



Image courtesy of B.C. Ministry of Transportation and Infrastructure

Highway 97 was expanded from four to six lanes for 4.5 km, between Highway 33 and Edwards Road in Kelowna. This part of the Highway 97 corridor sees approximately 40,000 vehicles a day. The project increased the number of high occupancy vehicle lanes and included intersection upgrades to Leathead, McCurdy, Findlay/Hollywood and Sexsmith roads. The \$67-million project was cost-shared with \$18 million from the Government of Canada through the Building Canada Fund, close to \$1 million from the City of Kelowna and the remainder from the Province.

BRITISH COLUMBIA MAJOR PROJECTS INVENTORY

FOURTH QUARTER 2018



Ministry of
Advanced Education,
Skills and Training

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British Columbia Major Projects Inventory

Fourth Quarter 2018

Major Projects Inventory as of December 31, 2018.

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Report prepared by Workforce Innovation and Division Responsible for Skills Training staff.

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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

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

Since 2018 Quarter 3, all the 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.

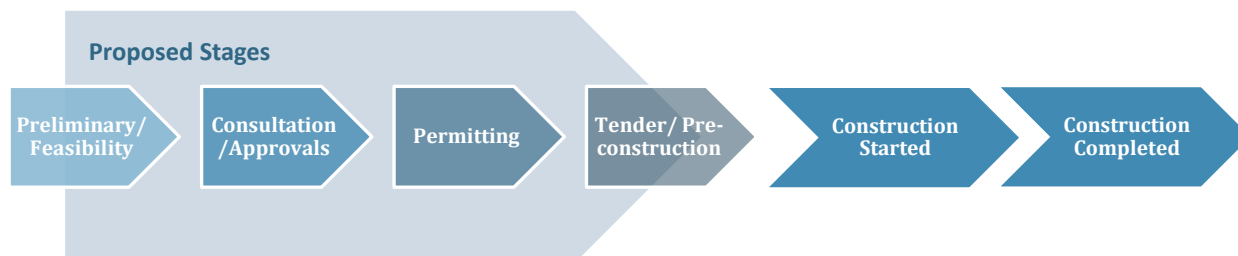
Start and Finish Dates

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 – Q4 2018

1. B.C. Major Projects Highlights – Q4 2018

The estimated capital cost of all 977 major projects in the fourth quarter of 2018, totalling \$408.99 billion (B), has increased from \$407.51 B in the third 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 28 new proposed projects over \$15 million (M) with available capital cost estimates totalling \$2.37 B if all the projects were to proceed. The potential capital investment for new projects has increased compared to \$2.31 B in the third quarter of 2018.

There are 33 projects that have started construction in B.C., representing an estimated capital cost of \$43.69 B, up from the \$1.64 B reported in the third quarter of 2018. This big increase is due to the start of the \$36 B LNG Canada facility in Kitimat. Thirty-four projects completed construction in the fourth quarter, with an estimated capital cost of \$2.21 B compared to \$748 M in the third quarter of 2018.

There are 238 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, 141 projects worth a total of \$23.25 B have provincial government funding contributions.

There are 66 projects with a total estimated cost of \$153.67 B involving Indigenous communities in capacities such as project owners, project partners or benefit agreements.

Major projects currently under construction in B.C. totalled \$115.37 B, up from the \$74.41 B in the third quarter of 2018. Proposed projects totalled \$260.34 B, down from \$301.07 B in the previous quarter. This decrease was primarily due to the \$36 B LNG Canada facility changing status from proposed to started. 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 \$32.72 B of projects are judged to be 'on hold' for the time being, an increase from the previous quarter value of \$31.31 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

977	Number of total major projects
\$408.99 B	Value of all projects
532	Number of total proposed projects
\$260.34 B	Value of proposed projects
356	Number of projects under construction
\$115.37 B	Value of projects under construction
34	Number of projects completed
\$2.21 B	Value of projects completed
28	Number of new proposed projects
\$2.37 B	Value of newly proposed projects

