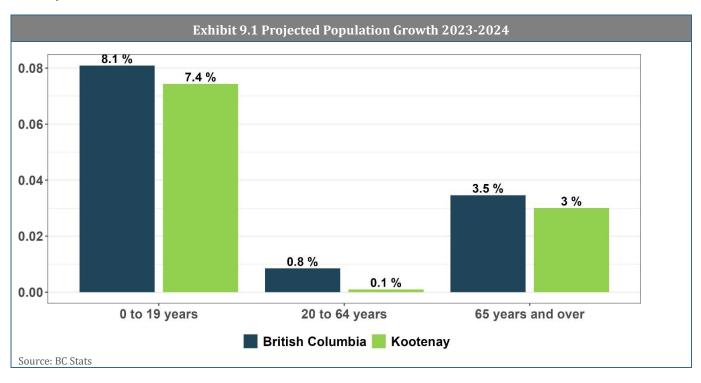
Notes: Average project value is the average of those projects for which there is a cost estimate. Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.

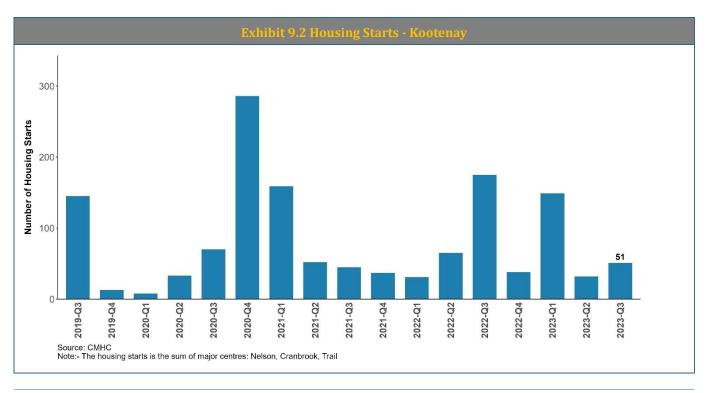


### **KOOTENAY REGION**

### 9. Kootenay Region

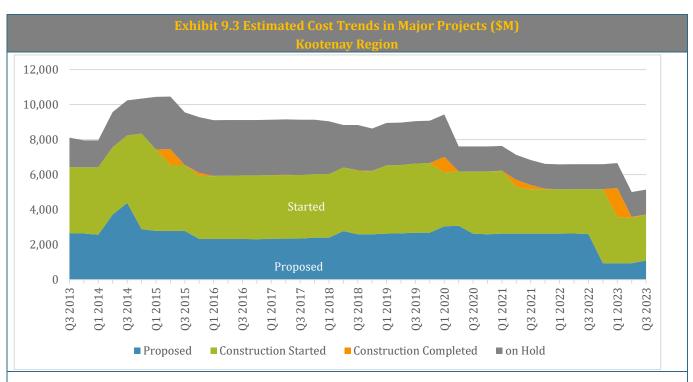
#### **Key Economic Indicators**





### **KOOTENAY REGION**

#### **Trends in Major Projects**



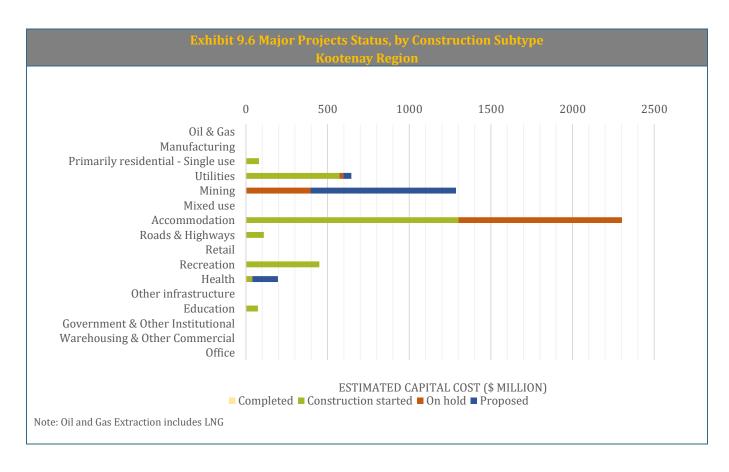
In Q3 2023, the Kootenay region had a total of 34 major projects with a combined value of 5.14 B, an increase of 2.8% from the previous quarter. This also represents a 22.0% decrease compared to the previous year.

