



Image courtesy: BC Ministry of Transportation and Infrastructure

**Highway 1 - McKenzie Interchange:** The McKenzie Interchange Project is a grade-separated interchange on the Trans-Canada Highway at the intersection with Admirals Road and McKenzie Avenue in Saanich. This intersection had been the number one bottleneck in the province outside of the Lower Mainland. The new interchange significantly improves safety and reduces traffic congestion for drivers, transit users, pedestrians and cyclists.

**Total Cost:** \$96 million, with the Government of Canada contributing over \$32.6 million under the New Building Canada Fund's Provincial-Territorial Infrastructure Component- National and Regional Projects and the Government of British Columbia funding the remaining \$63.35 million.

# BRITISH COLUMBIA MAJOR PROJECTS INVENTORY

## THIRD QUARTER 2020



Ministry of  
Advanced  
Education and  
Skills Training

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## **British Columbia Major Projects Inventory**

### **Third Quarter 2020**

Major Projects Inventory as of September 30, 2020.

Publisher: Workforce Innovation and Division Responsible for Skills Training, Ministry of Advanced Education and Skills Training.

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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.majorprojectsinventory.com](http://www.majorprojectsinventory.com)

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# ABOUT THE MAJOR PROJECTS INVENTORY

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 style="list-style-type: none"><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).

# ABOUT THE MAJOR PROJECTS INVENTORY

## 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.

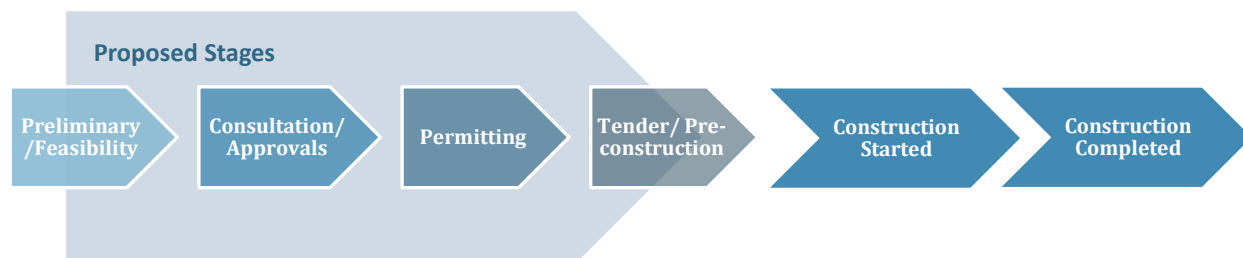
## Start and Finish Dates

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 a new field. Update Activity is identified as “cancelled-removing next issue”. 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.

# ABOUT THE MAJOR PROJECTS INVENTORY

**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. The information is consistent with the information maintained in the Indigenous Business and Investment Council Database (BCIBIC: <https://biz.bcibic.ca/>).

# ABOUT THE MAJOR PROJECTS INVENTORY

## 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; and,
- 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; and,
- g.) project removed from hold.



# B.C. MAJOR PROJECTS INVENTORY – Q3 2020

## 1. B.C. Major Projects Highlights –Q3 2020

The estimated capital cost of all 979 major projects in the third quarter of 2020 has decreased from \$371.44 billion (B) in the second quarter of 2020 to \$369.84 B. Note that the total capital cost is the combined estimated value of projects identified as proposed, construction started, completed, and on hold excluding cancelled projects.

There are 19 new proposed projects over \$15 million (M) with available capital cost estimates totaling \$796 million (M) if all the projects were to proceed. The potential capital investment for new projects has decreased from \$852 M in the second quarter of 2020.

There are 29 projects that have started construction in B.C., representing an estimated capital cost of \$4.75 B, down from the \$5.56 B reported in the first quarter of 2020. Twenty-one projects completed construction in the third quarter of 2020, with an estimated capital cost of \$2.16 B compared to \$777 M in the second quarter of 2020.

There are 261 projects with public funding contributions with a total capital cost of \$45.88 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, 136 projects worth a total of \$24.44 B have provincial government funding contributions.

There are 59 projects with a total estimated cost of \$125.60 B involving Indigenous communities in capacities such as project owners, project partners or benefit agreements.

Major projects currently under construction in B.C. totaled \$117.76 B, up from the \$115.18 B in the second quarter of 2020. Proposed projects totaled \$219.67 B, decreased from \$223.62 B in the previous quarter. Many major project proposals listed are in very preliminary stages and are not approved for construction, therefore capital cost estimates should be viewed with caution. Approximately \$30.24 B of projects are judged to be 'on hold' for the time being, lower than the previous quarter. Vancouver International Airport Upgrades project (\$1.74 B) was cancelled due to COVID-19 in this quarter.

All capital costs in this report are estimates and therefore subject to change. 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.

**Figure 1 B.C. MPI Highlights**

979	Number of total major projects
\$369.84 B	Value of all projects
510	Number of total proposed projects
\$219.67 B	Value of proposed projects
391	Number of projects under construction
\$117.76 B	Value of projects under construction
21	Number of projects completed
\$2.16 B	Value of projects completed
19	Number of new proposed projects
\$796 M	Value of newly proposed projects



# B.C. MAJOR PROJECTS INVENTORY – Q3 2020

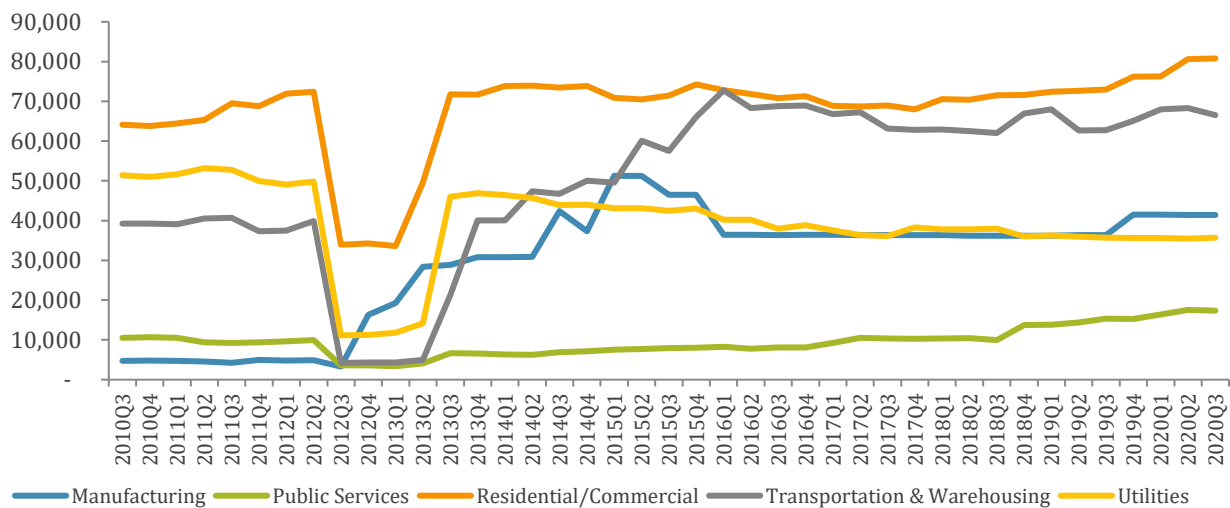
## 2. B.C. Major Projects Inventory – Q3 2020

By Project Category, Construction Type or Subtype

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

Project Category	2019Q3	2019Q4	2020Q1	2020Q2	2020Q3	Change from the previous quarter	Change from the previous year
Mining & Oil & Gas Extraction	118,200	118,204	118,264	118,264	<b>118,264</b>	0.0%	0.1%
Residential/Commercial	72,994	76,163	76,232	80,600	<b>80,780</b>	0.2%	10.7%
Transportation & Warehousing	62,732	65,102	68,014	68,310	<b>66,525</b>	-2.6%	6.0%
Manufacturing	36,337	41,497	41,497	41,447	<b>41,447</b>	0.0%	14.1%
Utilities (incl sewage treatment)	35,692	35,610	35,639	35,484	<b>35,680</b>	0.6%	0.0%
Public Services	15,354	15,243	16,405	17,539	<b>17,345</b>	-1.1%	13.0%
Other Services	11,637	11,585	11,746	9,794	<b>9,794</b>	0.0%	-15.8%
<b>Grand Total</b>	<b>352,946</b>	<b>363,404</b>	<b>367,797</b>	<b>371,438</b>	<b>369,835</b>	-0.4%	4.8%

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.

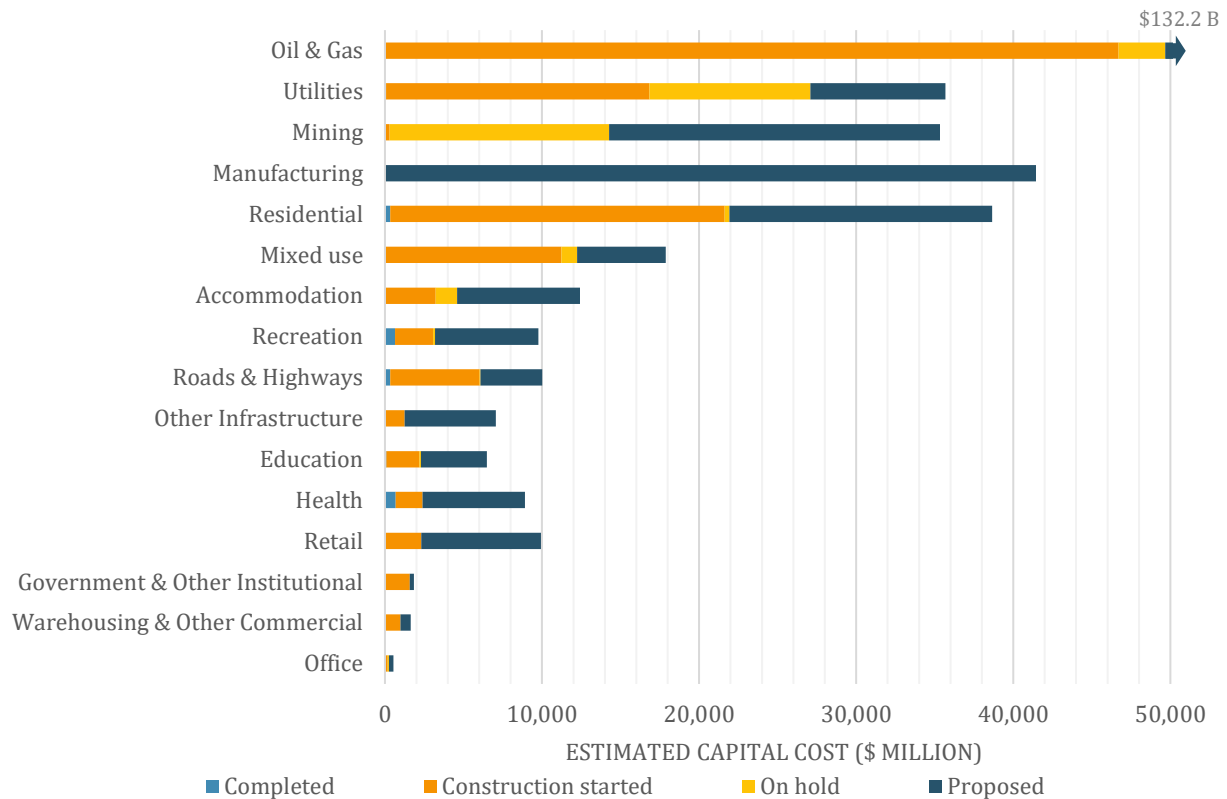


Note: chart excludes mining oil & gas extraction and other services projects

The total estimated capital cost of major projects in B.C was up in the third quarter of 2020 (Q3), totaling \$369.84 B, representing a 0.4% decrease over the previous quarter and up 4.8% compared to last year.

# B.C. MAJOR PROJECTS INVENTORY – Q3 2020

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 2020, Oil and Gas projects (including LNG) represent 35.7% of the total estimated capital cost in the MPI.
- Residential and Commercial development projects comprise of 535 of the 979 projects listed in the third quarter of 2020, representing a total estimated capital cost of \$80.8 B.
- Residential projects are concentrated in the Mainland/Southwest region (72.6%), Vancouver Island (17.4%), and Thompson-Okanagan (9.3%).
- Utility projects continue to be a significant driver for the province. The total cost of utilities projects is nearly \$35.7 B while the total cost of projects which are currently underway is over \$16.8 B.
- There are 53 mining projects listed in the MPI with a total estimated value of \$35.3 B.
- The top categories for new projects added to the MPI is residential/commercial project (\$607 M).
- Public Infrastructure - The value of public funding contributions was \$45.9B for 261 projects – across all levels of government. Of these, 136 projects worth a total of \$24.4 B have provincial government funding contributions. It is important to note that this figure reflects the total cost, not just the provincial contribution.

# B.C. MAJOR PROJECTS INVENTORY – Q3 2020

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

Construction Type & Subtype	Vancouver Island/Coast	Mainland/Southwest	Thompson -Okanagan	Kootenay	Cariboo	North Coast	Nechako	Northeast	Total
<b>Residential Subtotal</b>	<b>12,054</b>	<b>32,116</b>	<b>9,325</b>	<b>80</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>20</b>	<b>53,695</b>
Primarily residential - Single use	8,254	22,324	7,875	80	0	0	100	20	38,653
Residential Mixed Use	3,800	9,792	1,450	0	0	0	0	0	15,042
<b>Commercial Subtotal</b>	<b>3,497</b>	<b>24,094</b>	<b>4,639</b>	<b>3,002</b>	<b>1,322</b>	<b>30</b>	<b>0</b>	<b>540</b>	<b>37,124</b>
Commercial Mixed Use	100	2,730	0	0	0	0	0	0	2,830
Accommodation	2,136	4,816	2,224	2,302	940	0	0	0	12,418
Recreation	303	6,471	2,300	700	0	0	0	0	9,774
Retail	848	8,460	115	0	0	0	0	500	9,923
Office	70	472	0	0	0	0	0	0	542
Warehousing	0	265	0	0	0	0	0	0	265
Other Commercial	40	880	0	0	382	30	0	40	1,372
<b>Industrial Subtotal</b>	<b>2,130</b>	<b>2,487</b>	<b>1,069</b>	<b>2,940</b>	<b>12,431</b>	<b>158,831</b>	<b>6,328</b>	<b>22,810</b>	<b>209,026</b>
Mining	130	160	1,039	2,940	2,646	17,991	6,328	4,101	35,335
Oil & Gas	2,000	2,185	0	0	4,570	108,780	0	14,709	132,244
Manufacturing - Wood Products	0	0	30	0	0	60	0	0	90
Manufacturing - Petrochemical	0	0	0	0	5,200	32,000	0	4,000	41,200
Other Manufacturing	0	142	0	0	15	0	0	0	157
<b>Institutional &amp; Government Subtotal</b>	<b>4,403</b>	<b>10,152</b>	<b>1,196</b>	<b>117</b>	<b>317</b>	<b>486</b>	<b>148</b>	<b>424</b>	<b>17,243</b>
Education	2,113	3,744	467	19	72	38	32	0	6,485
Health	708	6,195	729	98	245	448	116	375	8,914
Government buildings	1,562	213	0	0	0	0	0	49	1,824
Other Institutional & Government	20	0	0	0	0	0	0	0	20
<b>Infrastructure Subtotal</b>	<b>8,770</b>	<b>15,655</b>	<b>3,208</b>	<b>1,468</b>	<b>1,213</b>	<b>5,409</b>	<b>477</b>	<b>16,547</b>	<b>52,747</b>
Utilities	6,689	4,623	1,115	1,383	1,110	3,939	432	16,389	35,680
Roads & Highways	290	7,108	1,943	85	103	280	45	158	10,012
Other Transportation	1,791	3,924	150	0	0	1,190	0	0	7,055
<b>Grand Total</b>	<b>30,854</b>	<b>84,504</b>	<b>19,437</b>	<b>7,607</b>	<b>15,283</b>	<b>164,756</b>	<b>7,053</b>	<b>40,341</b>	<b>369,835</b>

# B.C. MAJOR PROJECTS INVENTORY – Q3 2020

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

Status	2019Q3	2019Q4	2020Q1	2020Q2	2020Q3	Change from the previous quarter	Change from the previous year
Proposed	205,140	215,984	220,459	223,619	<b>219,668</b>	-1.8%	7.1%
Construction started	114,768	115,067	112,265	115,179	<b>117,760</b>	2.2%	2.6%
Completed	1,818	1,133	3,813	777	<b>2164</b>	178.5%	19.0%
On hold	31,220	31,220	31,260	31,863	<b>30,243</b>	-5.1%	-3.1%
<b>Grand Total</b>	<b>352,946</b>	<b>363,404</b>	<b>367,797</b>	<b>371,438</b>	<b>369,835</b>	-0.4%	4.8%

The value of completed projects increased to \$2.16 B in Q3 2020. Notable projects completed were BC Children's and Women's Hospital Redevelopment (\$676 M) in Vancouver, Sun Peaks Ski Resort (\$635 M) in Kamloops area.