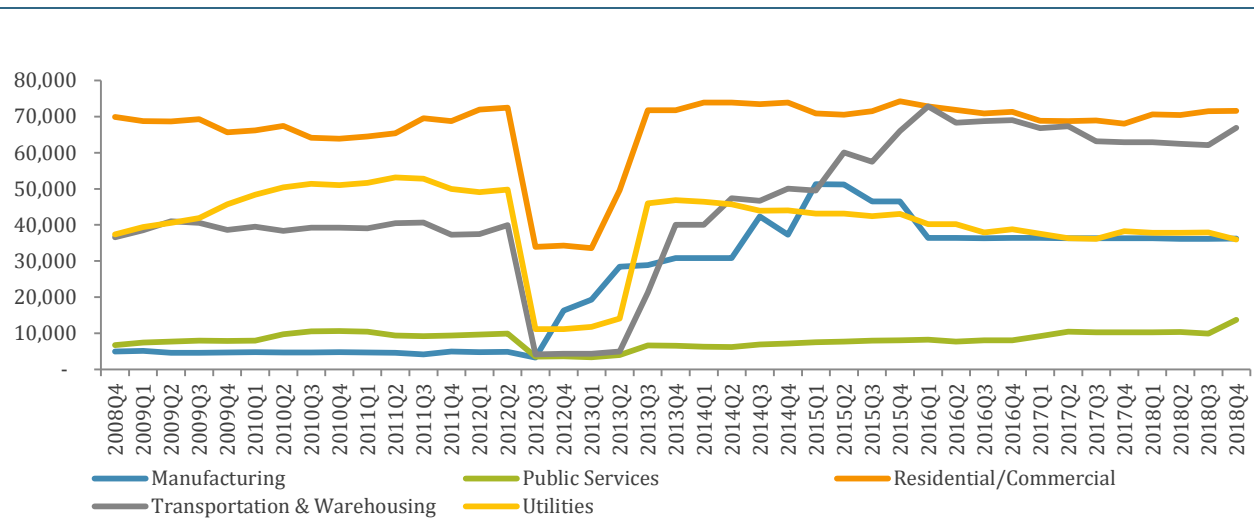
B.C. MAJOR PROJECTS INVENTORY – Q4 2018

2. B.C. Major Projects Inventory – Q4 2018

By Project Category, Construction Type or Subtype

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

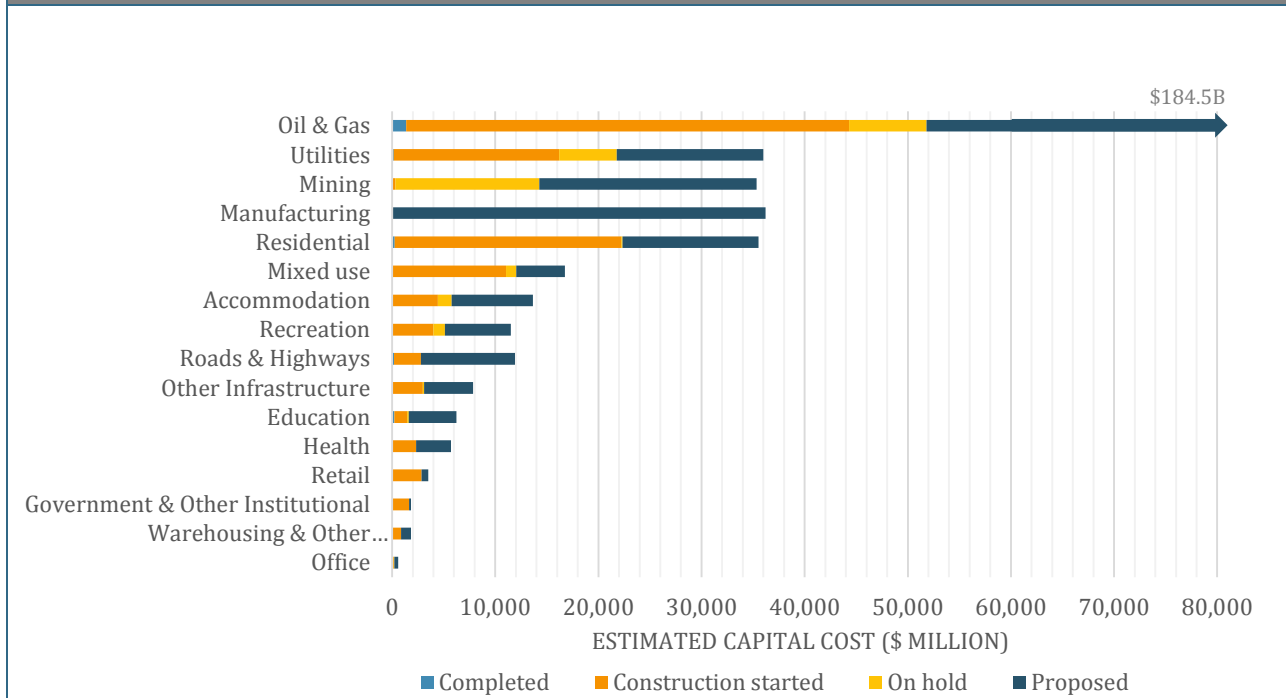
Project Category	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Change from the previous quarter	Change from the previous year
Mining, Oil & Gas Extraction	174,900	172,900	187,837	178,669	173,035	-3.2%	-1.1%
Residential/Commercial	67,995	70,550	70,377	71,478	71,581	0.1%	5.3%
Transportation & Warehousing	62,844	62,876	62,475	62,055	66,910	7.8%	6.5%
Manufacturing	36,365	36,365	36,155	36,155	36,195	0.1%	-0.5%
Utilities	38,300	37,839	37,799	37,958	36,005	-5.1%	-6.0%
Public Services	10,287	10,334	10,408	9,970	13,721	37.6%	33.4%
Other Services	11,859	11,213	11,213	11,229	11,539	2.8%	-2.7%
Grand Total	402,550	402,077	416,264	407,514	408,986	0.4%	1.6%



The total estimated capital cost of major projects in B.C. was up slightly in the fourth quarter of 2018 (Q4), totalling \$408.99 B, representing a 0.4 percent increase over the previous quarter and a 1.6 percent increase compared to one year earlier.

B.C. MAJOR PROJECTS INVENTORY – Q4 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 45 percent of the total estimated capital cost in the MPI.
- Residential and Commercial development projects comprise 538 of the 977 projects listed in the fourth quarter of 2018, representing a total estimated capital cost of \$71.6 B.
- Residential projects are concentrated in the Mainland/Southwest region (72 percent), Vancouver Island (18.7 percent), and Thompson-Okanagan (8.9 percent).
- Utility projects continue to be a significant driver for the province. The total cost of utilities projects is nearly \$36 B while the total cost of projects which are currently underway is over \$16 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 are Education (\$974 M), Primarily Residential – Single Use (\$380 M), and Recreation (\$340 M).
- Public Infrastructure - The value of public funding contributions was \$45.9 B for 238 projects – across all levels of government. Of these, 141 projects worth a total of \$23.3 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 – Q4 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	11,269	28,178	9,492	80			100		49,119
Mixed use	2,800	9,359	1,450						13,609
Primarily residential - Single use	8,469	18,819	8,042	80			100		35,510
Residential Mixed use									
Commercial	3,981	17,801	5,654	4,902	1,322	46		540	34,246
Mixed use	462	2,690							3,152
Accommodation	2,266	4,851	3,299	2,302	940				13,658
Recreation	220	6,473	2,210	2,600		16			11,519
Retail	923	1,960	115					500	3,498
Office	70	512							582
Warehousing		265							265
Other Commercial	40	1,050	30		382	30		40	1,572
Industrial	32,130	2,375	1,069	2,936	7,231	182,636	6,328	21,384	256,089
Mining	130	160	1,039	2,936	2,646	17,991	6,328	4,101	35,331
Oil & Gas	32,000	2,125			4,570	132,585		13,283	184,563
Manufacturing - Wood Products			30			60			90
Manufacturing - Petrochemical						32,000		4,000	36,000
Other Manufacturing		90			15				105
Institutional	3,442	8,541	1,433	41	63	18	79	124	13,741
Education	1,964	3,820	283	22	63	18	29	31	6,230
Health		4,468	1,110	19			50	50	5,697
Government buildings	1,458	253	40					43	1,794
Other Institutional & Government	20								20
Infrastructure	9,747	19,203	2,922	674	1,584	4,607	551	16,503	55,791
Utilities	7,701	4,520	1,139	674	1,090	3,939	506	16,436	36,005
Roads & Highways	266	9,285	1,632		494	133	45	67	11,922
Other Transportation	1,780	5,398	150			535			7,863
Grand Total	60,569	76,098	20,569	8,633	10,200	187,307	7,058	38,551	408,986

B.C. MAJOR PROJECTS INVENTORY – Q4 2018

By Project Status

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

Status	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Change from the previous quarter	Change from the previous year
Proposed	293,574	294,266	311,674	301,051	260,341	-13.5%	-11.3%
Construction started	74,877	75,185	73,672	74,406	115,366	55.0%	54.1%
Completed	4,133	1,664	989	748	2,214	196%	-46.4%
On hold	29,966	30,962	29,929	31,309	31,065	-0.8%	3.7%
Total	402,550	402,077	416,264	407,514	408,985	0.4%	1.6%

The value of completed projects increased by 196% to \$2.2 B in Q4 2018 over the previous quarter. Notable projects completed were Saturn Compressor Facility Expansion (\$930 M) and Towerbirch Expansion Project (439 M) in Dawson Creek. The LNG Canada project (\$36 B) represented a large increase in construction starts.

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	260,341	64%	532	550	5.1
Preliminary/Feasibility	51,217	13%	127	502	4.2
Consultation/Approvals	140,279	34%	221	712	6.1
Permitting	9,100	2%	40	253	3.6
Tender/Preconstruction	10,726	3%	94	118	2.4
Stage Unknown	49,019	12%	50	1043	8.9
On Hold	31,065	8%	55	621	11.1
Construction Started	115,366	28%	356	331	6.4
Completed	2214	1%	34	67	3.3
Total	408,986	100%	977	452	5.8