Exhibit 9.4 Estimated Cost Trends in Major Projects, by Project Status (\$M)  Kootenay Region								
Status	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Change from the previous quarter	Change from the previous year	
Proposed	2,601	940	940	940	1,097	16.7%	-57.8%	
Construction started	2,572	4,233	2,643	2,584	2,626	1.6%	2.1%	
Completed	0	0	1,654	59	0	-	-	
On hold	1,420	1,420	1,420	1,420	1,420	0.0%	0.0%	
Total	6,593	6,593	6,657	5,003	5,143	2.8%	-22.0%	

Page | 28

### **KOOTENAY REGION**

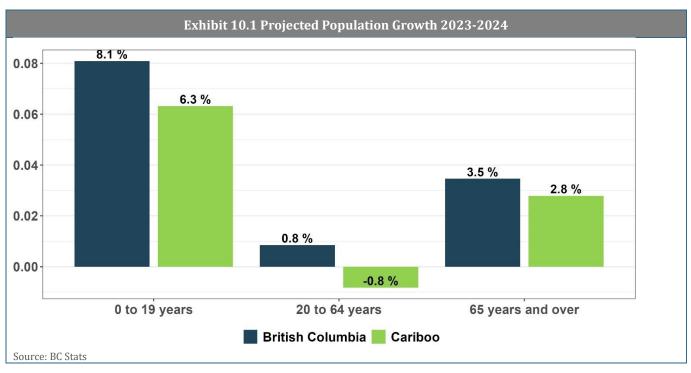
Exhibit 9.5 Summary of Major Projects (by Project Status) Kootenay Region									
	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory				
Proposed	1,097	21%	10	219	7.6				
Preliminary/Feasibility	0	0%	3	0	6.2				
Consultation/Approvals	907	18%	4	302	7.3				
Permitting	0	0%	0	0	0.0				
Tender/Preconstruction	0	0%	0	0	0.0				
Stage Unknown	190	4%	3	95	9.5				
On hold	1,420	28%	3	473	17.3				
Construction started	2,626	51%	21	125	11.4				
Completed	0	0%	0	0	0.0				
Total	5,143	100%	34	177	10.8				
Average number of years in in	ventory is the average ti	me span between the ent	ry of the projects in the MPI	and the current period.					

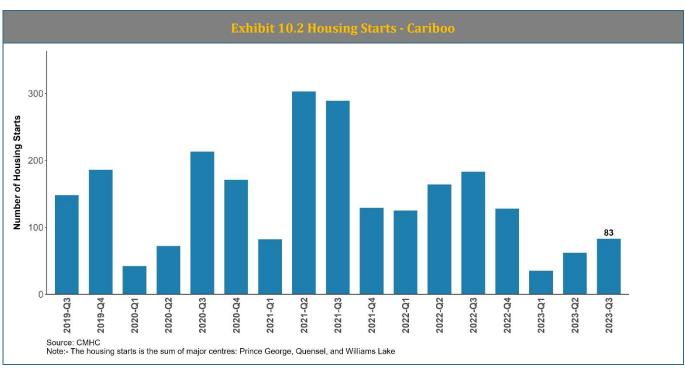


### **CARIBOO REGION**

### 10. Cariboo Region

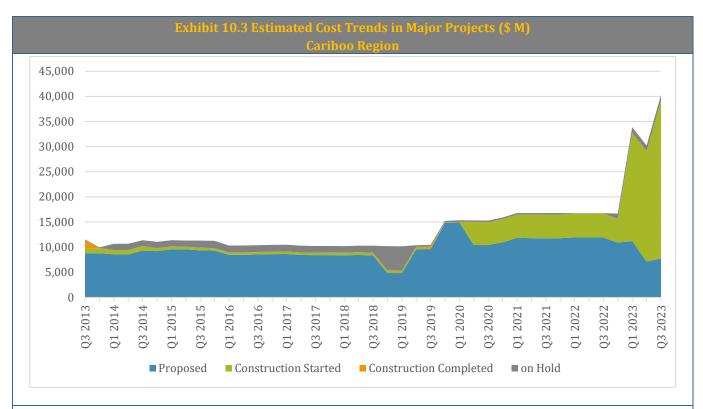
#### **Key Economic Indicators**





### **CARIBOO REGION**

#### **Trends in Major Projects**



- In Q3 2023, the Cariboo region had a total of 32 major projects with a combined value of \$40.28 B, 33.3% higher than the previous quarter and 140.5% higher than Q3 2022.
- There were three new proposed projects in total, including 'Highway 97 Cottonwood Hill' (\$335 M) and 'Blackwater Rd and Knickerbocker Rd Realignment' (\$203 M) both in Quesnel. See more in Appendix 1.
- The Trans-Mountain Pipeline Expansion project, which is underway, had its cost revised from \$21.4 B in Q2 to \$30.9 B in Q3.

