



Image courtesy of KMBR Architects Planners Inc.

Artist's rendering of newly opened École Salish Secondary in the Clayton North area of the Surrey School District. The school has capacity for 1,500 students in Grades 8-12, and features state-of-the-art learning spaces, two gyms, and a theatre to support British Columbia's new curriculum. The project was funded by the Province of B.C. with a significant contribution from the Surrey School District.

BRITISH COLUMBIA MAJOR PROJECTS INVENTORY

SECOND QUARTER 2018



Ministry of
Advanced Education,
Skills and Training

TABLE OF CONTENTS

British Columbia Major Projects Inventory Second Quarter 2018

Major Projects Inventory as of June 30, 2018.

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Major projects data collection and highlights by Rene Corcoran, Research Contractor.

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About this Report

The objectives of this report are to analyze the updates to the MPI 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

Please address report feedback to Grace Lee, Research, Information and Analysis at: Grace.Lee@gov.bc.ca

TABLE OF CONTENTS

About this Report	1
1. B.C. Major Projects Highlights – Q2 2018	5
2. B.C. Major Projects Inventory – Q2 2018	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	22
8. Thompson - Okanagan Region	26
9. Kootenay Region	30
10. Cariboo Region	34
11. North Coast Region	38
12. Nechako Region	42
13. Northeast Region	46
Appendices	50
Appendix 1 _____	50
Appendix 2 _____	51
Appendix 3 _____	52
Appendix 4 _____	53
Appendix 5 _____	53
B.C. Government Contact	54

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 (Cdn.) or greater (\$20 million or greater within the Lower Mainland–Vancouver area).

Approximately two-thirds of existing projects receive 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 publication. 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">• Proposed, under construction, completed, or on hold• Proposed stages• Start and completion dates (if available)• Update activity on project status• Environmental assessment stage
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 people's 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. Projects must be known 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.

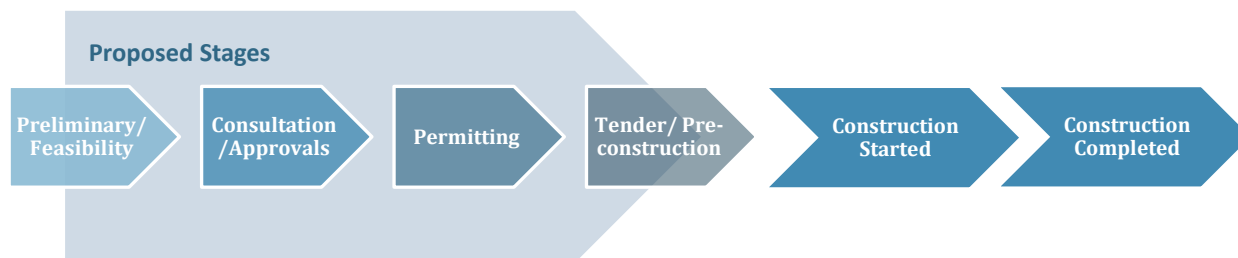
Start and Finish Dates

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 noted 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 for construction completed.

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 the four stages prior to the construction.

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

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

A proposed project will enter **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.

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 design is identified as well as construction projects that are registered and certified under a recognized green building rating system (e.g., Leadership in Energy and Environmental Design (LEED®), Green Globes). LEED buildings provide an environmentally responsible standard for energy efficiency in the home and 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 people's 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; www.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).

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

Fields latitude and longitude in the format of Degrees Minutes Seconds (DMS).

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 – Q2 2018

1. B.C. Major Projects Highlights – Q2 2018

The second quarter of 2018 issue of the B.C. Major Projects Inventory lists 26 new proposed projects over \$15 million (M) with available capital cost estimates totalling approximately \$1.23 billion (B) if all the projects proceed. The potential capital investment for new projects has decreased compared to \$2.99 B in the first quarter of 2018.

The estimated capital cost of all 952 major projects in the second quarter of 2018, totalling \$416.26 B, has increased from \$402.08 B in the first quarter of 2018. 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 34 projects that have started construction in B.C., representing an estimated capital cost of \$1.58 B, down from the \$1.83 B reported in the first quarter of 2018. Twenty-two projects completed construction in the second quarter, with an estimated capital cost of \$989 million (M) compared to \$1.66 B in the first quarter of 2018.

There are 241 projects in the second quarter of 2018 with public funding contributions having an estimated available capital cost of \$43.98 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. The province provided funds in 141 of the public projects, totalling \$16.52 B.

There are 69 projects with the total estimated cost of \$156.2 B involving Indigenous people in capacities such as project owners, project partners or benefit agreements.

The capital cost of all major projects currently under construction in B.C. is estimated at approximately \$73.67 B, down from the \$75.19 B reported in the first quarter of 2018. The available capital cost of proposed projects is estimated at \$311.67 B, an increase from \$294.27 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 \$29.93 B of projects are judged to be 'on hold' for the time being, a decrease from the previous quarter value of \$30.96 B.

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

952	Number of total major projects
\$416.3 B	Value of all projects
511	Number of total proposed projects
\$311.7 B	Value of proposed projects
362	Number of projects under construction
\$73.7B	Value of projects under construction
22	Number of projects completed
\$989 M	Value of projects completed
26	Number of new proposed projects
\$1.2 B	Value of newly proposed projects

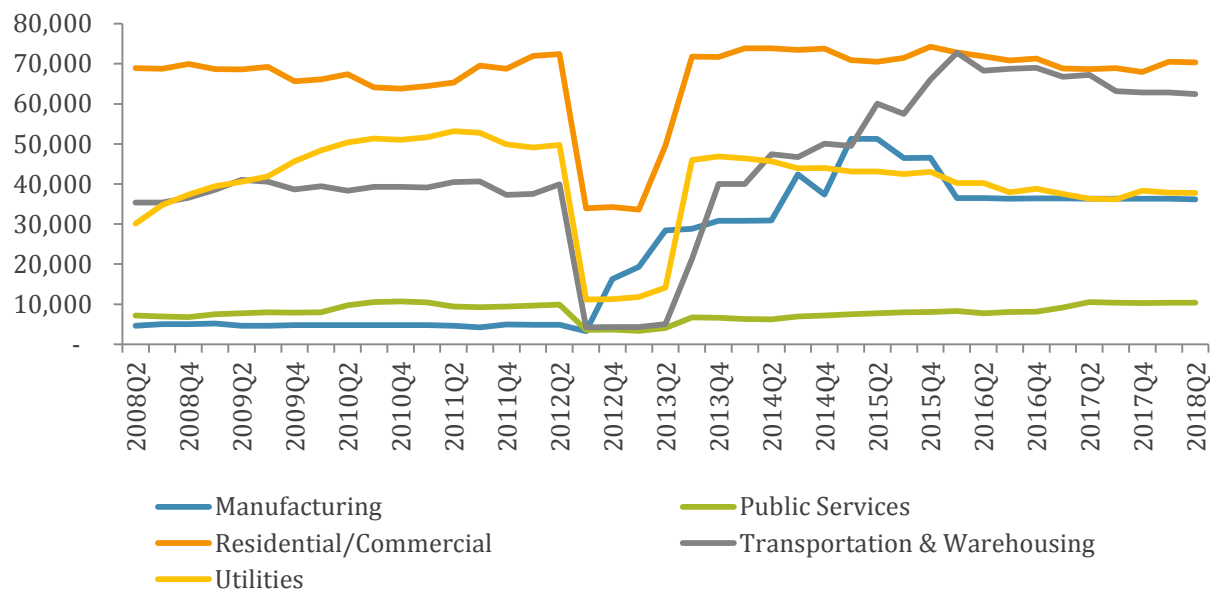
B.C. MAJOR PROJECTS INVENTORY – Q2 2018

2. B.C. Major Projects Inventory – Q2 2018

By Project Category, Construction Type or Subtype

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

Project Category	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	Change from the previous quarter	Change from the previous year
Mining & Oil & Gas Extraction	201,194	185,933	174,900	172,900	187,837	8.6%	-6.6%
Residential/Commercial	68,689	68,937	67,995	70,550	70,377	-0.2%	2.5%
Transportation & Warehousing	67,270	63,145	62,844	62,876	62,475	-0.6%	-7.1%
Manufacturing	36,365	36,365	36,365	36,365	36,155	-0.6%	-0.6%
Utilities (incl sewage treatment)	36,322	36,134	38,300	37,839	37,799	-0.1%	4.1%
Public Services	10,492	10,333	10,287	10,334	10,408	0.7%	-0.8%
Other Services	11,826	11,804	11,859	11,213	11,213	0.0%	-5.2%
Grand Total	432,158	412,651	402,550	402,077	416,264	3.5%	-3.7%

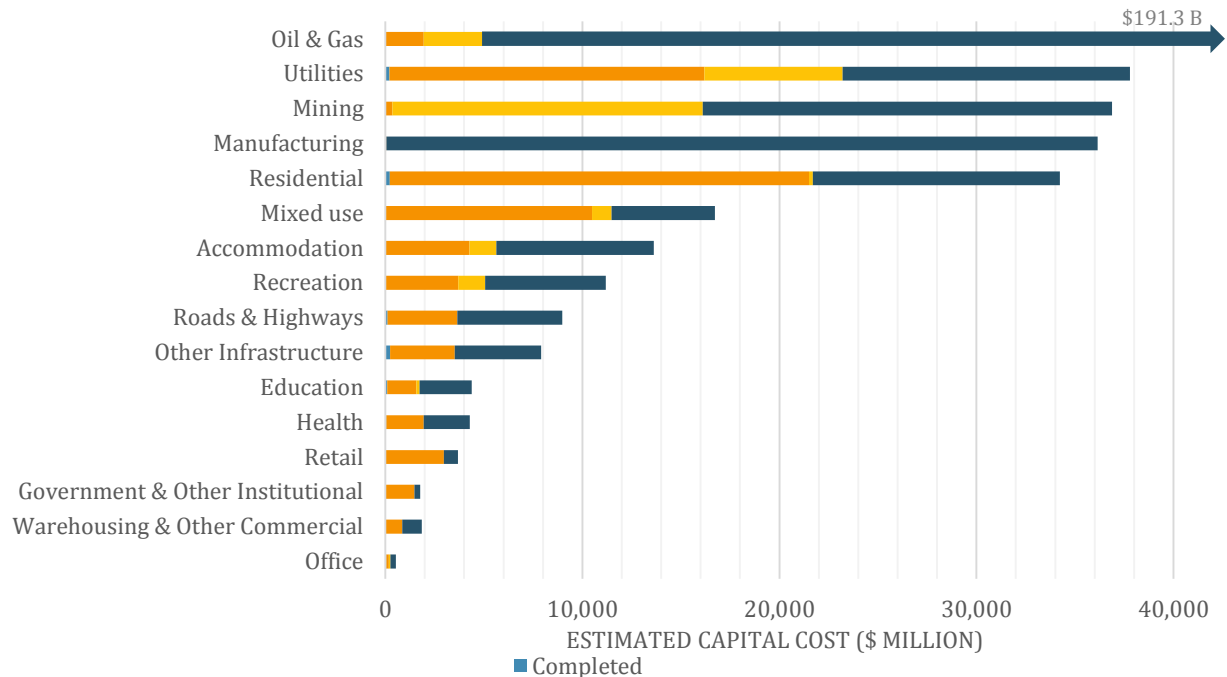


Note: chart excludes mining oil & gas extraction and other services projects

- The total estimated capital cost of major projects in B.C. increased in the second quarter of 2018 (Q2), totalling \$416.3 B, representing a 3.5 percent increase over the previous quarter and a 3.7 percent decrease compared to one year earlier.

B.C. MAJOR PROJECTS INVENTORY – Q2 2018

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



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

- Oil and Gas projects represent 47 percent of the total estimated capital cost in Major Projects Inventory.
- Residential and Commercial development projects comprise 543 of the 952 projects listed in the second quarter of 2018, representing a total estimated capital cost of \$82 B in the inventory.
- Residential projects are concentrated in the Mainland/Southwest region (56%), Vancouver Island (23%), and Thompson-Okanagan (20%).
- Utility projects continue to be a significant driver for the province. The total cost of utilities projects amounts to \$37.8 B while the total cost of projects which are currently underway is approximately \$16 B.
- There are 55 mining projects listed in the MPI with a total estimated value of \$37 B.
- The top three components share of new projects added to the inventory in Q2 2018 are Primarily Residential – Single Use (38%), Utilities (30%), and Education (20%).

B.C. MAJOR PROJECTS INVENTORY – Q2 2018

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
Residential Subtotal	11,192	26,937	9,507	80	0	0	100	0	47,816
Primarily residential - Single use	8,292	17,709	8,057	80	0	0	100	0	34,238
Residential Mixed Use	2,900	9,228	1,450	0	0	0	0	0	13,578
Commercial Subtotal	4,006	17,589	5,639	4,902	1,322	46	0	540	34,044
Commercial Mixed Use	462	2,690	0	0	0	0	0	0	3,152
Accommodation	2,300	4,791	3,299	2,302	940	0	0	0	13,632
Recreation	211	6,156	2,210	2,600	0	16	0	0	11,193
Retail	923	2,140	115	0	0	0	0	500	3,678
Office	70	472	0	0	0	0	0	0	542
Warehousing	0	290	0	0	0	0	0	0	290
Other Commercial	40	1,050	15	0	382	30	0	40	1,557
Industrial Subtotal	32,130	2,335	1,864	2,936	7,231	196,675	6,296	19,814	269,281
Mining	130	160	1,834	2,936	2,646	18,780	6,296	4,101	36,883
Oil & Gas	32,000	2,125	0	0	4,570	145,835	0	11,713	196,243
Manufacturing - Wood Products	0	0	30	0	0	60	0	0	90
Manufacturing - Petrochemical	0	0	0	0	0	32,000	0	4,000	36,000
Other Manufacturing	0	50	0	0	15	0	0	0	65
Institutional & Government Subtotal	3,306	5,109	1,407	39	63	383	29	92	10,428
Education	1,828	2,067	257	22	63	18	29	92	4,376
Health	0	2,789	1,110	17	0	365	0	0	4,281
Government buildings	1,458	253	40	0	0	0	0	0	1,751
Other Institutional & Government	20	0	0	0	0	0	0	0	20
Infrastructure Subtotal	9,885	16,717	2,869	876	1,686	5,313	551	16,798	54,695
Utilities	7,682	4,649	1,308	876	1,190	4,857	506	16,731	37,799
Roads & Highways	371	6,490	1,411	0	496	106	45	67	8,986
Other Transportation	1,815	5,578	150	0	0	350	0	0	7,893
Other Infrastructure	17	0	0	0	0	0	0	0	17
Grand Total	60,519	68,687	21,286	8,833	10,302	202,417	6,976	37,244	416,264

B.C. MAJOR PROJECTS INVENTORY – Q2 2018

By Project Status

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

Status	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	Change from the previous quarter	Change from the previous year
Proposed	307,495	304,694	293,574	294,266	311,674	5.9%	1.4%
Construction started	74,957	74,729	74,877	75,185	73,672	-2.0%	-1.7%
Completed	3,357	2,737	4,133	1,664	989	-40.6%	-70.5%
On hold	46,349	30,491	29,966	30,962	29,929	-3.3%	-35.4%
Grand Total	432,158	412,651	402,550	402,077	416,264	3.5%	-3.7%

The value of completed projects fell 40 percent to \$989 M in Q2 2018 over the previous quarter. Notable projects completed were W.A.C. Bennett Dam Riprap Upgrade Project (\$170 M), Vancouver Airport Fuel Project (\$150 M), and Johnson Street Bridge Replacement (\$105 M).

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	311,674	75%	511	696	5.1
Preliminary/Feasibility	75,099	18%	121	816	4.1
Consultation/Approvals	153,836	37%	223	769	5.9
Permitting	10,465	3%	39	283	3.6
Tender/Preconstruction	9,315	2%	82	123	3.0
Stage Unknown	62,959	15%	46	1464	8.3
On hold	29,929	7%	57	544	11.5
Construction started	73,672	18%	362	210	6.1
Completed	989	0%	22	45	4.7
Total	416,264	100%	952	475	5.8

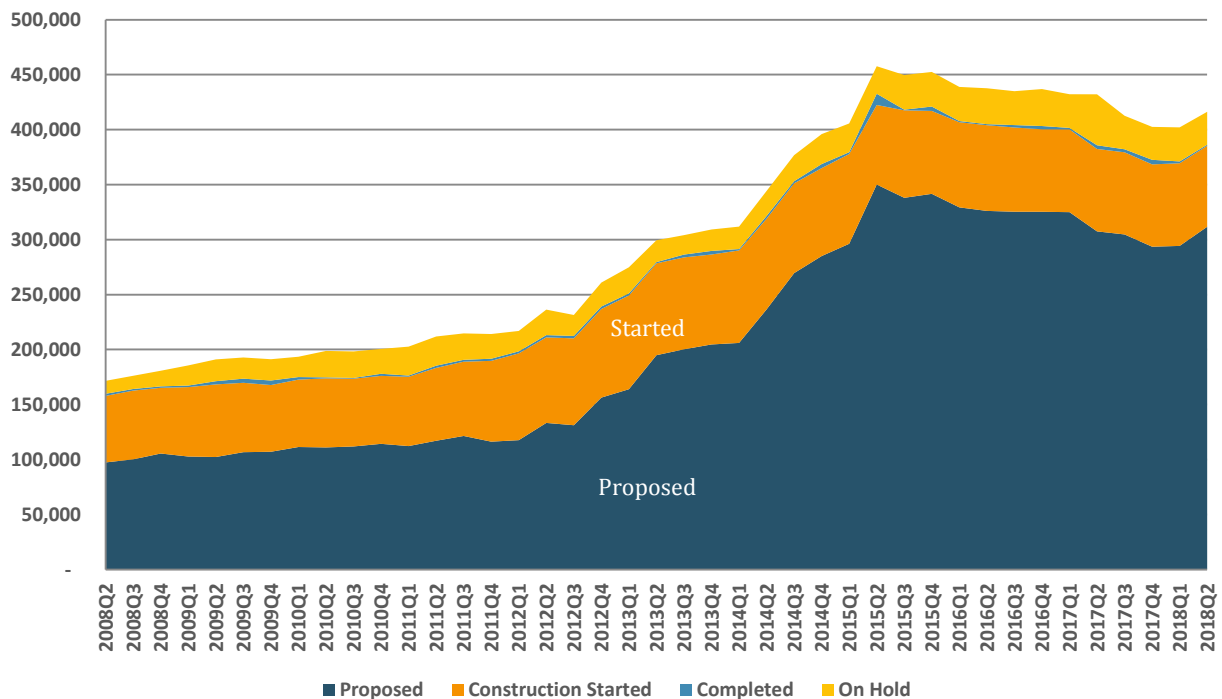
Note: Average project value is the average of those projects for which there is a cost estimate. An average year in inventory is the average time span between the projects as first recorded in the MPI and the current period.