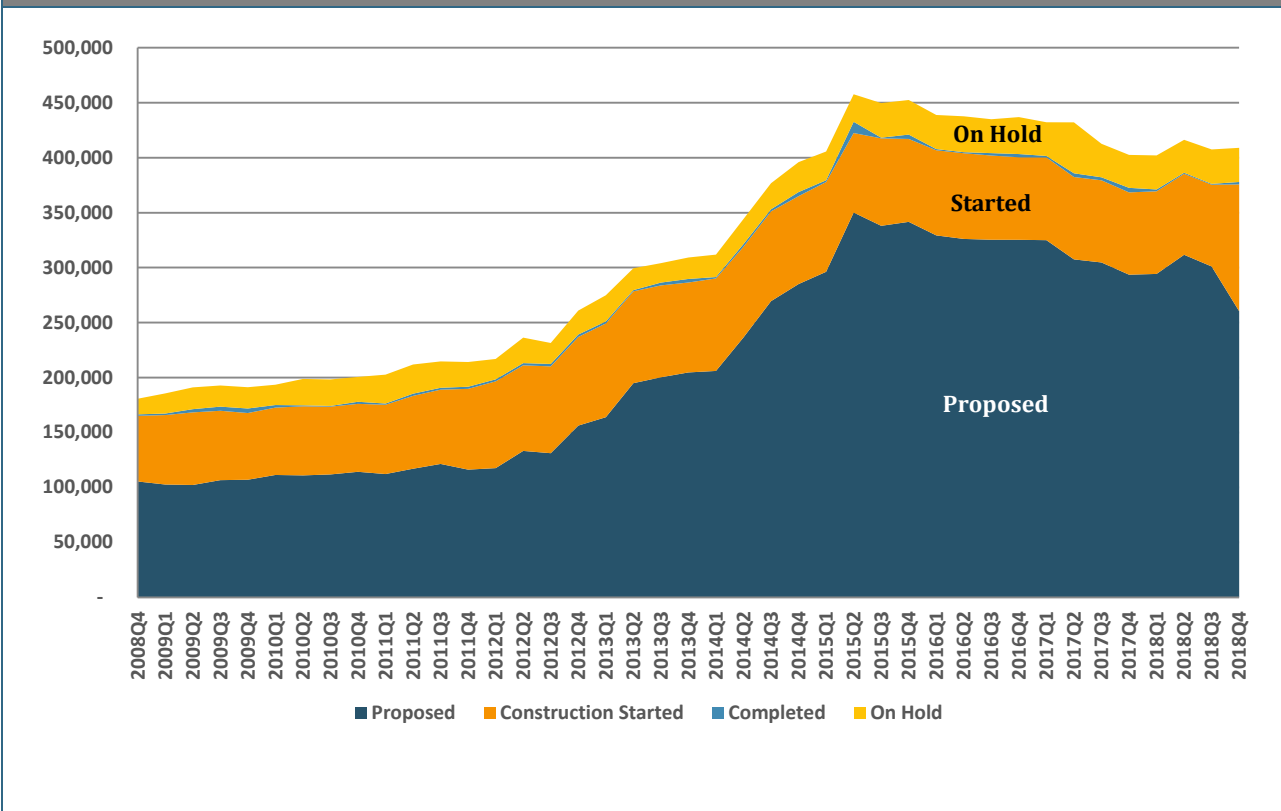
Note: Average project value is the average of those projects for which there is a cost estimate. An average year in inventory is the average time span between the projects as first recorded in the MPI and the current period. Regional detail is provided in Exhibit 2.6.

B.C. MAJOR PROJECTS INVENTORY – Q4 2018

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

Development Region	Proposed	Construction started	Completed	On Hold	Total	Total change from the previous quarter	Total change from the previous year
Vancouver Island/Coast	45,317	12,834	195	2,223	60,569	0.1%	3.3%
Mainland/Southwest	46,522	28,725	384	467	76,098	9.4%	9.1%
Thompson-Okanagan	4,533	14,516	183	1,338	20,570	-3.8%	-4.0%
Kootenay	2,590	3,601	22	2,420	8,633	-2.3%	-5.5%
Cariboo	4,843	514	43	4,800	10,200	-1.0%	-0.2%
North Coast	138,612	36,696	18	11,981	187,307	-2.8%	0.1%
Nechako	4,522	201	0	2,335	7,058	0.0%	-1.7%
Northeast	13,402	18,279	1,369	5,501	38,551	4.0%	-1.4%
Total	260,341	115,366	2,214	31,065	408,985	0.4%	1.6%

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



B.C. ECONOMY

3. B.C. Economy

Exhibit 3.1 Economic Activity

	2019	2020	2021	2022	2023
Real GDP	+2.4 %	+2.3 %	+2.1 %	+2.0 %	+2.0%

Source: B.C. Budget and Fiscal Plan 2019/20 – 2021/22

	Most Recent Period	Amount	Change from previous month	Change from previous year	Data Type
Retail trade (\$ M)	Dec-18	7,164	-0.2%	0.6%	seasonally adjusted
Manufacturing sales (\$ M)	Dec-18	4,476	-3.1%	0.6%	seasonally adjusted
Residential - building permits (\$ M)	Jan-19	1,192	-4.3%	4.5%	seasonally adjusted
Residential - housing starts (units)	Feb-19	36,547	-9.6%	16.4%	seasonally adjusted at annual rates
Non-Residential building permits (\$ M)	Jan-19	415	-52.7%	0.1%	seasonally adjusted
Exports - all merchandise (\$ M)	Dec-18	3,879	2.8%	4.0%	seasonally adjusted
Prices					
B.C. Consumer price index (2002=100)	Jan-19	129.1	0.1%	+2.5%	not seasonally adjusted
Exchange rate	Feb-19	US \$0.76	0.8%	-4.7%	not seasonally adjusted
Average 5-year residential mortgage rate	Feb-19	4.5%	-0.1p.p.	+0.3 p.p.	not seasonally adjusted
Labour Market					
Employment	Feb-19	2,547,800	0.1%	+2.8%	seasonally adjusted
Unemployment rate	Feb-19	4.5%	-0.2 p.p.	-0.2p.p.	seasonally adjusted
Participation rate	Feb-19	65.6%	-0.1 p.p.	0.7p.p.	seasonally adjusted
Average weekly earnings	Feb-19	968.93	-0.6%	-0.1%	seasonally adjusted

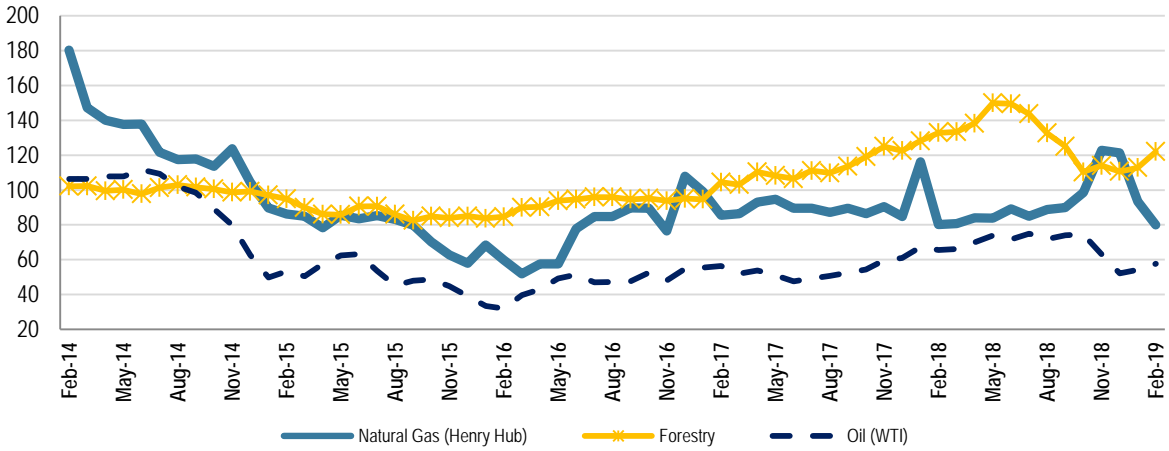
Source: Statistics Canada & Bank of Canada

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

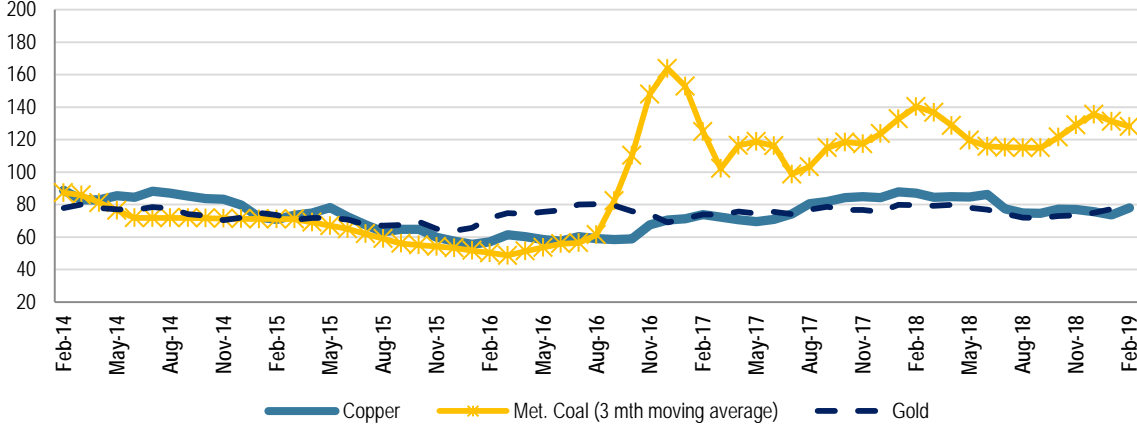
US\$ Index (Jan 2013=100)



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

- The forestry price index increased 8% in February, but it is still 8% lower than a year ago.
- Natural gas dropped back 14% to US\$2.67/mmBTU, unchanged from the previous year.
- Oil (WTI) increased 6% to US\$54.66/bbl, down 12% from a year ago.