Exhibit 10.4 Estimated Cost Trends in Major Projects, by Project Status (\$M)  Cariboo Region							
Status	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Change from the previous quarter	Change from the previous year
Proposed	11,907	10,907	11,225	7,159	7,758	8.4%	-34.8%
Construction started	4,690	4,651	21,551	21,923	31,423	43.3%	570.0%
Completed	52	39	0	27	0	-	-
On hold	100	1,100	1,100	1,100	1,100	0.0%	1000.0%
Total	16,749	16,697	33,876	30,209	40,281	33.3%	140.5%

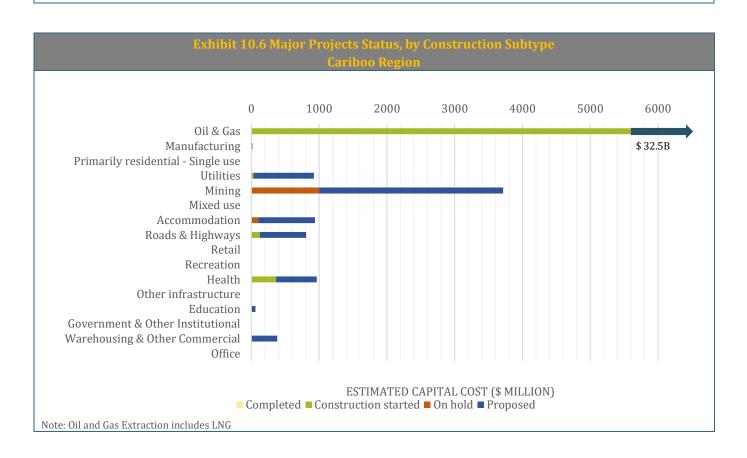
### **CARIBOO REGION**

Exhibit 10.5 Summary of Major Projects (by Project Status)

Cariboo Region

	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory
Proposed	7,758	19%	24	353	9.1
Preliminary/Feasibility	2,430	6%	9	347	6.3
Consultation/Approvals	2,898	7%	9	322	8.8
Permitting	0	0%	0	0	0.0
Tender/Preconstruction	60	0%	1	60	24.6
Stage Unknown	2,370	6%	5	474	11.4
On hold	1,100	3%	2	550	24.7
Construction started	31,423	78%	6	5,237	5.3
Completed	0	0%	0	0	0.0
Total	40,281	100%	32	1,343	9.3

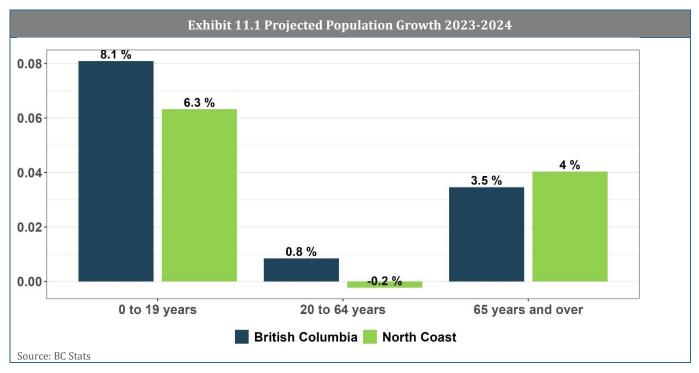
Notes: Average project value is the average of those projects for which there is a cost estimate. Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.