**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
<b>Proposed</b>	<b>219,668</b>	<b>59%</b>	<b>510</b>	<b>482</b>	<b>6.0</b>
Preliminary/Feasibility	54,435	15%	122	534	4.6
Consultation/Approvals	78,950	21%	221	387	6.9
Permitting	42,662	12%	37	1255	4.2
Tender/Preconstruction	19,969	5%	75	298	3.7
Stage Unknown	23,652	6%	55	483	10.0
<b>On hold</b>	<b>30,243</b>	<b>8%</b>	<b>56</b>	<b>571</b>	<b>12.2</b>
Construction started	117,760	32%	391	311	6.3
Completed	2164	1%	21	103	5.5
<b>Total</b>	<b>369,835</b>	<b>100%</b>	<b>978</b>	<b>407</b>	<b>6.5</b>

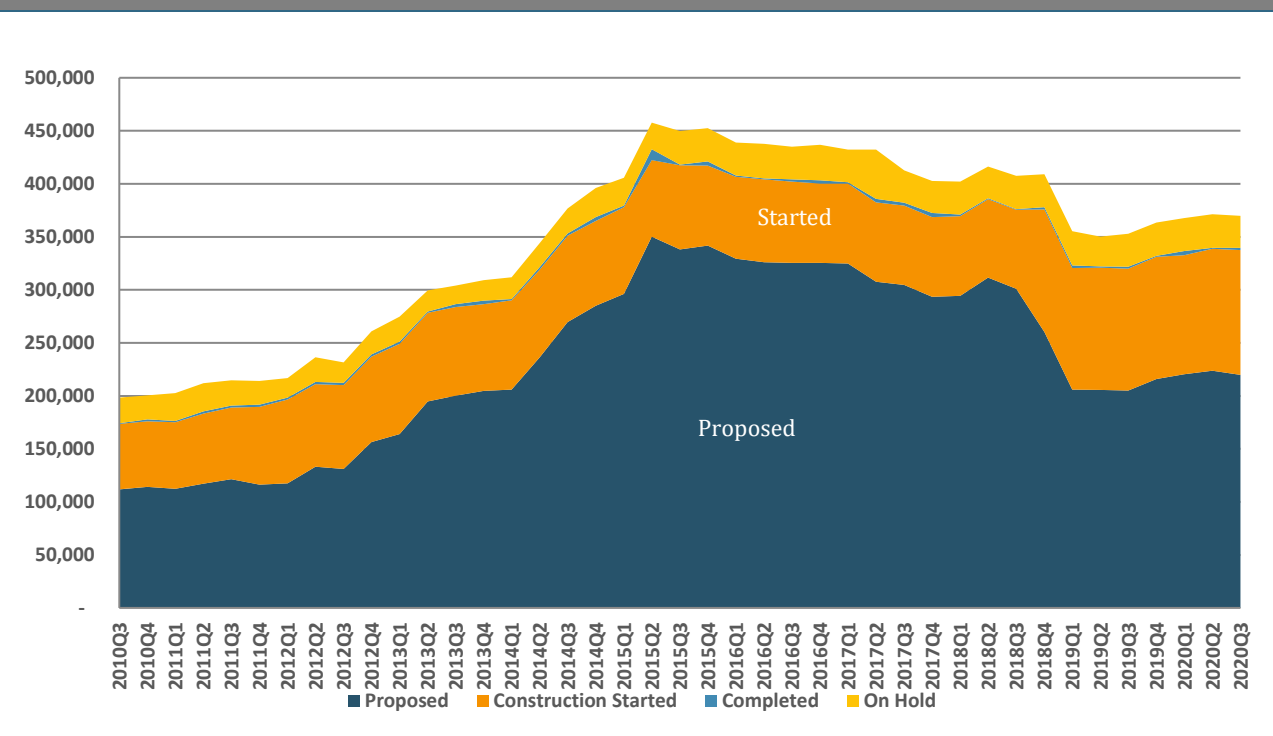
Note: Average project value is the average of those projects for which there is a cost estimate. An average year in inventory is the average time span between the projects as first recorded in the MPI and the current period. Regional details provided in Exhibit 2.6.

# B.C. MAJOR PROJECTS INVENTORY – Q3 2020

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

Development Region	Proposed	Started	Completed	On Hold	Total	Change from the previous quarter	Change from the previous year
1. Vancouver Island/Coast	13,611	11,619	116	5,508	30,854	-1.2%	-0.9%
2. Mainland/Southwest	52,388	30,359	1257	500	84,504	-1.5%	14.4%
3. Thompson-Okanagan	4,394	12,962	743	1,338	19,437	0.2%	-5.0%
4. Kootenay	2,633	3,554	0	1,420	7,607	0.0%	-16.0%
5. Cariboo	10,416	4567	0	300	15,283	-0.3%	46.2%
6. North Coast	116,438	36337	0	11,981	164,756	0.0%	0.5%
7. Nechako	4,559	299	0	2,195	7,053	0.9%	-0.1%
8. Northeast	15,229	18,063	48	7,001	40,341	0.0%	9.3%
<b>Total</b>	<b>219,668</b>	<b>117,760</b>	<b>2164</b>	<b>30,243</b>	<b>369,835</b>	<b>-0.4%</b>	<b>4.8%</b>

Exhibit 2.7 Estimated Cost Trends in B.C. Major Projects (\$ M)



# B.C. ECONOMY

## 3. B.C. Economy

**Exhibit 3.1 Economic Activity**

	2020	2021	2022	2023	2024
<b>Real GDP</b>	+2.0 %	+1.9 %	+1.9 %	+1.9 %	+2.2 %

Source: B.C. Budget and Fiscal Plan 2020/21 – 2022/23

	Most Recent Period	Amount	Change from previous month	Change from previous year	Data Type
<b>Retail trade (\$ M)</b>	Sep-20	7,786	1.7%	8.0%	seasonally adjusted
<b>Manufacturing sales (\$ M)</b>	Oct-20	4,672	1.5%	8.8%	seasonally adjusted
<b>Residential - building permits (\$ M)</b>	Oct-20	804	-12.0%	-16.1%	seasonally adjusted
<b>Residential - housing starts (units)</b>	Oct-20	28,313	-7.6%	-14.0%	seasonally adjusted at annual rates
<b>Non-Residential building permits (\$ M)</b>	Oct-20	431	3.8%	17.2%	seasonally adjusted
<b>Exports - all merchandise (\$ M)</b>	Oct-20	3,552	4%	6.5%	seasonally adjusted
<b>Prices</b>					
<b>B.C. Consumer price index (2002=100)</b>	Oct-20	132.9	0.1%	2.2%	not seasonally adjusted
<b>Exchange rate</b>	Nov-20	US 0.77	1.1%	1.3%	not seasonally adjusted
<b>Average 5-year residential mortgage rate</b>	Sep-20	3.51%	-0.06p.p.	-0.56p.p.	not seasonally adjusted
<b>Labour Market</b>					
<b>Employment</b>	Nov-20	2,501,700	2.2%	-1.8%	seasonally adjusted
<b>Unemployment rate</b>	Nov-20	7.1%	-0.9p.p.	2.1p.p.	seasonally adjusted
<b>Participation rate</b>	Nov-20	64.2%	-0.1p.p.	-0.8p.p.	seasonally adjusted
<b>Average weekly earnings</b>	Nov-20	1069.68	0.2%	4.5%	seasonally adjusted

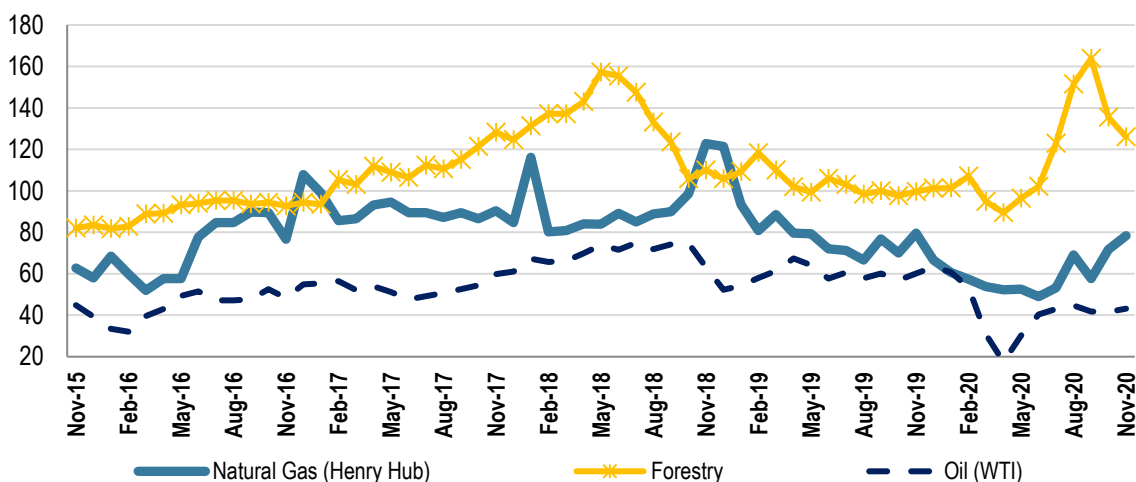
Source: Statistics Canada & Bank of Canada

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

# B.C. ECONOMY

Exhibit 3.2 Key Commodity Prices

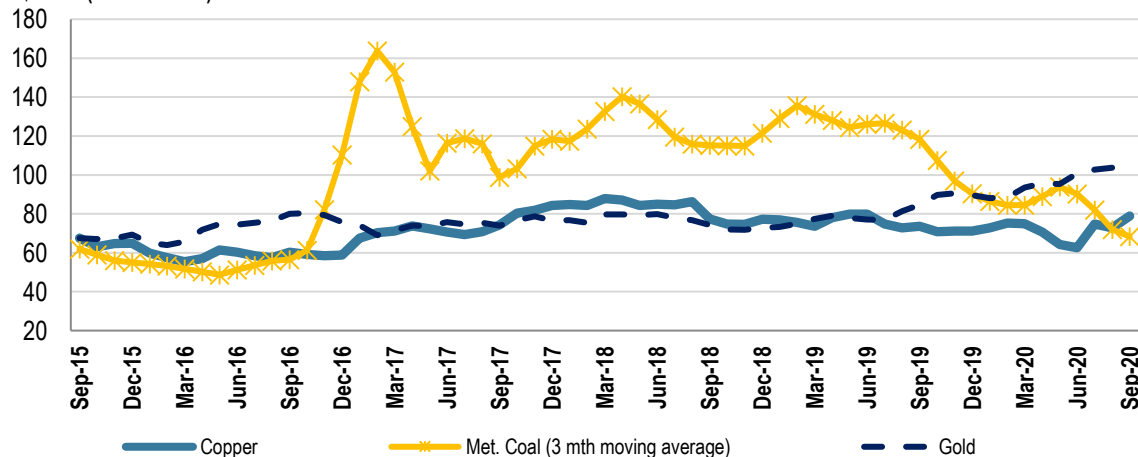
US\$ Index (Jan 2013=100)



Source: Forestry from Bank of Canada, Natural Gas and Oil from U.S. Energy Information

- The forestry price index decreased by 6.9% in November 2020 and it is 26.6% higher than a year ago.
- Natural gas jumped to US\$2.61/mm BTU, 1.5 per cent decrease from the previous year.
- Oil (WTI) increased 3.9% to US\$40.94/bbl in September while down by 28.2% from a year ago.

US\$ Index (Jan 2013=100)



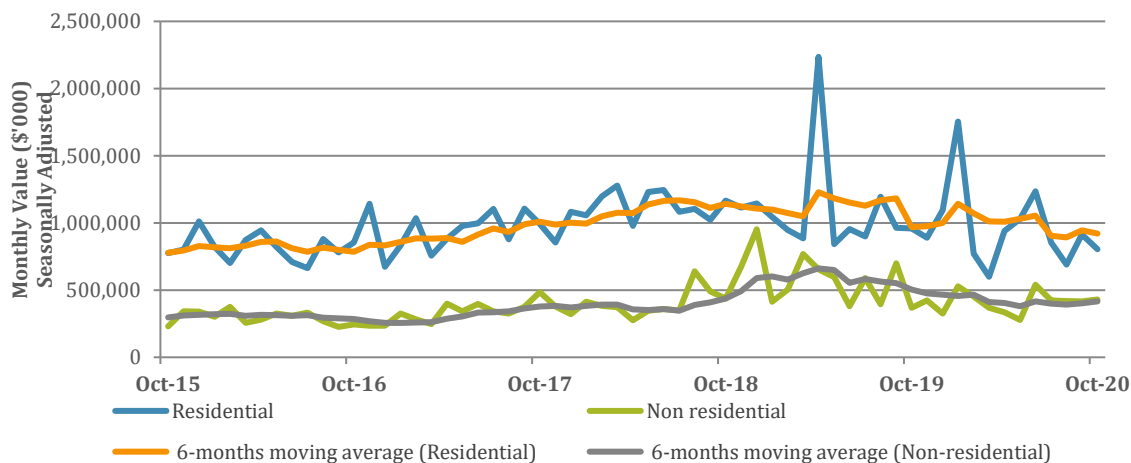
Source: B.C. Ministry of Energy and Mines, monthly average of daily values. Met. Coal: quarterly average to March

- Copper experienced a jump in price to US\$3.2 per lb as of November 2020 and up by 20.3% from previous year.
- Gold increased by 26.8% from the previous year while decreased by 2.0 percent from a month ago.
- Metallurgical coal (3-month moving average) decreased by 1.4% in November, and down 18.5% from the previous year.



# B.C. ECONOMY

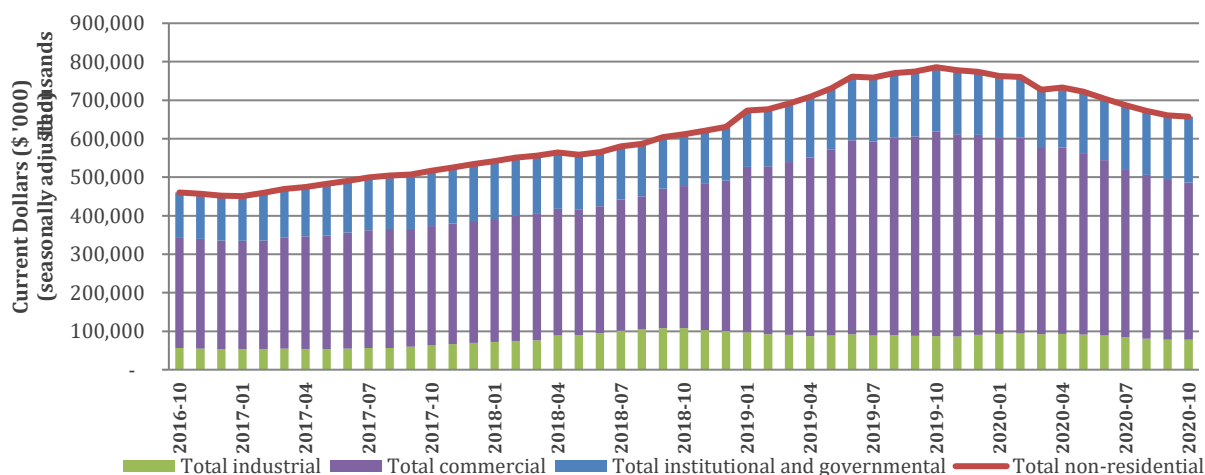
Exhibit 3.3 Value of Building Permits



Source: Statistics Canada

In October 2020, an average of over \$1.3 billion worth of building permits was issued in B.C. (based on 6-month moving average, slightly decrease (0.5%) compared to the previous month and 9.2% decrease compared to the same month in the previous year.

Exhibit 3.4 Investment in Non-Residential Building Construction



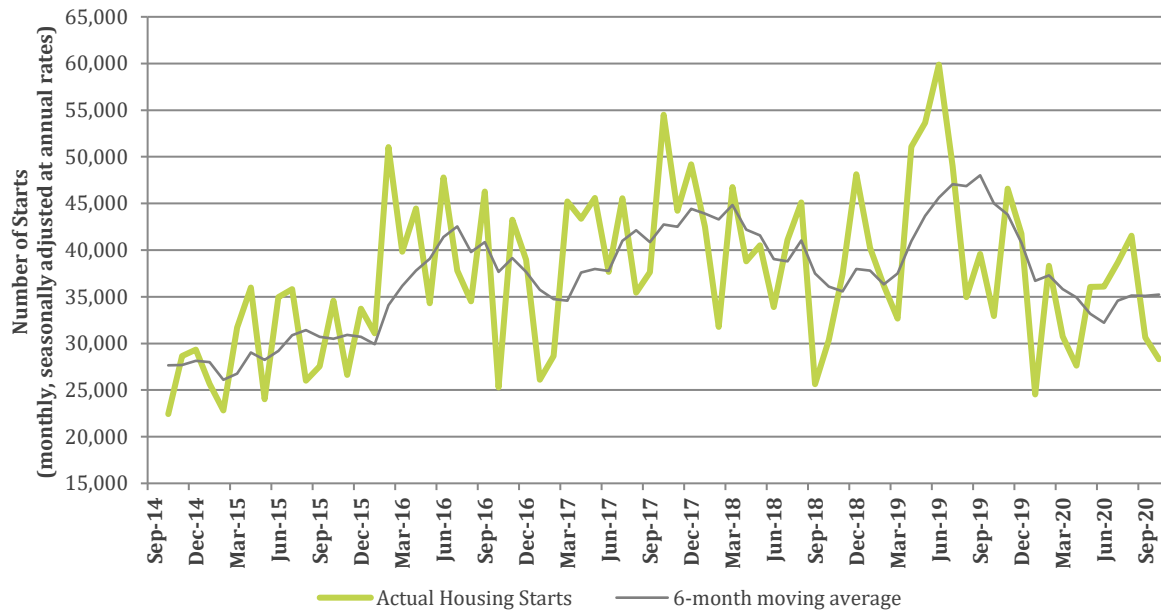
Source: Statistics Canada

B.C. spending in non-residential building construction decreased by 0.4% from the previous month and down 16.3% from the previous year. The current level of non-residential building investment in October 2020 was \$658 M.

Note that this is the building investment only and does not include infrastructure investment.

# B.C. ECONOMY

Exhibit 3.5 B.C. Housing Starts

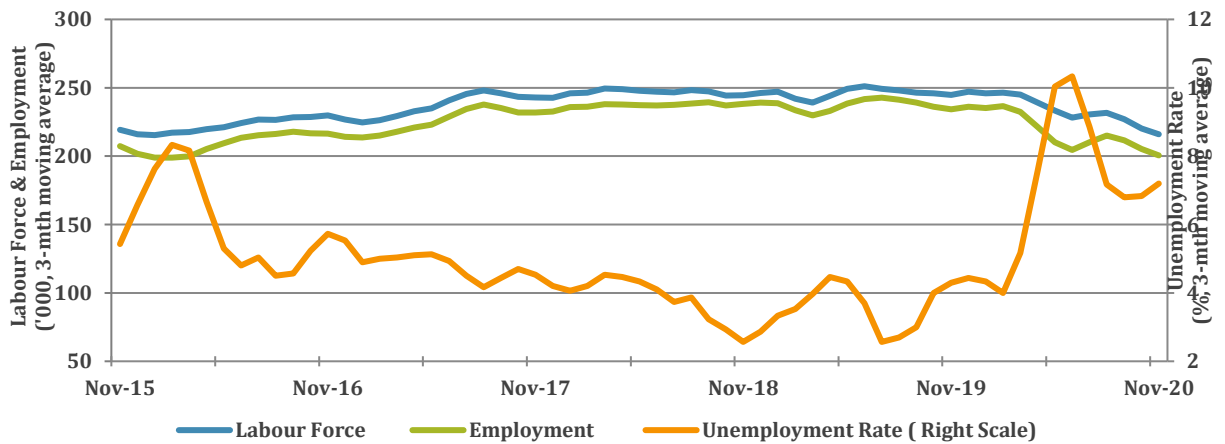


Source: Canada Mortgage and Housing Corporation (CMHC)

Note: All housing starts are the sum of the major centres with populations more than 10,000.