US\$ Index (Jan 2013=100)

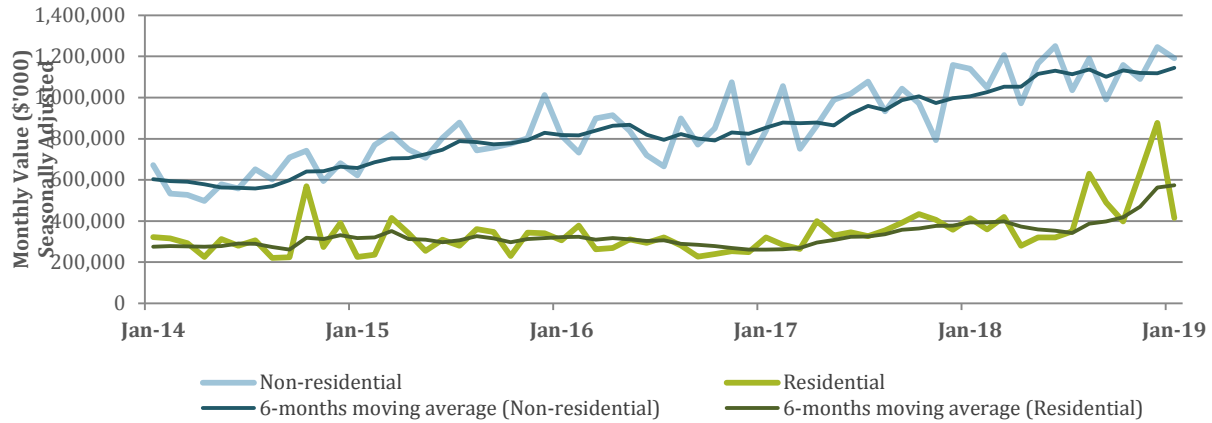


Source: B.C. Ministry of Energy and Mines, monthly average of daily values, Met. Coal: quarterly average to March 2016, 3-month moving average after March 2016

- Copper was up 6% and down 10% from a year ago.
- Gold increased 2% but is down 1% from a year ago.
- Metallurgical coal (3 month moving average) fell 2%, down 9% from a year ago.

B.C. ECONOMY

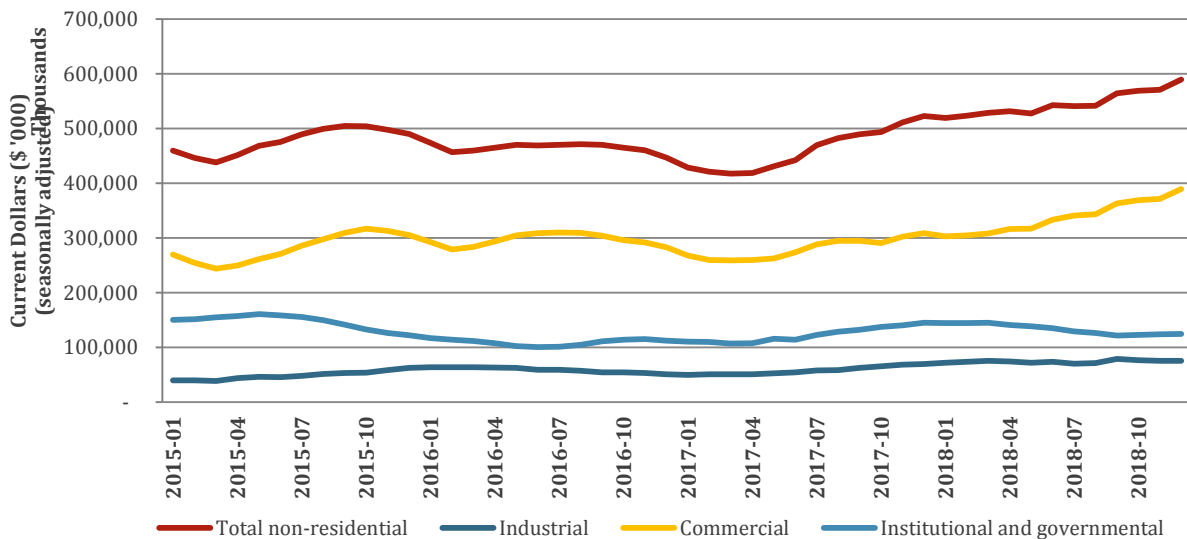
Exhibit 3.3 Value of Building Permits



Source: Statistics Canada

B.C.'s building permits value in January increased by 0.9% from the previous month. During January, there was an average of \$1.8 billion worth of building permits issued compared to \$1.4 billion in the same month of the previous year. Residential building permits value increased by 1% from December and by 14.1% compared to the same month in the previous year. These increases are driven by multiple dwellings.

Exhibit 3.4 Investment in Non-Residential Building Construction

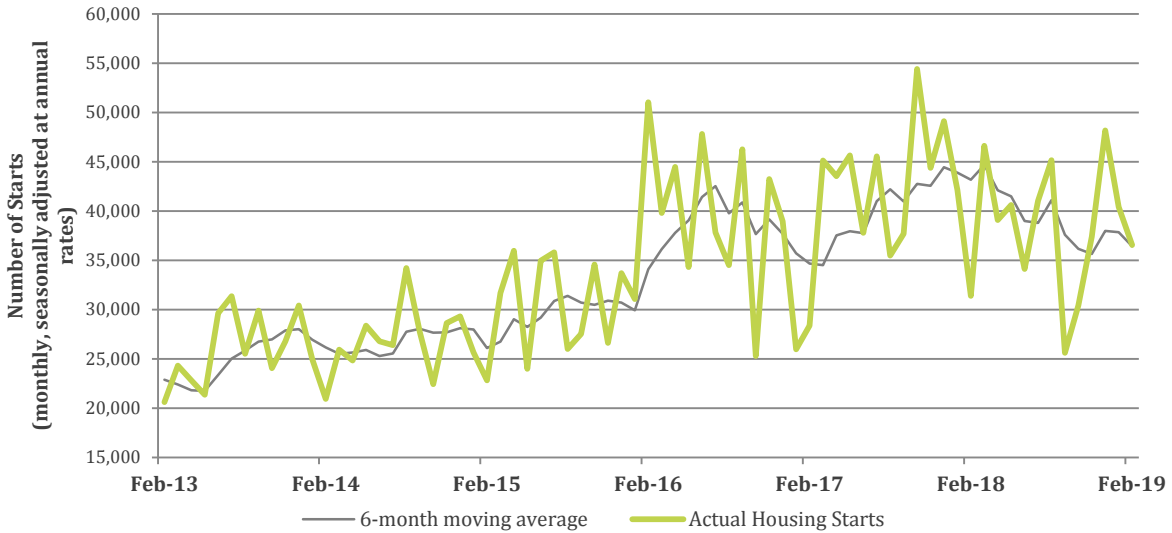


Source: Statistics Canada

B.C. spending increased by 3 percent from the previous month and up 12.7 percent from the previous year. The current level of non-residential building investment in December 2018 was \$589.5 M. Note that this is building investment only and does not include infrastructure investment.