B.C. MAJOR PROJECTS INVENTORY – Q2 2018

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	45,685	12,557	204	2,073	60,519	-0.1%	2.9%
2. Mainland/Southwest	38,912	28,283	600	892	68,687	-1.9%	-2.6%
3. Thompson-Okanagan	5,210	14,438	0	1,638	21,286	0.3%	0.0%
4. Kootenay	2,779	3,634	0	2,420	8,833	-2.3%	-3.5%
5. Cariboo	8,443	559	0	1,300	10,302	1.0%	0.2%
6. North Coast	187,963	669	15	13,770	202,417	8.2%	-7.0%
7. Nechako	4,390	251	0	2,335	6,976	0.4%	-2.9%
8. Northeast	18,292	13,281	170	5,501	37,244	0.8%	0.1%
Total	311,674	73,672	989	29,929	416,264	3.5%	-3.7%

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



B.C. ECONOMY

3. B.C. Economy

Exhibit 3.1 Economic Activity

	2018f	2019	2020	2021	2022
Real GDP	+2.3 %	+2.0 %	+2.0 %	+2.0 %	+2.0%

Source: B.C. Budget and Fiscal Plan 2018/19 – 2020/21

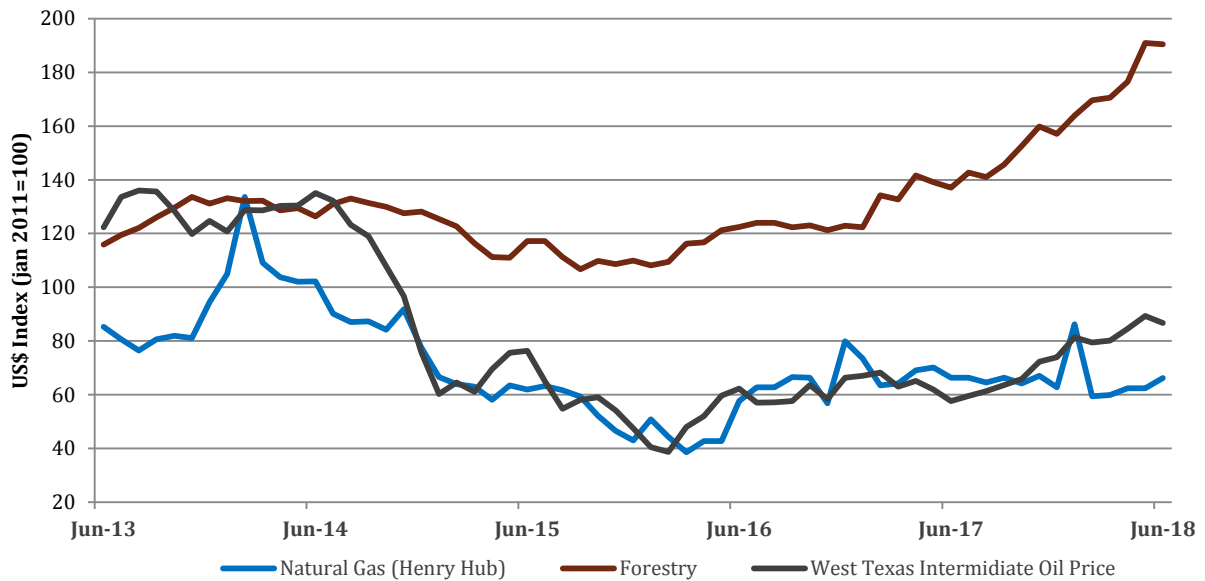
	Most Recent Period	Amount	Change from previous month	Change from previous year	Data Type
Retail trade (\$ M)	Jun-18	7,126	-1.8%	+1.2%	seasonally adjusted
Manufacturing Sales (\$ M)	Jun-18	4,817	+1.7%	+11.3%	seasonally adjusted
Residential - building permits (\$ M)	Jun-18	1,159	-0.2%	+13.7%	seasonally adjusted
Residential - housing starts (units)	Jul-18	42,558	+24.0%	-6.5%	seasonally adjusted at annual rates
Non-Residential building permits (\$ M)	Jun-18	296	-7.8%	-14.4%	seasonally adjusted
Exports - all merchandise (\$ M)	Jun-18	4,221	+9.1%	+11.4%	seasonally adjusted
Prices					
B.C. Consumer price index (2002=100)	Jul-18	129.7	+0.9%	+3.3%	
Exchange rate	Jul-18	US \$0.76	-0.0%	-3.4%	
Average 5-year residential mortgage rate	Jul-18	4.42%	0.1 p.p.	+0.8 p.p.	
Labour Market					
Employment	Jul-18	2,473,200	+0.5%	-0.2%	seasonally adjusted
Unemployment rate	Jul-18	5.0%	-0.2 p.p.	-0.2 p.p.	seasonally adjusted
Participation rate	Jul-18	64.5%	+0.0 p.p.	-1.1 p.p.	seasonally adjusted
Average weekly earnings	Jul-18	981.87	-0.5%	+5.0%	seasonally adjusted

Source: Statistics Canada & Bank of Canada

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

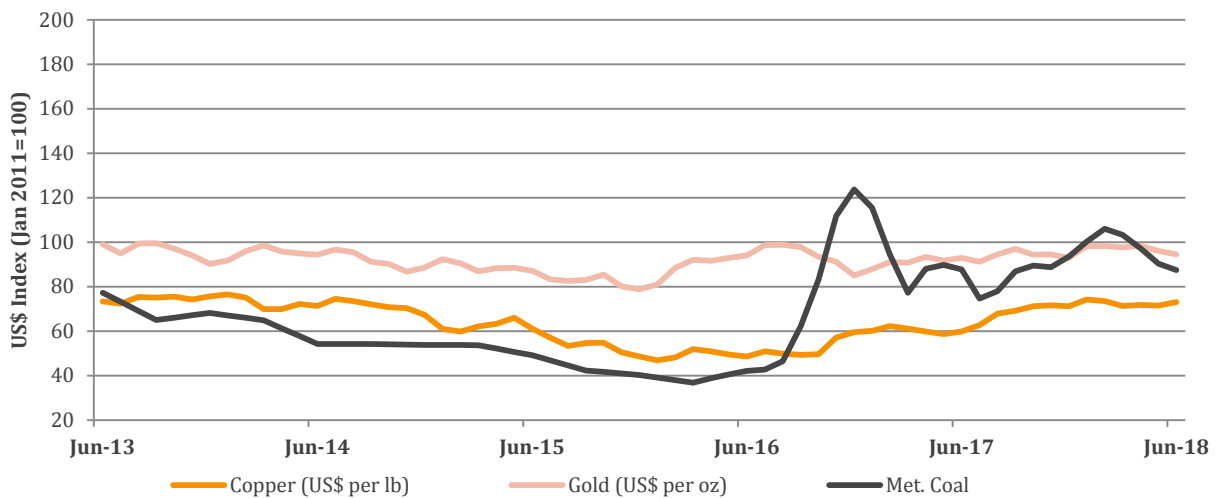
B.C. ECONOMY

Exhibit 3.2 Key Commodity Prices



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

The strong upward trend in forestry prices paused in June (-0.2% month over month) but the index is now 39.0% higher than a year ago. Natural gas was up 6.1% to US\$2.97/mmBTU but still down 0.3% from the previous year. Oil fell back 3.0% to US\$67.87/bbl, but up 50.2% over the last year.

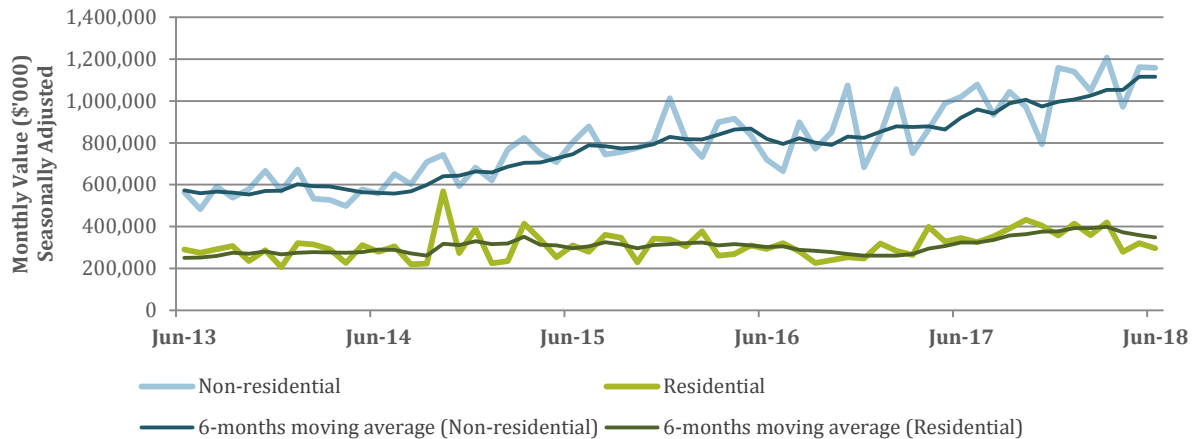


Source: B.C. Ministry of Energy and Mines
Met. Coal: quarterly Average to March 2016, average of daily after March 2016

Copper was up 2.2% in June and is up 22.3% from a year ago. Gold fell 1.6% but is up 1.7% from a year ago. Metallurgical coal (3 month moving average) fell 3.2%, down only 0.3% from a year ago.

B.C. ECONOMY

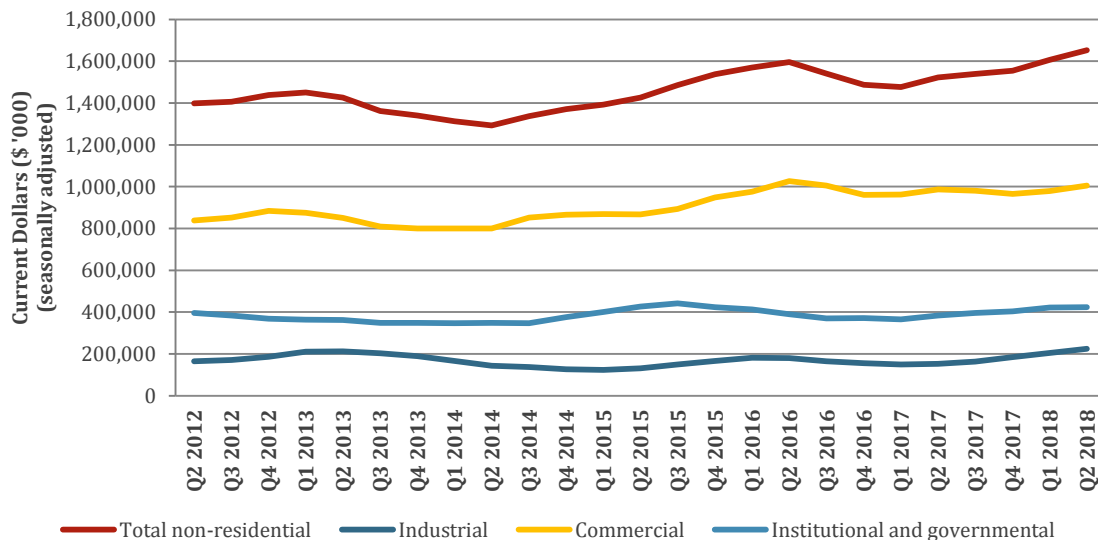
Exhibit 3.3 Value of Building Permits



Source: Statistics Canada

B.C.'s building permits value pulled back by 4.0% in June, reflecting declines in both residential and non-residential segments. During the month of June 2018, there was an average of \$1.40 billion worth of building permits issued compared to \$1.32 billion in the corresponding month of the previous year (+6.1 year-over-year). Residential building permit value is down 0.2% from the previous month (+13.7% from a year-ago) in June. Non-residential building permit value is down 7.8% from the previous month (+14.4% from a year-ago) in the same month.

Exhibit 3.4 Investment in Non-Residential Building Construction

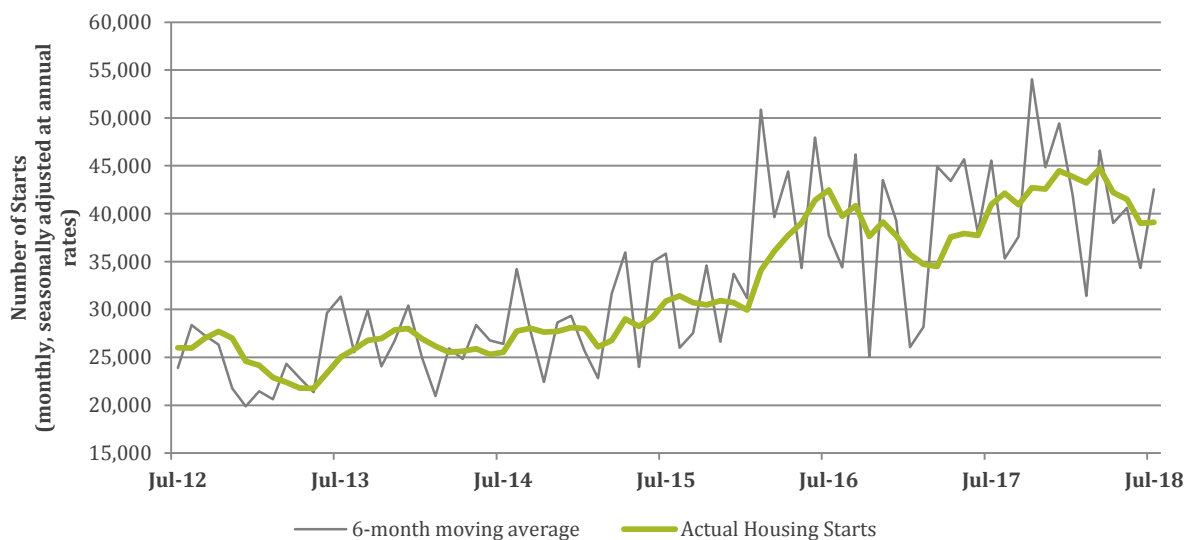


Source: Statistics Canada

Canadawide investment in non-residential building construction rose 1.3% in the second quarter of 2018 from the previous quarter. At the provincial level, B.C. spending increased by 2.8% from the previous quarter and up 7.0% from the previous year. The current level of non-residential investment is \$1.6 B.

B.C. ECONOMY

Exhibit 3.5 B.C. Housing Starts

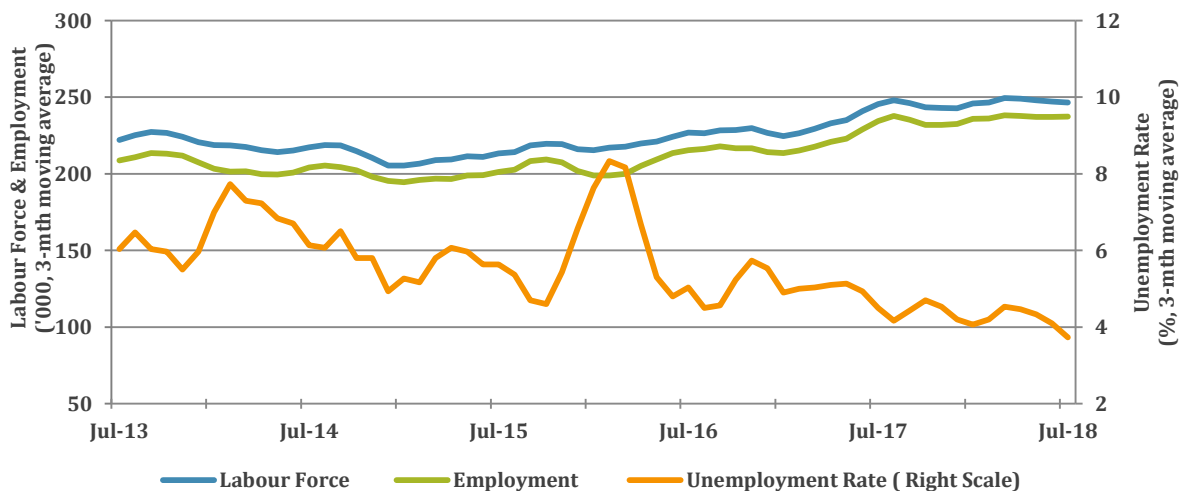


Source: Canada Mortgage and Housing Corporation (CMHC)

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

B.C.'s housing starts increased in July to 32,148 units (annualized). The 6-month moving average of housing starts increased by 0.3% from the previous month but down 4.6% from the same month in 2017.

Exhibit 3.6 B.C. Construction Industry Employment

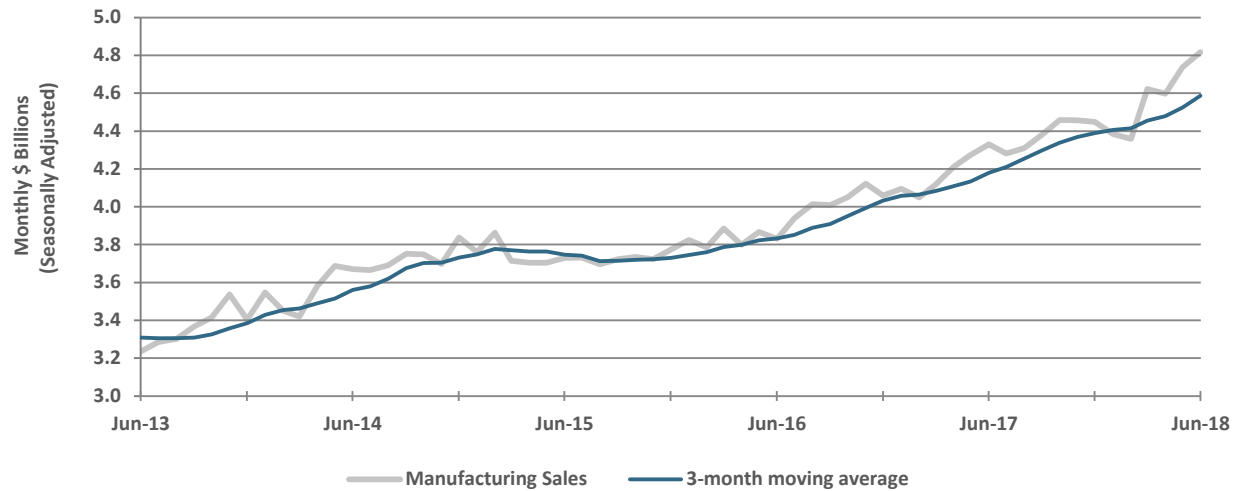


Source: Statistics Canada; North American Industry Classification System (NAICS 23), not seasonally adjusted

The B.C. labour market for the construction industry has been on a strong upswing in the last two years. Employment levels increased 1.3% from July 2017 to July 2018. The labour force increased by 0.5% during the same period. In July, employment month-over-month growth increased 0.2% and labour force decreased 0.2%. The unemployment rate in B.C.'s construction industry decreased 0.37 percentage points in July to 3.7%.

B.C. ECONOMY

Exhibit 3.7 Manufacturing Sales



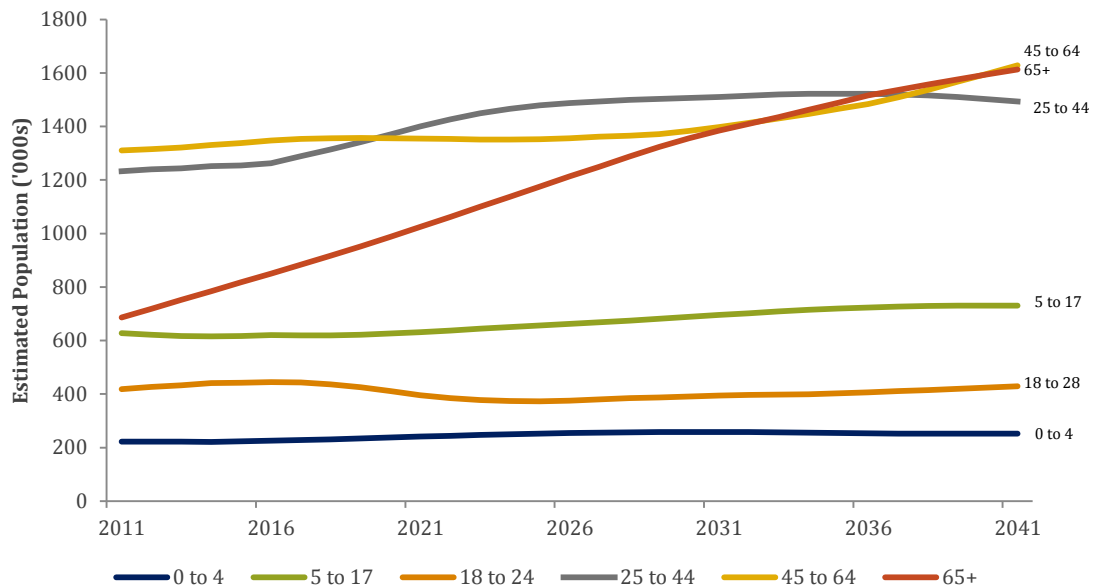
Source: Statistic Canada

In June 2018, B.C.'s manufacturing sales increased 1.7% to \$4.82B. Sales were 11.3% above year-ago levels.

B.C. DEMOGRAPHICS

4. B.C. Demographics

Exhibit 4.1 Population by Age Group



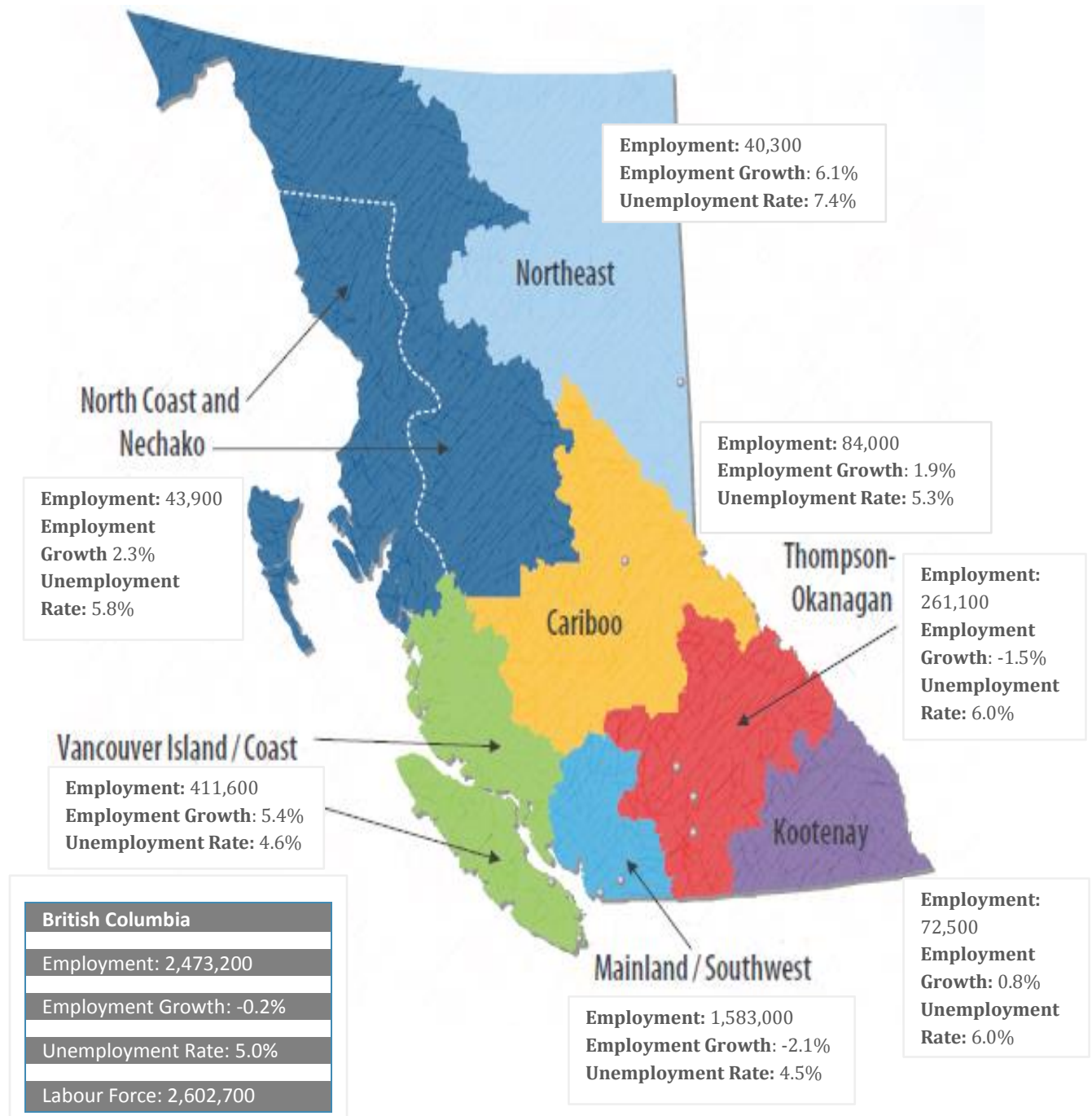
Source: BC Stats

B.C.'s population is estimated to be 4.87 million in 2018. Over the next 5 years, the population is projected to grow 1.2 percent per year.