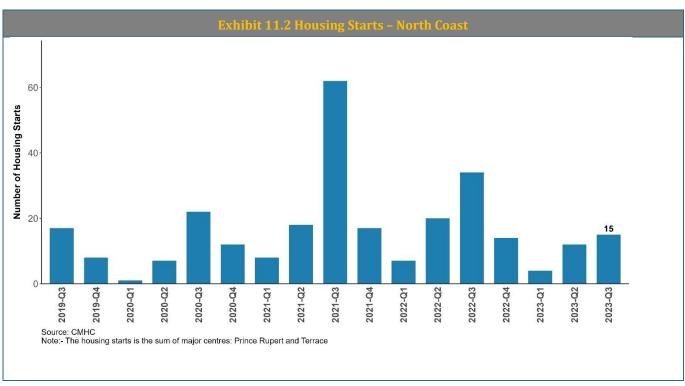


### NORTH COAST REGION

# 11. North Coast Region

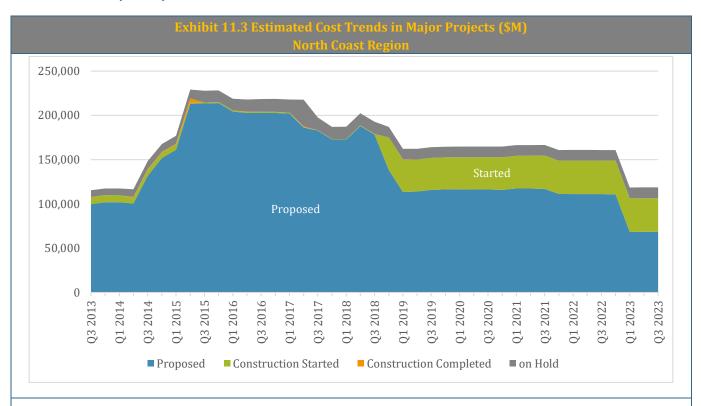
#### **Key Economic Indicators**





### NORTH COAST REGION

#### **Trends in Major Projects**



In Q3 2023, the North Coast region had a total of 58 major projects with a combined value of \$118.65 B, an increase of 0.02% from the previous quarter and a decrease of 26.2% from the previous year.

Exhibit 11.4 Estimated Cost Trends in Major Projects, by Project Status (\$M)										
		Nort	h Coast Reg	ion						
Status	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Change from the previous quarter	Change from the previous year			
Proposed	111,061	110,801	68,353	68,480	68,480	0.0%	-38.3%			
Construction started	37,789	37,773	37,877	37,894	37,916	0.1%	0.3%			
Completed	0	276	75	0	0	-	-			
On hold	11,981	11,981	12,251	12,251	12,251	0.0%	2.3%			
Total	160,831	160,831	118,556	118,625	118,647	0.02%	-26.2%			

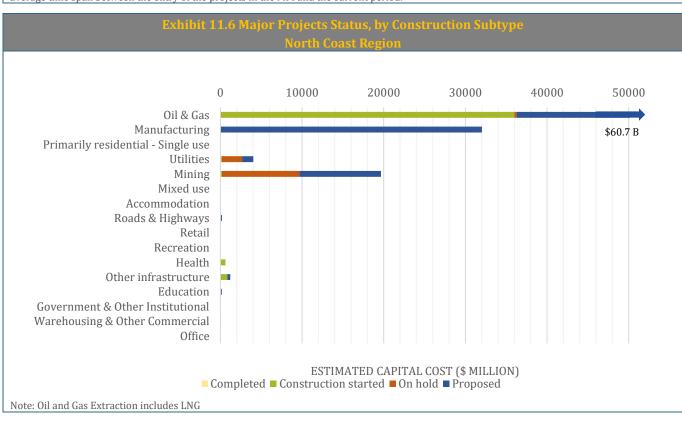
#### **NORTH COAST REGION**

Exhibit 11.5 Summary of Major Projects (by Project Status)

North Coast Region

	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory
Proposed	68,480	58%	30	2,446	11.0
Preliminary/Feasibility	10,375	9%	4	3,458	12.7
Consultation/Approvals	29,778	25%	15	1,985	9.9
Permitting	250	0%	1	250	5.3
Tender/Preconstruction	11,422	10%	3	3,807	10.2
Stage Unknown	16,655	14%	7	2,776	13.6
On hold	12,251	10%	14	1,531	13.7
Construction started	37,916	32%	13	2,917	3.6
Completed	0	0%	1	0	1.6
Total	118,647	100%	58	2,421	9.8