B.C. ECONOMY

Exhibit 3.5 B.C. Housing Starts

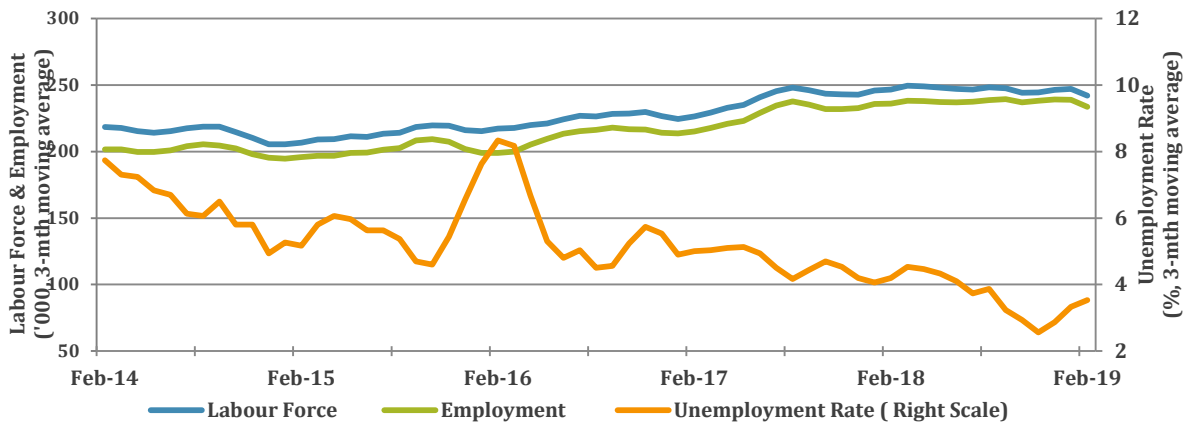


Source: Canada Mortgage and Housing Corporation (CMHC)

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

B.C.'s seasonally adjusted annualized housing starts decreased to 36,547 units in February 2019, a 9.6% decline from January. The 6-month moving average of the series declined by 3.8% from the previous month and by 15.7% from a year ago.

Exhibit 3.6 B.C. Construction Industry Employment

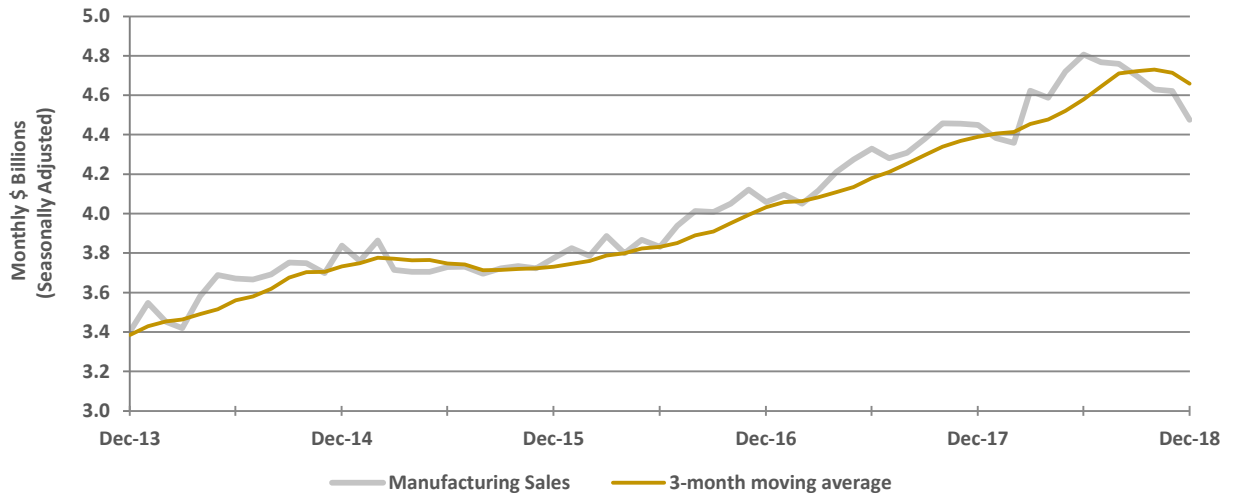


Source: Statistics Canada; North American Industry Classification System (NAICS 23), not seasonally adjusted

Employment levels in construction started to decrease as the response to the decline in the labour force since the end of 2018. The 3-month moving average employment was down with 1.9 percent in February from previous year. Employment month-over-month dropped 2 percent and labour force decreased 1.9 percent. The unemployment rate in B.C.'s construction industry increased 0.2 percentage points in February to 3.9 percent from January.

B.C. ECONOMY

Exhibit 3.7 Manufacturing Sales

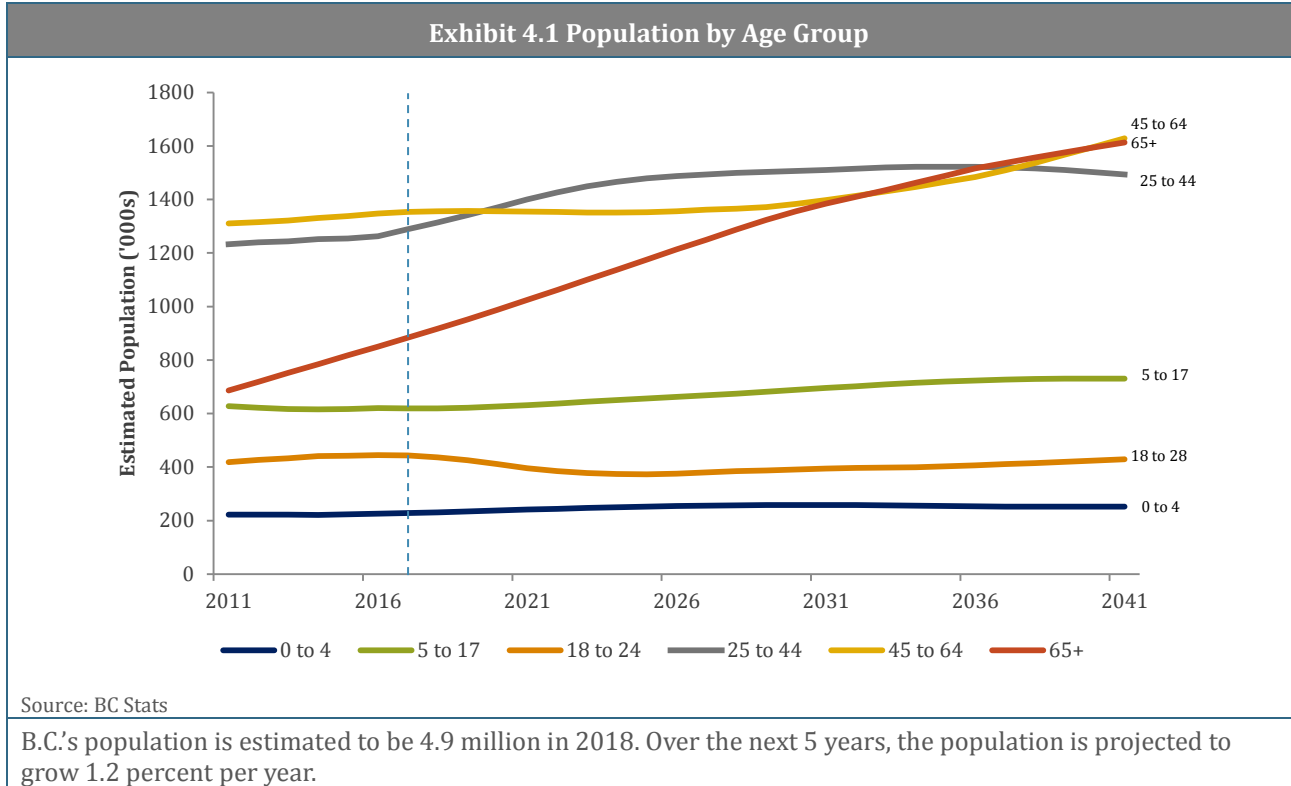


Source: Statistic Canada

B.C.'s manufacturing sales fell 3.1% to \$4.48 Billion in December. However, manufacturing sales are still 0.6% higher compared to one year ago.