REGIONAL SUMMARIES

5. Regional Summaries

Regional Labour Market Statistics – July 2018



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

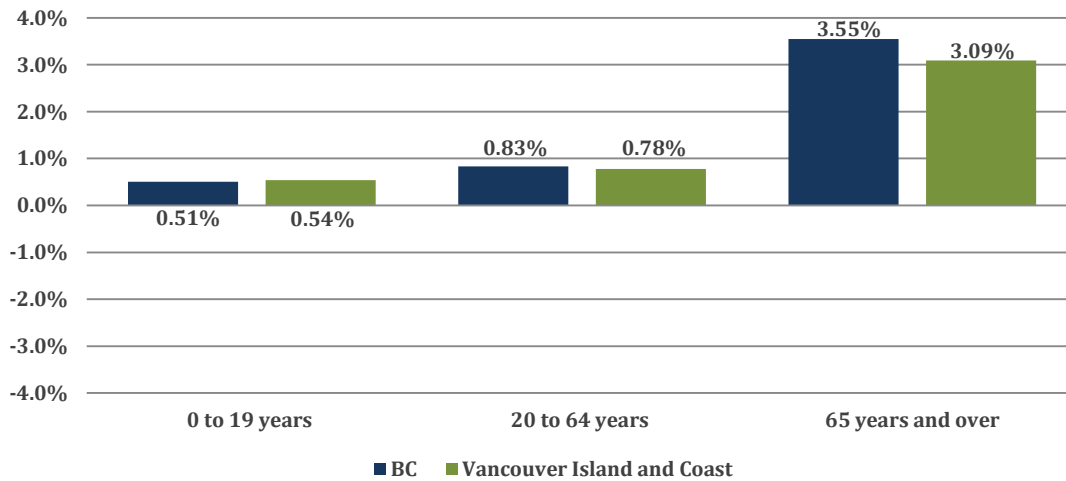
Source: Statistics Canada

VANCOUVER ISLAND/COAST REGION

6. Vancouver Island/Coast Region

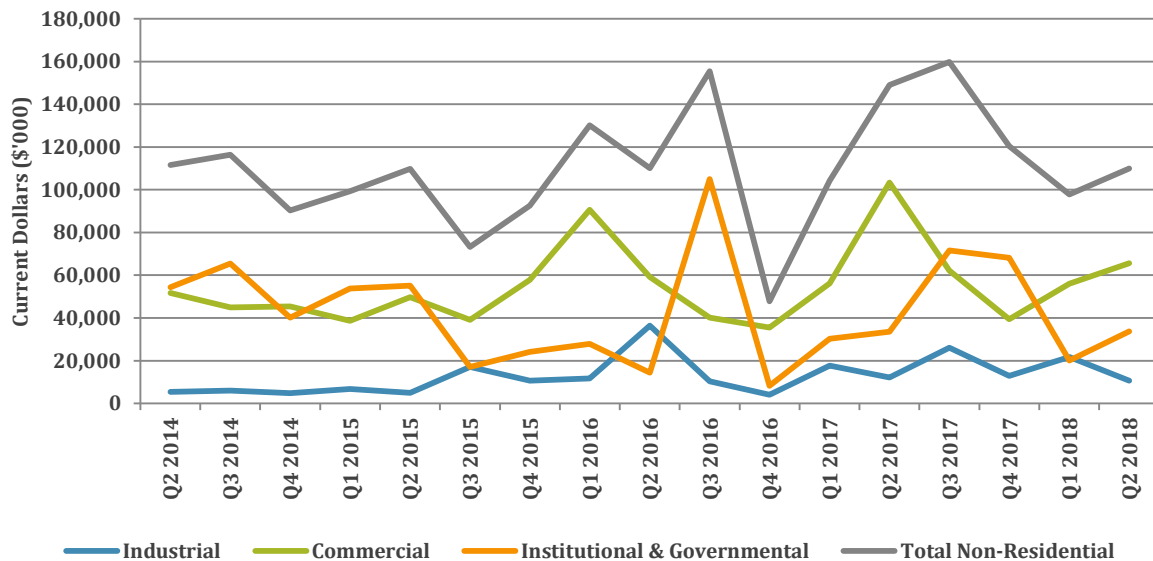
Key Economic Indicators

Exhibit 6.1 Population Growth 2016 - 2017



Source: BC Stats

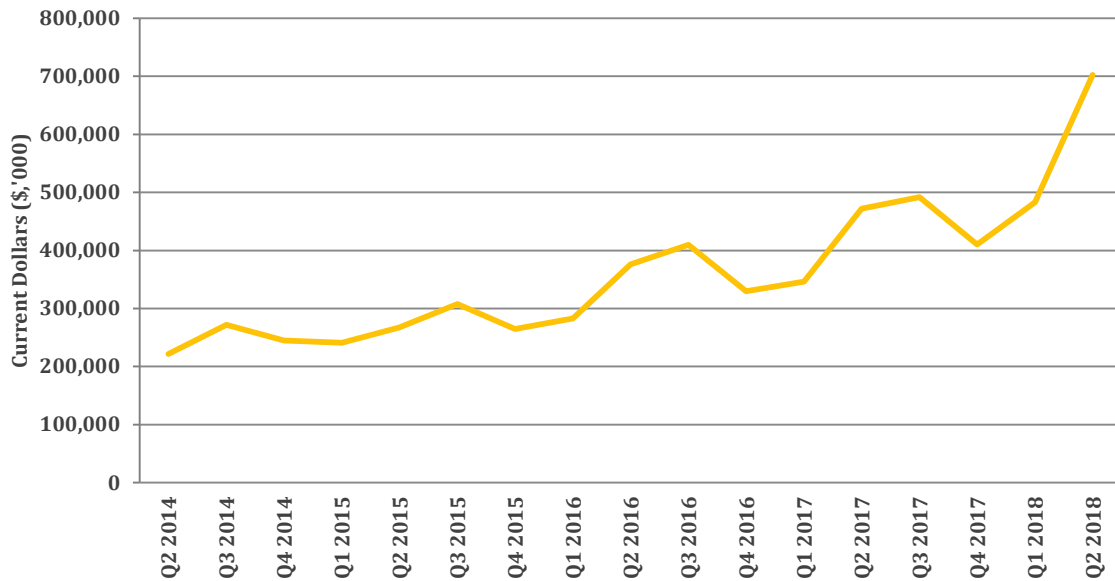
Exhibit 6.2 Value of Non-Residential Building Permits



Source: BC Stats

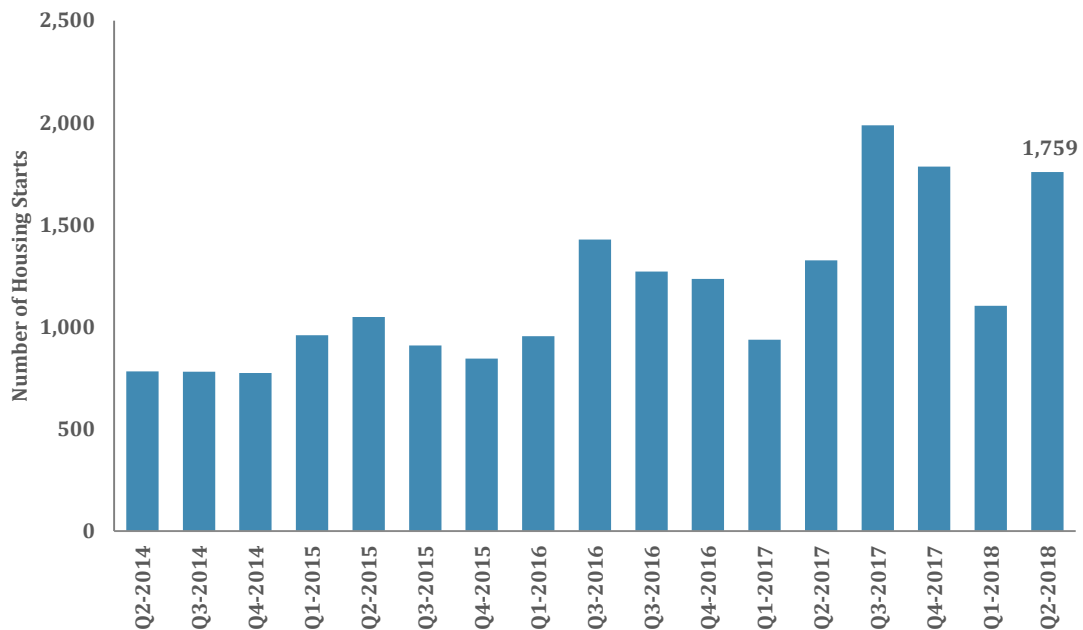
VANCOUVER ISLAND/COAST REGION

Exhibit 6.3 Value of Residential Building Permits



Source: BC Stats

Exhibit 6.4 Housing Starts



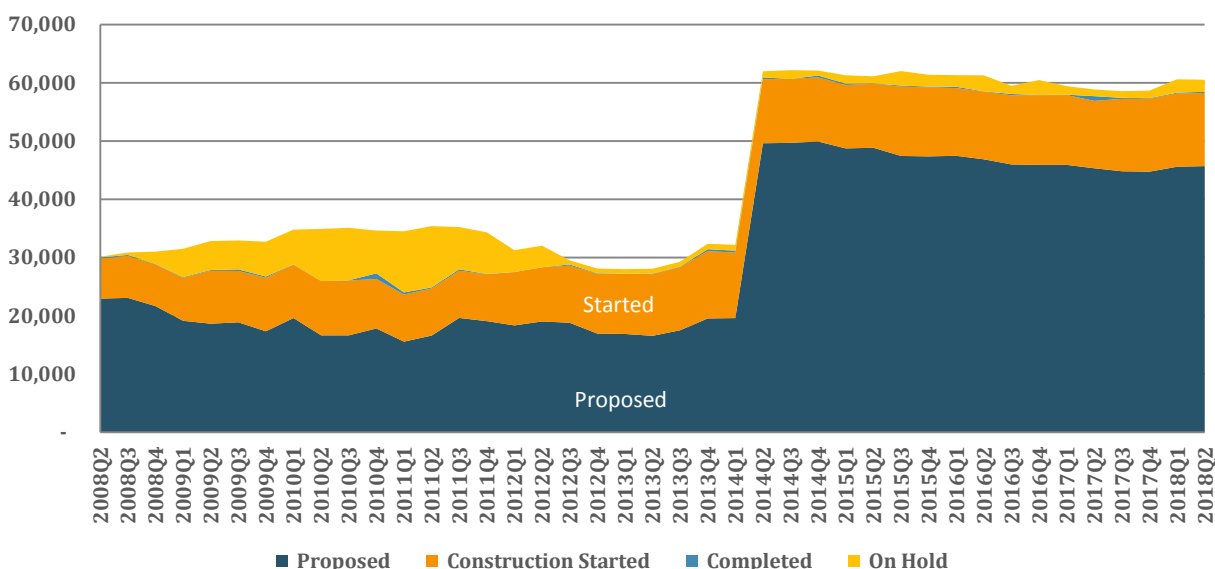
Source: CMHC

VANCOUVER ISLAND/COAST REGION

Trends in Major Projects

Exhibit 6.5 Estimated Cost Trends in Major Projects (\$ M)

Vancouver Island/Coast Region



- In Q2 2018, the Vancouver Island/Coast region has a total of 153 major projects with a combined value of \$60.5 B, representing a 0.1 percent decrease over the previous quarter and a 3 percent increase compared to one year earlier.
- There are 3 newly proposed projects added to the MPI this quarter: Seniors Complex (\$28 M), Lake Trail Middle School Seismic Upgrades (\$27 M), and Ironworks Condominium (\$20 M).
- Five major projects were completed in this quarter: Johnson Street Bridge Replacement (\$105 M), Victoria International Marina (\$35 M), Centre for Enviro Science/ International Partnership (\$25 M), Vancouver Island University – Trades Complex (\$22 M), and Belleville Terminal Revitalization (\$17 M).
- Highway 4 Kennedy Lake Realignment (\$38 M), Condominium Development – 433 Boleskine Road (\$18 M), and Nigel Valley Supportive Housing Development began construction in this quarter.

Exhibit 6.6 Estimated Cost Trends in Major Projects, by Project Status (\$M)

Vancouver Island/Coast Region

Status	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	Change from the previous quarter	Change from the previous year
Proposed	45,313	44,800	44,733	45,578	45,685	0.2%	0.8%
Construction started	11,580	12,431	12,522	12,571	12,557	-0.1%	8.4%
Completed	799	175	98	144	204	41.7%	-74.5%
On hold	1,148	1,148	1,298	2,298	2,073	-9.8%	80.6%
Grand Total	58,840	58,554	58,651	60,591	60,519	-0.1%	2.9%

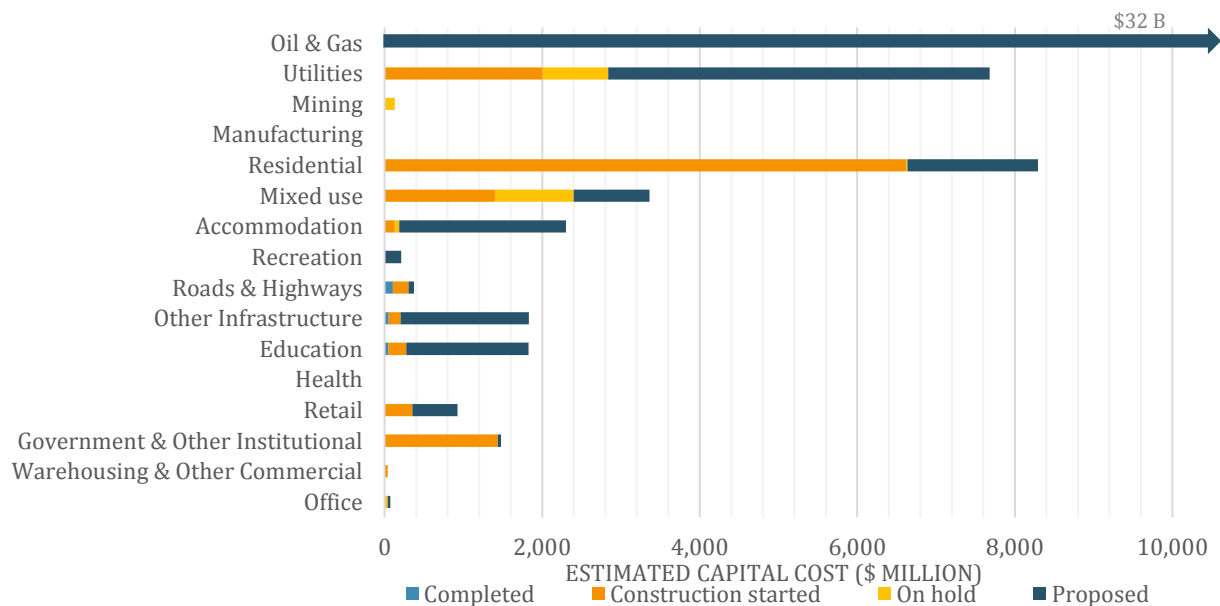
VANCOUVER ISLAND/COAST REGION

Exhibit 6.7 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	45,685	75%	78	626	5.9
Preliminary/Feasibility	32,121	53%	23	1606	4.2
Consultation/Approvals	11,285	19%	35	342	6.5
Permitting	651	1%	7	93	3.5
Tender/Preconstruction	1,328	2%	8	166	6.1
Stage Unknown	300	0%	5	60	12.2
On hold	2,073	3%	9	230	12.1
Construction started	12,557	21%	61	217	7.1
Completed	204	0%	5	41	5.1
Total	60,519	100%	153	417	6.7

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 6.8 Major Projects Status, by Construction Subtype
Vancouver Island/Coast Region

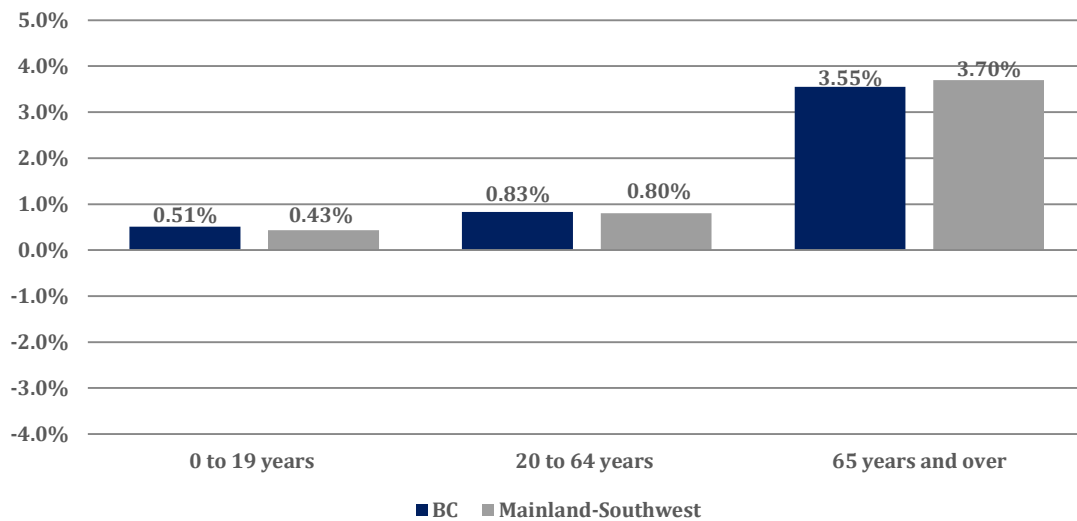


MAINLAND/SOUTHWEST REGION

7. Mainland/Southwest Region

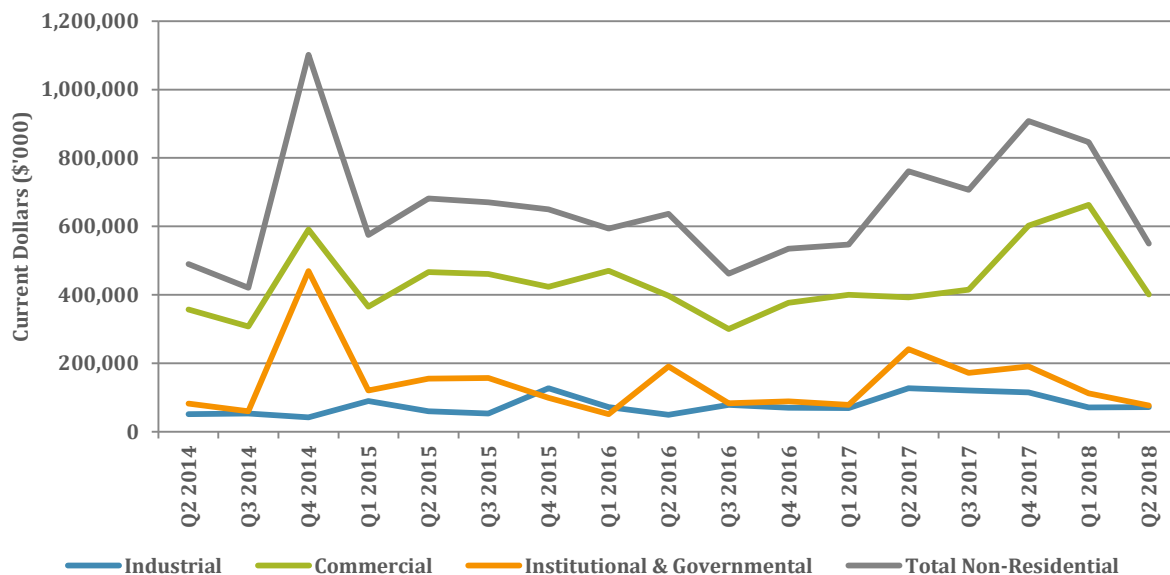
Key Economic Indicators

Exhibit 7.1 Population Growth 2016 - 2017



Source: BC Stats

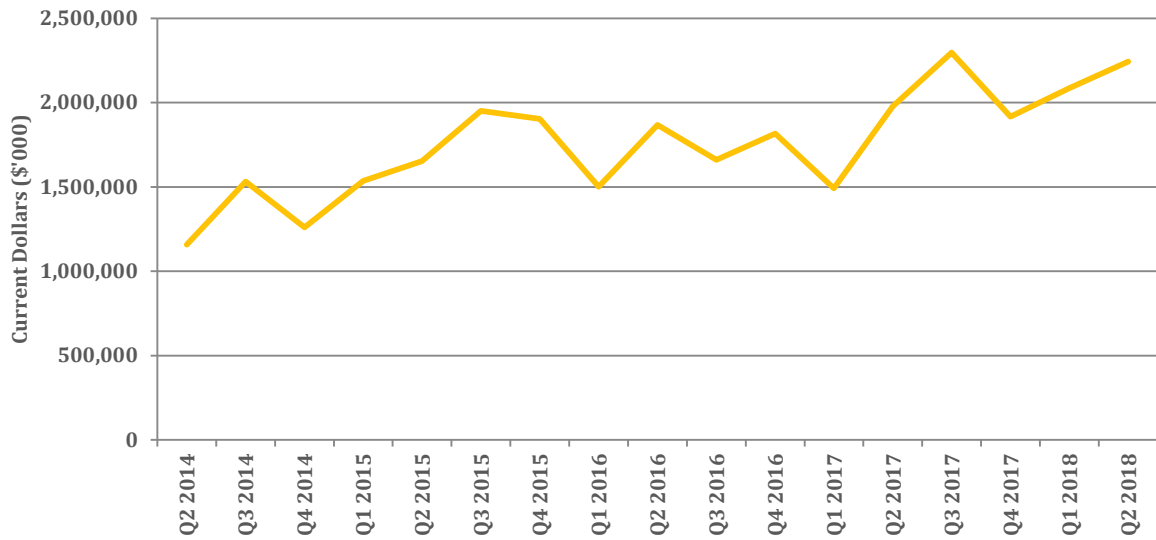
Exhibit 7.2 Value of Non-Residential Building Permits