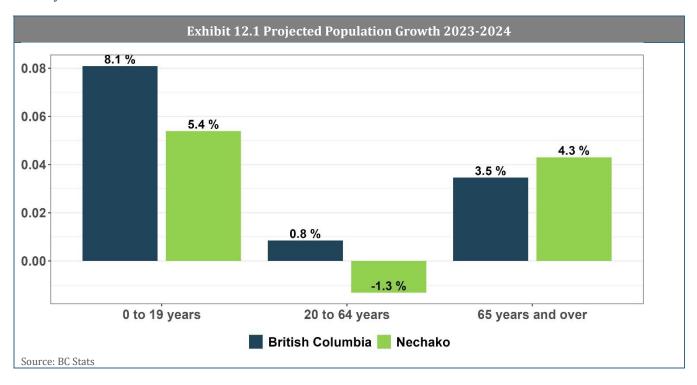
Notes: Average project value is the average of those projects for which there is a cost estimate. Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.



### **NECHAKO REGION**

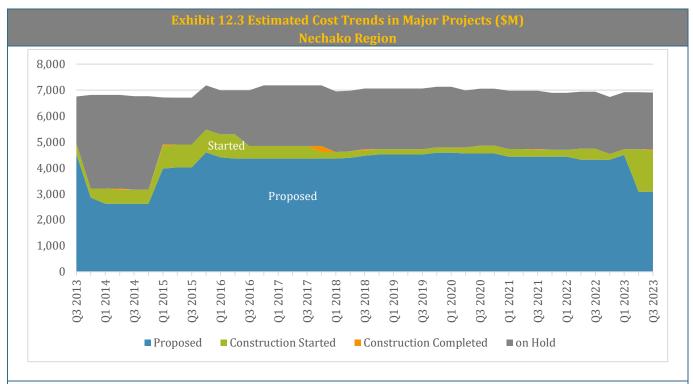
## 12. Nechako Region

#### **Key Economic Indicators**



### **NECHAKO REGION**

#### **Trends in Major Projects**



- In Q3 2023, the Nechako region had a total of 19 major projects with a combined value of \$6.91 B, a 0.2% decline from the previous quarter and a 0.4% decrease from the same quarter in 2022.
- The 5L063 Telkwa Relocation Project (\$53 M), located in Telkwa, is completing construction in Q3 2023.

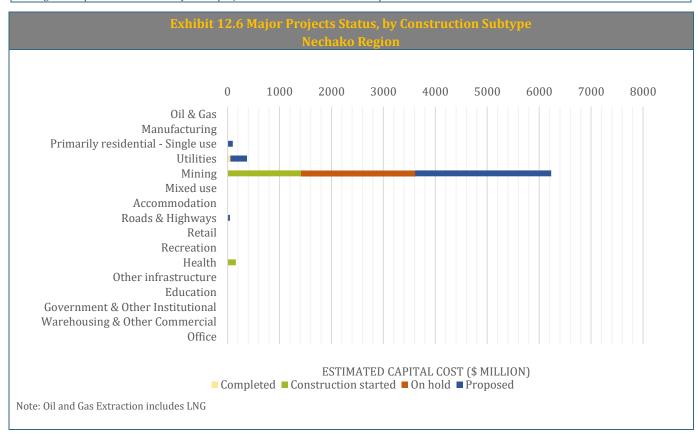
Exhibit	12.4 Estimated		ls in Major I hako Regio		Project Sta	itus (\$M)	
Status	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Change from the previous quarter	Change from the previous year
Proposed	4,317	4,317	4,502	3,086	3,086	0.0%	-28.5%
Construction started	425	224	224	1,640	1,574	-4.0%	270.4%
Completed	0	0	0	0	53	-	-
On hold	2,195	2,195	2,195	2,195	2,195	0.0%	0.0%
Total	6,937	6,736	6,921	6,921	6,908	-0.2%	-0.4%

### **NECHAKO REGION**

Exhibit 12.5 Summary of Major Projects (by Project Status)

	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory
Proposed	3,086	45%	11	309	14.3
Preliminary/Feasibility	925	13%	3	308	17.8
Consultation/Approvals	861	12%	6	144	12.6
Permitting	0	0%	0	0	0.0
Tender/Preconstruction	0	0%	0	0	0.0
Stage Unknown	53	1%	1	53	3.1
On hold	2,195	32%	4	549	19.2
Construction started	1,574	23%	3	787	9.4
Completed	53	1%	1	53	3.1
Total	6,908	100%	19	406	14.0