B.C. DEMOGRAPHICS

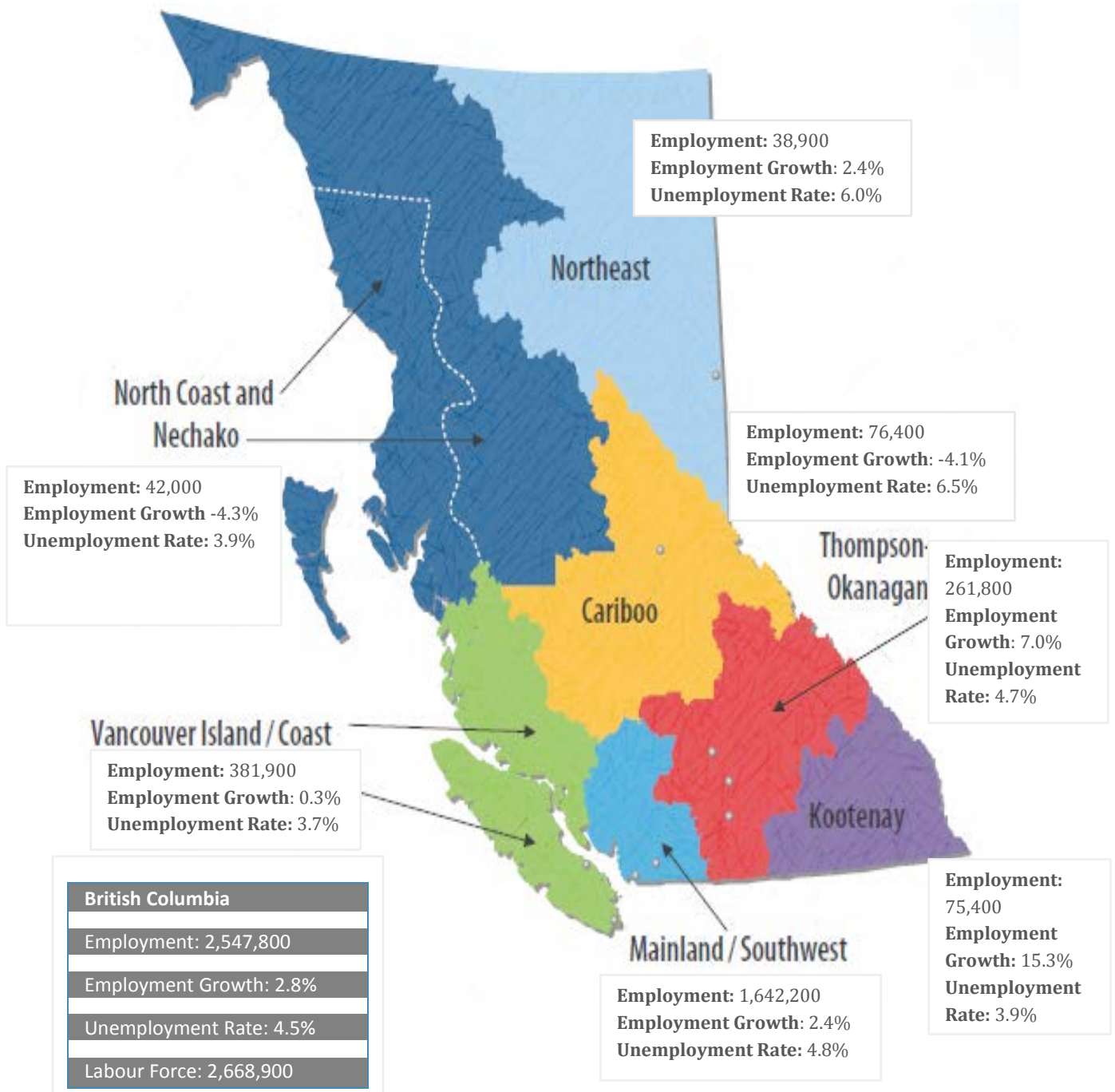
4. B.C. Demographics



REGIONAL SUMMARIES

5. Regional Summaries

Regional Labour Market Statistics – January 2019



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.