Source: BC Stats

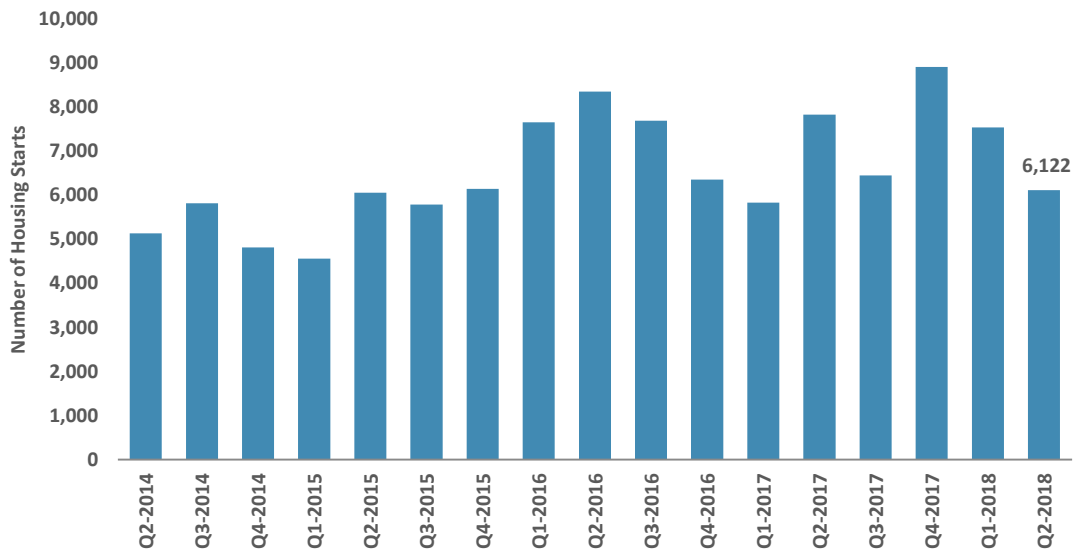
MAINLAND/SOUTHWEST REGION

Exhibit 7.3 Value of Residential Building Permits



Source: BC Stats

Exhibit 7.4 Housing Starts



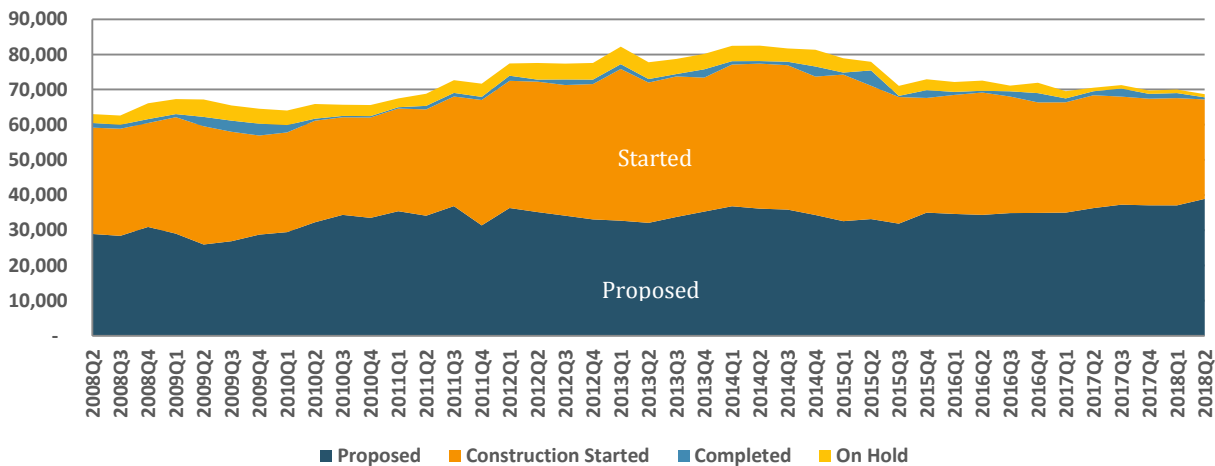
Source: CMHC

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

MAINLAND/SOUTHWEST REGION

Trends in Major Projects

Exhibit 7.5 Estimated Cost Trends in Major Projects (\$M)
Mainland/Southwest Region



- In Q2 2018, the Mainland/Southwest region has a total of 504 major projects with a combined value of \$69 B, representing a 1.9 percent decrease over the previous quarter and a 2.6 percent decrease compared to one year earlier.
- There are 15 newly proposed projects added to the MPI this quarter. The top three largest projects are Walmart Distribution Centre (\$100 M), Eric Hamber Secondary School Replacement (\$79 M), and Foster Ave and North Rd Development (\$66 M). See more new projects in Appendix 1.
- Fifteen major projects were completed in this quarter such as Vancouver Airport Fuel Project (\$150 M), Centreview Mixed Use Development (\$60 M), and Salish Secondary (Clayton north – Site 215; \$55 M). See more completed projects in Appendix 3.
- Twenty-three major projects began construction in this quarter with total capital costs of \$895 M. The top three largest projects are Highway 91 to Highway 17 and Deltaport Way Corridor Improvements (\$245 M), Alex Fraser Bridge Improvement Project (\$70 M), and Grandview Heights Secondary (\$61 M). See more projects underway in Appendix 2.

Exhibit 7.6 Estimated Cost Trends in Major Projects, by Project Status (\$ M)
Mainland/Southwest Region

Status	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	Change from the previous quarter	Change from the previous year
Proposed	36,303	37,267	37,088	37,070	38,912	5.0%	7.2%
Construction started	32,086	30,737	30,324	30,509	28,283	-7.3%	-11.9%
Completed	1,137	2,285	1,364	1,424	600	-57.9%	-47.2%
On hold	1,007	992	952	1008	892	-11.5%	-11.4%
Grand Total	70,533	71,281	69,728	70,011	68,687	-1.9%	-2.6%

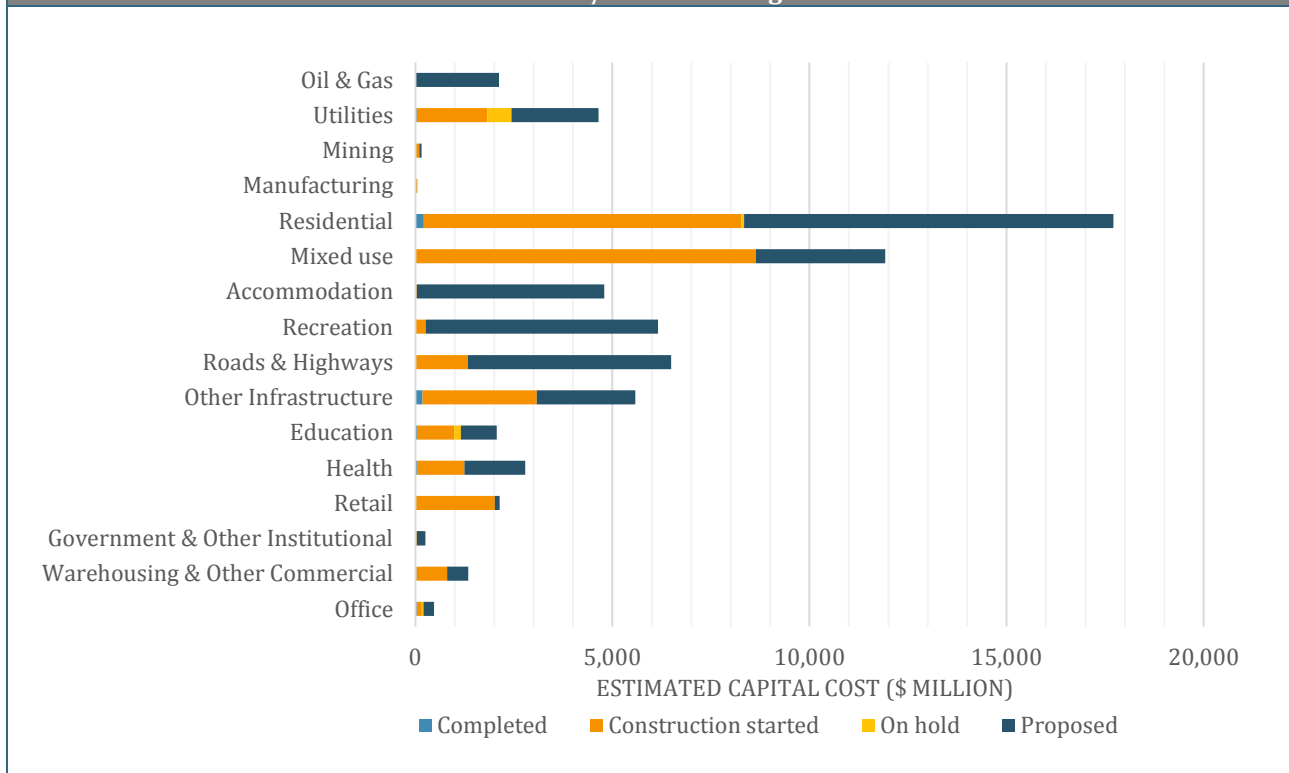
MAINLAND/SOUTHWEST REGION

Exhibit 7.7 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	38,912	57%	281	160	3.9
Preliminary/Feasibility	5,807	8%	64	121	3.6
Consultation/Approvals	11,967	17%	107	129	4.7
Permitting	2,570	4%	24	117	2.3
Tender/Preconstruction	7,254	11%	63	125	2.2
Stage Unknown	11,314	16%	23	514	7.5
On Hold	892	1%	10	99	10.2
Construction Started	28,283	41%	198	146	5.0
Completed	600	1%	15	40	4.8
Total	68,687	100%	504	149	4.5

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 7.8 Major Projects Status, by Construction Subtype
Mainland/Southwest Region

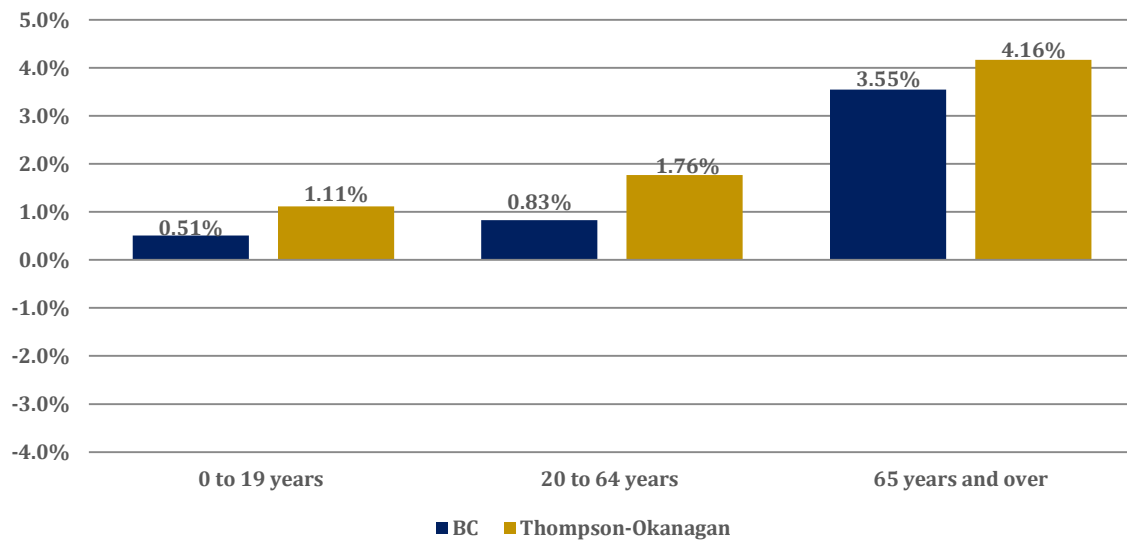


THOMPSON - OKANAGAN REGION

8. Thompson - Okanagan Region

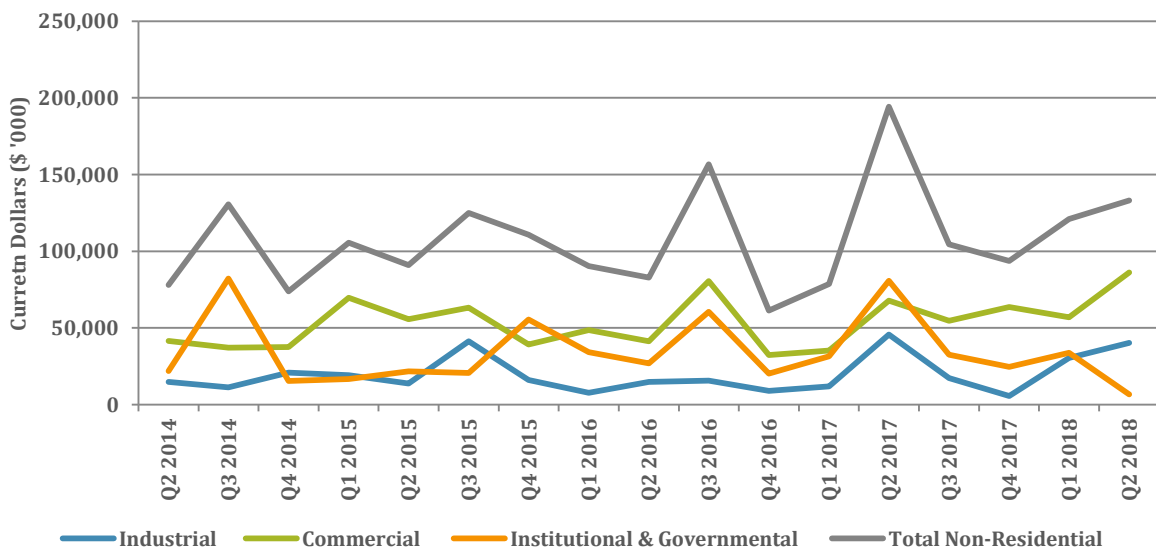
Key Economic Indicators

Exhibit 8.1 Population Growth 2016 - 2017



Source: BC Stats

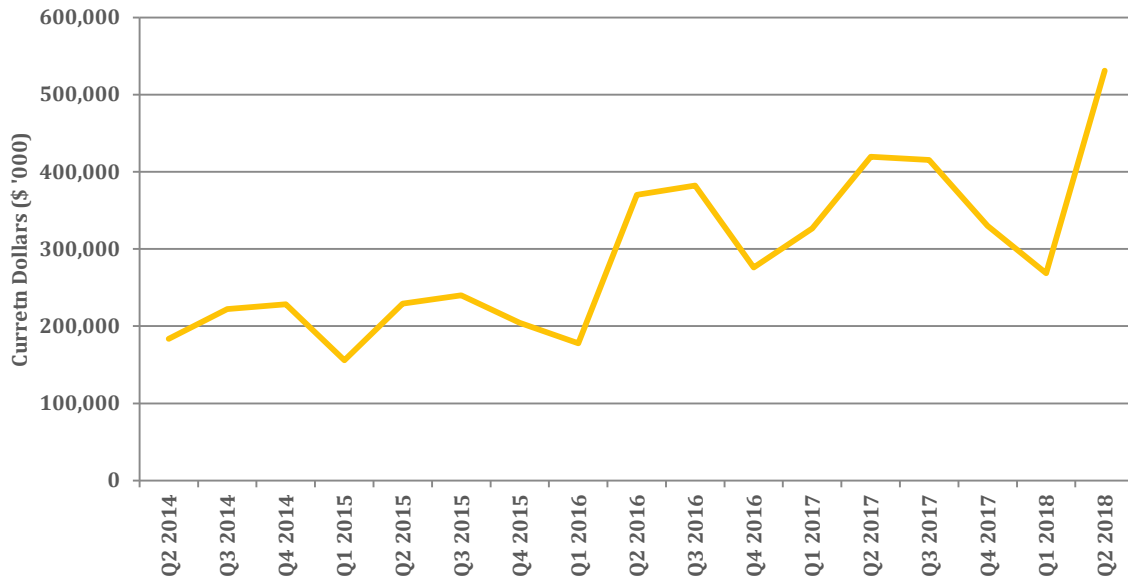
Exhibit 8.2 Value of Non-Residential Building Permits



Source: BC Stats

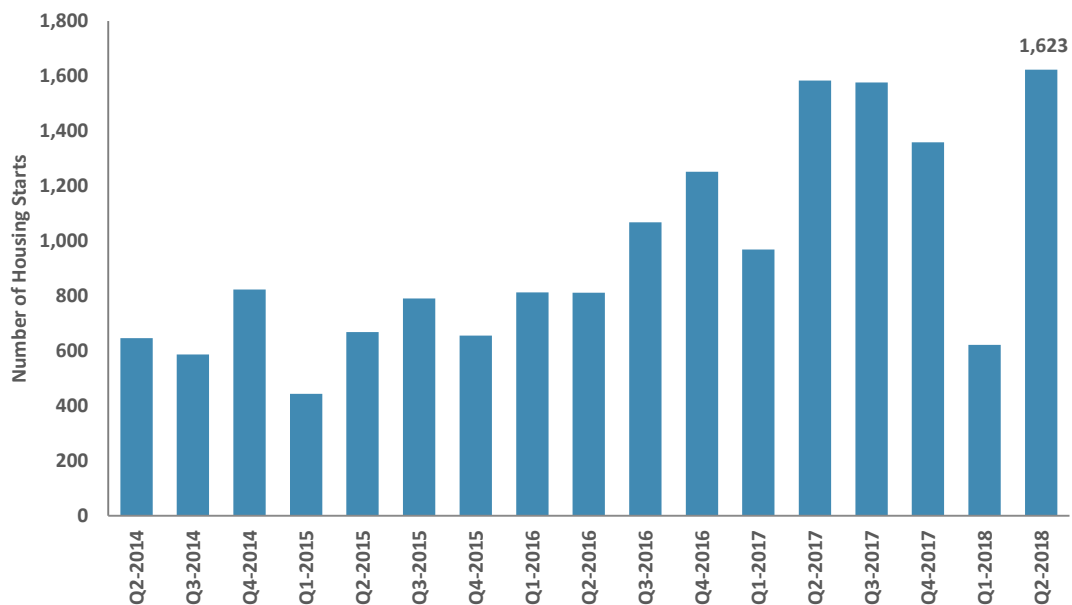
THOMPSON - OKANAGAN REGION

Exhibit 8.3 Value of Residential Building Permits



Source: BC Stats

Exhibit 8.4 Housing Starts



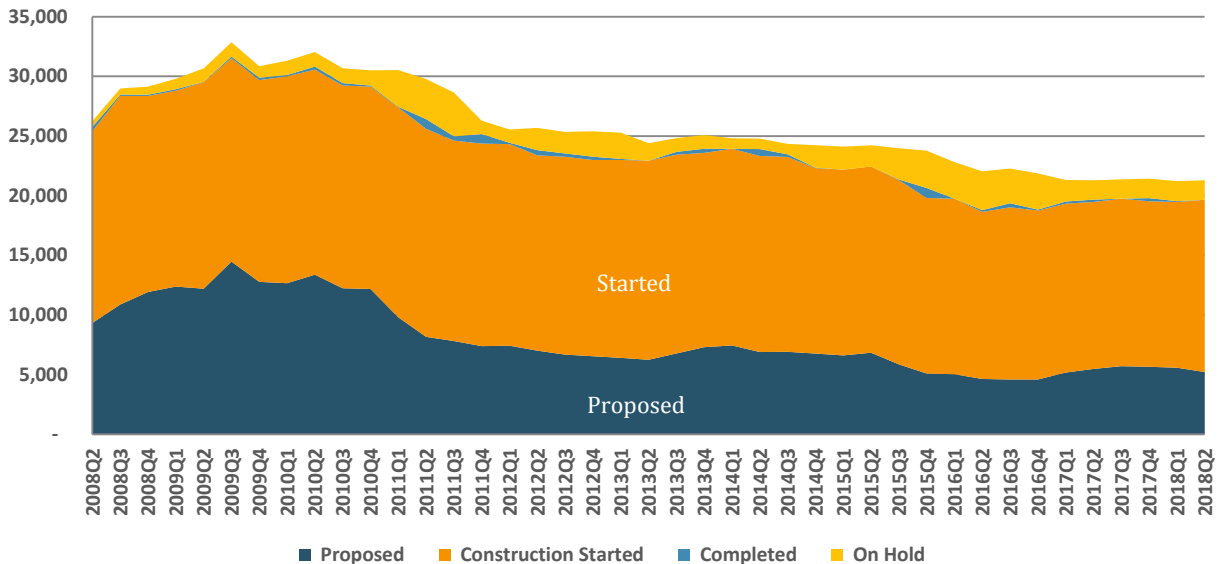
Source: CMHC

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

THOMPSON - OKANAGAN REGION

Trends in Major Projects

Exhibit 8.5 Estimated Cost Trends in Major Projects (\$M)
Thompson-Okanagan Region



- In Q2 2018, the Thompson-Okanagan region has a total of 109 major projects with a combined value of \$21.3 B, representing a 0.3 percent increase over the previous quarter and remain relatively unchanged compared to one year earlier.
- There are 3 newly proposed projects added to the MPI this quarter: The Dunes Residential Development (\$50 M), Affordable Housing Complex (\$23 M), and Student Housing Plan (\$37 M).
- Six major projects began construction in this quarter with total capital costs of \$546 M. The top three largest projects are Highway 1 – Hoffman's Bluff to Jade Mountain, Highway 1 – salmon Arm West (\$163 M), and SEKID/SOMID Water Supply Project (\$64 M). See more projects underway in Appendix 2.