B.C.'s seasonally adjusted annualized housing starts decreased to 28,313 units in October 2020 (7.6% decrease from September). The 6-month moving average of the series was slightly higher than the previous month (0.3%) while declining by 21.7% from the previous year.

Exhibit 3.6 B.C. Construction Industry Employment

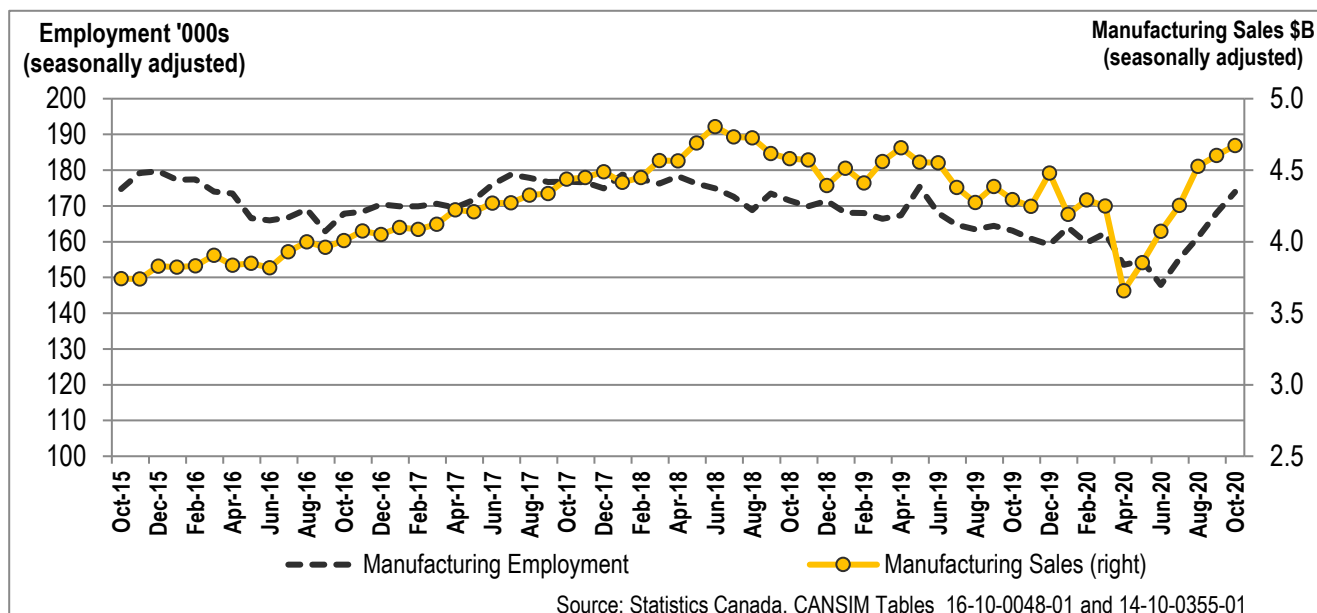


Source: Statistics Canada; North American Industry Classification System (NAICS 23), not seasonally adjusted

Employment in the construction sector in November 2020 decreased by 14.4% and the labour force experienced a 11.7% decline compared to the previous year. The unemployment rate in B.C.'s construction industry increased by 2.9 percentage points compared to November 2019.

# B.C. ECONOMY

Exhibit 3.7 Manufacturing Sales

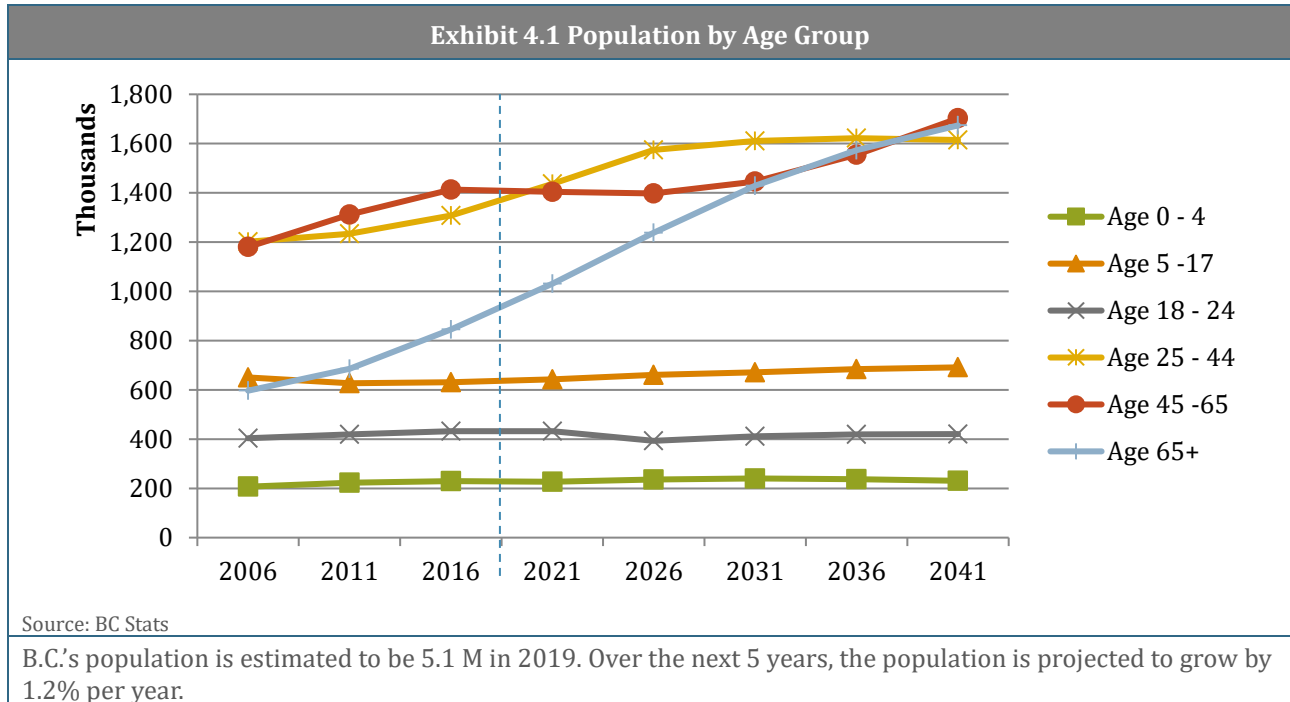


Source: Statistics Canada. CANSIM Tables 16-10-0048-01 and 14-10-0355-01

In October 2020, B.C.'s manufacturing sales was up by 1.5% to \$4.67 B from the previous month. In comparison to October 2019, sales was up by 8.8%. Manufacturing employment started to recover from pandemic shock since July 2020 and reached 173,900 in October.

# B.C. DEMOGRAPHICS

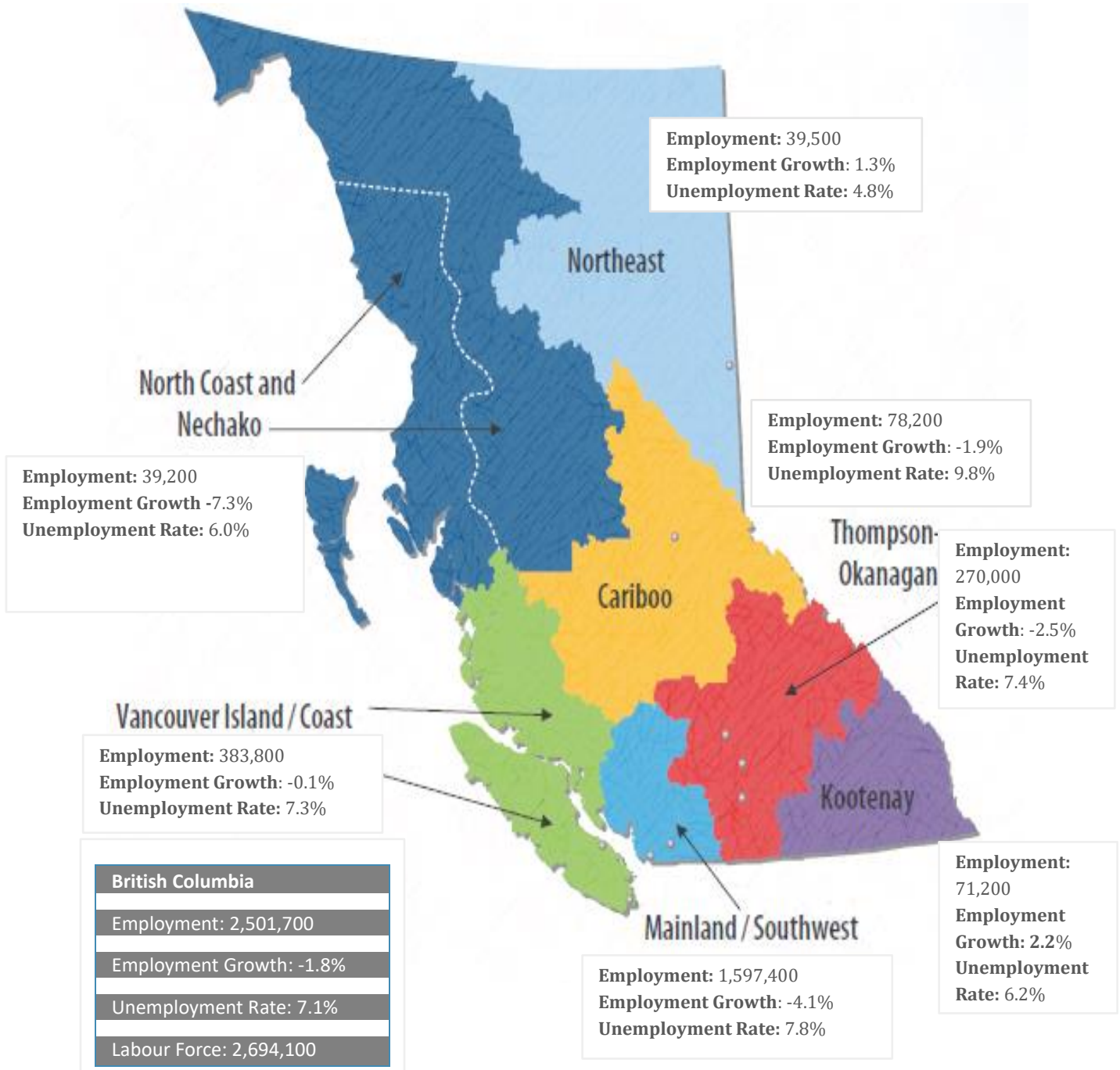
## 4. B.C. Demographics



# REGIONAL SUMMARIES

## 5. Regional Summaries

Regional Labour Market Statistics – September 2020



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.

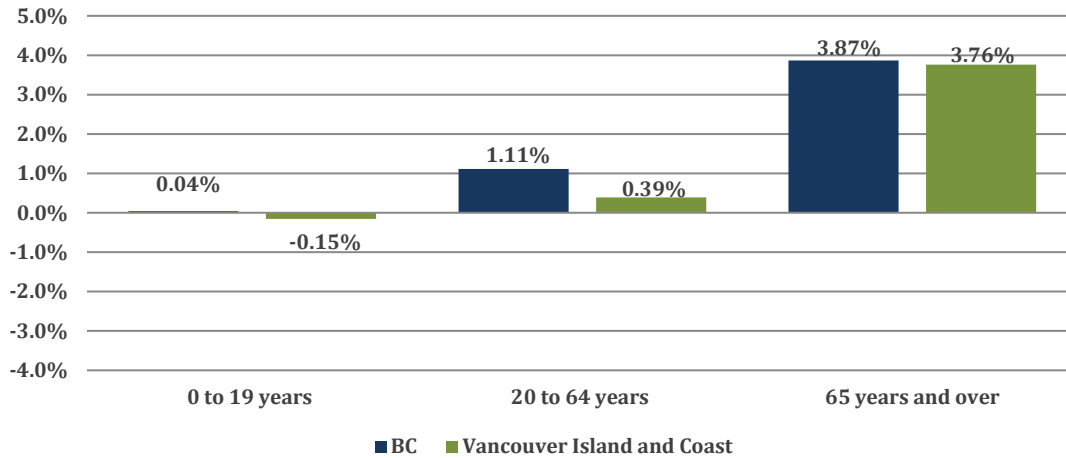
Source: Statistics Canada

# VANCOUVER ISLAND/COAST REGION

## 6. Vancouver Island/Coast Region

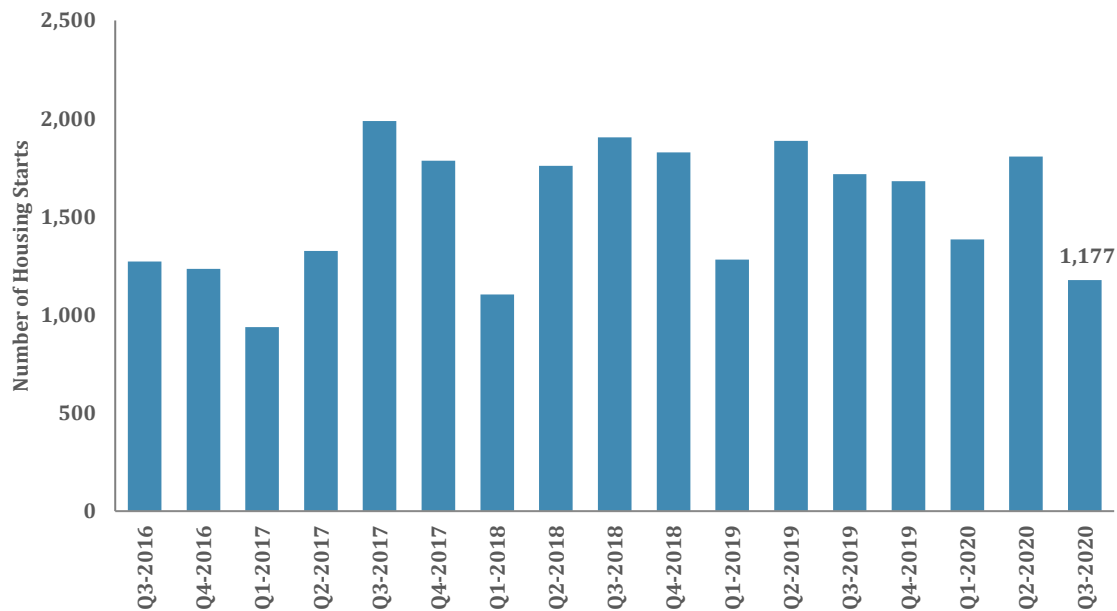
### Key Economic Indicators

Exhibit 6.1 Population Growth 2018 - 2019



Source: BC Stats

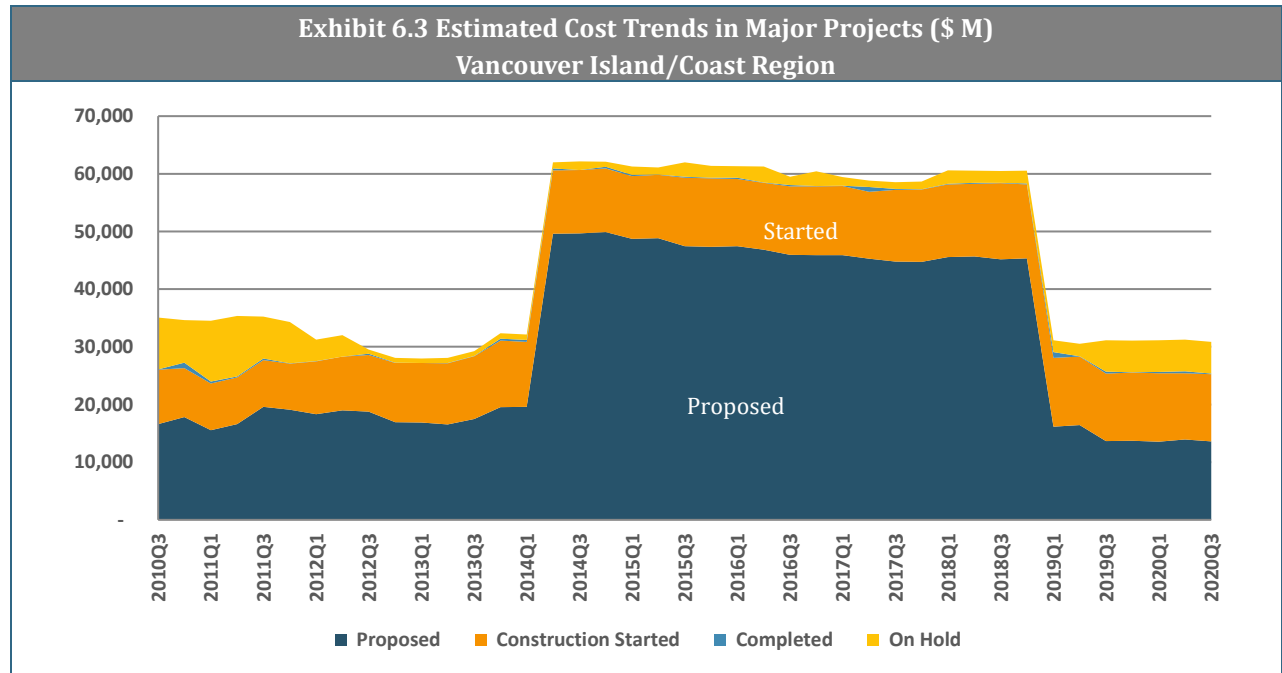
Exhibit 6.2 Housing Starts



Source: CMHC

# VANCOUVER ISLAND/COAST REGION

## Trends in Major Projects



- In Q3 2020, the Vancouver Island/Coast region has a total of 151 major projects with a combined value of \$30.9B, a 1.2% decrease from the second quarter of 2020 and slightly down (0.9%) from the previous year.
- Spencer Road Affordable Housing in Langford is newly proposed and added to the inventory this quarter.
- Two projects are completed: Highway 1 Admirals/McKenzie Interchange (\$96 M) in Saanich and Ironworks Condominium (\$20 M) in Victoria.
- 930 Fort Street Condominium (\$15 M) in Victoria was put on hold.
- There are 4 projects that began construction in this quarter: Pexsien Elementary and Centre Mountain Lellum Middle Schools (\$89 M) in Langford, Highway 14 Corridor Improvements (\$86 M) in Langford, Harbourview Condominiums (\$60 M) in Nanaimo and Jordan - Upgrade Governor & Pressure Regulating Valve (PRV) Controls Project (\$15 M) in Sooke .