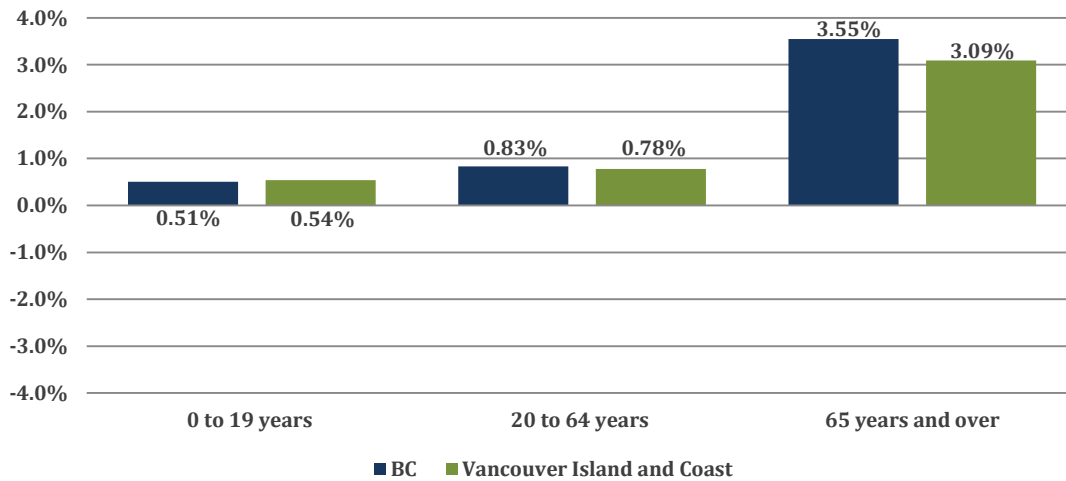
Source: Statistics Canada

VANCOUVER ISLAND/COAST REGION

6. Vancouver Island/Coast Region

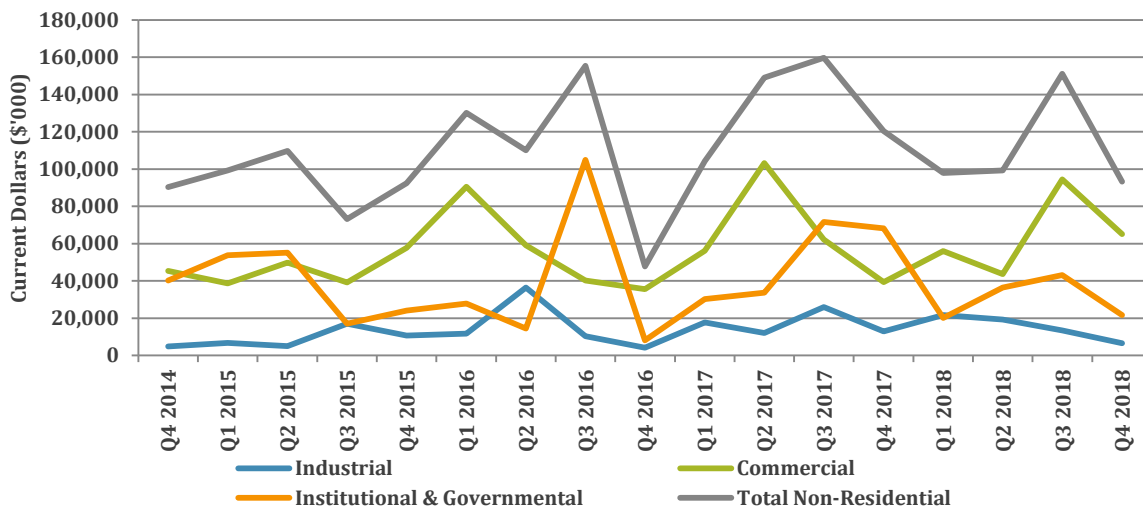
Key Economic Indicators

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

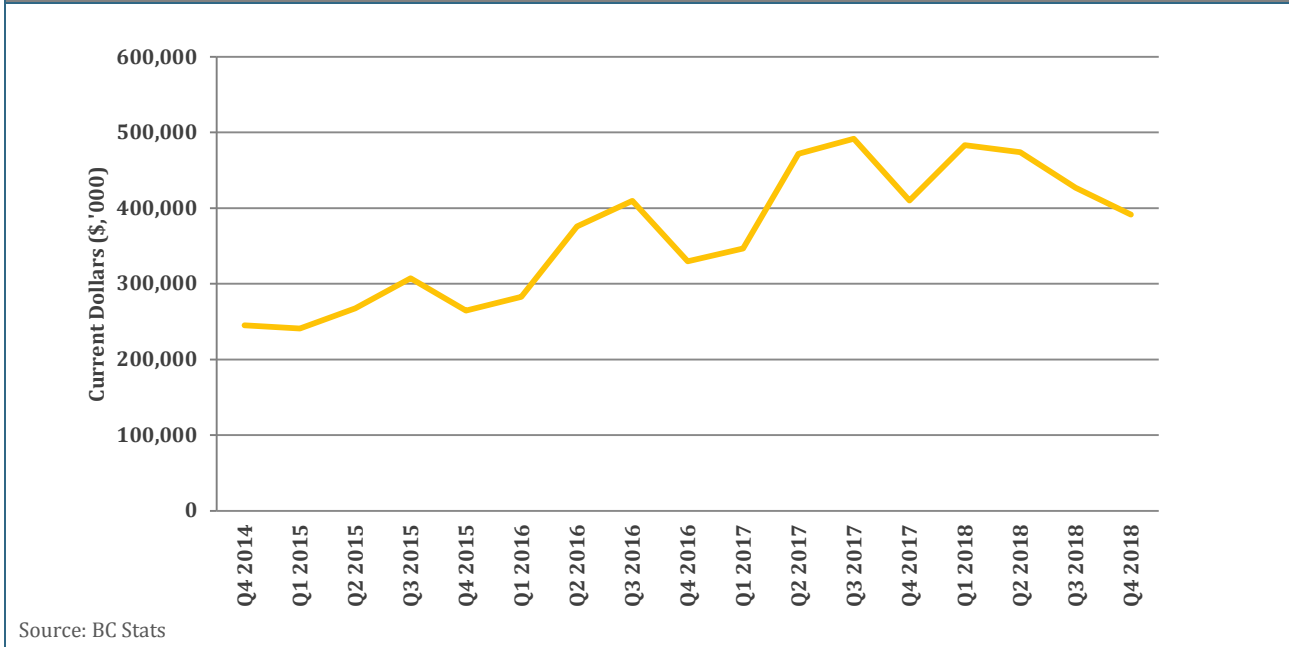
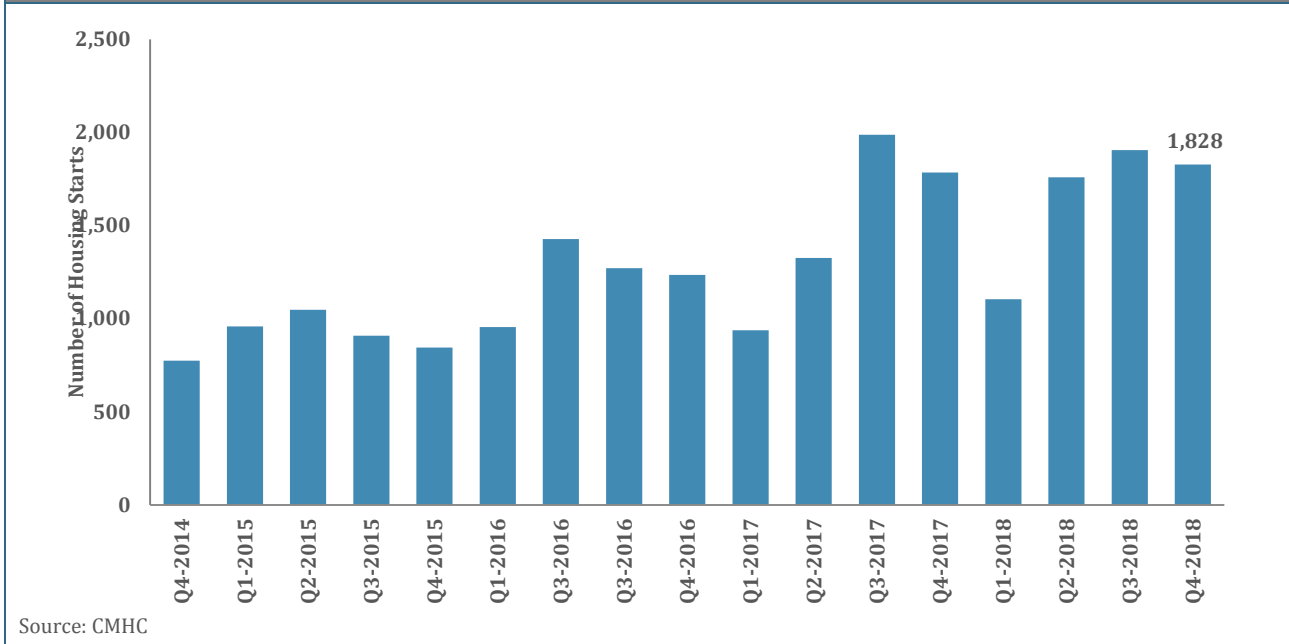