Exhibit 8.6 Estimated Cost Trends in Major Projects, by Project Status (\$ M)
Thompson-Okanagan Region

Status	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	Change from the previous quarter	Change from the previous year
Proposed	5,471	5,703	5,653	5,574	5,210	-6.5%	-4.8%
Construction started	13,997	14,038	13,872	13,892	14,438	3.9%	3.2%
Completed	194	0	260	70	0	0.0%	0.0%
On hold	1,622	1,622	1,637	1,677	1,638	-2.3%	1.0%
Grand Total	21,284	21,363	21,422	21,213	21,286	0.3%	0.0%

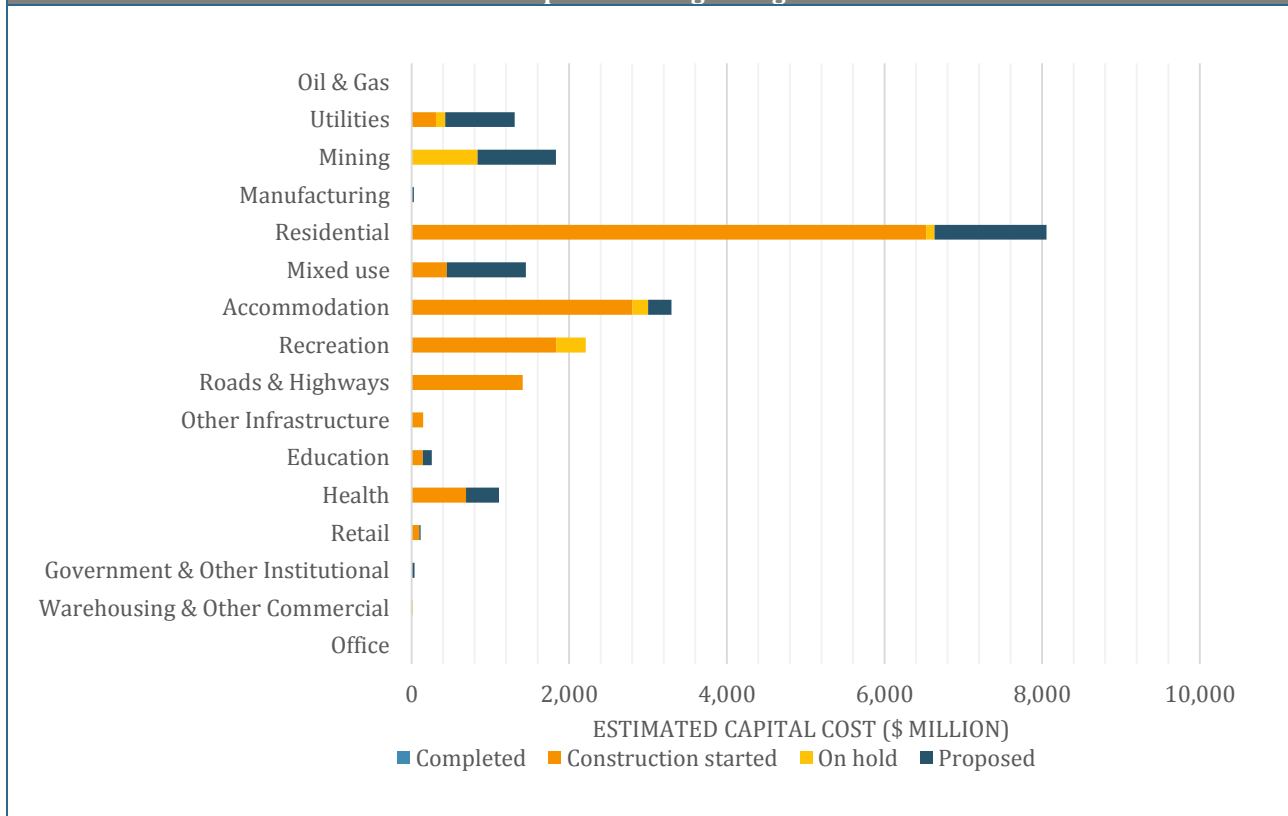
THOMPSON - OKANAGAN REGION

Exhibit 8.7 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	5,210	24%	42	137	6.7
Preliminary/Feasibility	310	1%	10	44	5.3
Consultation/Approvals	3,848	18%	19	203	7.5
Permitting	264	1%	3	88	6.5
Tender/Preconstruction	549	3%	5	110	5.2
Stage Unknown	239	1%	5	60	7.9
On hold	1,638	8%	8	205	12.9
Construction started	14,438	68%	59	249	8.2
Completed	0	0%	0	0	0.0
Total	21,286	100%	109	205	7.9

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 8.8 Major Projects Status, by Construction Subtype
Thompson-Okanagan Region

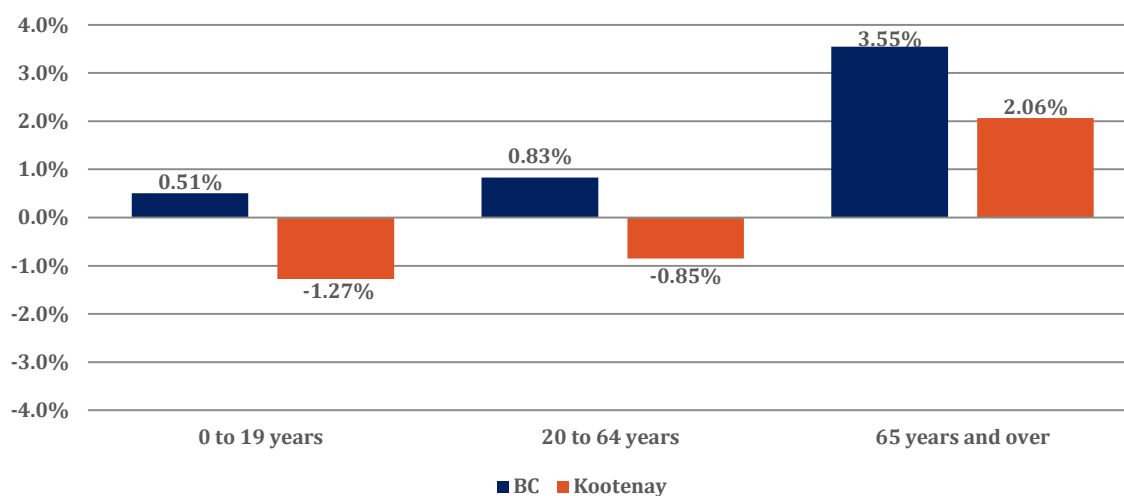


KOOTENAY REGION

9. Kootenay Region

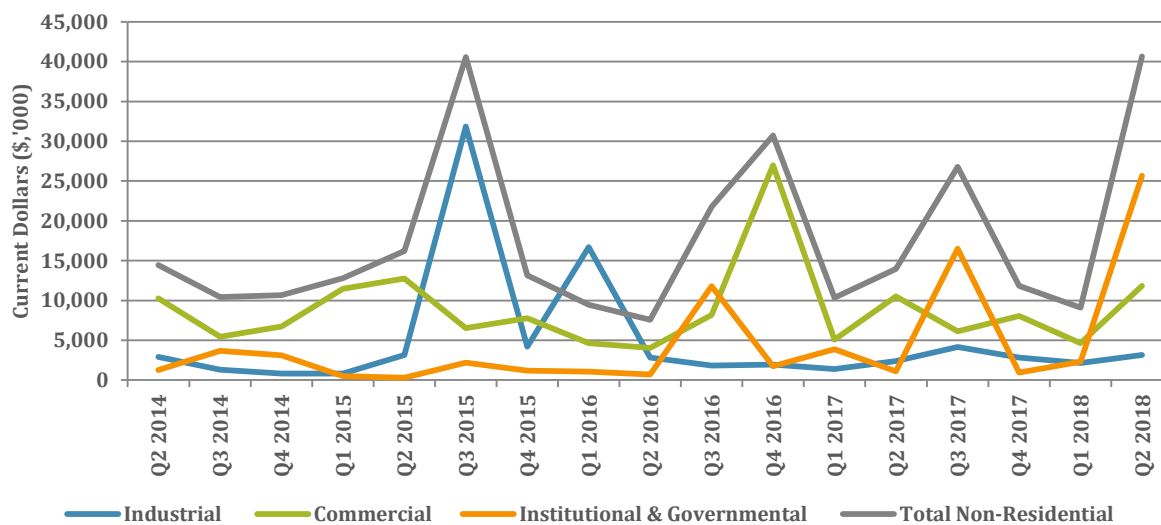
Key Economic Indicators

Exhibit 9.1 Population Growth 2016 - 2017



Source: BC Stats

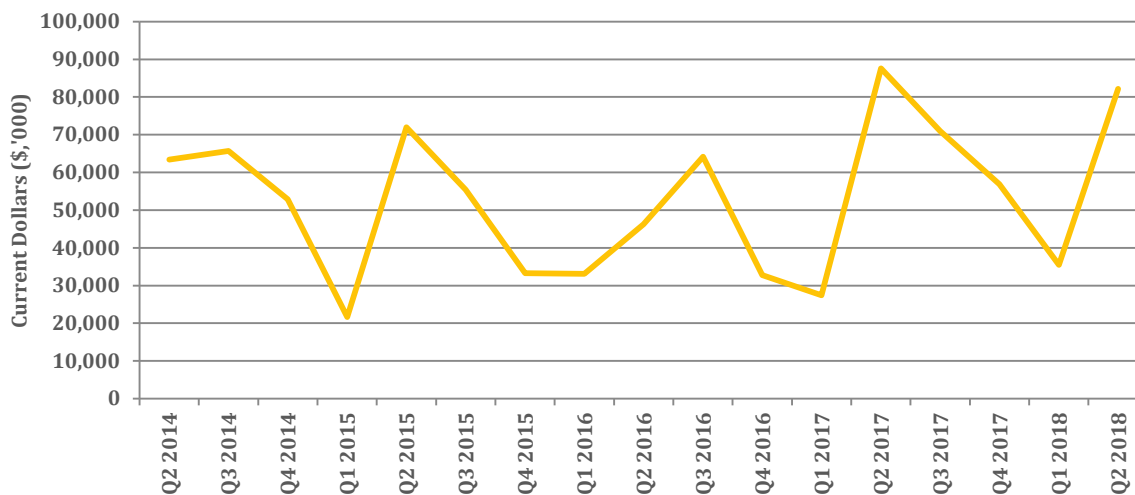
Exhibit 9.2 Value of Non-Residential Building Permits



Source: BC Stats

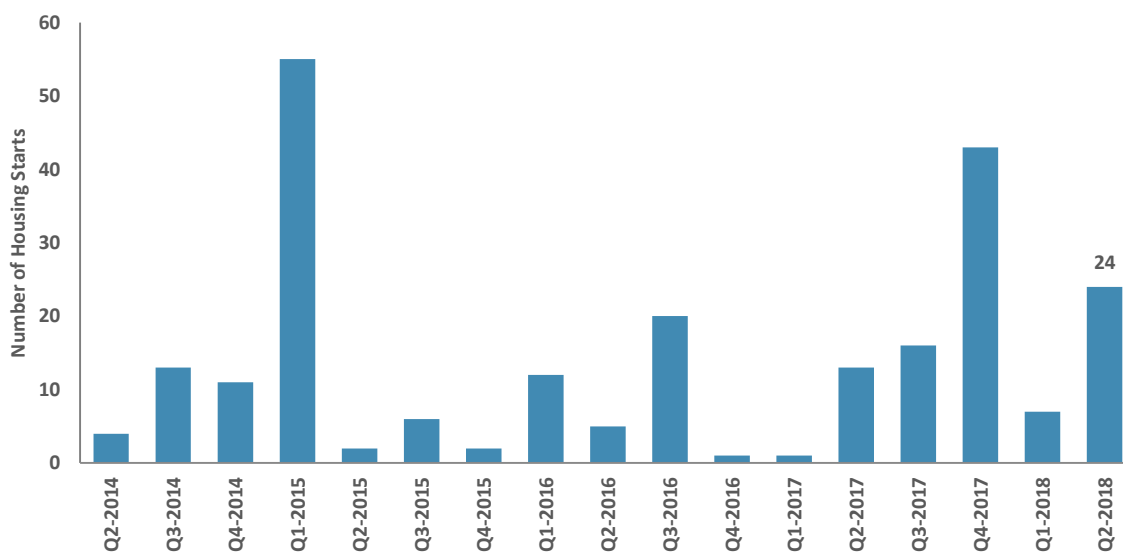
KOOTENAY REGION

Exhibit 9.3 Value of Residential Building Permits



Source: BC Stats

Exhibit 9.4 Housing Starts - Nelson

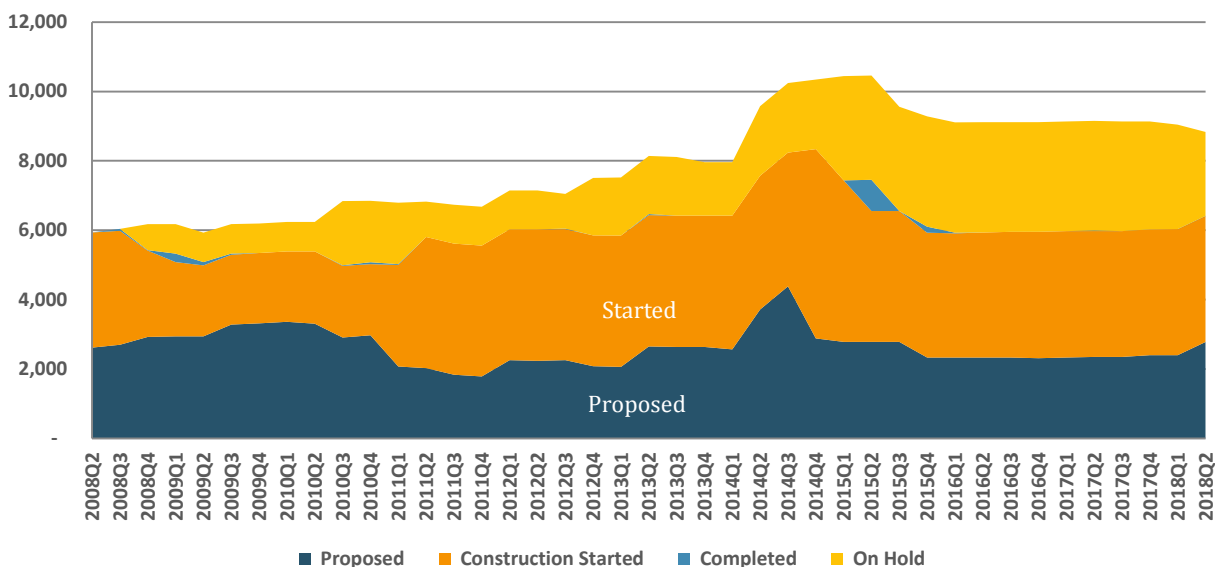


Source: CMHC

KOOTENAY REGION

Trends in Major Projects

Exhibit 9.5 Estimated Cost Trends in Major Projects (\$M)
Kootenay Region



In Q2 2018, the Kootenay region had a total of 29 major projects with a combined value of \$9 B, representing a 2.3 percent decrease over the previous quarter and a 3.5 percent decrease compared to one year earlier.

Exhibit 9.6 Estimated Cost Trends in Major Projects, by Project Status (\$M)
Kootenay Region

Status	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	Change from the previous quarter	Change from the previous year
Proposed	2,349	2,349	2,399	2,399	2,779	15.8%	18.3%
Construction started	3,627	3,626	3,626	3,634	3,634	0.0%	0.2%
Completed	16	-	-	-	-	0.0%	0.0%
On hold	3,160	3,160	3,110	3,010	2,420	-19.6%	-23.4%
Grand Total	9,152	9,135	9,135	9,043	8,833	-2.3%	-3.5%

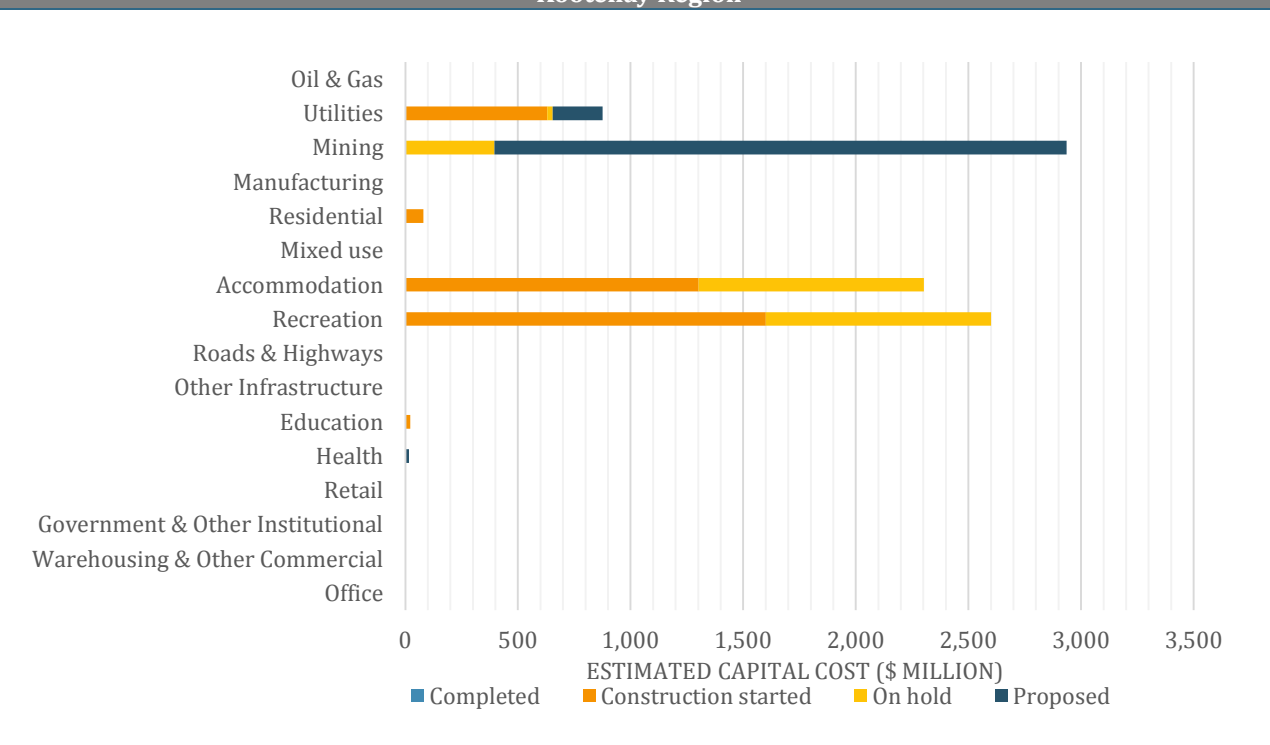
KOOTENAY REGION

Exhibit 9.7 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	2,779	31%	10	347	5.7
Preliminary/Feasibility	0	0%	2	0	2.8
Consultation/Approvals	2,332	26%	5	466	7.3
Permitting	380	4%	1	380	5.6
Tender/Preconstruction	17	0%	1	17	1.1
Stage Unknown	50	1%	1	50	8.6
On hold	2,420	27%	4	605	14.2
Construction started	3,634	41%	15	242	13.5
Completed	0	0%	0	0	0.0
Total	8,833	100%	29	327	10.9

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 9.8 Major Projects Status, by Construction Subtype
Kootenay Region