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

Status	2019Q3	2019Q4	2020Q1	2020Q2	2020Q3	Change from the previous quarter	Change from the previous year
Proposed	13,665	13,733	13,559	13,948	<b>13,611</b>	-2.4%	-0.4%
Construction started	11,693	11,807	11,878	11,485	<b>11,619</b>	1.2%	-0.6%
Completed	337	75	214	311	<b>116</b>	-62.7%	-65.6%
On hold	5,453	5,453	5,493	5,493	<b>5,508</b>	0.3%	1.0%
Grand Total	31,148	31,068	31,144	31,237	<b>30,854</b>	-1.2%	-0.9%



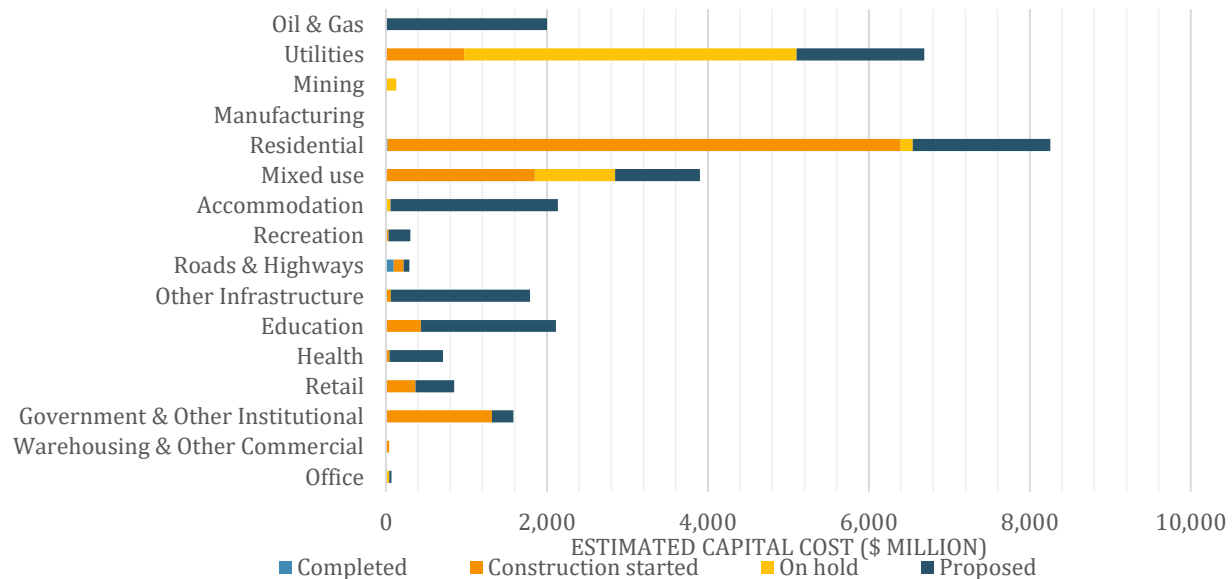
# VANCOUVER ISLAND/COAST REGION

**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
<b>Proposed</b>	<b>13,611</b>	<b>44%</b>	<b>83</b>	<b>177</b>	<b>6.4</b>
Preliminary/Feasibility	3,250	11%	19	181	6.1
Consultation/Approvals	6,070	20%	38	173	6.6
Permitting	618	2%	4	155	5.5
Tender/Preconstruction	452	1%	12	45	2.4
Stage Unknown	3221	10%	10	322	11.6
<b>On hold</b>	<b>5,508</b>	<b>18%</b>	<b>14</b>	<b>424</b>	<b>11.4</b>
Construction started	11,619	38%	52	228	7.9
<b>Completed</b>	<b>116</b>	<b>0%</b>	<b>2</b>	<b>58</b>	<b>3.8</b>
<b>Total</b>	<b>30,854</b>	<b>100%</b>	<b>151</b>	<b>216</b>	<b>7.4</b>

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.

**Exhibit 6.6 Major Projects Status, by Construction Subtype**  
Vancouver Island/Coast Region



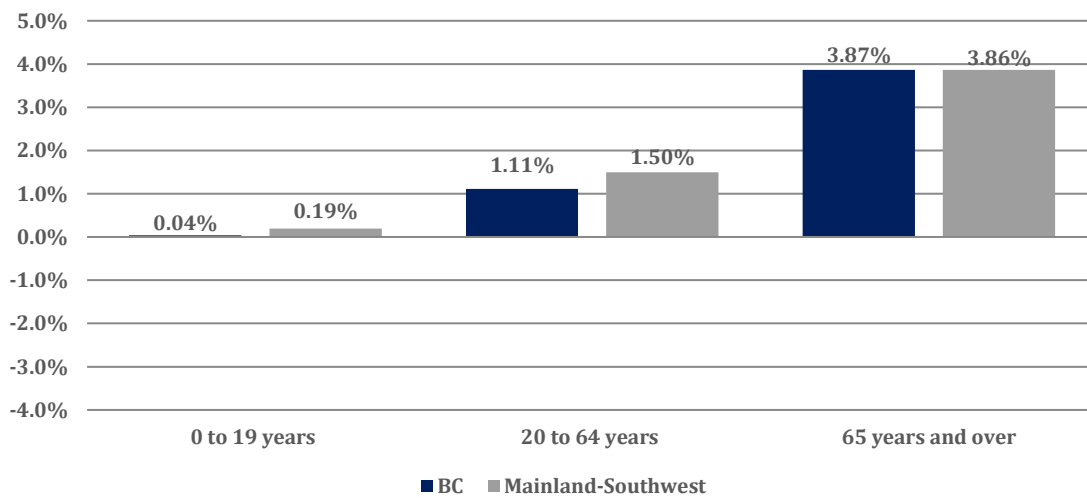
Note: Oil and Gas Extraction includes LNG

# MAINLAND/SOUTHWEST REGION

## 7. Mainland/Southwest Region

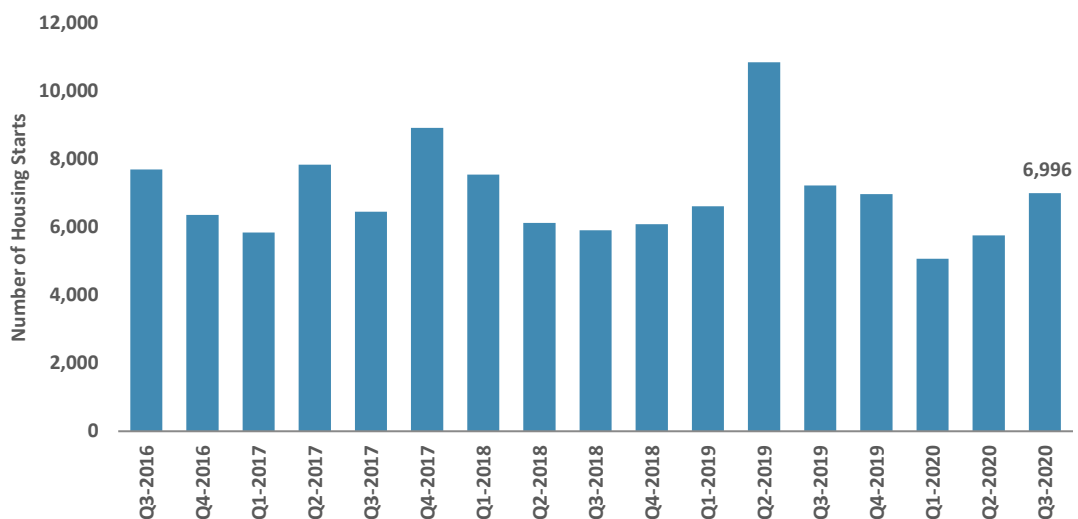
### Key Economic Indicators

Exhibit 7.1 Population Growth 2018 – 2019



Source: BC Stats

Exhibit 7.2 Housing Starts



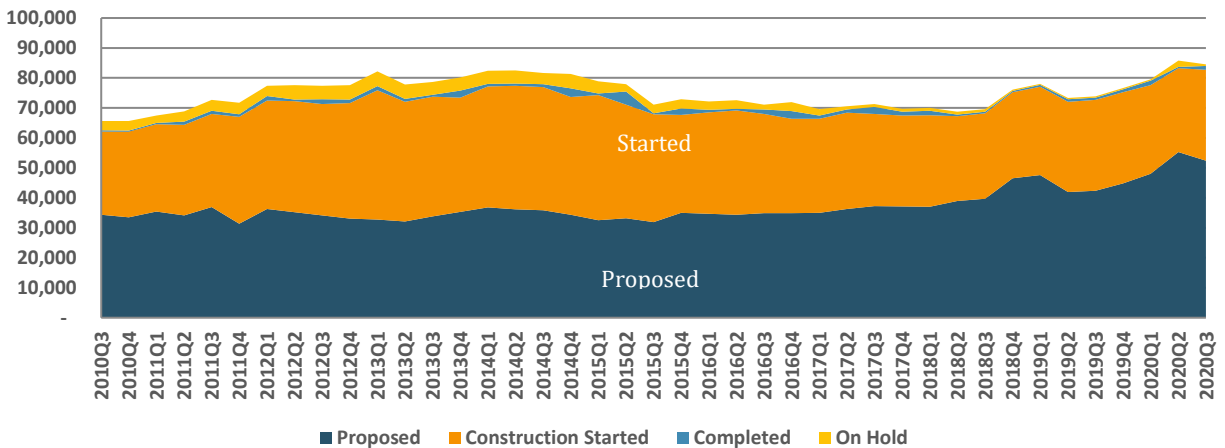
Source: CMHC

Note: The housing starts is the sum of the major centres: Abbotsford-Mission, Chilliwack, Squamish, and Vancouver.

# MAINLAND/SOUTHWEST REGION

## Trends in Major Projects

**Exhibit 7.3 Estimated Cost Trends in Major Projects (\$M)**  
Mainland/Southwest Region



- In Q3 2020, the Mainland/Southwest region has a total of 539 major projects with a combined value of \$84.5 B, representing a 1.5% decrease from the previous quarter and a 14.4% increase compared to the previous year.
- There are 13 newly proposed projects added to the MPI this quarter. Notable projects are Flavelle Mill Master Planned Community (\$300 M) in Port Moody and BCIT Student Housing Tall Timber House (\$115 M) in Coquitlam. See more new projects in Appendix 1.
- Thirteen major projects were completed in this quarter, such as BC Children's and Women's Hospital Redevelopment (\$696 M) in Vancouver, River Park Place Condominium Development (\$100 M) and Parc Riviera Riverfront Community (\$80 M) in Richmond. See more completed projects in Appendix 3.
- UBC - Brock Commons Student Residence - Phase 2 (\$108 M) in Vancouver was put on hold in this quarter
- Vancouver International Airport Upgrades (\$1.74 B) was cancelled due to Covid19.
- Seventeen major projects began construction in this quarter with total capital costs of \$3.6 B. The top three largest projects are Expo and Millennium Upgrade Program (\$1.5 B) in Vancouver and, Pattullo Bridge Replacement (\$1.37 B) in New Westminster. See more projects underway in Appendix 2.

**Exhibit 7.4 Estimated Cost Trends in Major Projects, by Project Status (\$ M)**  
Mainland/Southwest Region

Status	2019Q3	2019Q4	2020Q1	2020Q2	2020Q3	Change from the previous quarter	Change from the previous year
Proposed	42,324	44,804	48,052	55,261	<b>52,388</b>	-5.2%	23.8%
Construction started	30,335	30,474	29,547	28,021	<b>30,359</b>	8.3%	0.1%
Completed	812	932	1,529	371	<b>1,257</b>	238.8%	54.8%
On hold	392	392	392	2135	<b>500</b>	-76.6%	27.6%
Grand Total	73,863	76,602	79,520	85,788	<b>84,504</b>	-1.5%	14.4%

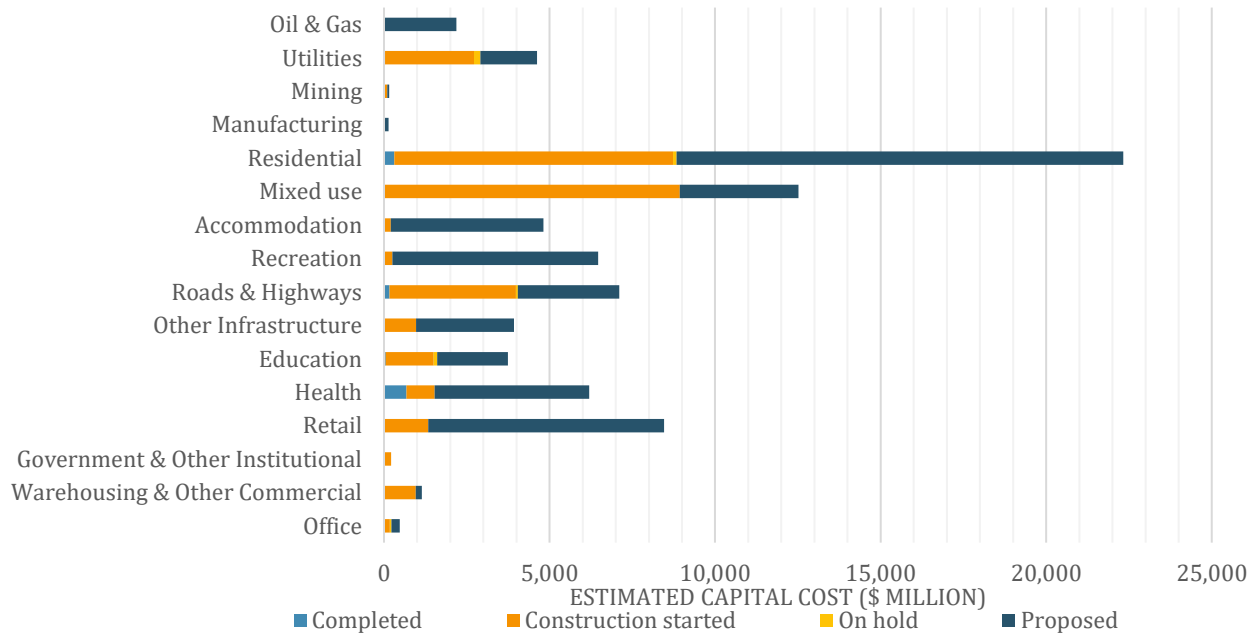
# MAINLAND/SOUTHWEST REGION

**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
<b>Proposed</b>	<b>52,388</b>	<b>62%</b>	<b>274</b>	<b>212</b>	<b>4.9</b>
Preliminary/Feasibility	11,465	14%	65	208	4.0
Consultation/Approvals	25,201	30%	118	236	5.6
Permitting	2,259	3%	23	103	2.6
Tender/Preconstruction	5,951	7%	46	142	3.5
Stage Unknown	7,512	9%	22	358	8.9
<b>On Hold</b>	<b>500</b>	<b>1%</b>	<b>10</b>	<b>56</b>	<b>10.3</b>
<b>Construction Started</b>	<b>30,359</b>	<b>36%</b>	<b>241</b>	<b>131</b>	<b>5.0</b>
<b>Completed</b>	<b>1,257</b>	<b>1%</b>	<b>13</b>	<b>97</b>	<b>5.3</b>
<b>Total</b>	<b>84,504</b>	<b>100%</b>	<b>538</b>	<b>169</b>	<b>5.1</b>

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.