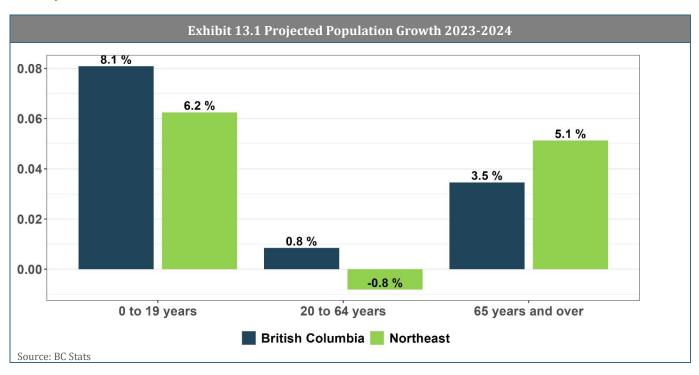
Notes: Average project value is the average of those projects for which there is a cost estimate. Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.

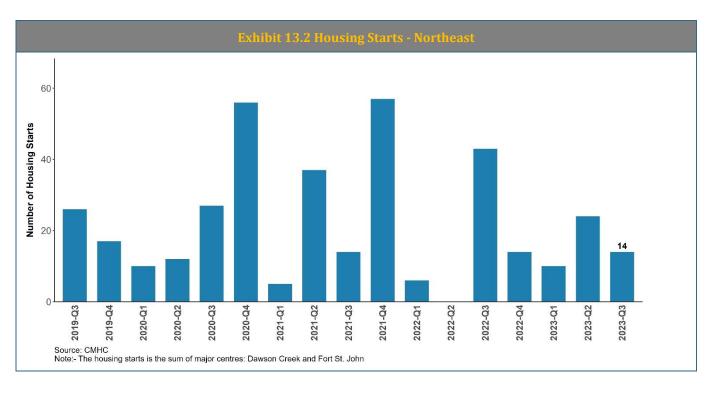


### **NORTHEAST REGION**

## 13. Northeast Region

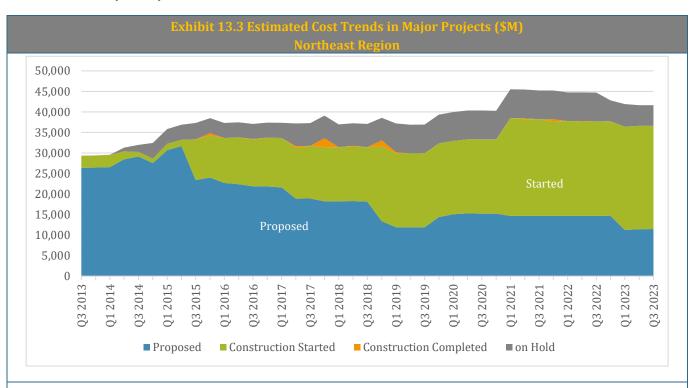
#### **Key Economic Indicators**





### **NORTHEAST REGION**

#### **Trends in Major Projects**



In Q3 2023, the Northeast region had a total of 36 major projects with a combined value of \$41.64 B, 0.04% higher than the previous quarter and 6.9% lower than a year before.

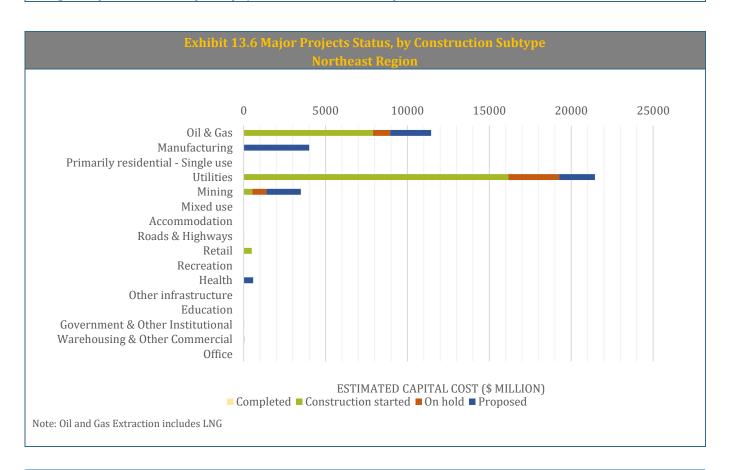
Exhibit	: 13.4 Estimated		ls in Major F heast Regio		Project Sta	itus (\$M)	
Status	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Change from the previous quarter	Change from the previous year
Proposed	14,667	14,667	11,239	11,451	11,468	0.1%	-21.8%
Construction started	23,047	22,942	25,166	25,166	25,115	-0.2%	9.0%
Completed	0	105	0	0	51	-	-
On hold	7,001	5,101	5,511	5,010	5,010	0.0%	-28.4%
Total	44,715	42,815	41,916	41,627	41,644	0.04%	-6.9%