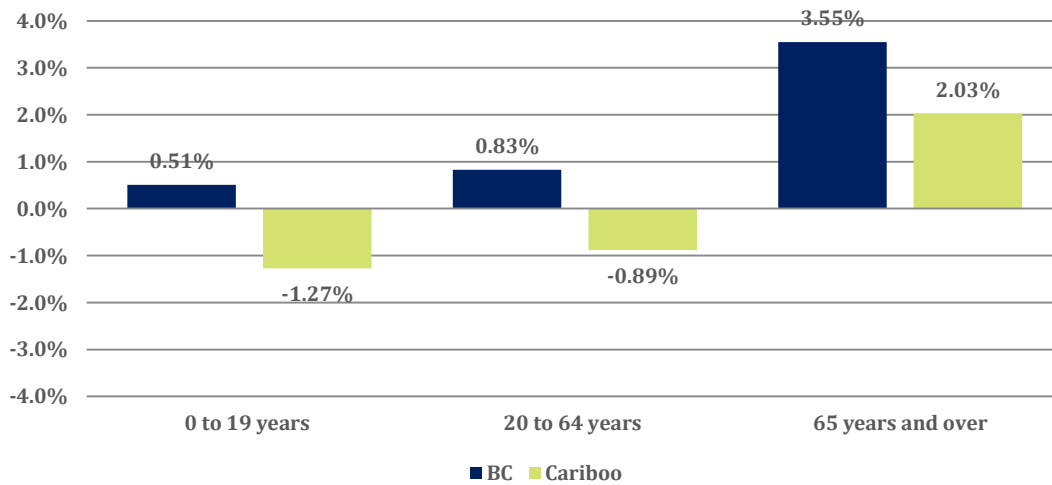


CARIBOO REGION

10. Cariboo Region

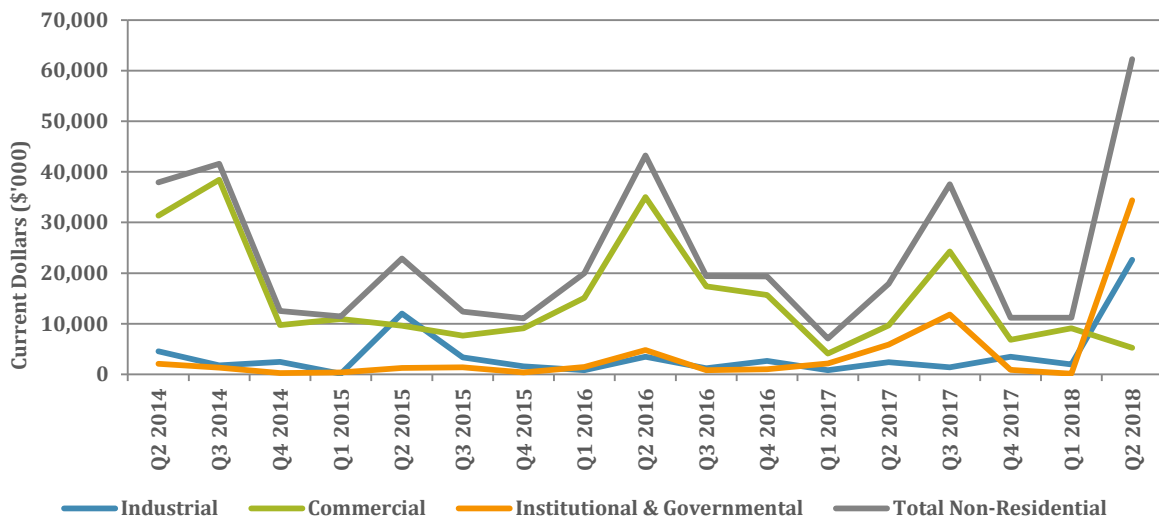
Key Economic Indicators

Exhibit 10.1 Population Growth 2016 - 2017



Source: BC Stats

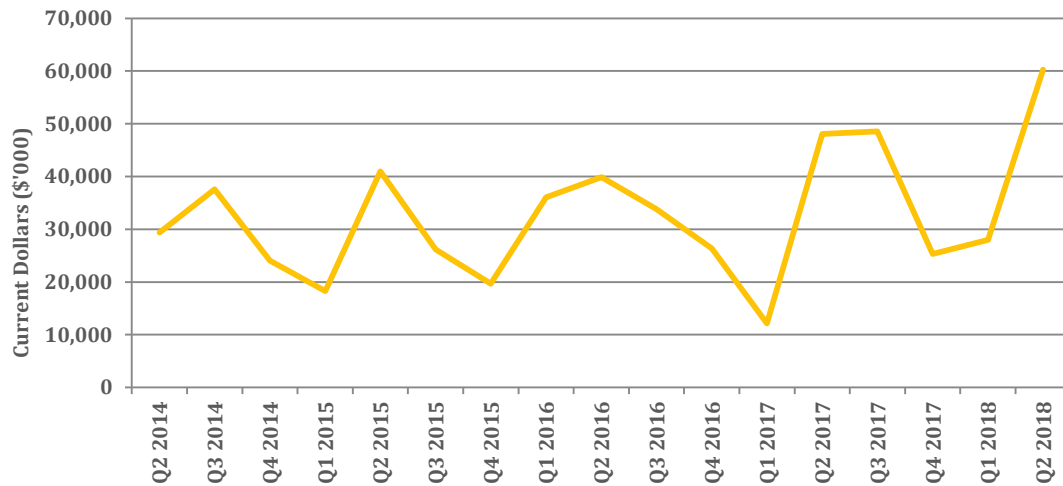
Exhibit 10.2 Value of Non-Residential Building Permits



Source: BC Stats

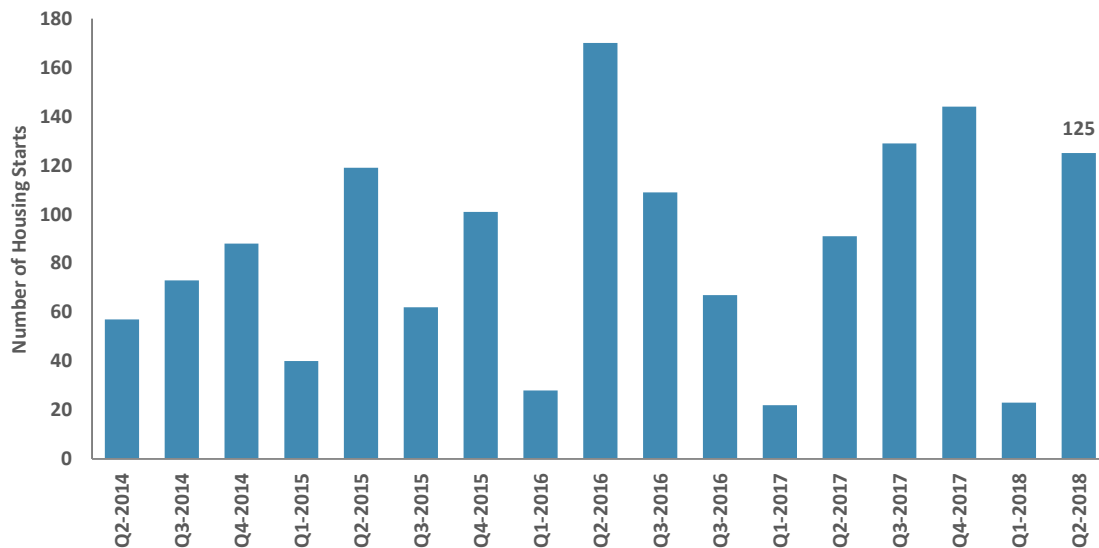
CARIBOO REGION

Exhibit 10.3 Value of Residential Building Permits



Source: BC Stats

Exhibit 10.4 Housing Starts



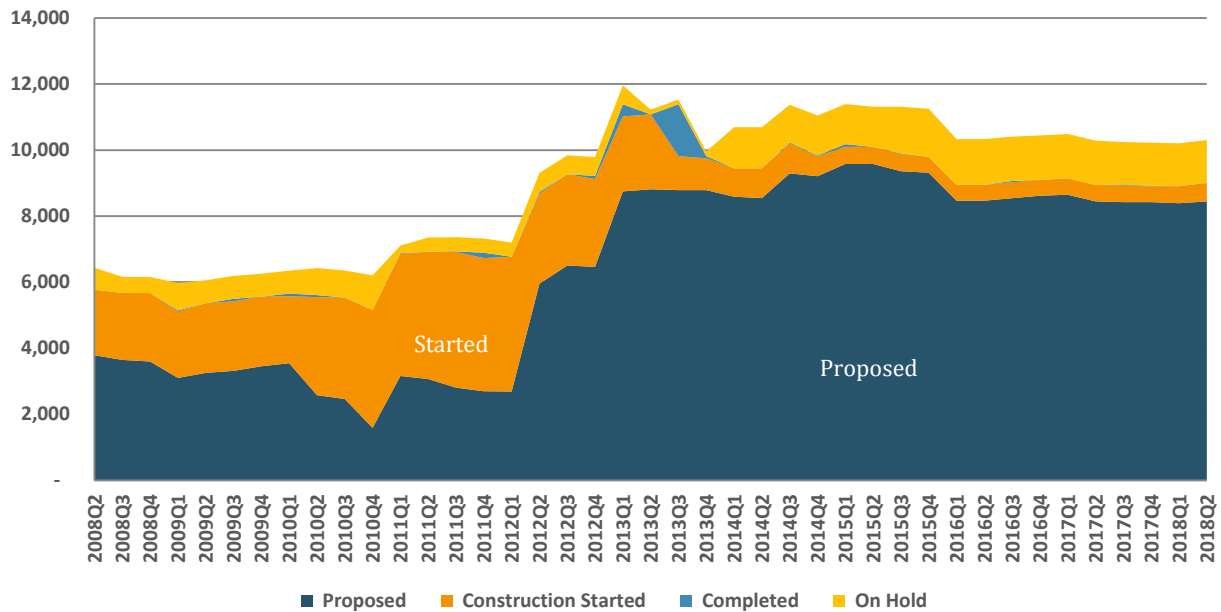
Source: CMHC

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

CARIBOO REGION

Trends in Major Projects

Exhibit 10.5 Estimated Cost Trends in Major Projects (\$ M)
Cariboo Region



- In Q2 2018, the Cariboo region has a total of 27 major projects with a combined value of \$10.3 B, representing a 1.0 percent increase over the previous quarter and a 0.2 percent increase compared to one year earlier.
- Canoe Reach Geothermal Energy Project (\$120 M) is added to the MPI this quarter.
- Kelly Road Secondary School Replacement (\$44 M) started this quarter and is expected to be completed by the third quarter of 2020.

Exhibit 10.6 Estimated Cost Trends in Major Projects, by Project Status (\$M)
Cariboo Region

Status	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	Change from the previous quarter	Change from the previous year
Proposed	8,446	8,422	8,422	8,390	8,443	0.6%	0.0%
Construction started	496	500	479	515	559	8.5%	12.7%
Completed	0	20	21	0	0	0.0%	0.0%
On hold	1,343	1,300	1,300	1,300	1,300	0.0%	-3.2%
Grand Total	10,285	10,242	10,222	10,205	10,302	1.0%	0.2%

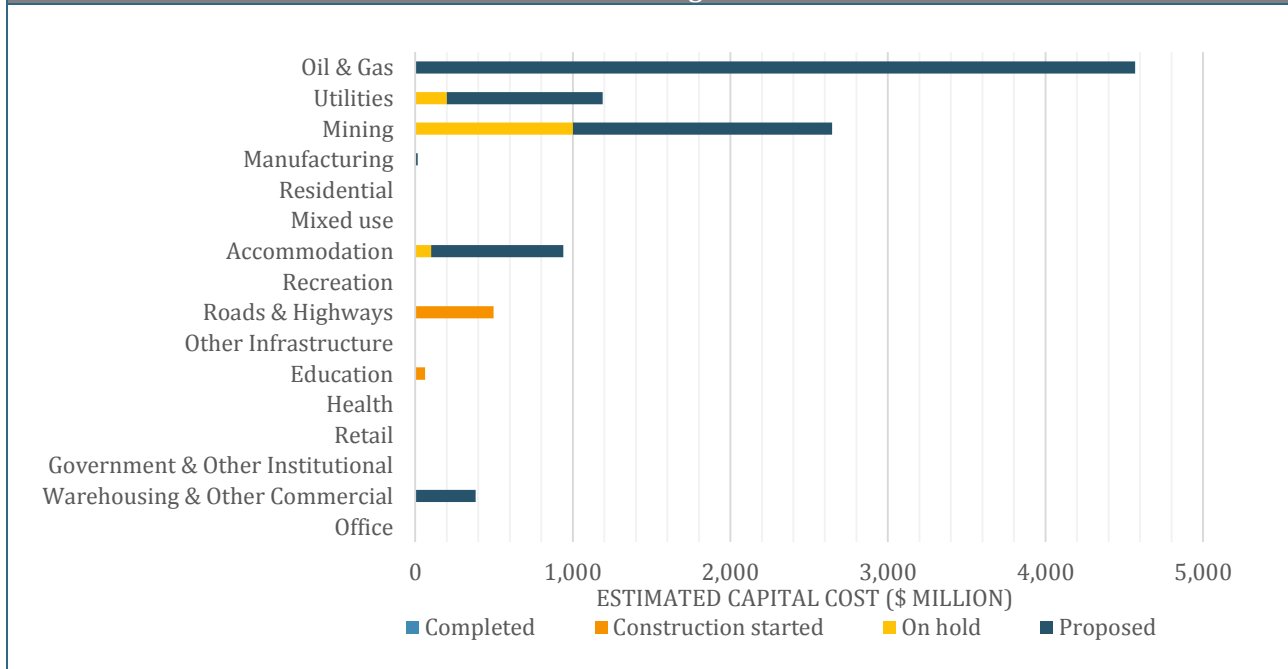
CARIBOO REGION

Exhibit 10.7 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	8,443	82%	19	497	7.5
Preliminary/Feasibility	1,692	16%	6	338	5.2
Consultation/Approvals	2,121	21%	8	303	6.4
Permitting	0	0%	0	0	0.0
Tender/Preconstruction	60	1%	1	60	19.3
Stage Unknown	4,570	44%	4	1143	10.5
On hold	1,300	13%	3	433	16.3
Construction started	559	5%	5	112	3.8
Completed	0	0%	0	0	0.0
Total	10,302	100%	27	412	7.8

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.

Exhibit 10.8 Major Projects Status, by Construction Subtype
Cariboo Region

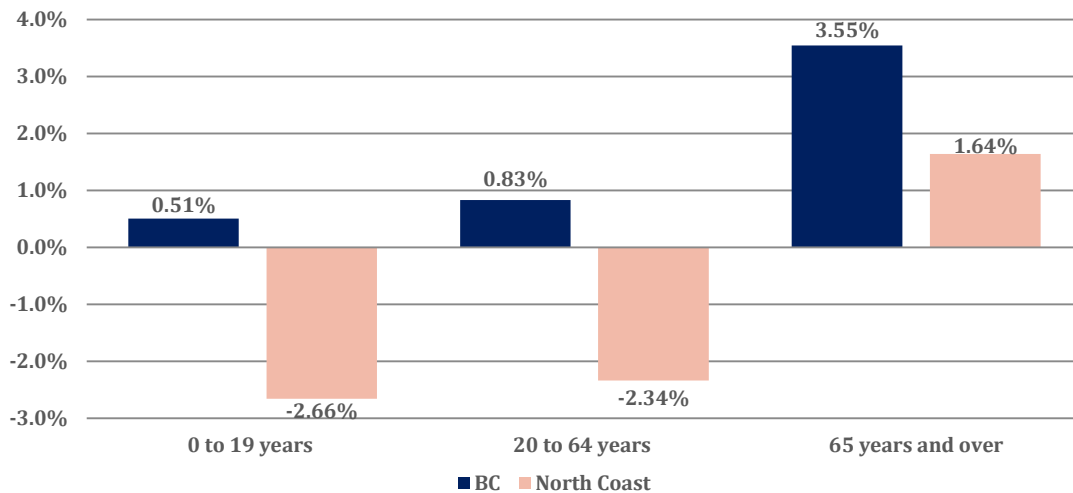


NORTH COAST REGION

11. North Coast Region

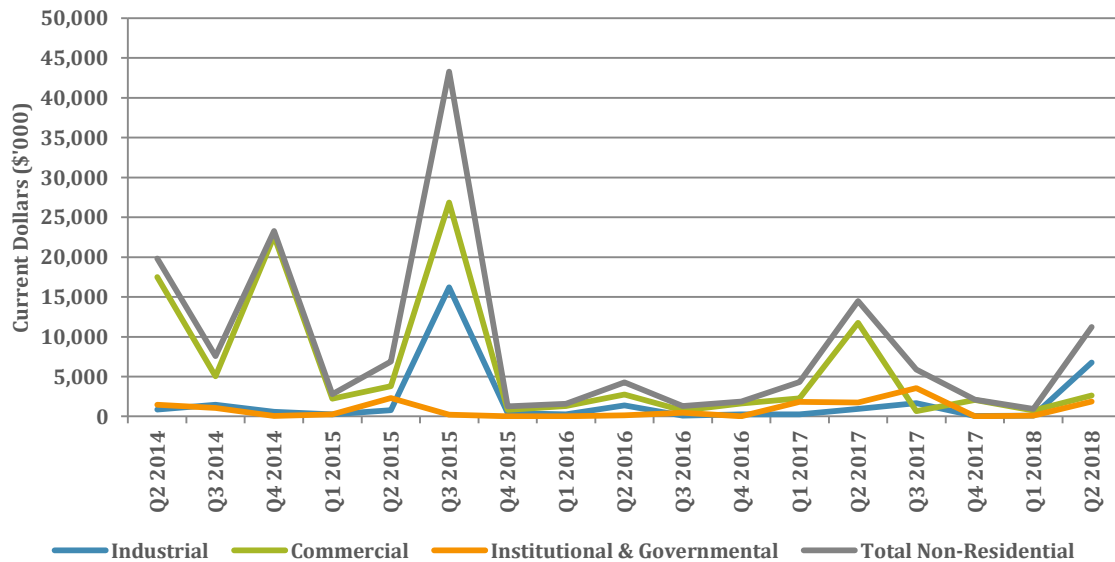
Key Economic Indicators

Exhibit 11.1 Population Growth 2016-2017



Source: BC Stats

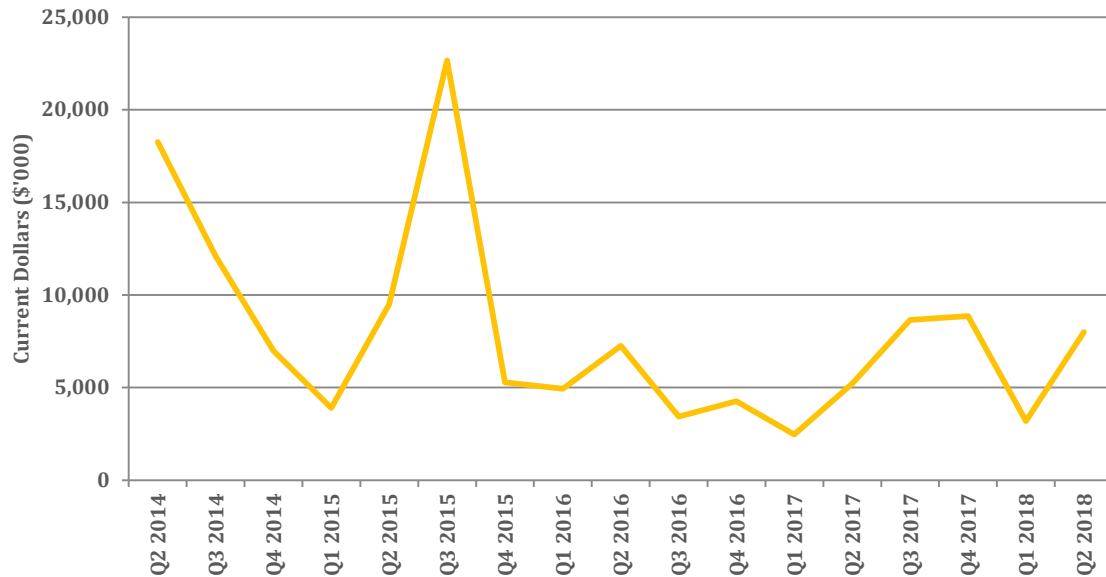
Exhibit 11.2 Value of Non-Residential Building Permits



Source: BC Stats

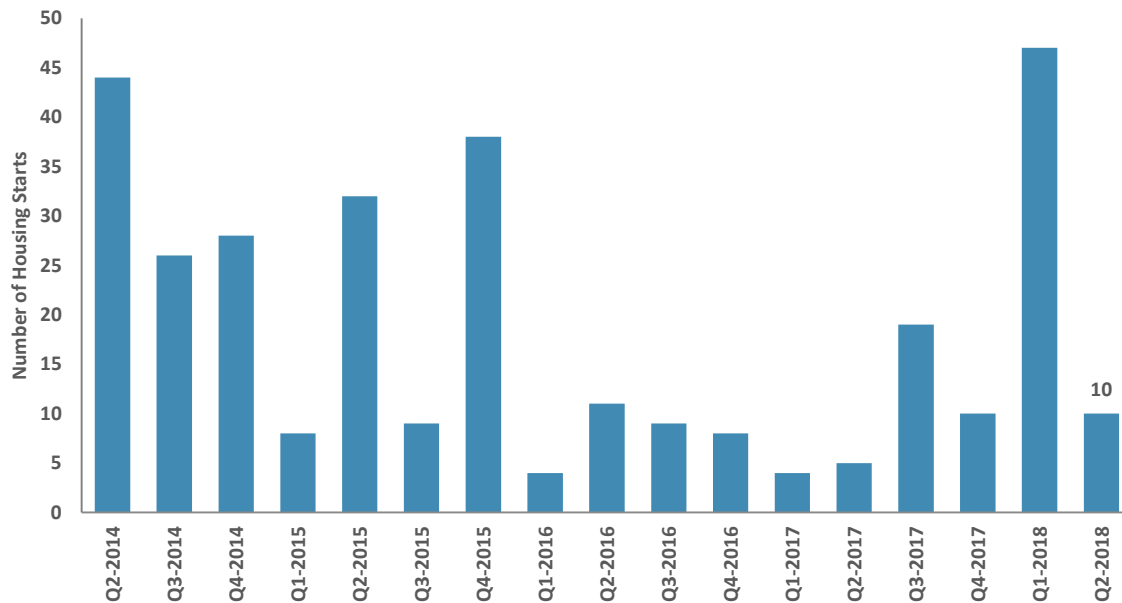
NORTH COAST REGION

Exhibit 11.3 Value of Residential Building Permits



Source: BC Stats

Exhibit 11.4 Housing Starts – North Coast



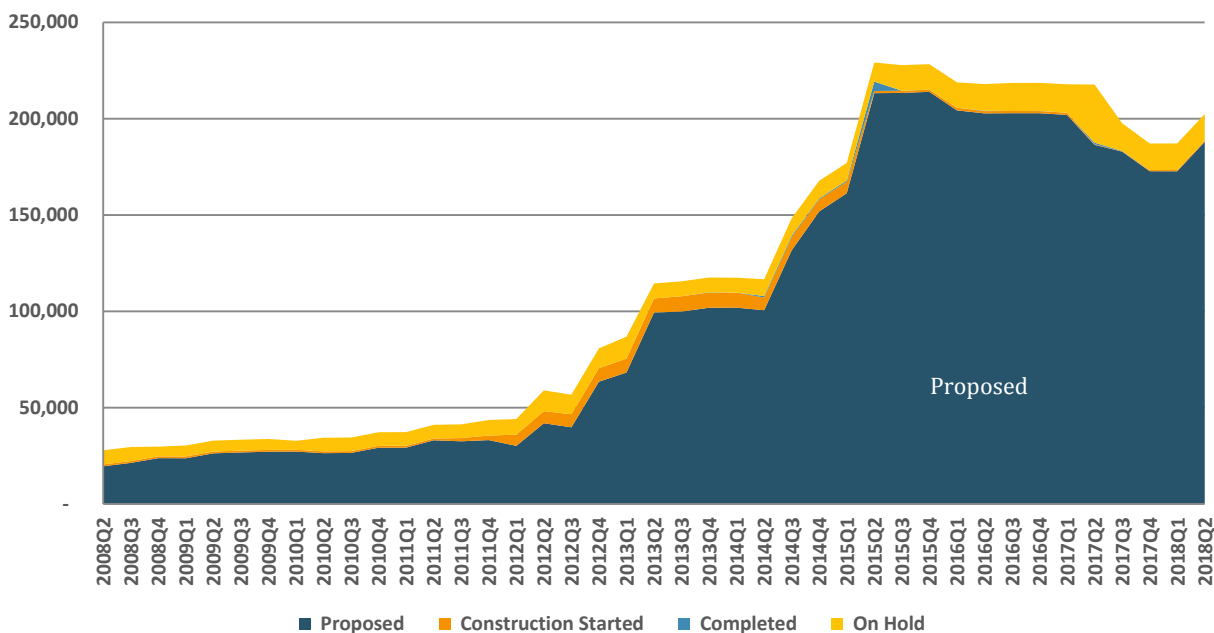
Source: CMHC

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

NORTH COAST REGION

Trends in Major Projects

Exhibit 11.5 Estimated Cost Trends in Major Projects (\$M)
North Coast Region



- In Q2 2018, the North Coast region has a total of 57 major projects with a combined value of \$202.4 B, representing a 8.2 percent increase over the previous quarter and 7.0% decrease compared to one year earlier.
- Kinskuch Hydroelectric Project (\$250 M) is added to the MPI in this quarter.
- Highway 16 – Mile 28 Crossing Project (\$37 M) started construction this quarter and is expected to be completed the second quarter of 2020.