**Exhibit 7.6 Major Projects Status, by Construction Subtype**  
Mainland/Southwest Region



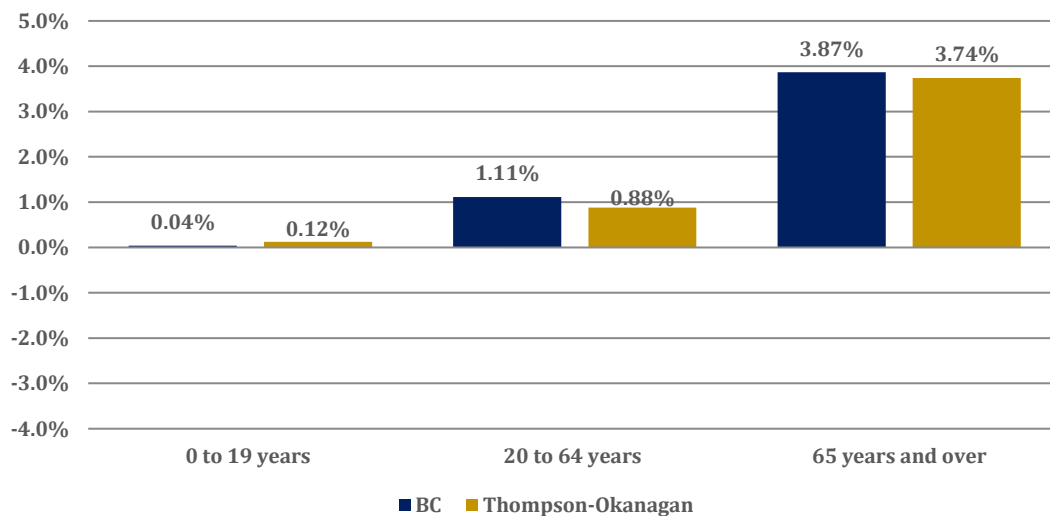
Note: Oil and Gas Extraction includes LNG

# THOMPSON - OKANAGAN REGION

## 8. Thompson - Okanagan Region

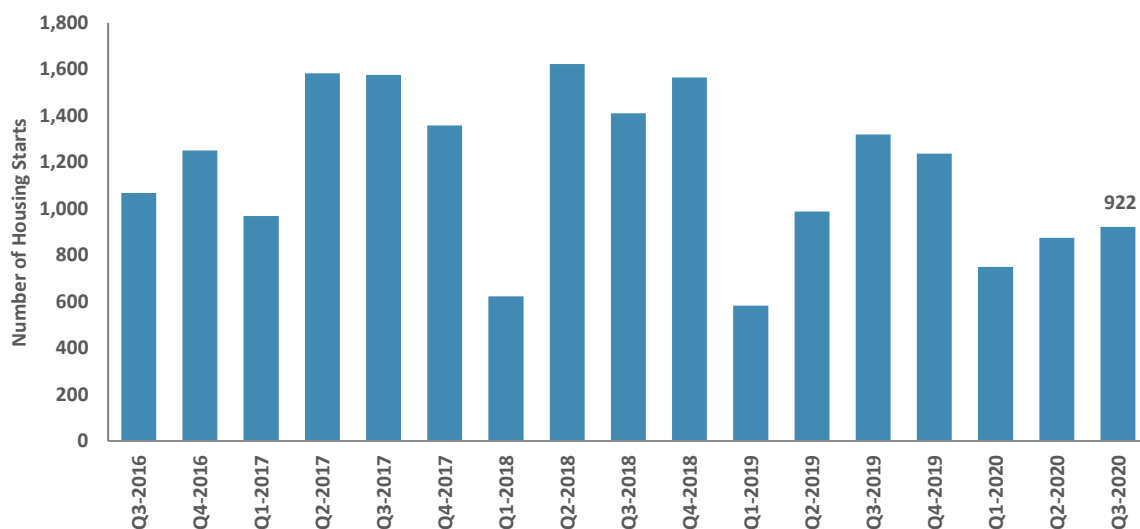
### Key Economic Indicators

Exhibit 8.1 Population Growth 2018 - 2019



Source: BC Stats

Exhibit 8.2 Housing Starts



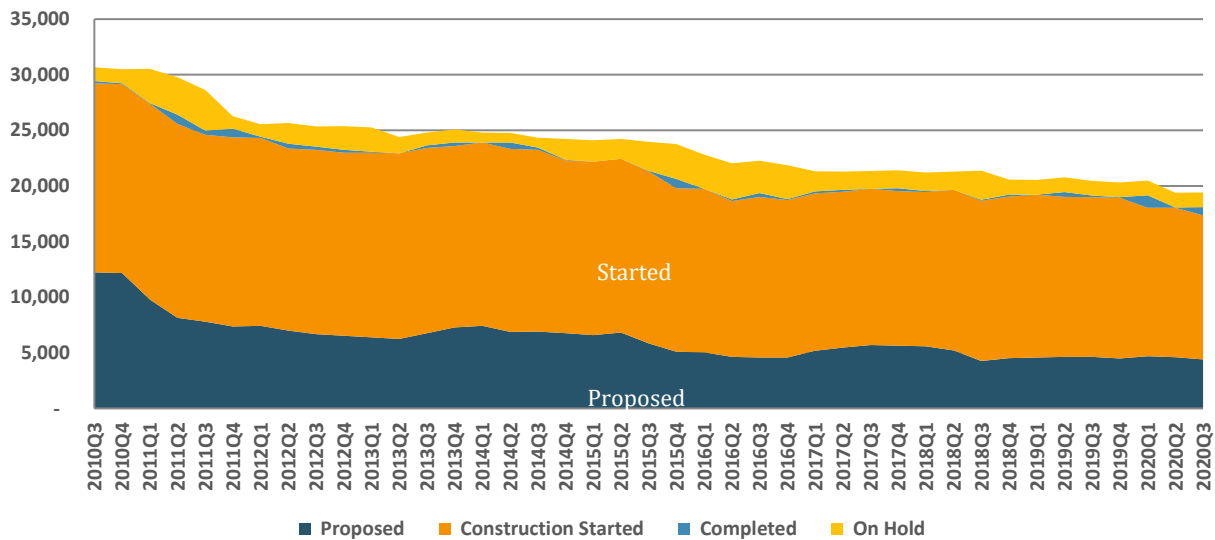
Source: CMHC

Note: The housing starts is the sum of the major centres: Cranbrook, Kamloops, Kelowna, Penticton, Salmon Arm, Summerland, and Vernon.

# THOMPSON - OKANAGAN REGION

## Trends in Major Projects

Exhibit 8.3 Estimated Cost Trends in Major Projects (\$M)  
Thompson-Okanagan Region



- In Q3 2020, the Thompson-Okanagan region has a total of 105 major projects with a combined value of \$19.4 B, slight increase (0.2%) from the previous quarter while having a 5% decline compared to the previous year.
- Vernon Supportive Housing (\$30 M) in Vernon, Keremeos Affordable Housing (\$15 M) in Keremeos and Benvoulin Court Affordable Housing in Kelowna are newly proposed projects in this quarter.
- Five major projects were completed in this quarter, such as Sun Peaks Ski Resort (\$635 M) in Kamloops area, Westside Road Improvements (\$45 M) and UBC Okanagan - Skeena Residence (\$25 M) in Kelowna. See more completed projects in Appendix 3.
- Highway 1 - Chase 4-Laning (\$260 M) in Chase and Kamloops Affordable Housing (\$15 M) in Kamloops began construction in this quarter.

Exhibit 8.4 Estimated Cost Trends in Major Projects, by Project Status (\$ M)  
Thompson-Okanagan Region

Status	2019Q3	2019Q4	2020Q1	2020Q2	2020Q3	Change from the previous quarter	Change from the previous year
Proposed	4,628	4,480	4,680	4,609	4,394	-4.7%	-5.1%
Construction started	14,358	14,447	13,357	13,431	12,962	-3.5%	-9.7%
Completed	139	52	1127	20	743	3615.0%	434.5%
On hold	1,338	1,338	1,338	1,338	1,338	0.0%	0.0%
Grand Total	20,463	20,317	20,502	19,398	19,437	0.2%	-5.0%

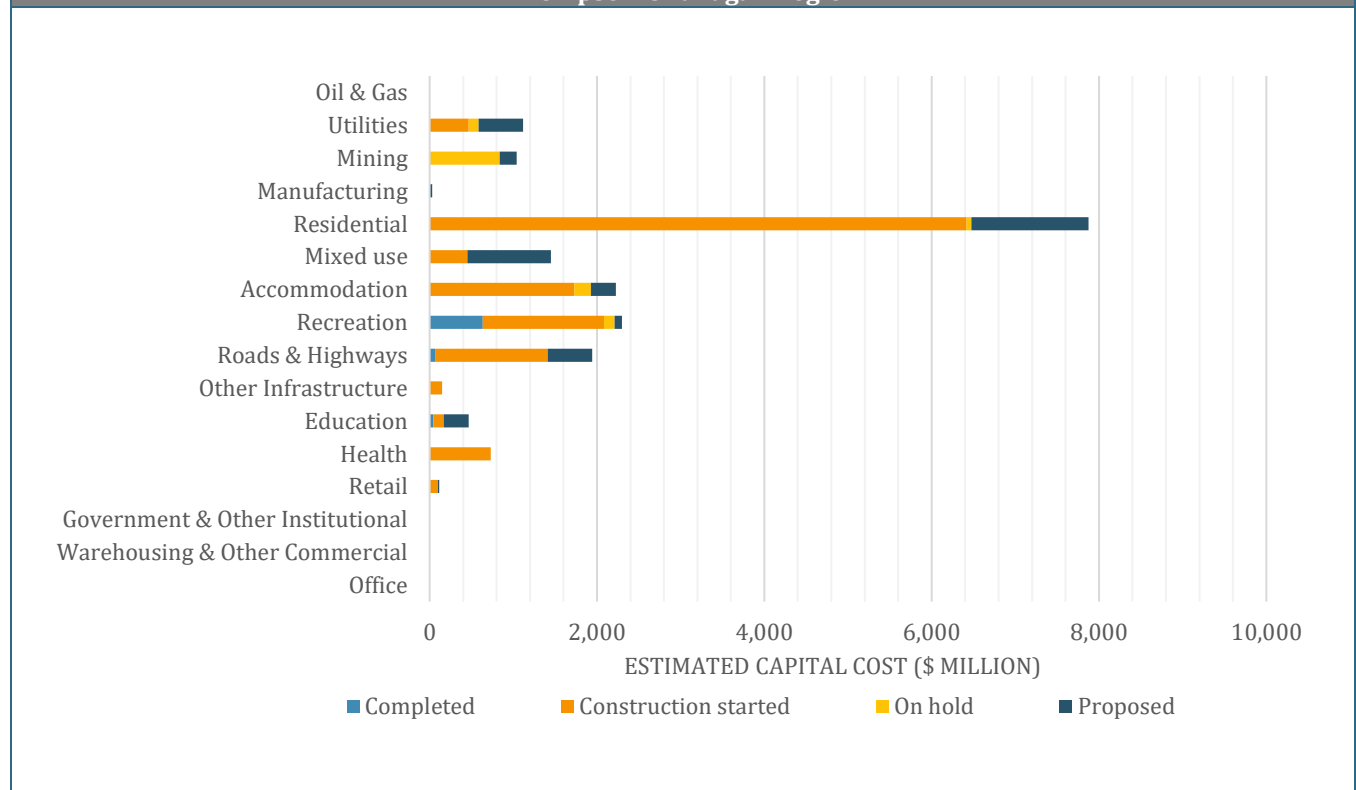
# THOMPSON - OKANAGAN REGION

**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
<b>Proposed</b>	<b>4,394</b>	<b>23%</b>	<b>39</b>	<b>129</b>	<b>7.3</b>
Preliminary/Feasibility	913	5%	14	83	3.6
Consultation/Approvals	2,503	13%	11	228	11.3
Permitting	365	2%	3	122	12.8
Tender/Preconstruction	374	2%	6	75	3.2
Stage Unknown	239	1%	5	60	10.2
<b>On hold</b>	<b>1,338</b>	<b>7%</b>	<b>6</b>	<b>223</b>	<b>13.8</b>
<b>Construction started</b>	<b>12,962</b>	<b>67%</b>	<b>55</b>	<b>240</b>	<b>9.3</b>
<b>Completed</b>	<b>743</b>	<b>4%</b>	<b>5</b>	<b>149</b>	<b>7.0</b>
<b>Total</b>	<b>19,437</b>	<b>100%</b>	<b>105</b>	<b>196</b>	<b>8.7</b>

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.

**Exhibit 8.6 Major Projects Status, by Construction Subtype**  
**Thompson-Okanagan Region**



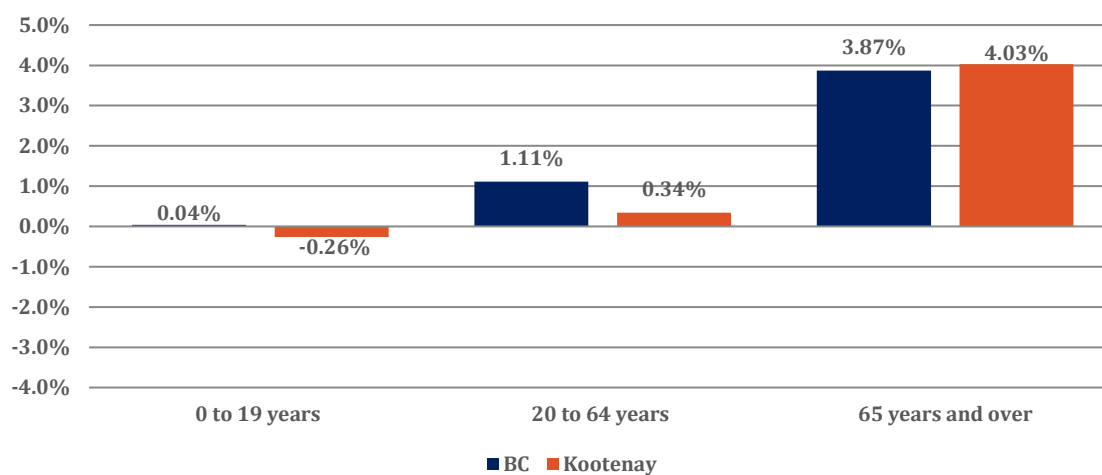


# KOOTENAY REGION

## 9. Kootenay Region

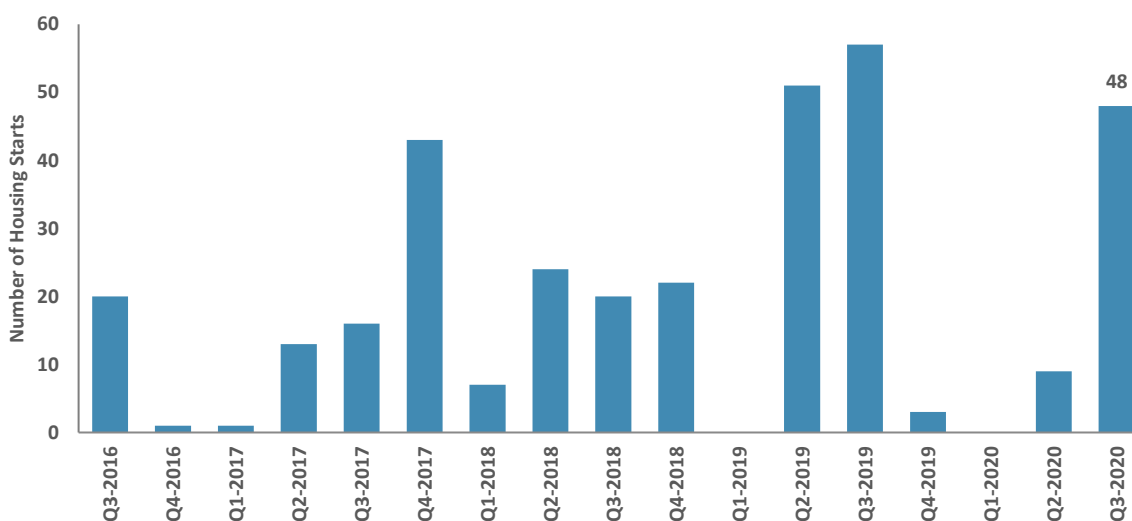
### Key Economic Indicators

Exhibit 9.1 Population Growth 2018 - 2019



Source: BC Stats

Exhibit 9.2 Housing Starts - Nelson

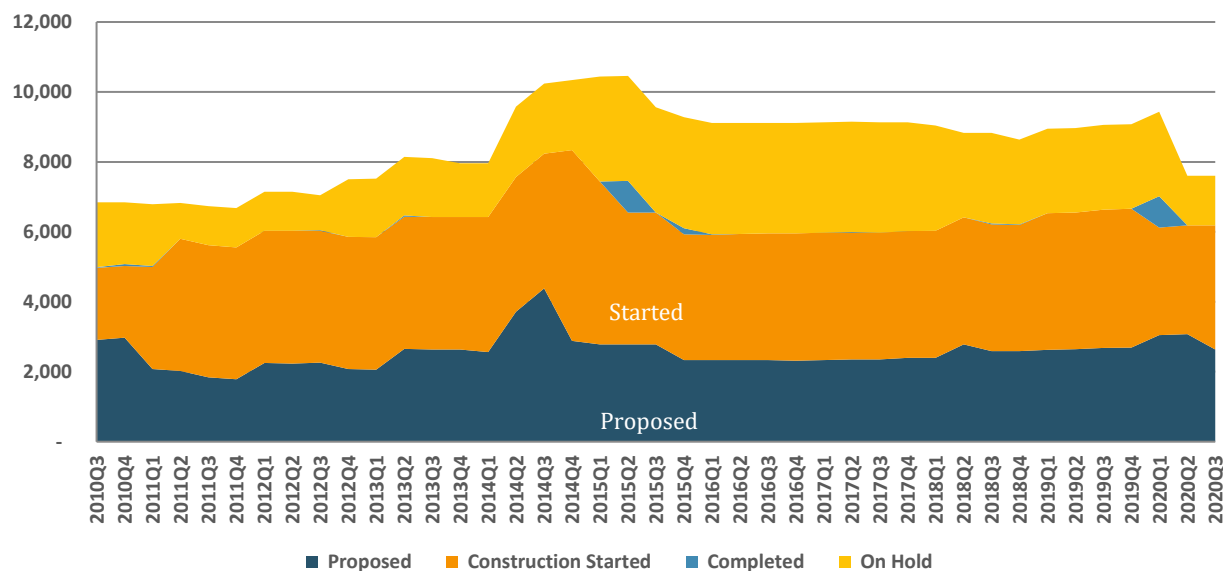


Source: CMHC

# KOOTENAY REGION

## Trends in Major Projects

**Exhibit 9.3 Estimated Cost Trends in Major Projects (\$M)**  
Kootenay Region



- In Q3 2020, the Kootenay region has a total of 30 major projects with \$7.6 B combined value, with the same level as the previous quarter. It represents a 16% decrease compared to the previous year.
- Inland Gas Upgrades (\$360 M) in Cranbrook and Sparwood, and Kootenay Lake Ferry Service Upgrade (\$85 M) in Balfour began construction in this quarter.