### **NORTHEAST REGION**

Exhibit 13.5 Summary of Major Projects (by Project Status	s)
Northeast Region	

	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory
Proposed	11,468	28%	19	637	10.1
Preliminary/Feasibility	2,500	6%	1	2,500	3.8
Consultation/Approvals	3,740	9%	7	623	11.3
Permitting	1,520	4%	2	760	6.3
Tender/Preconstruction	630	2%	2	315	7.7
Stage Unknown	3,078	7%	7	440	11.5
On hold	5,010	12%	6	835	13.2
Construction started	25,115	60%	10	2,512	8.4
Completed	51	0%	1	51	4.8
Total	41,644	100%	36	1,190	10.0

Notes: Average project value is the average of those projects for which there is a cost estimate. Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.



# Appendices

	New Proposed P	rojects (July - September 2023)	
Region	Municipality	Project	Estimated Cost (\$ Million)
	Burnaby	Kitchener Elementary Addition	22
	Burnaby	Burnaby (former Dithie-Union) Elementary	41
	Burnaby	Confederation Park Community Centre	117
	Chilliwack	East Side Elementary School	59
	Chilliwack	New East Side Elementary	59
	Coquitlam	Partington Creek Townhomes	28
	Coquitlam	Kadence Highrise Condominium	35
	Coquitlam	Skylark Condominiums	35
Mainland/Southwest	North Vancouver	Elle Condominiums	30
	Pemberton	École La Vallée	66
	Richmond	Howard DeBeck Elementary Seismic Upgrades	21
	Richmond	Alfred B. Dixon Elementary Seismic Upgrades	31
	Squamish	MTN Village Townhomes	22
	Squamish	Three Summits Condominium	40
	Surrey	Woodland Park Elementary	24
	Vancouver	BC Children's Hospital Complex Care Building	222
	Vancouver	Davie Village Social Housing	91
Vancouver Island/Coast	Campbell River	Long-term Care Facility	134
	Quesnel	Carson Elementary School Replacement	61
Cariboo	Quesnel	Blackwater Rd at Knickerbocker Rd Realignment	203
	Quesnel	Highway 97 - Cottonwood Hill	335
Kootenay	Cranbrook	Long-term Care Facility	157
Northeast	Peace River North	Wonowon Elementary	17
Total			1,850

	Construc	ction Started (July - September 2023)		
Region	Municipality	Project	Completion Date	Estimated Cost (\$ Million)
	Central Saanich	Highway 17 Keating Cross Overpass Project	2025-Q2	77
	Colwood	Royal BC Museum Collections and Research Facility	2025-Q4	270
Vancouver	Courtenay	Student Housing	2025-Q4	78
Island/Coast	Sooke	SĆIANEW SŢEŁIŢĶEŁ (South Langford) Elementary	2025-Q3	49
	Victoria	Hyatt Centric Victoria Hotel	2026-Q4	50
	Victoria	Cedar Hill Middle School	2025-Q3	54
	Burnaby	Lorne Davies Complex (LDC) Renewal	2024-Q4	39
	Burnaby	Applied Sciences Building (ASB) Renovation	2024-Q2	25
	Burnaby	Moonlight Sonata Lowrise Condos	2025-Q2	20
	Coquitlam	Bastille Condominium	2024-Q4	24
	Coquitlam	Lake Buntzen 1 - Penstock Exterior Recoat	2024-Q4	31
	Coquitlam	Aavand Midrise Condominium	2025-Q3	20
	Coquitlam	Eagle Mountain Woodfibre Gas Pipeline	2025-Q4	350
	Delta	Evergreen Lane Affordable Housing	2024-Q3	20
	Delta	KinVillage Redevelopment	2024-Q3	20
	North Vancouver	Xwemelch'stn First Nation Affordable Housing	2024-Q3	32
	North Vancouver	Purcell Way Development	2024-Q4	30
Mainland/Southwest	Port Moody	Burrard Switchyard - Control Building Upgrade Project	2026-Q1	57
	Port Moody	Moody Elementary School Replacement	2025-Q2	37
	Surrey	Snokomish Elementary (Formerly South Newton Elementary)	2026-Q1	44
	Surrey	Surrey Hospital	2027-Q2	2880
	Vancouver	Claridge House Condominium Development	2024-Q4	42
	Vancouver	UBC Beaty Biodiversity Centre Expansion	2025-Q2	45
	Vancouver	Pure Condominium	2024-Q3	20
	Vancouver	Kidd No. 1 - Substation Upgrade Project	2027-Q2	42
	Vancouver	Vancouver Art Gallery	2028-Q4	400
	Vancouver	Affordable Rental Housing	2024-Q2	20
	West Vancouver	Hawksley Condominium	2025-Q4	20
Thompson-Okanagan	Salmon Arm	Pleasant Valley Secondary	2025-Q1	16
Kootenay	Jaffray	Highway 3 Bridge Replacements	2025-Q4	25
Nechako	Prince Rupert	Oldfield - Substation Feeder Section Upgrade	2025-Q1	17
Total	•			4,854