Exhibit 11.6 Estimated Cost Trends in Major Projects, by Project Status (\$M)
North Coast Region

Status	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	Change from the previous quarter	Change from the previous year
Proposed	186,374	182,874	172,684	172,660	187,963	8.9%	0.9%
Construction started	303	141	616	647	669	3.4%	120.8%
Completed	811	200	0	0	15	-	-98.2%
On hold	30,197	14,397	13,797	13,797	13,770	-0.2%	-54.4%
Grand Total	217,685	197,612	187,097	187,104	202,417	8.2%	-7.0%

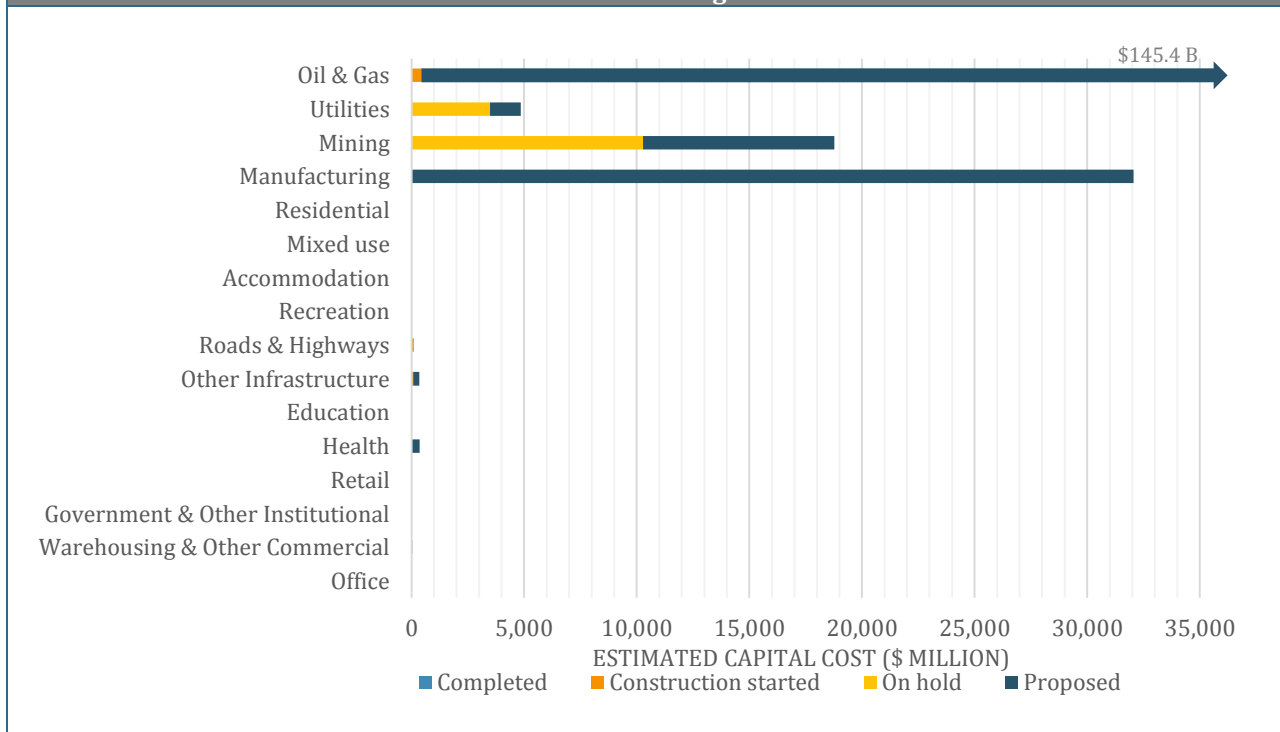
NORTH COAST REGION

Exhibit 11.7 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	187,963	93%	40	5,874	6.4
Preliminary/Feasibility	34,215	17%	11	4,277	4.7
Consultation/Approvals	106,102	52%	22	5,895	6.8
Permitting	2,600	1%	2	1,300	13.2
Tender/Preconstruction	0	0%	1	0	6.6
Stage Unknown	45,046	22%	4	11,262	5.3
On hold	13,770	7%	10	1,530	11.1
Construction started	669	0%	6	111.5	2.5
Completed	15	0%	1	15	3.8
Total	202,417	100%	57	4,217	6.8

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.

Exhibit 11.8 Major Projects Status, by Construction Subtype
North Coast Region

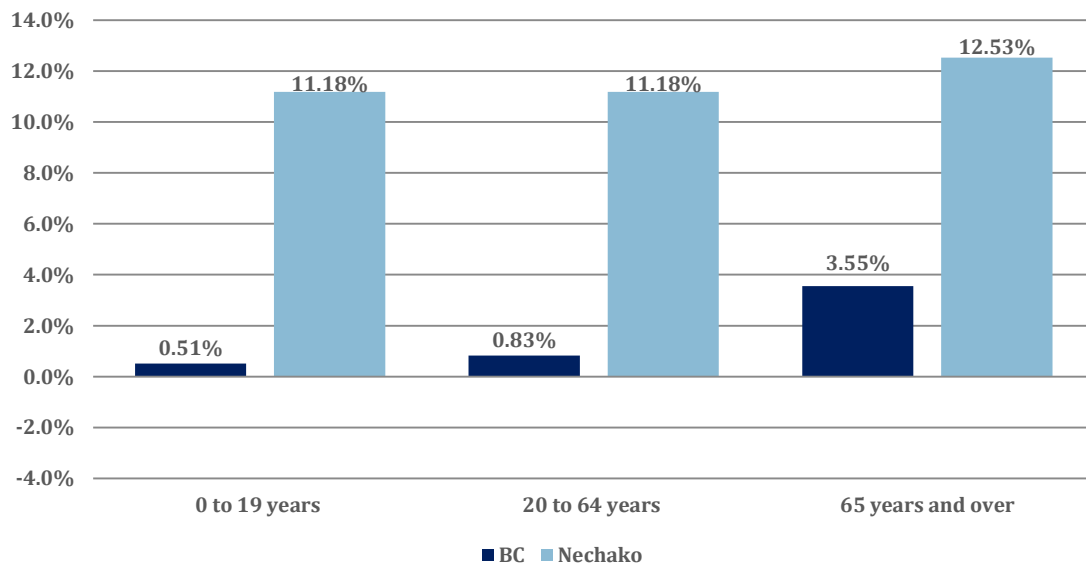


NECHAKO REGION

12. Nechako Region

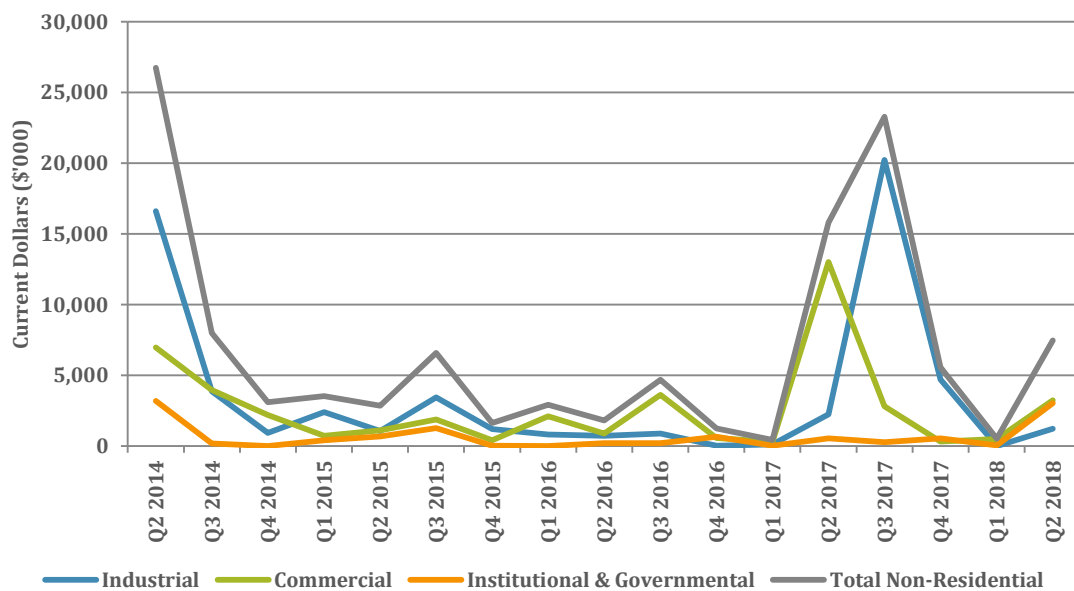
Key Economic Indicators

Exhibit 12.1 Population Growth 2016-2017



Source: BC Stats

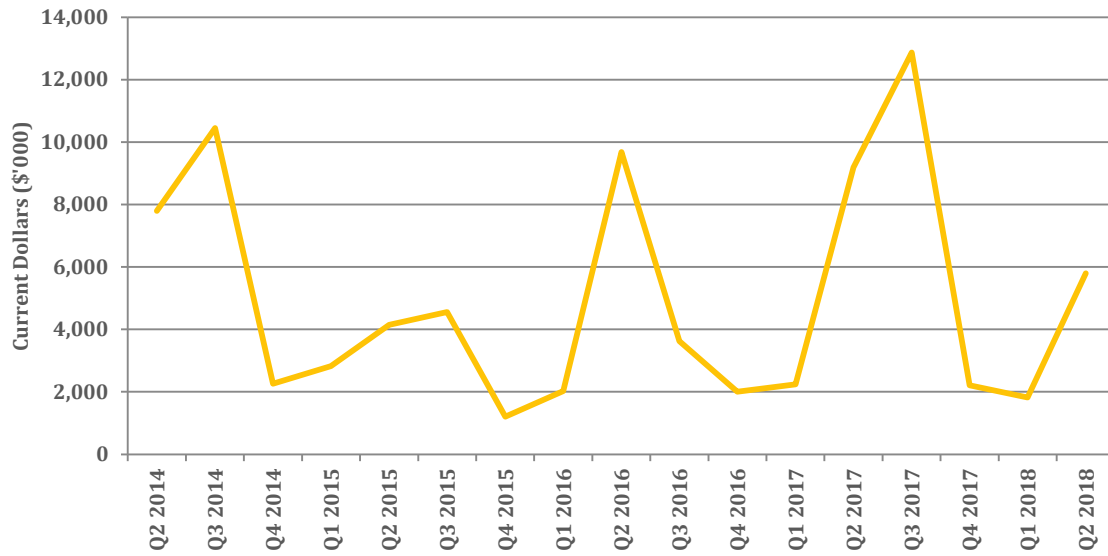
Exhibit 12.2 Value of Non-Residential Building Permits



Source: BC Stats

NECHAKO REGION

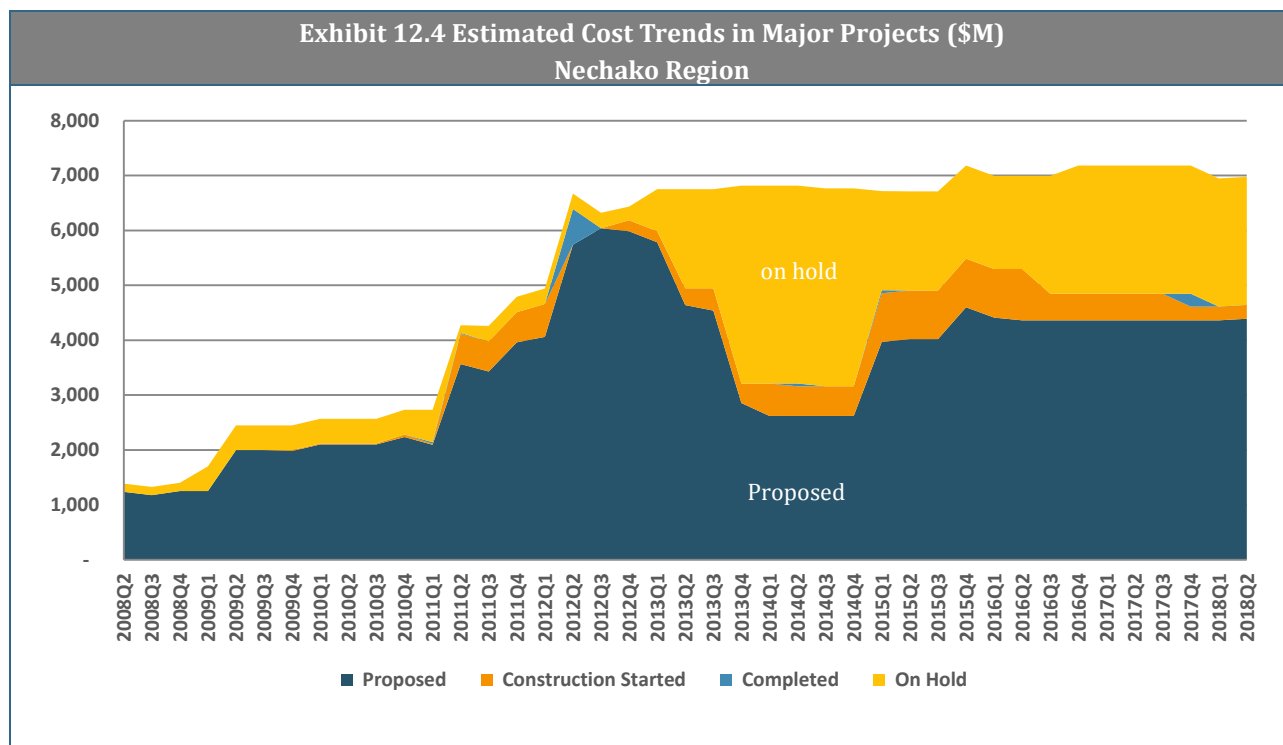
Exhibit 12.3 Value of Residential Building Permits



Source: BC Stats

NECHAKO REGION

Trends in Major Projects



In Q2 2018, the Nechako region has a total of 19 major projects with a combined value of \$6.9 B, representing a 0.4 percent increase from the previous quarter and a 2.9 percent decrease from the previous year. Walnut Park Elementary School Replacement (\$29 M) is added to the MPI in this quarter.

Exhibit 12.5 Estimated Cost Trends in Major Projects, by Project Status (\$M)
Nechako Region

Status	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	Change from the previous quarter	Change from the previous year
Proposed	4,361	4,361	4,361	4,361	4,390	0.7%	0.7%
Construction started	486	486	251	251	251	0.0%	-48.4%
Completed	0	0	235	0	0	0.0%	0.0%
On hold	2,335	2,335	2,335	2,335	2,335	0.0%	0.0%
Grand Total	7,182	7,182	7,182	6,947	6,976	0.4%	-2.9%

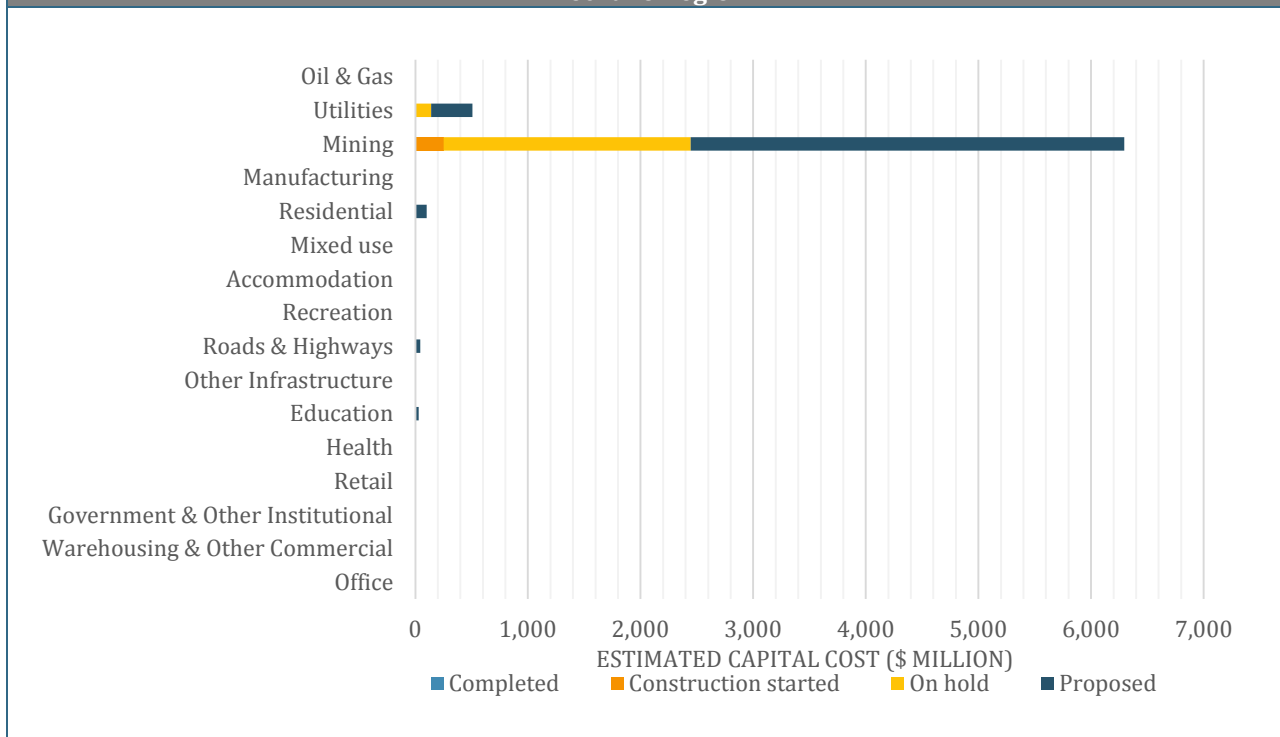
NECHAKO REGION

Exhibit 12.6 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
Proposed	4,390	63%	12	399	9.5
Preliminary/Feasibility	904	13%	3	301	7.8
Consultation/Approvals	2,186	31%	7	312	10.4
Permitting	0	0%	0	0	0.0
Tender/Preconstruction	0	0%	0	0	0.0
Stage Unknown	1,300	19%	2	1300	8.8
On hold	2,335	33%	5	467	12.7
Construction started	251	4%	2	126	4.8
Completed	0	0%	0	0	0.0
Total	6,976	100%	19	388	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.