**Exhibit 9.4 Estimated Cost Trends in Major Projects, by Project Status (\$M)**  
Kootenay Region

Status	2019Q3	2019Q4	2020Q1	2020Q2	2020Q3	Change from the previous quarter	Change from the previous year
Proposed	2,684	2,688	3,048	3,078	2,633	-14.5%	-1.9%
Construction started	3,951	3,969	3,069	3,109	3,554	14.3%	-10.0%
Completed	-	-	900	-	-	0.0%	0.0%
On hold	2,420	2,420	2,420	1,420	1,420	0.0%	-41.3%
Grand Total	9,055	9,077	9,437	7,607	7,607	0.0%	-16.0%

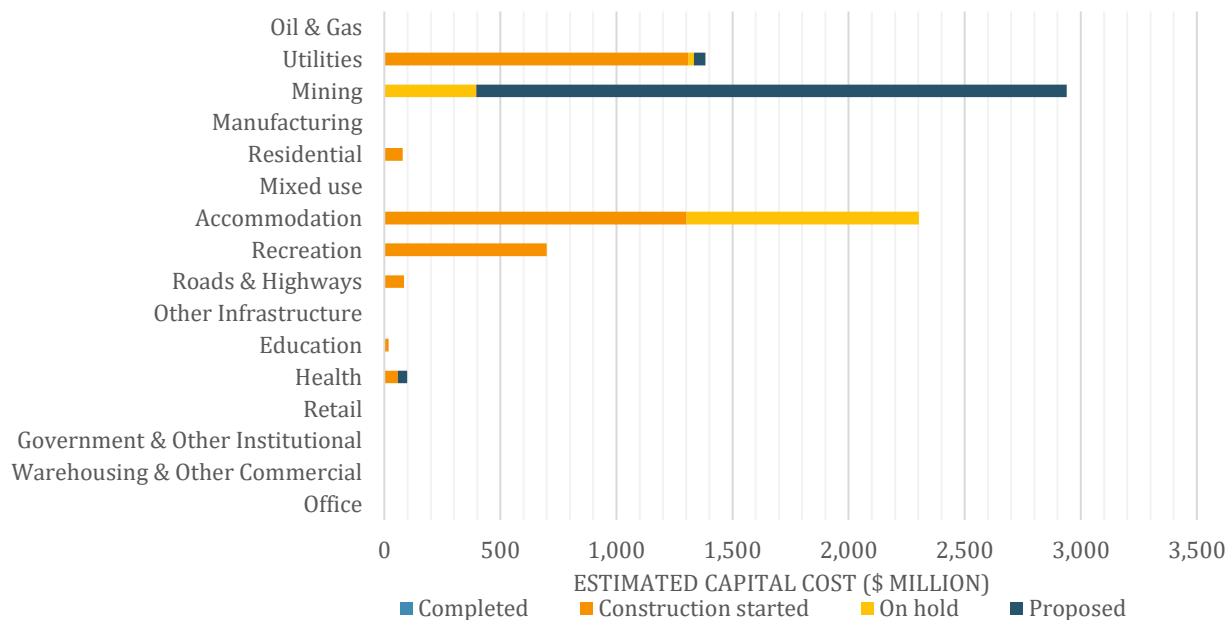
# KOOTENAY REGION

**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
<b>Proposed</b>	<b>2,633</b>	<b>35%</b>	<b>9</b>	<b>376</b>	<b>7.4</b>
Preliminary/Feasibility	39	1%	3	39	3.9
Consultation/Approvals	2,520	33%	4	630	10.0
Permitting	0	0%	0	0	0.0
Tender/Preconstruction	24	0%	1	24	3.6
Stage Unknown	50	1%	1	50	10.8
<b>On hold</b>	<b>1,420</b>	<b>19%</b>	<b>3</b>	<b>473</b>	<b>14.3</b>
Construction started	3,554	47%	18	197	12.2
Completed	0	0%	0	0	0.0
<b>Total</b>	<b>7,607</b>	<b>100%</b>	<b>30</b>	<b>272</b>	<b>11.0</b>

Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.

**Exhibit 9.6 Major Projects Status, by Construction Subtype**  
Kootenay Region

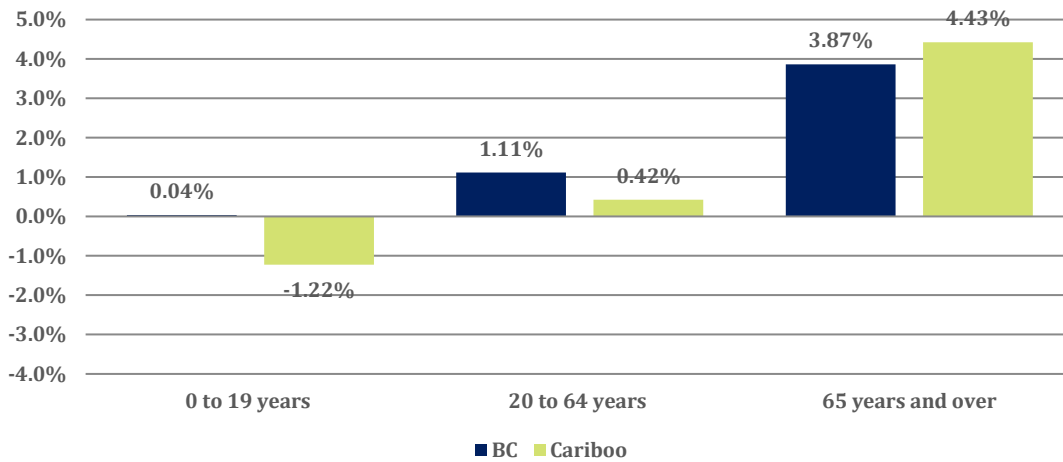


# CARIBOO REGION

## 10. Cariboo Region

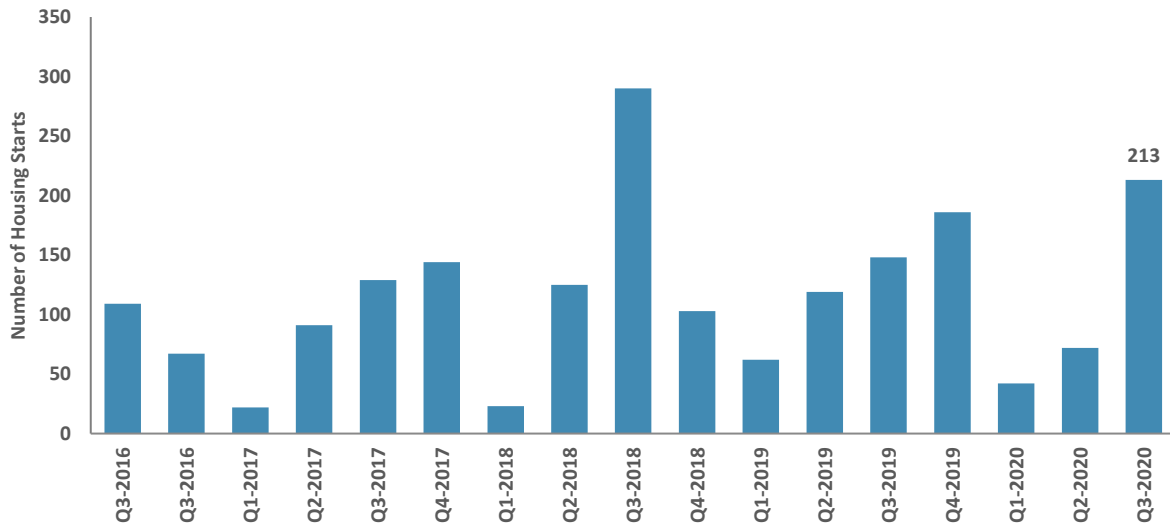
### Key Economic Indicators

Exhibit 10.1 Population Growth 2018 - 2019



Source: BC Stats

Exhibit 10.2 Housing Starts

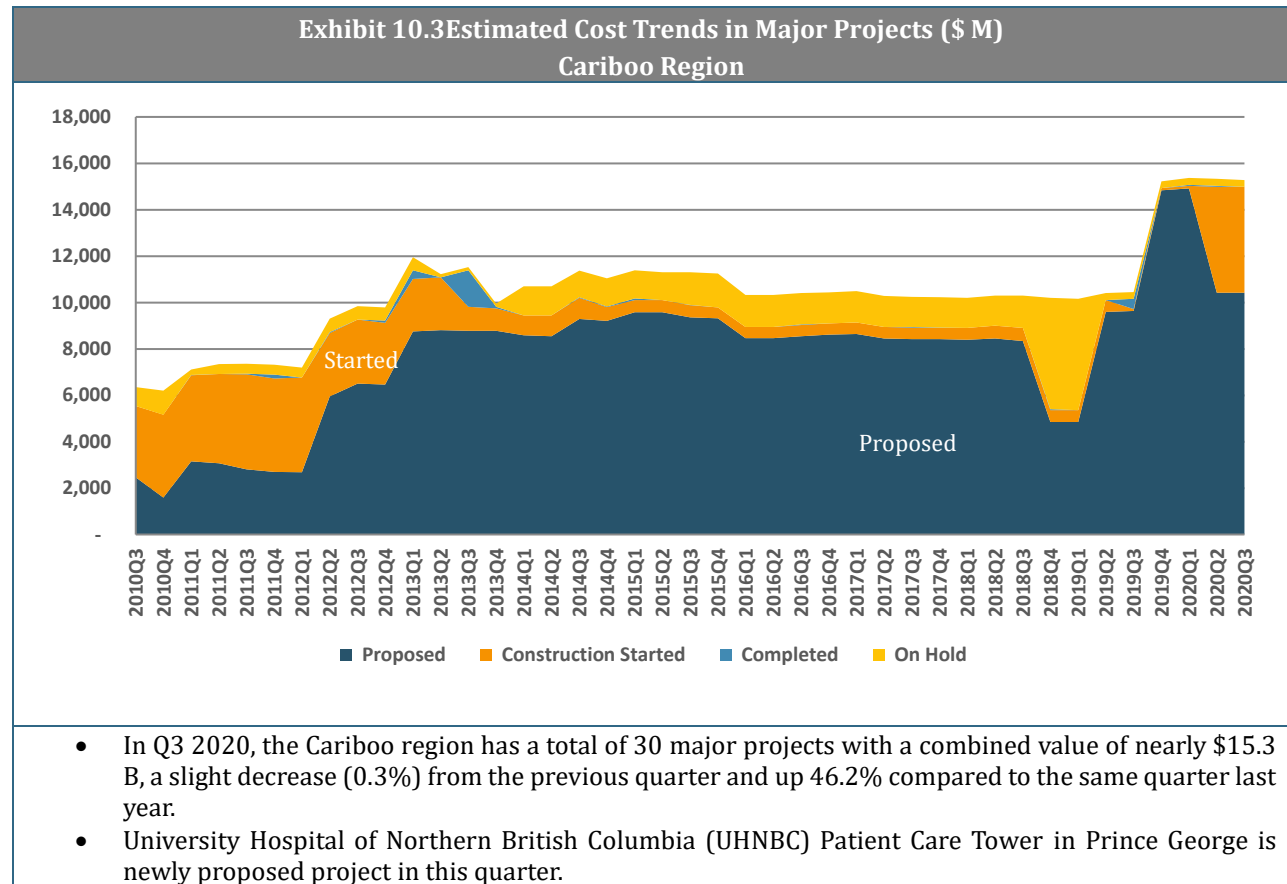


Source: CMHC

Note: The housing starts is the sum of the major centres: Prince George, Quesnel, and Williams Lake

# CARIBOO REGION

## Trends in Major Projects



**Exhibit 10.4 Estimated Cost Trends in Major Projects, by Project Status (\$M)**  
Cariboo Region

Status	2019Q3	2019Q4	2020Q1	2020Q2	2020Q3	Change from the previous quarter	Change from the previous year
Proposed	9,640	14,840	14,916	10,416	<b>10,416</b>	0.0%	8.0%
Construction started	74	87	111	4567	<b>4567</b>	0.0%	6071.6%
Completed	440	0	43	44	<b>0</b>	0.0%	0.0%
On hold	300	300	300	300	<b>300</b>	0.0%	0.0%
Grand Total	10,454	15,227	15,370	15,327	<b>15,283</b>	-0.3%	46.2%

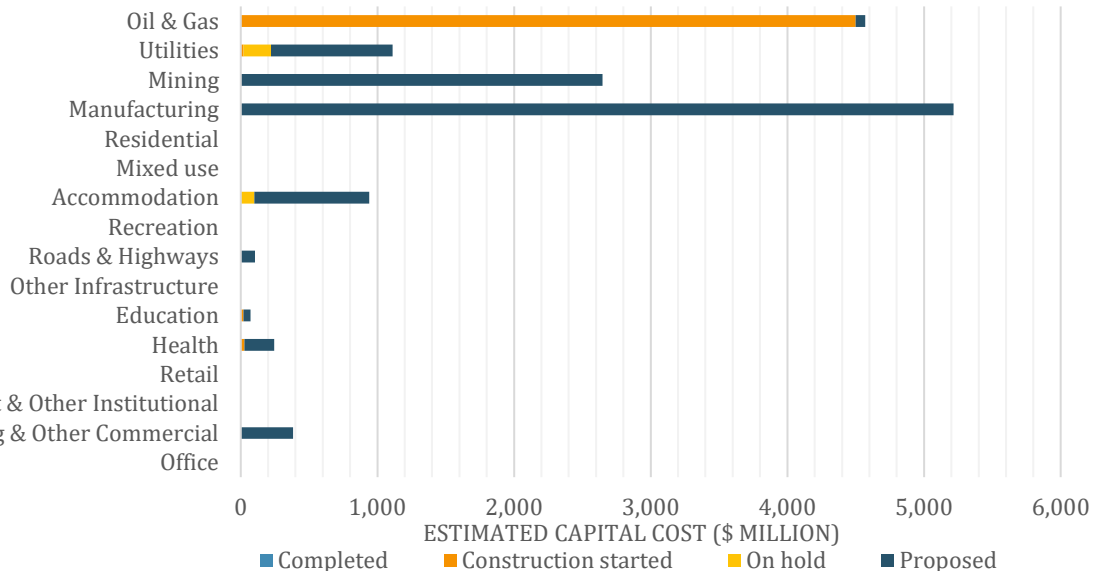
# CARIBOO REGION

**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
<b>Proposed</b>	<b>10,416</b>	<b>68%</b>	<b>24</b>	<b>521</b>	<b>7.7</b>
Preliminary/Feasibility	6,192	41%	8	1238	4.7
Consultation/Approvals	3,939	26%	10	438	8.9
Permitting	0	0%	0	0	0.0
Tender/Preconstruction	215	1%	3	72	7.8
Stage Unknown	70	0%	3	23	11.5
<b>On hold</b>	<b>300</b>	<b>2%</b>	<b>2</b>	<b>150</b>	<b>16.5</b>
Construction started	4567	30%	4	1142	4.7
Completed	0	0%	0	0	0.0
<b>Total</b>	<b>15,283</b>	<b>100%</b>	<b>30</b>	<b>588</b>	<b>7.9</b>

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.

**Exhibit 10.6 Major Projects Status, by Construction Subtype**  
**Cariboo Region**



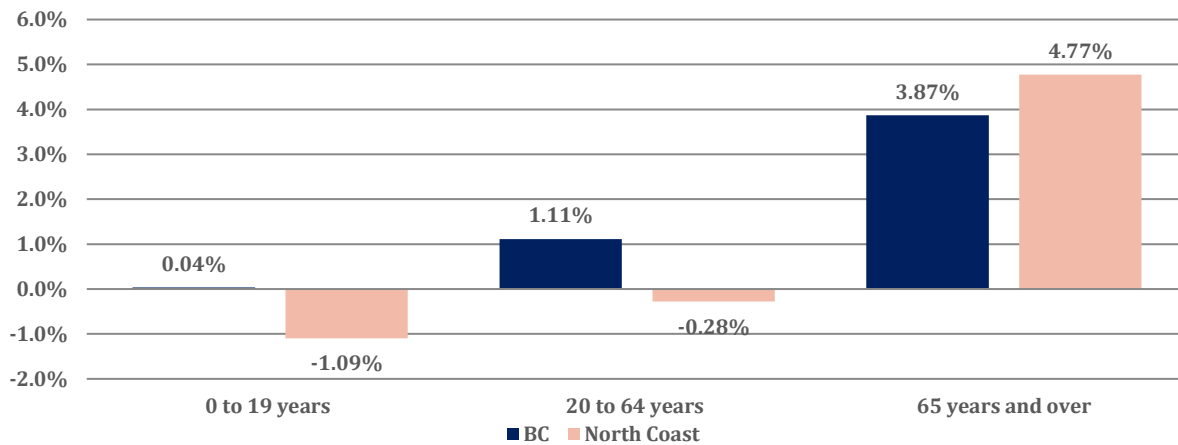
Note: Oil and Gas Extraction includes LNG