	Construction Co	ompleted (July - September 2023)	
Region:	Municipality	Project	Estimated Cost (\$ Million)
Vancouver	Langford	Sky Gate Midrise Condominium	26
Island/Coast	Nanaimo- Ladysmith	Hammond Bay Elementary	16
	Abbotsford	Abbotsford Traditional Senior Secondary	20
	Burnaby	Condominium Development	28
	Burnaby	Akimbo Condominium Tower	35
	Burnaby	Westridge Marine Terminal Expansion	
Mainland/Southwest	Coquitlam	Forester at Burke Mountain	30
mainianu/ Southwest	Coquitlam	Coast Salish (Sheffield) Elementary	43
	Port Moody	Moody Yards Condominiums	20
	Richmond	One Park Condominium	52
	Richmond	River Green Residential Development	500
	Vancouver	Centerm Expansion Project	250
North Coast	Prince Rupert	Prince Rupert Marine Fuel Terminal	
Nechako	Telkwa	5L063 Telkwa Relocation Project	53
Northeast	Fort St. John	RCMP Detachment Building	51
Total			1,124

Project Value and Project Status for each Industry Sector (July - September 2023)								
Category	Proposed	Construction started	Completed	On hold	Total			
Oil & Gas	33,355	75,150	0	1,320	109,825			
Manufacturing	36,929	0	0	0	36,929			
Primarily residential - Single use	16,176	21,804	691	327	38,998			
Utilities	18,364	21,644	53	11,035	51,096			
Mining	18,603	2,218	0	14,780	35,601			
Mixed use	3,660	11,758	0	1,000	16,418			
Accommodation	7,662	1,642	0	1,421	10,725			
Roads & Highways	5,706	8,584	0	0	14,290			
Retail	615	8,940	0	0	9,555			
Recreation	6,323	3,115	0	194	9,632			
Health	4,079	11,073	0	0	15,152			
Other infrastructure	9,073	2,032	250	0	11,355			
Education	6,616	2,362	79	0	9,057			
Government & Other Institutional	548	1,662	51	0	2,261			
Warehousing & Other Commercial	522	1,005	0	0	1,527			
Office	314	136	0	80	530			
Total	168,545	173,125	1,124	30,157	372,951			

**Appendix 5** 

		nal Major Projects		Utilities	(3, 110,000 0	Bo		
Development Region	Residential/ Commercial	Transportation & Warehousing*	Mining & Oil & Gas Extraction	(incl sewage treatment)	Manufacturing	Public Services	Other Services	Total
Vancouver Island/Coast	79	10	0	19	0	23	7	138
Mainland/Southwest	360	36	7	34	2	78	15	532
Thompson/Okanagan	44	12	3	16	0	17	5	97
Kootenay	10	2	7	8	0	3	2	32
Cariboo	5	4	8	8	3	2	0	30
North Coast	2	14	21	12	4	4	0	57
Nechako	1	1	13	3	0	1	0	19
Northeast	3	4	9	15	2	2	0	35
Total	504	83	68	115	11	130	29	940

Note\*: Pipelines and transportation-related manufacturing are included in Transportation and Warehousing category

## **B.C. GOVERNMENT CONTACT**

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