Exhibit 12.7 Major Projects Status, by Construction Subtype
Nechako Region

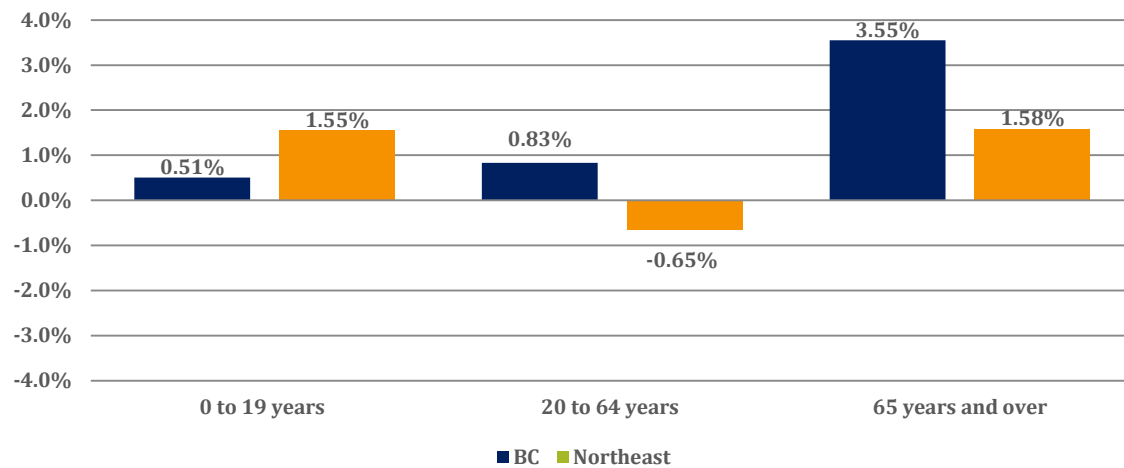


NORTHEAST REGION

13. Northeast Region

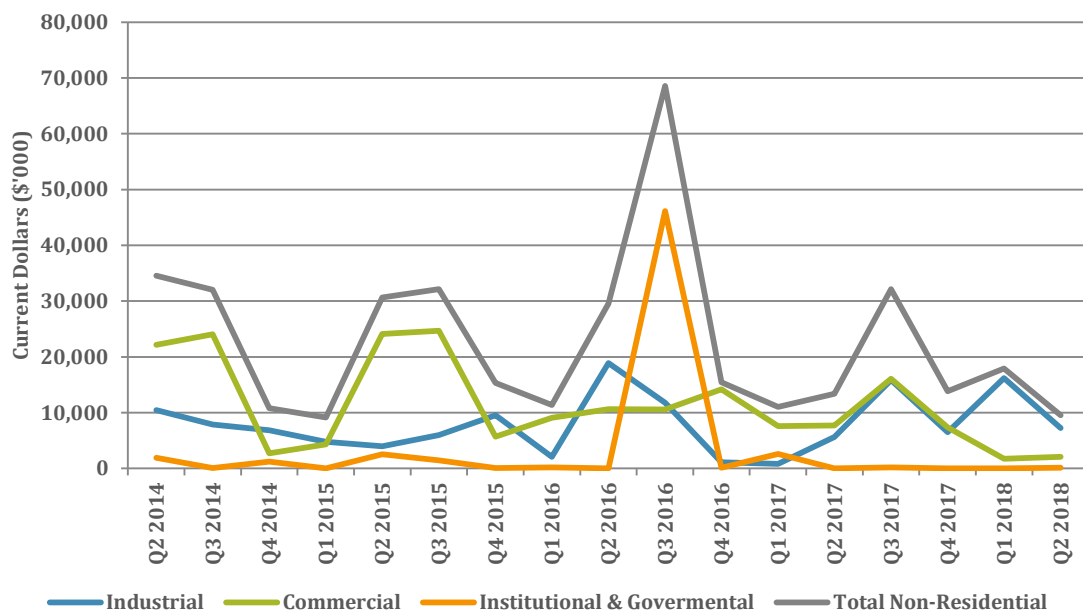
Key Economic Indicators

Exhibit 13.1 Population Growth 2016-2017



Source: BC Stats

Exhibit 13.2 Value of Non-Residential Building Permits



Source: BC Stats

NORTHEAST REGION

Exhibit 13.3 Value of Residential Building Permits

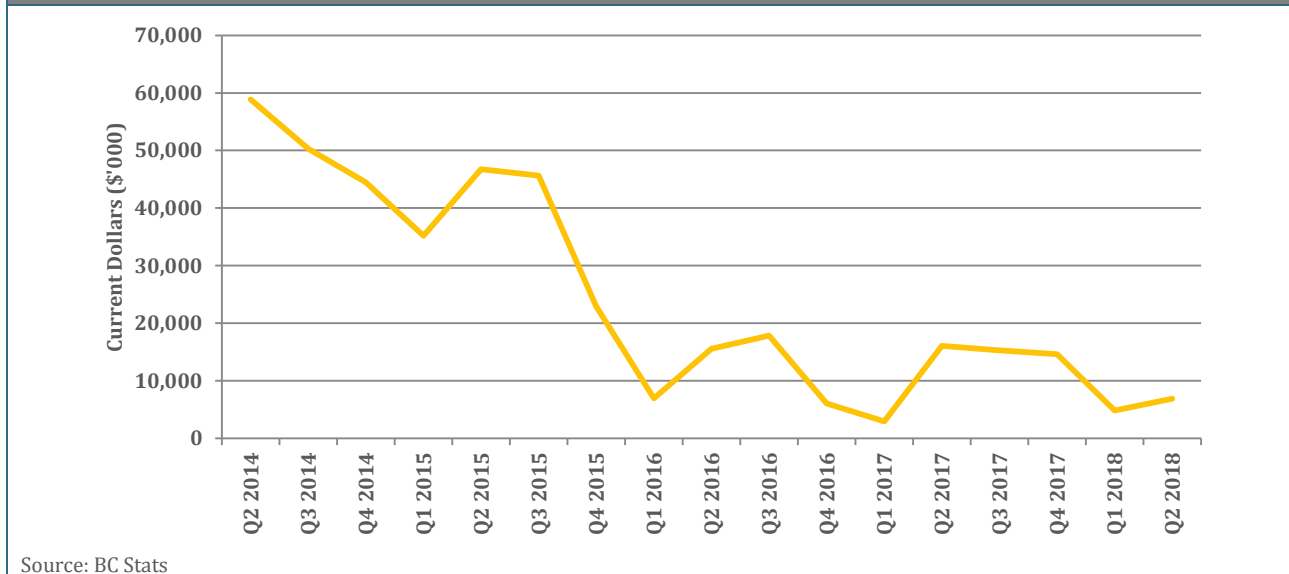
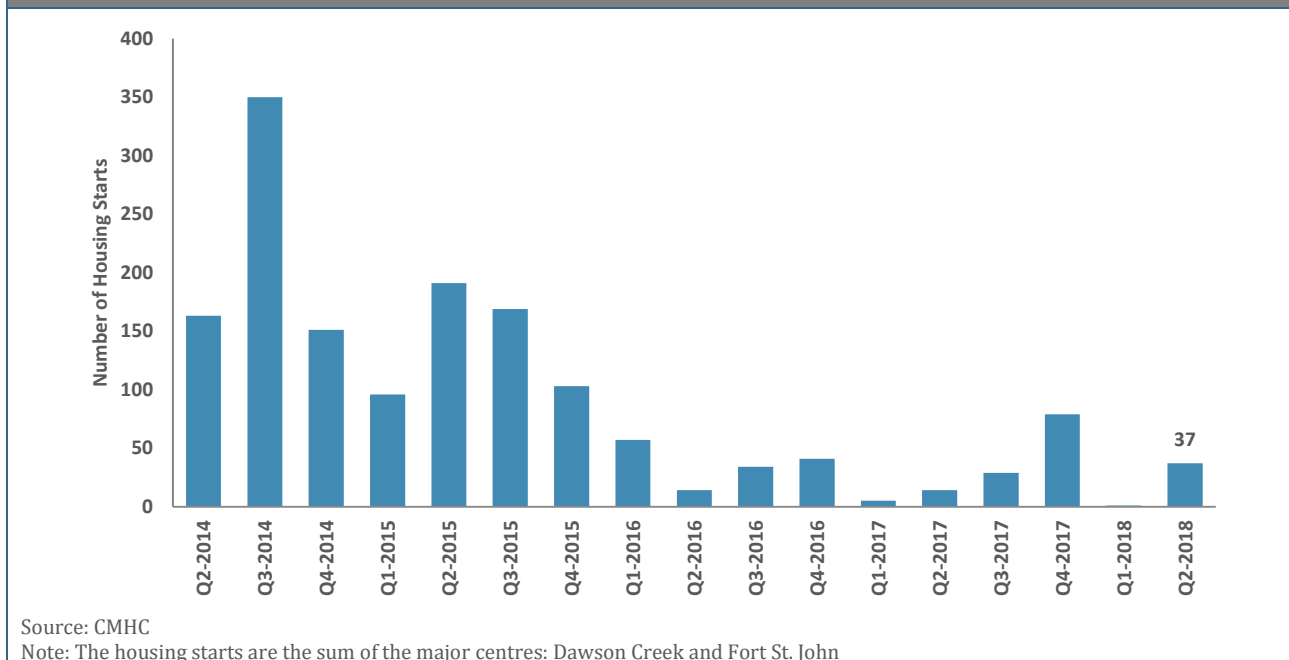


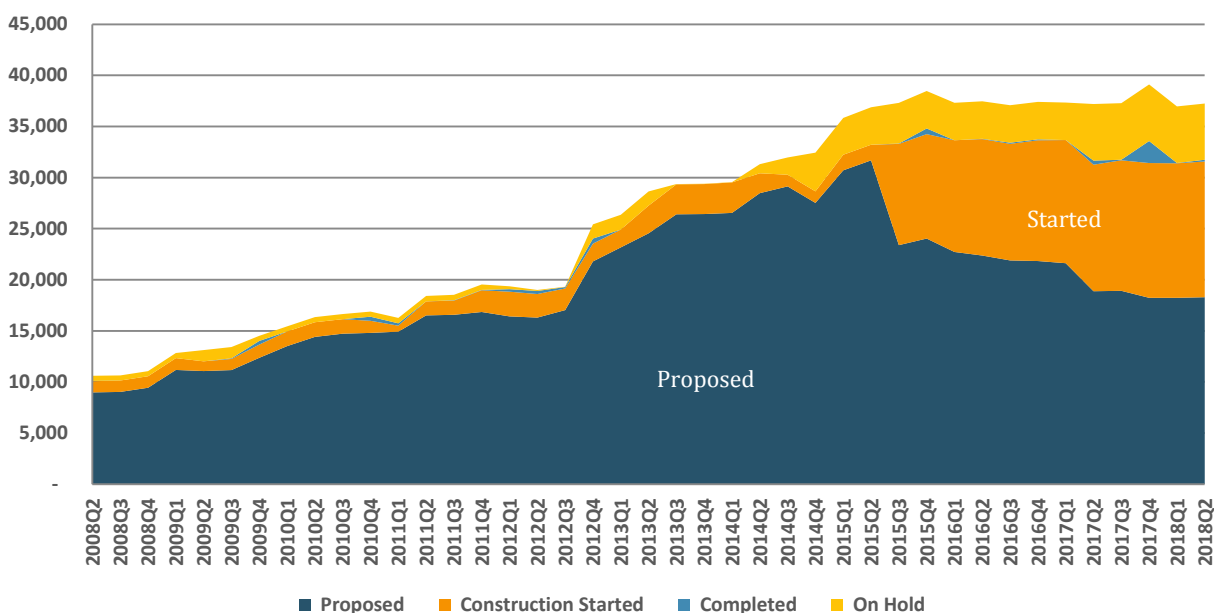
Exhibit 13.4 Housing Starts



NORTHEAST REGION

Trends in Major Projects

Exhibit 13.5 Estimated Cost Trends in Major Projects (\$M)
Northeast Region



- In Q2 2018, the Northeast region has a total of 54 major projects with a combined value of \$37 B, representing a 0.8 percent increase over the previous quarter and a 0.1 percent increase compared to one year earlier.
- Two projects added to the MPI in this quarter: Highway 97 Bridge Replacements (\$27 M) and North East Elementary School (\$31 M).
- W.A.C. Bennett Dam Riprap Upgrade Project (\$170 M) has been completed in this quarter.

Exhibit 13.6 Estimated Cost Trends in Major Projects, by Project Status (\$M)
Northeast Region

Status	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	Change from the previous quarter	Change from the previous year
Proposed	18,878	18,918	18,234	18,234	18,292	0.3%	-3.1%
Construction started	12,382	12,770	13,187	13,166	13,281	0.9%	7.3%
Completed	400	57	2155	26	170	553.8%	-57.5%
On hold	5,537	5,537	5,537	5,537	5,501	-0.7%	-0.7%
Grand Total	37,197	37,282	39,113	36,963	37,244	0.8%	0.1%

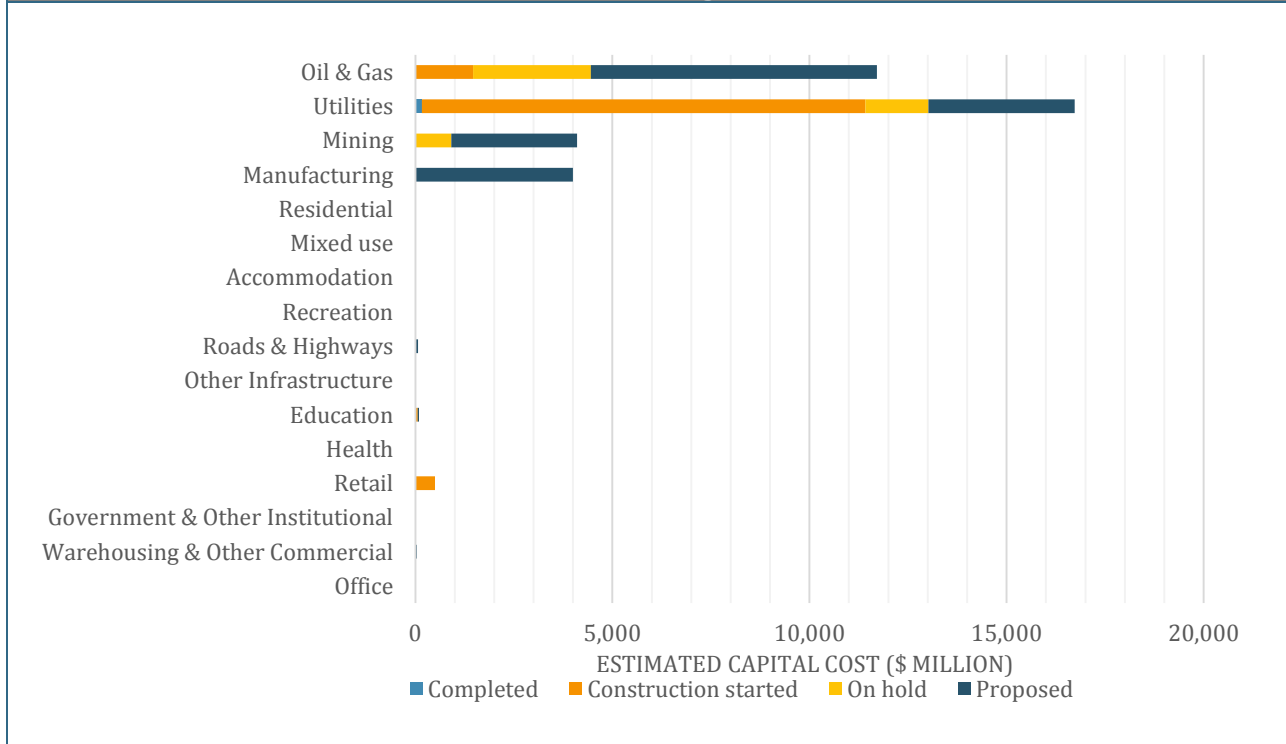
NORTHEAST REGION

Exhibit 13.7 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
Proposed	18,292	49%	29	704	6.1
Preliminary/Feasibility	50	0%	2	50	1.5
Consultation/Approvals	13,995	38%	20	778	6.9
Permitting	4,000	11%	2	2000	5.7
Tender/Preconstruction	107	0%	3	36	2.0
Stage Unknown	140	0%	2	70	9.3
On hold	5,501	15%	8	688	7.7
Construction started	13,281	36%	16	1022	3.4
Completed	170	0%	1	170	2.1
Total	37,244	100%	54	776	5.5

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 13.8 Major Projects Status, by Construction Subtype
Northeast Region



APPENDICES

Appendices

Appendix 1

New Proposed Projects (April - June 2018)			
Region	Municipality	Project	Estimated Cost (\$ million)
1. Vancouver Island/Coast	Courtenay	Lake Trail Middle School Seismic Upgrades	27
	Nanaimo	Seniors Complex	28
	Victoria	Ironworks Condominium	20
2. Mainland/Southwest	Burnaby	Foster Ave and North Rd Development	66
	Burnaby	Akimbo Condominium Tower	35
	Burnaby	Douglas Tower Brentwood	
	Langley	208 Street Townhouses	45
	Port Moody	Flavelle Oceanfront Mixed-Use Development	
	Sechelt	Rockwood Retirement Community	35
	Surrey	Walmart Distribution Centre	100
	Surrey	Sullivan Heights Secondary School Expansion	40
	Vancouver	Eric Hamber Secondary School Replacement	79
	Vancouver	Jenga Condominium Tower	50
	Vancouver	Seniors Apartments	40
	Vancouver	The Creek by Concert	30
	Vancouver	The Windsor Condominiums	25
	Vancouver	The Link Condominiums	21
	Gibsons	The George Marine Resort Hotel and Residential Development	25
3. Thompson-Okanagan	Kamloops	The Dunes Residential Development	50
	Kamloops	Student Housing Plan	37
	Vernon	Affordable Housing Complex	23
5. Cariboo	Valemount	Canoe Reach Geothermal Energy Project	120
6. North Coast	Iskut	Kinskuch Hydroelectric Project	250
7. Nechako	Smithers	Walnut Park Elementary School Replacement	29
8. Northeast	Chetwynd	Highway 97 Bridge Replacements	27
	Fort St. John	North East Elementary School	31
Total			1,233

APPENDICES

Appendix 2

Construction Started (April - June 2018)				
Region	Municipality	Project	Completion Date	Estimated Cost (\$ million)
1. Vancouver Island/Coast	Saanich	Nigel Valley Supportive Housing Development	2020-Q4	
	Saanich	Condominium Development - 433 Boleskine Road	2019-Q3	18
	Ucluelet	Highway 4 Kennedy Lake Realignment	2020-Q3	38
2. Mainland/Southwest	Abbotsford	Highway 11 Nexus Lane and Vye Road Overpass	2021-Q2	30
	Abbotsford	Mount Lehman Road 4-laning	2019-Q4	22
	Aldergrove	Highway 13 8th Ave to Zero Ave widening	2020-Q4	26
	Burnaby	Sun Towers	2021-Q4	45
	Burnaby	Starling at Lumina Brentwood	2020-Q4	
	Burnaby	Juneau Condominium	2019-Q4	24
	Cloverdale	Cloverdale Sport and Ice Centre	2019-Q2	25
	Delta	Alex Fraser Bridge Improvement Project	2019-Q2	70
	Delta	Highway 91 to Highway 17 and Deltaport Way Corridor Improvements	2023-Q4	245
	Maple Ridge	časqənelə (South Albion) Elementary School	2019-Q3	32
	New Westminister	The Residences at Lynn Valley	2019-Q4	40
	North Vancouver	City Operations Centre	2019-Q2	20
	North Vancouver	Lions Gate Towers	2026-Q4	
	North Vancouver	Connaught Condominium	2019-Q1	20
	Richmond	ViewStar Mixed-Use Development	2020-Q4	60
	Richmond	Trafalgar Square	2020-Q1	42
	Surrey	Grandview Heights Secondary	2020-Q3	61
	Surrey	Edgewood Drive Elementary (Grandview Heights South #2) (Site 206)	2020-Q3	24
	Vancouver	601 Hastings Office Tower	2019-Q4	22
	Vancouver	The Smithe Condominiums	2020-Q4	25
	Vancouver	UBC Bus Exchange	2019-Q3	22
	Vancouver	Elinor Condominiums	2019-Q3	20
	White Rock	Semiah Condominium	2019-Q3	20
	Chase	Highway 1 - Hoffman's Bluff to Jade Mountain	2023-Q4	199
	Kamloops	Nursing and Population Health Facility	2019-Q3	37
	Kelowna	SEKID/SOMID Water Supply Project	2020-Q1	64
	Revelstoke	Highway 1 Illecillewaet Four Laning	2020-Q4	35
	Revelstoke	Mica Modernize Controls (Digital) Project	2023-Q3	48
	Salmon Arm	Highway 1 - Salmon Arm West	2024-Q4	163
5. Cariboo	Prince George	Kelly Road Secondary School Replacement	2020-Q3	44
6. North Coast	Terrace	Highway 16 - Mile 28 Crossing Project	2020-Q2	37
Total				1,578

APPENDICES

Appendix 3

Construction Completed (April - June 2018)

Region	Municipality	Project	Estimated Cost (\$ million)
1. Vancouver Island/Coast	Nanaimo	Vancouver Island University - Trades Complex	22
	Victoria	Belleville Terminal Revitalization	17
	Victoria	Johnson Street Bridge Replacement	105
	Victoria	Victoria International Marina	35
	Victoria	Centre for Enviro Science/International Partnership (CESIP)	25
2. Mainland/Southwest	Delta	Tsawwassen Container Examination Facility	30
	Hope	Hunter Creek Run-of-River Hydroelectric Power	38
	North Vancouver	Centreview Mixed Use Development	60
	North Vancouver	Seaspan Office Building	20
	Richmond	Vancouver Airport Fuel Project	150
	Sechelt	Sechelt Hospital Expansion (Formerly St. Mary's Hospital)	44
	Surrey	The Bristol	20
	Surrey	Salish Secondary (Clayton North - Site 215)	55
	Vancouver	Broadway Commercial Office Tower	20
	Vancouver	Columbia Containers Rebuilding Project	25
	Vancouver	Ellsworth Condominium	20
	Vancouver	Mixed-use Development	28
	Vancouver	Navio at the Creek - 95 East 1st Ave	25
	Vancouver	Voda Condominium	25
	Vancouver	Hastings and Gore Housing Project	40
6. North Coast	Terrace	Northwest Regional Airport Expansion	15
8. Northeast	Hudson Hope	W.A.C. Bennett Dam Riprap Upgrade Project	170
Total			989

APPENDICES

Appendix 4

Project Value and Project Status for each Industry Sector – (April - June 2018)

	Proposed	Construction started	Completed	On hold	Total
Oil and Gas	191,315	1,944	0	2,984	196,243
Utilities	14,591	15,981	208	7,019	37,799
Mining	20,776	351	0	15,756	36,883
Manufacturing	36,105	50	0	0	36,155
Residential	12,544	21,282	218	194	34,238
Mixed Use	5,242	10,488	0	1,000	16,730
Accommodation	8,002	4,274	0	1,356	13,632
Recreation	6,120	3,698	0	1,375	11,193
Roads & Highways	5,334	3,547	105	0	8,986
Other Infrastructure	4,390	3,273	247	0	7,910
Education	2,640	1,469	102	165	4,376
Health	2,339	1,898	44	0	4,281
Retail	708	2,970	0	0	3,678
Government & Other Institutional	294	1,477	0	0	1,771
Warehousing & Other Commercial	982	840	25	0	1,847
Office	292	130	40	80	542
Total	311,674	73,672	989	29,929	416,264

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	95	11	5	17	0	12	8	148
Mainland/South west	328	48	4	33	2	62	12	489
Thompson-Okanagan	55	12	4	20	1	12	5	109
Kootenay	10	0	7	5	0	2	5	29
Cariboo	5	4	6	8	1	3	0	27
North Coast	2	11	25	10	5	2	1	56
Nechako	1	1	12	4	0	1	0	19
Northeast	2	9	18	19	2	3	0	53
Total	498	96	81	116	11	97	31	930

B.C. GOVERNMENT CONTACT

B.C. Government Contact

Grace Lee, Ministry of Advanced Education, Skills and Training

Tel: (250) 952-3068

Email: Grace.Lee@gov.bc.ca

www.majorprojectsinventory.com



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