# NORTH COAST REGION

## 11. North Coast Region

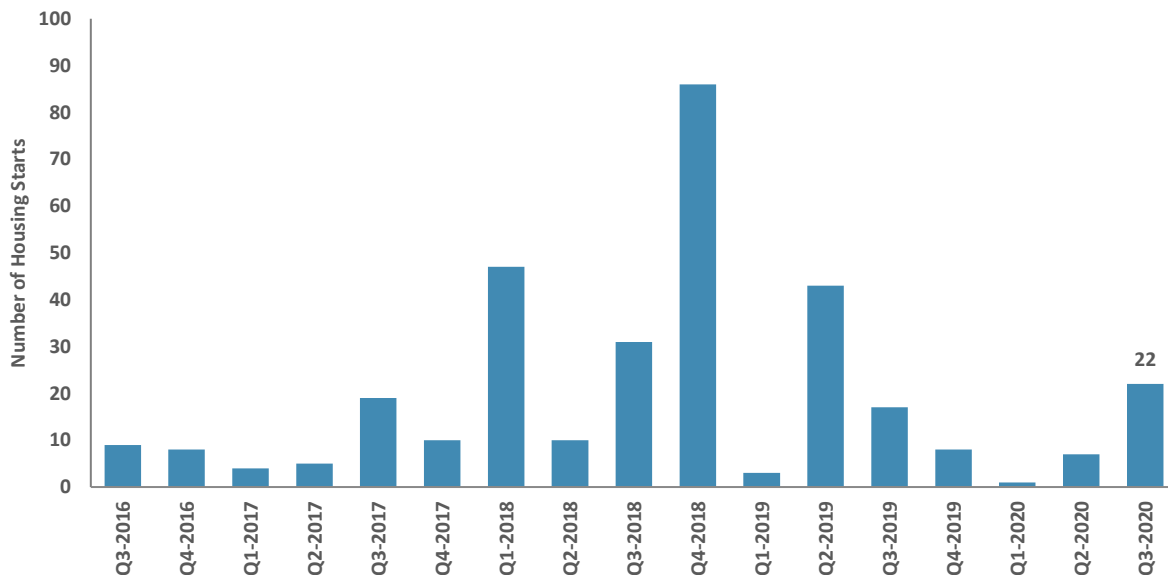
### Key Economic Indicators

Exhibit 11.1 Population Growth 2018 - 2019



Source: BC Stats

Exhibit 11.2 Housing Starts – North Coast



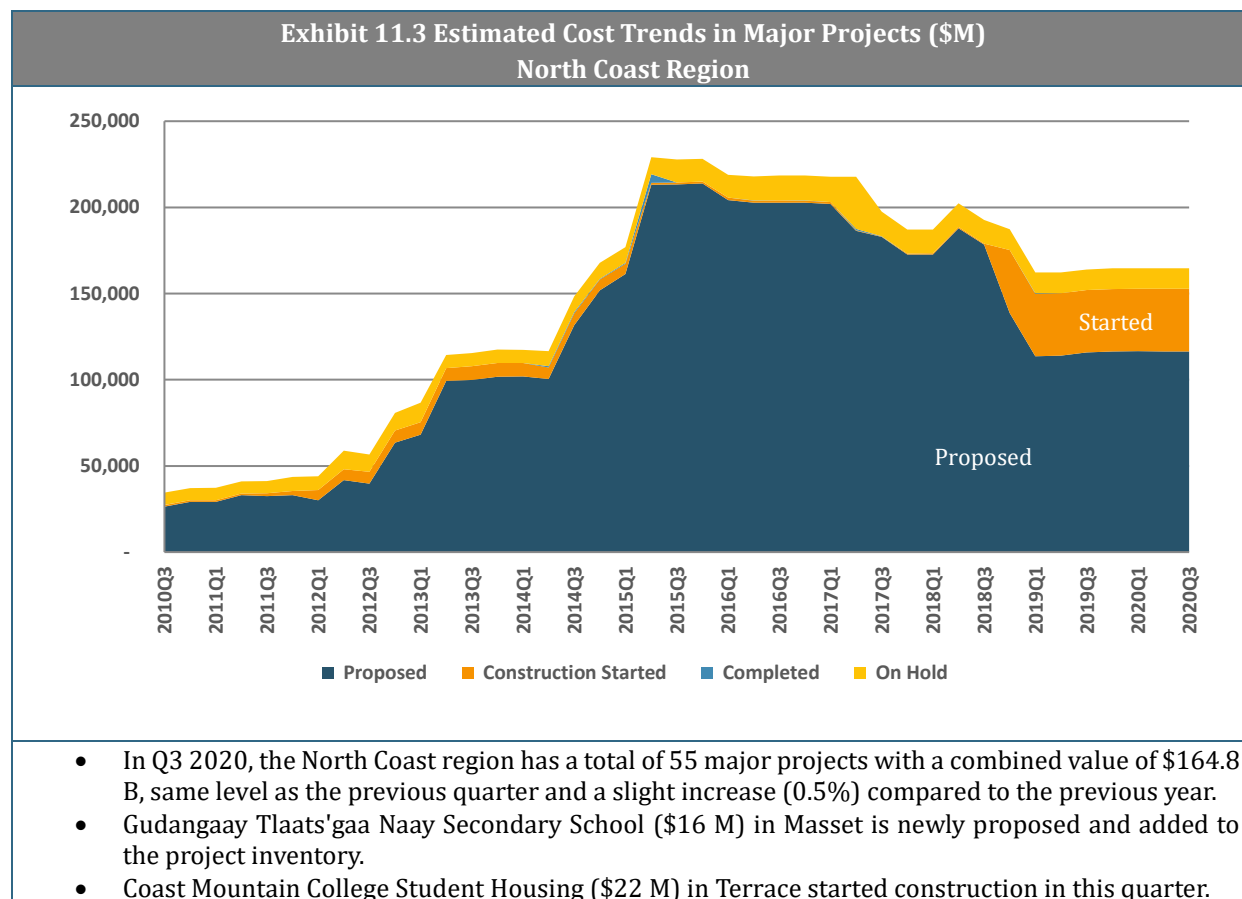
Source: CMHC

Note: The housing starts is the sum of the major centres: Prince Rupert and Terrace.



# NORTH COAST REGION

## Trends in Major Projects



**Exhibit 11.4 Estimated Cost Trends in Major Projects, by Project Status (\$M)**  
North Coast Region

Status	2019Q3	2019Q4	2020Q1	2020Q2	2020Q3	Change from the previous quarter	Change from the previous year
Proposed	115,770	116,440	116,535	116,442	<b>116,438</b>	0.0%	0.6%
Construction started	36,237	36190	36210	36315	<b>36337</b>	0.1%	0.3%
Completed	0	47	0	0	<b>0</b>	0.0%	0.0%
On hold	11,981	11,981	11,981	11,981	<b>11,981</b>	0.0%	0.0%
<b>Grand Total</b>	<b>163,988</b>	<b>164,658</b>	<b>164,726</b>	<b>164,738</b>	<b>164,756</b>	<b>0.0%</b>	<b>0.5%</b>

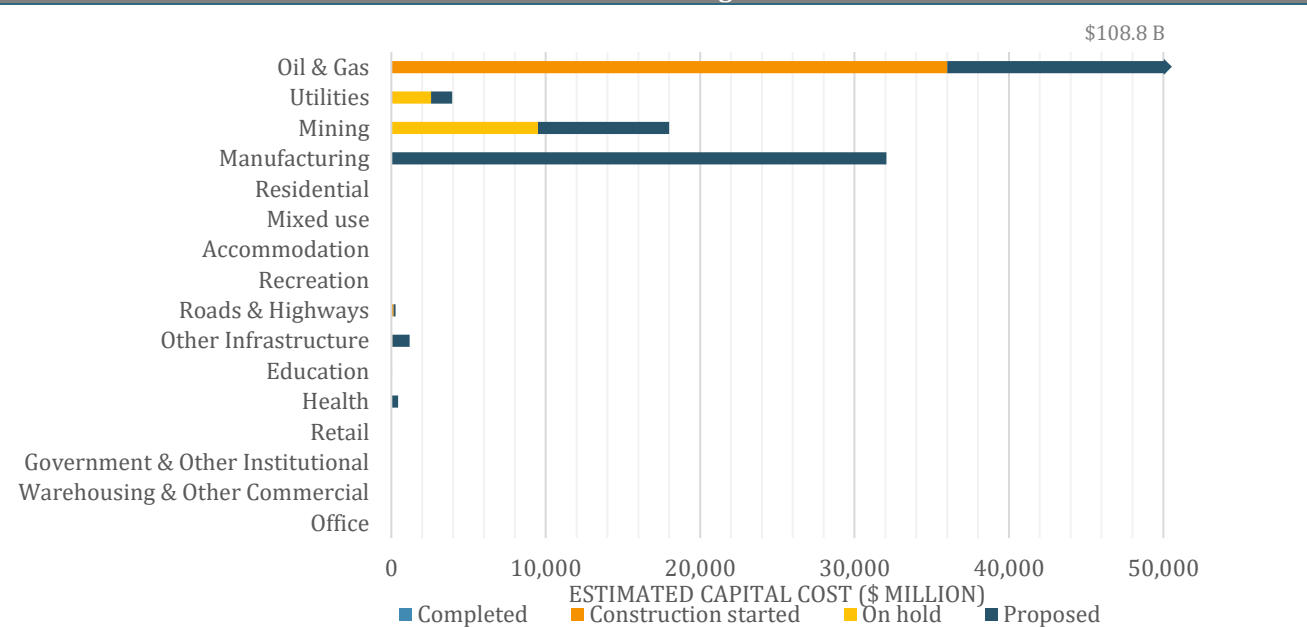
# NORTH COAST REGION

**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
<b>Proposed</b>	<b>116,438</b>	<b>71%</b>	<b>41</b>	<b>3,327</b>	<b>7.9</b>
Preliminary/Feasibility	29,201	18%	10	3,245	6.0
Consultation/Approvals	28,484	17%	15	1,899	8.2
Permitting	35,400	21%	3	17,700	6.2
Tender/Preconstruction	12,348	7%	5	3,087	6.9
Stage Unknown	11,005	7%	8	2,201	11.1
On hold	11,981	7%	8	1,712	13.2
Construction started	36,337	22%	6	6,056	4.0
Completed	0	0%	0	0	0.0
<b>Total</b>	<b>164,756</b>	<b>100%</b>	<b>55</b>	<b>3,432</b>	<b>8.3</b>

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.

**Exhibit 11.6 Major Projects Status, by Construction Subtype**  
North Coast Region



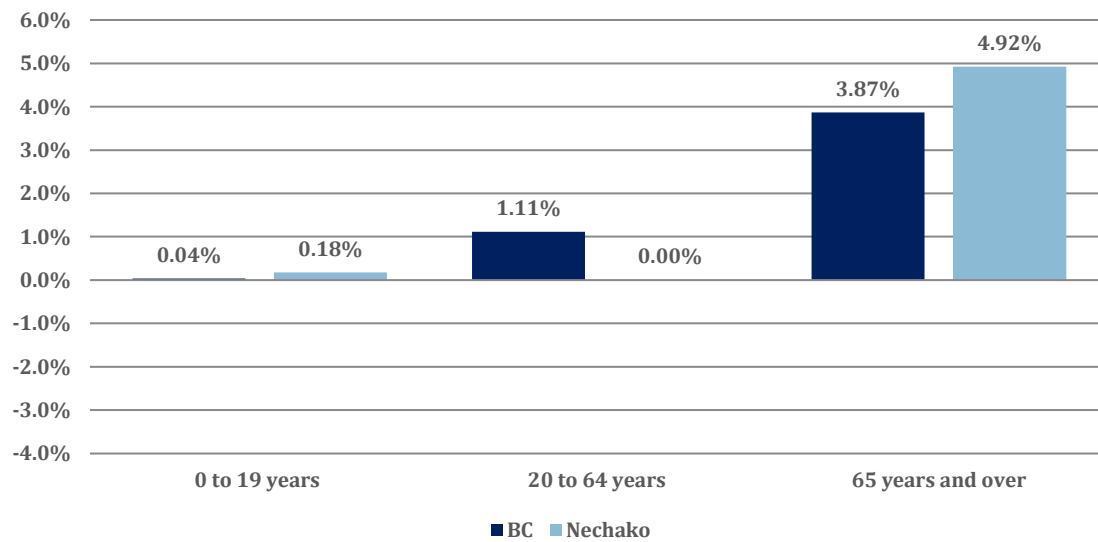
Note: Oil and Gas Extraction includes LNG

# NECHAKO REGION

## 12. Nechako Region

### Key Economic Indicators

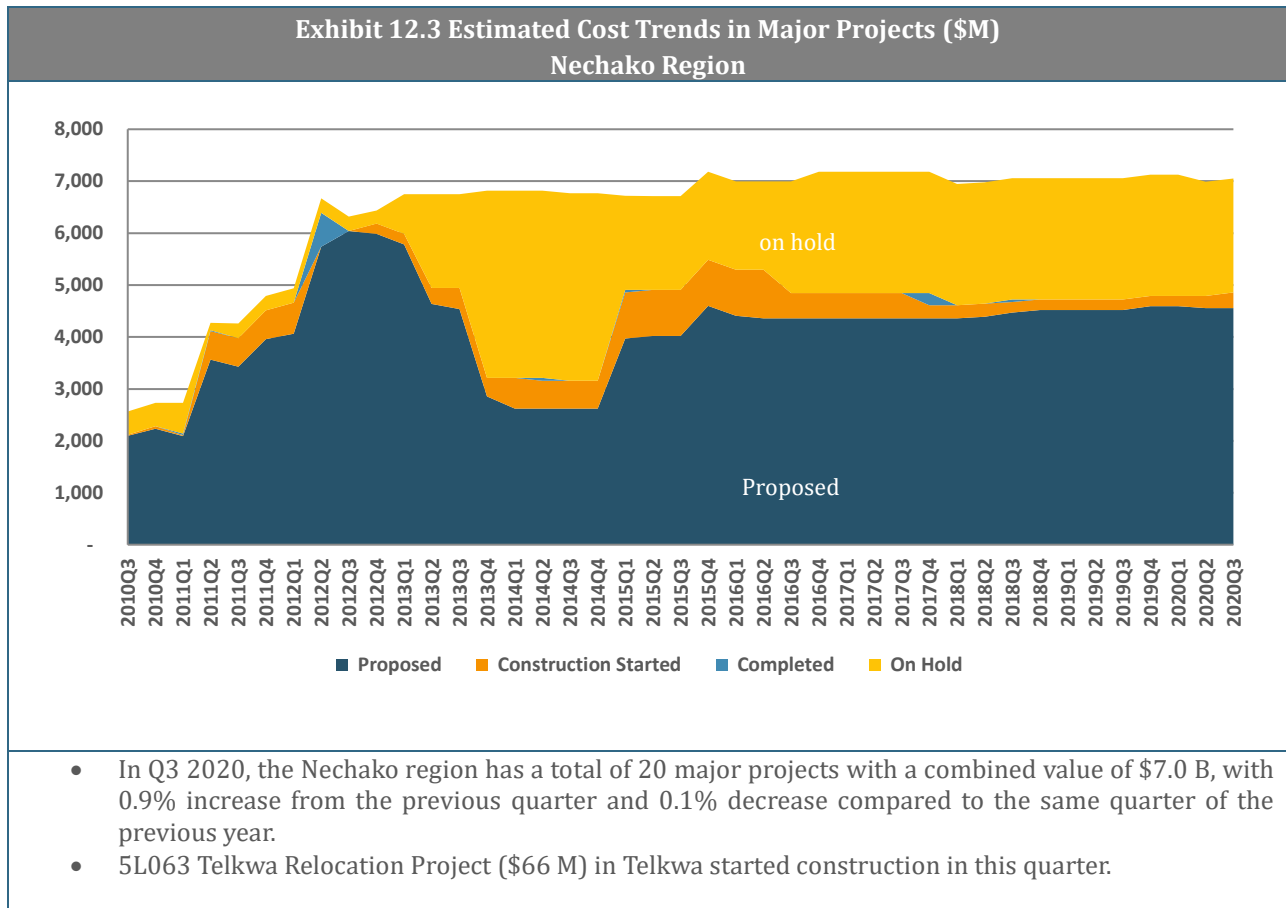
Exhibit 12.1 Population Growth 2018 - 2019



Source: BC Stats

# NECHAKO REGION

## Trends in Major Projects



**Exhibit 12.4 Estimated Cost Trends in Major Projects, by Project Status (\$M)**  
Nechako Region

Status	2019Q3	2019Q4	2020Q1	2020Q2	2020Q3	Change from the previous quarter	Change from the previous year
Proposed	4,522	4,591	4,591	4,559	4,559	0.0%	0.8%
Construction started	201	201	201	233	299	28.3%	48.8%
Completed	0	0	0	0	0	0.0%	0.0%
On hold	2,335	2,335	2,335	2,195	2,195	0.0%	-6.0%
Grand Total	7,058	7,127	7,127	6,987	7,053	0.9%	-0.1%

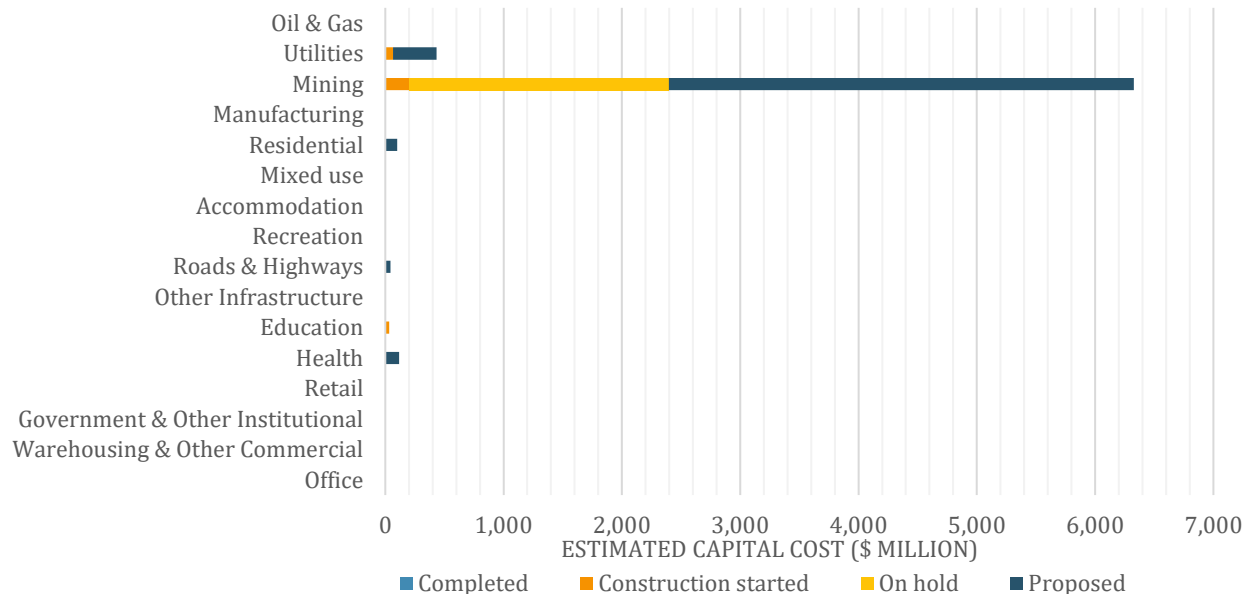
# NECHAKO REGION

**Exhibit 12.5 Summary of Major Projects (by Project Status)**  
**Nechako Region**

	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory
<b>Proposed</b>	<b>4,559</b>	<b>65%</b>	<b>13</b>	<b>380</b>	<b>11.0</b>
Preliminary/Feasibility	875	12%	2	438	13.8
Consultation/Approvals	2,384	34%	9	265	10.3
Permitting	0	0%	0	0	0.0
Tender/Preconstruction	0	0%	0	0	0.0
Stage Unknown	1,300	18%	2	1300	11.1
<b>On hold</b>	<b>2,195</b>	<b>31%</b>	<b>4</b>	<b>549</b>	<b>16.2</b>
Construction started	299	4%	3	100	3.8
Completed	0	0%	0	0	0.0
<b>Total</b>	<b>7,053</b>	<b>100%</b>	<b>20</b>	<b>371</b>	<b>10.9</b>

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.

**Exhibit 12.6 Major Projects Status, by Construction Subtype**  
**Nechako Region**

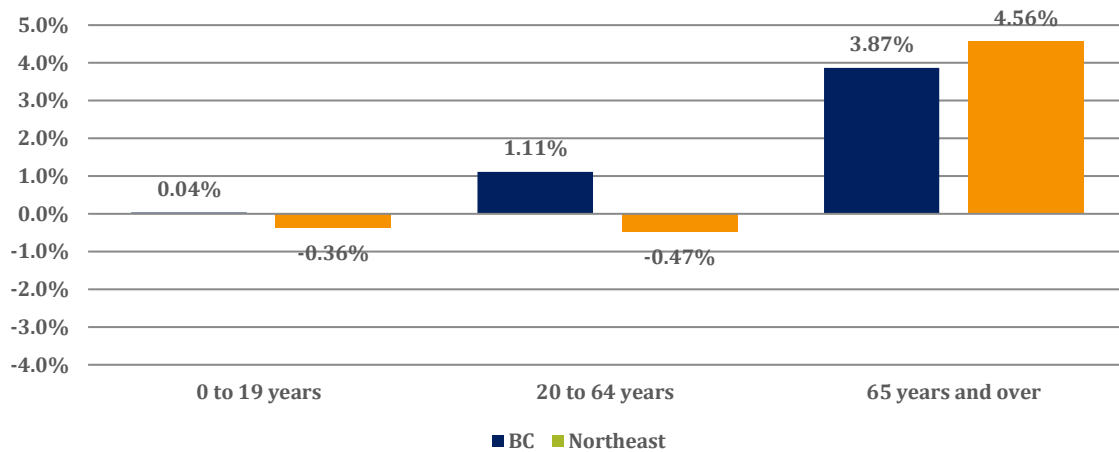


# NORTHEAST REGION

## 13. Northeast Region

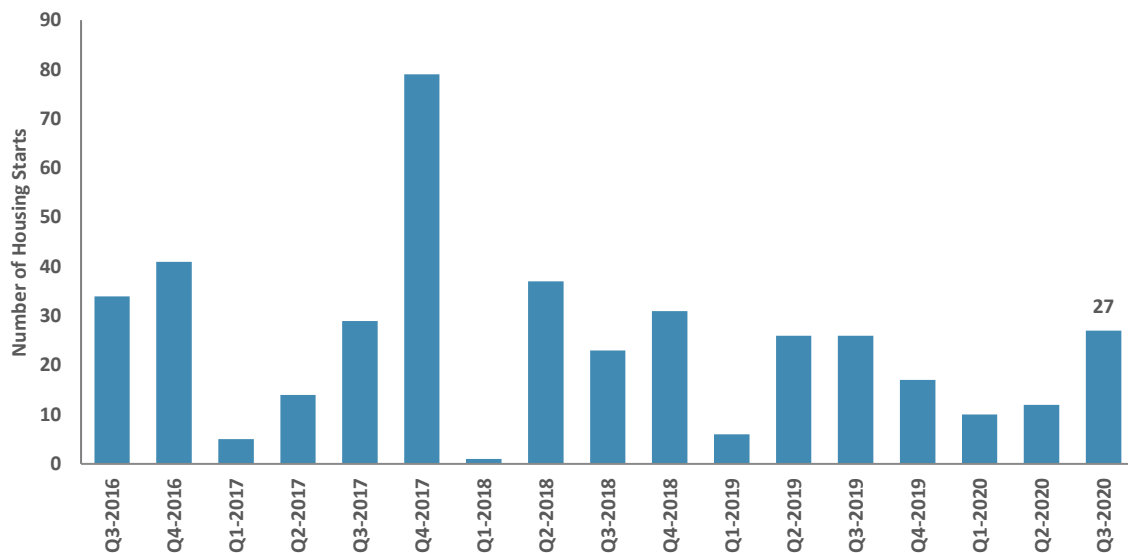
### Key Economic Indicators

Exhibit 13.1 Population Growth 2018 - 2019



Source: BC Stats

Exhibit 13.2 Housing Starts



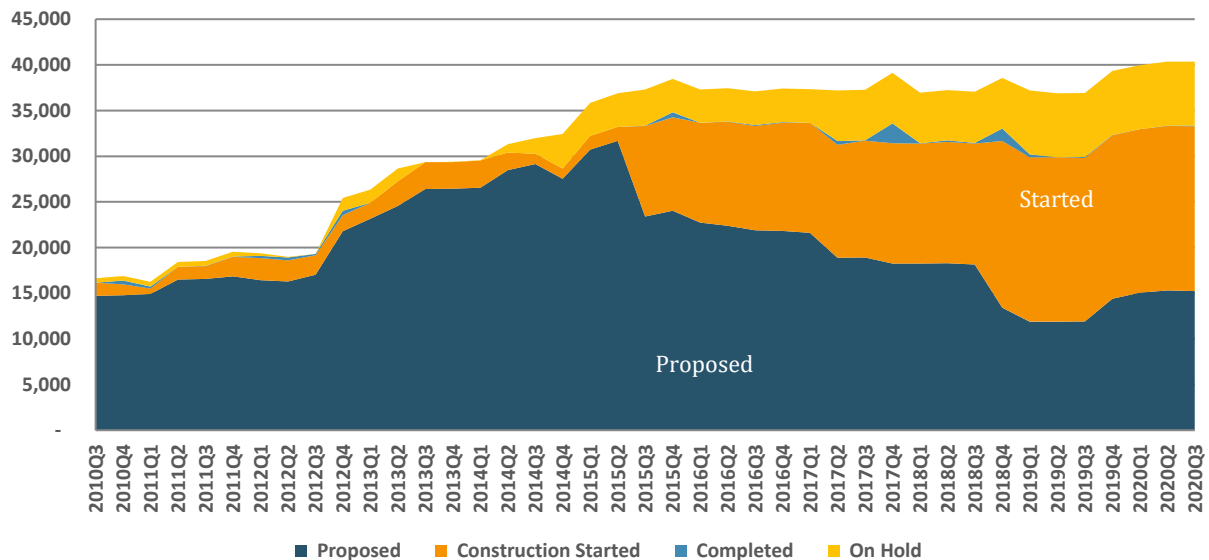
Source: CMHC

Note: The housing starts is the sum of the major centres: Dawson Creek and Fort St. John

# NORTHEAST REGION

## Trends in Major Projects

**Exhibit 13.3 Estimated Cost Trends in Major Projects (\$M)**  
Northeast Region



- In Q3 2020, the Northeast region has a total of 49 major projects with a combined value of \$40.3 B, the same level as the previous quarter and a 9.3% increase compared to the previous year.
- W.A.C. Bennett Dam Spillway Gate Upgrade Project (\$48 M) in Hudson Hope was completed in this quarter.
- Three major projects began construction in this quarter: RCMP Detachment Building (\$49 M) in Fort St, Eighth Street Bridge (\$28 M) in Dawson Creek and G.M. Shrum (GMS) Substation Control Systems Upgrade Project (\$16 M) in Hudson Hope.

**Exhibit 13.4 Estimated Cost Trends in Major Projects, by Project Status (\$M)**  
Northeast Region

Status	2019Q3	2019Q4	2020Q1	2020Q2	2020Q3	Change from the previous quarter	Change from the previous year
Proposed	11,907	14,408	15,078	15,306	15,229	-0.5%	27.9%
Construction started	17,919	17,892	17,892	18,018	18,063	0.2%	0.8%
Completed	90	27	0	31	48	54.8%	-46.7%
On hold	7,001	7,001	7,001	7,001	7,001	0.0%	0.0%
Grand Total	36,917	39,328	39,971	40,356	40,341	0.0%	9.3%

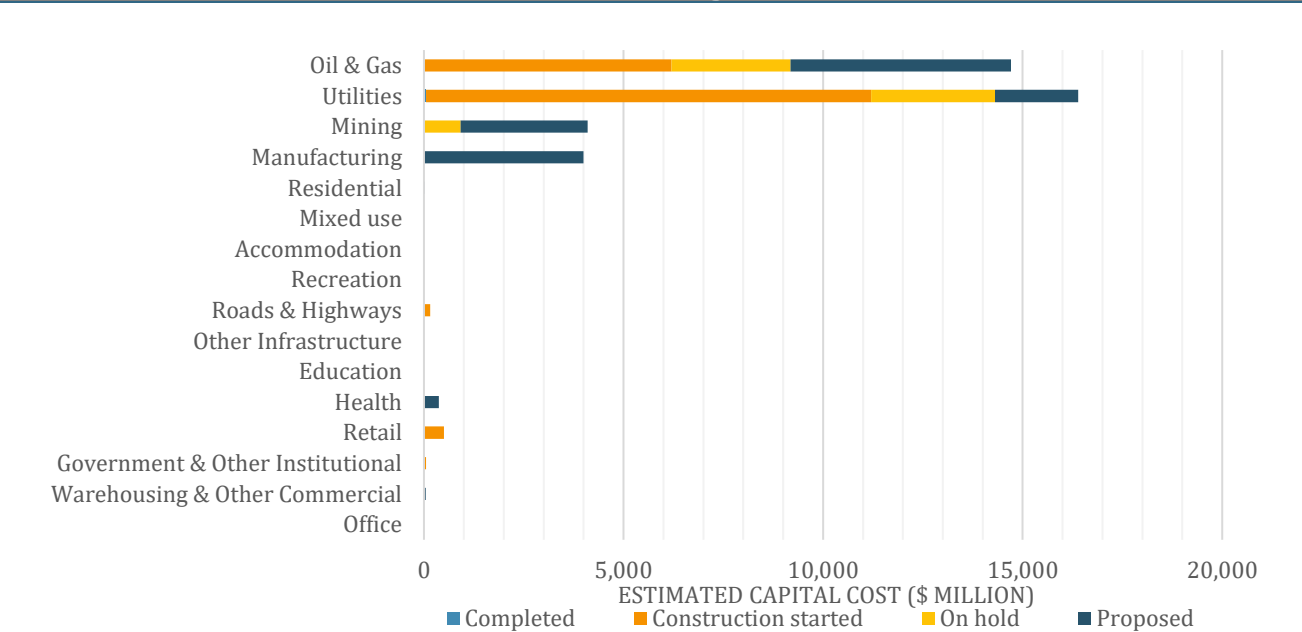
# NORTHEAST REGION

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

	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory
<b>Proposed</b>	<b>15,229</b>	<b>38%</b>	<b>27</b>	<b>635</b>	<b>7.6</b>
Preliminary/Feasibility	2500	6%	1	2500	0.8
Consultation/Approvals	7,849	19%	16	561	9.1
Permitting	4,020	10%	4	1340	4.8
Tender/Preconstruction	605	1%	2	303	4.7
Stage Unknown	255	1%	4	64	7.7
<b>On hold</b>	<b>7,001</b>	<b>17%</b>	<b>9</b>	<b>778</b>	<b>10.1</b>
Construction started	18,063	45%	12	1505	4.5
Completed	48	0%	1	48	2.8
<b>Total</b>	<b>40,341</b>	<b>100%</b>	<b>49</b>	<b>877</b>	<b>7.2</b>

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.

**Exhibit 13.6 Major Projects Status, by Construction Subtype**  
Northeast Region



Note: Oil and Gas Extraction includes LNG



# APPENDICES

## Appendices

### Appendix 1

New Proposed Projects (July – September 2020)			
Region	Municipality	Project	Estimated Cost (\$ Million)
Vancouver Island/Coast	Langford	Spencer Road Affordable Housing	n/a
	Burnaby	BCIT Student Housing Tall Timber House	115
Mainland/Southwest	North Vancouver	Skwxwú7mesh First Nation Affordable Housing	
	Port Moody	Flavelle Mill Master Planned Community	300
	Surrey	Highrise Condominiums	80
		The Bentley Condominium	60
		Residential Condominium	35
		Seniors Housing	20
		Residential Midrise Condominium	22
		PICS Diversity Village Seniors Facility	58
		King George Hwy Affordable Housing	n/a
	Tri-city Area	Urgent Primary Care Centre	
	Vancouver	Paradigm Condominium	45
		Powell Street Affordable Housing	n/a
Thompson-Okanagan	Kelowna	Benvoulin Court Affordable Housing	
	Keremeos	Keremeos Affordable Housing	15
	Vernon	Vernon Supportive Housing	30
Cariboo	Prince George	University Hospital of Northern British Columbia (UHNBC) Patient Care Tower	n/a
North Coast	Masset	Gudangaay Tlaats'gaa Naay Secondary School	16
Total			796

# APPENDICES

## Appendix 2

Construction Started (July – September 2020)				
Region	Municipality	Project	Completion Date	Estimated Cost (\$ Million)
Vancouver Island/Coast	Langford	Pexsisen Elementary and Centre Mountain Lellum Middle Schools	2022-Q3	89
		Highway 14 Corridor Improvements	2022-Q4	86
	Nanaimo	Harbourview Condominiums	2022-Q4	60
	Sooke	Jordan - Upgrade Governor & Pressure Regulating Valve (PRV) Controls Project	2023-Q1	15
Mainland/Southwest	Abbotsford	Highway 11 Nexus Lane and Vye Road Overpass	2022-Q4	47
		Cinema District Residences	2021-Q4	40
	Burnaby	Highline Metrotown Condominium Tower	2023-Q4	62
		Burnaby Mountain Tank Terminal Expansion	2021-Q2	
	Coquitlam	Lake Buntzen 1 Coquitlam Tunnel Gates Refurbishment Project	2022-Q2	43
		Red Fish Healing Centre for Mental Health and Addiction	2021-Q4	131
	Hope	500kV Capacitor Bank Protection and Control (P&C) Upgrades Project	2023-Q2	21
	Lillooet	Bridge River 2 - Strip and Recoat Penstock 2 Interior Project	2022-Q4	35
	New Westminster	Pattullo Bridge Replacement	2023-Q4	1,377
		Ovation Condominium Tower	2022-Q2	40
	Richmond	Flood Mitigation Project	2031-Q4	39
	Surrey	University District Condominiums	2021-Q4	120
		One Central at West Village	2022-Q4	80
	Vancouver	David Lloyd George Elementary School Replacement	2022-Q3	24
		UBC - Macleod Building Renewal	2022-Q3	40
		Expo and Millennium Upgrade Program	2028-Q4	1,500
Thompson-Okanagan	Chase	Highway 1 - Chase 4-Laning	2023-Q4	260
	Kamloops	Kamloops Affordable Housing	2021-Q3	15
Kootenay	Balfour	Kootenay Lake Ferry Service Upgrade	2023-Q4	85
	Cranbrook, Sparwood	Inland Gas Upgrades	2024-Q1	360
North Coast	Terrace	Student Housing	2021-Q4	22
Nechako	Telkwa	5L063 Telkwa Relocation Project	2023-Q3	66
Northeast	Dawson Creek	Eighth Street Bridge	2023-Q4	28
	Fort St. John	RCMP Detachment Building	2022-Q1	49
	Hudson Hope	G.M. Shrum (GMS) Substation Control Systems Upgrade Project	2023-Q3	16
Total				4,750

# APPENDICES

## Appendix 3

Construction Completed (July – September 2020)			
Region:	Municipality:	Project:	Estimated Cost (\$ Million)
Vancouver Island/Coast	Saanich	Highway 1 Admirals/McKenzie Interchange	96
	Victoria	Ironworks Condominium	20
Mainland/Southwest	Burnaby	SFU - Student Union Building	55
	Coquitlam	Marquee at Lougheed Heights	60
	Delta	Bringing Additional Capacity from Arnott (ARN) Sub Project	28
		Alex Fraser Bridge Improvement Project	70
	Langley	216 Street Interchange/ Highway 1 Widening	59
	Richmond	Parc Riviera Riverfront Community	80
		River Park Place Condominium Development	100
	Squamish	Jumar Condominium Development	20
		Vantage Condominiums	20
	Surrey	Panorama Drive Development	28
	Tsawwassen	Big Splash Waterpark and Hotel	20
	Vancouver	BC Children's and Women's Hospital Redevelopment	676
	Vancouver/ North Vancouver/ Richmond	Bus Facilities and Exchanges	41
Thompson-Okanagan	Golden	Highway 1 - Donald to Forde Station Road	19
	Kamloops area	Sun Peaks Ski Resort	635
	Kelowna	UBC Okanagan - Skeena Residence	25
		OKAN Health Sciences Building	19
		Westside Road Improvements	45
Northeast	Hudson Hope	W.A.C. Bennett Dam Spillway Gate Upgrade Project	48
Total			2,164

# APPENDICES

## Appendix 4

Project Value and Project Status for each Industry Sector – (July – September 2020)					
Category	Proposed	Construction started	Completed	On hold	Total
Oil & Gas	82,560	46,700	0	2,984	132,244
Manufacturing	41,447	0	0	0	41,447
Mixed use	16,720	21,296	328	309	38,653
Utilities	8,590	16,760	76	10,254	35,680
Mining	21,067	301	0	13,967	35,335
Mixed use	5,636	11,236	0	1,000	17,872
Accommodation	7,827	3,215	20	1,356	12,418
Roads & Highways	3,934	5,688	330	60	10,012
Retail	7,615	2,308	0	0	9,923
Recreation	6,578	2,436	635	125	9,774
Health	6,521	1,717	676	0	8,914
Other infrastructure	5,799	1,256	0	0	7,055
Education	4,184	2,094	99	108	6,485
Government & Other Institutional	266	1,578	0	0	1,844
Warehousing & Other Commercial	642	995	0	0	1,637
Office	282	180	0	80	542
<b>Total</b>	<b>219,668</b>	<b>117,760</b>	<b>2,164</b>	<b>30,243</b>	<b>369,835</b>

# APPENDICES

## Appendix 5

Number of Regional Major Projects Excluding Completed Projects (by Project Category)

Development Region	Residential /Commercial	Transportation & Warehousing	Mining & Oil & Gas Extraction	Utilities	Manufacturing	Public Services	Other Services	Total
Vancouver Island/Coast	89	11	4	17	0	19	9	149
Mainland/Southwest	363	37	6	33	2	73	12	526
Thompson-Okanagan	54	8	3	20	1	9	5	100
Kootenay	10	1	7	6	0	3	3	30
Cariboo	5	2	7	8	3	5	0	30
North Coast	2	12	22	10	5	4	0	55
Nechako	1	1	12	4	0	2	0	20
Northeast	3	9	15	17	2	2	0	48
Total	527	81	76	115	13	117	29	958

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