Exhibit 6.4 Housing Starts



VANCOUVER ISLAND/COAST REGION

Trends in Major Projects

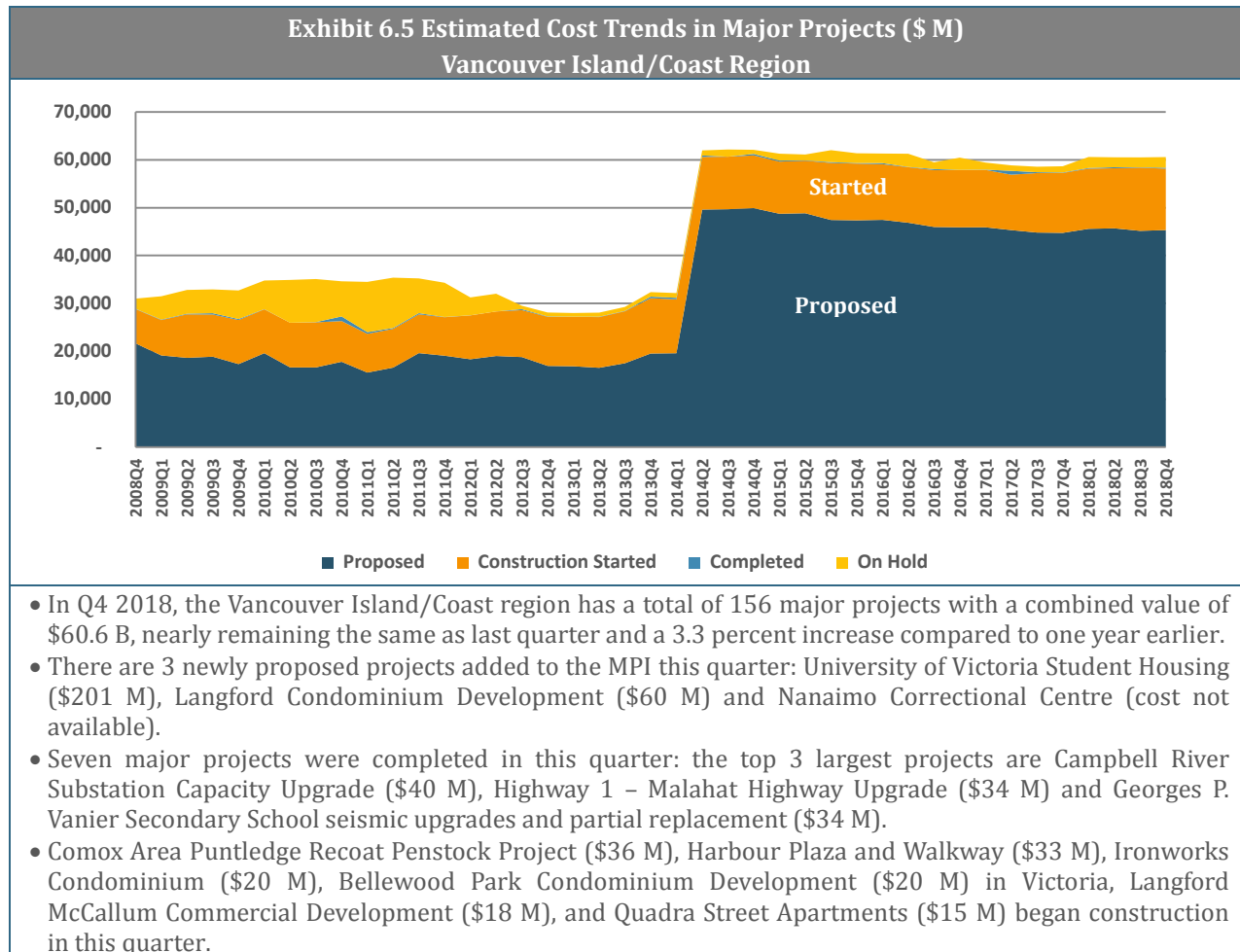


Exhibit 6.6 Estimated Cost Trends in Major Projects, by Project Status (\$M)
Vancouver Island/Coast Region

Status	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Change from the previous quarter	Change from the previous year
Proposed	44,733	45,578	45,685	45,157	45,317	0.4%	1.3%
Construction started	12,522	12,571	12,557	13,205	12,834	-2.8%	2.5%
Completed	98	144	204	68	195	186.8%	99.0%
On hold	1,298	2,298	2,073	2,073	2,223	7.2%	71.3%
Total	58,651	60,591	60,519	60,503	60,569	0.1%	3.3%

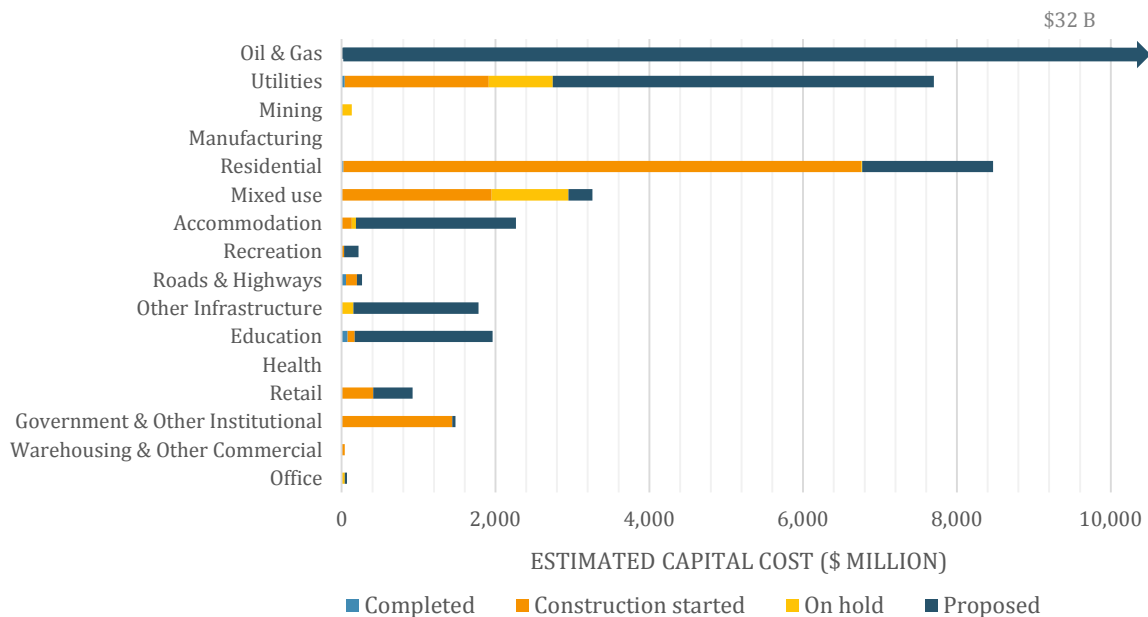
VANCOUVER ISLAND/COAST REGION

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	45,317	75%	79	629	6.1
Preliminary/Feasibility	2,443	5%	24	129	4.8
Consultation/Approvals	35,980	79%	34	1,124	6.8
Permitting	643	1%	7	92	4.1
Tender/Preconstruction	171	0%	6	29	2.8
Stage Unknown	6,080	13%	8	760	11.7
On Hold	2,223	4%	12	222	10.7
Construction Started	12,834	21%	58	225	7.5
Completed	195	0%	7	28	2.7
Total	60,569	100%	156	415	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

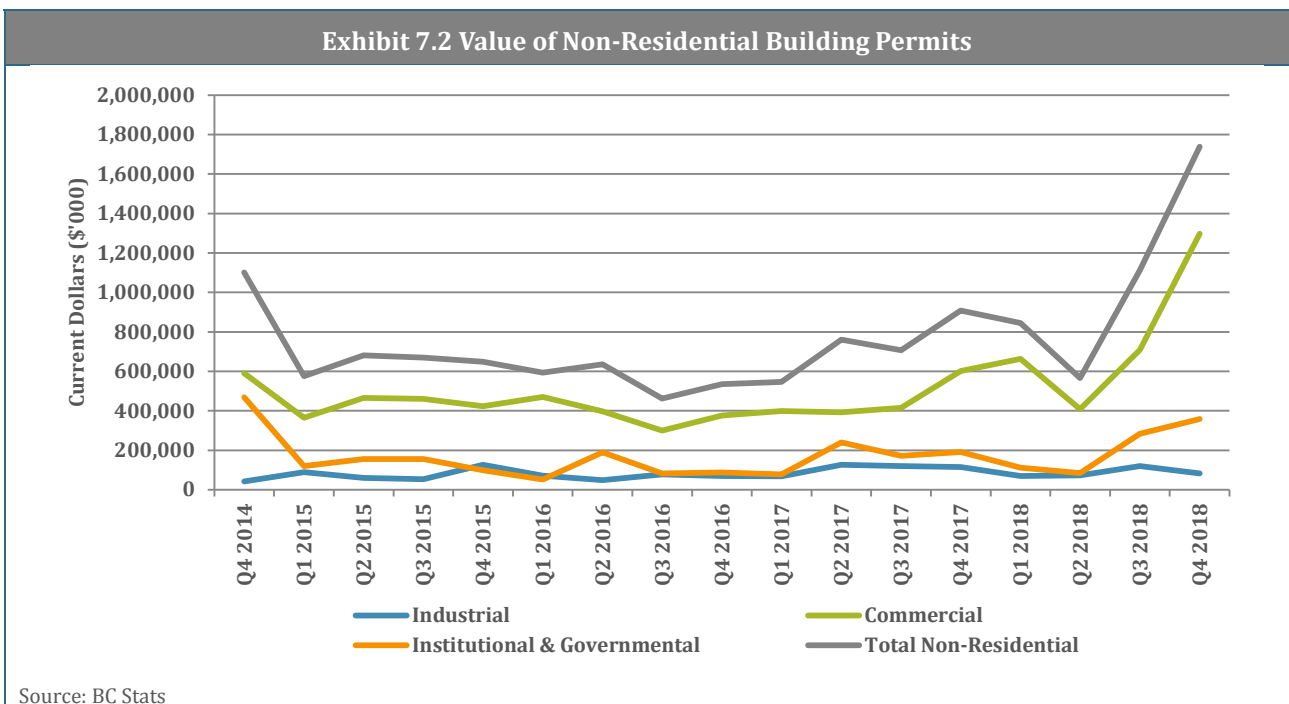
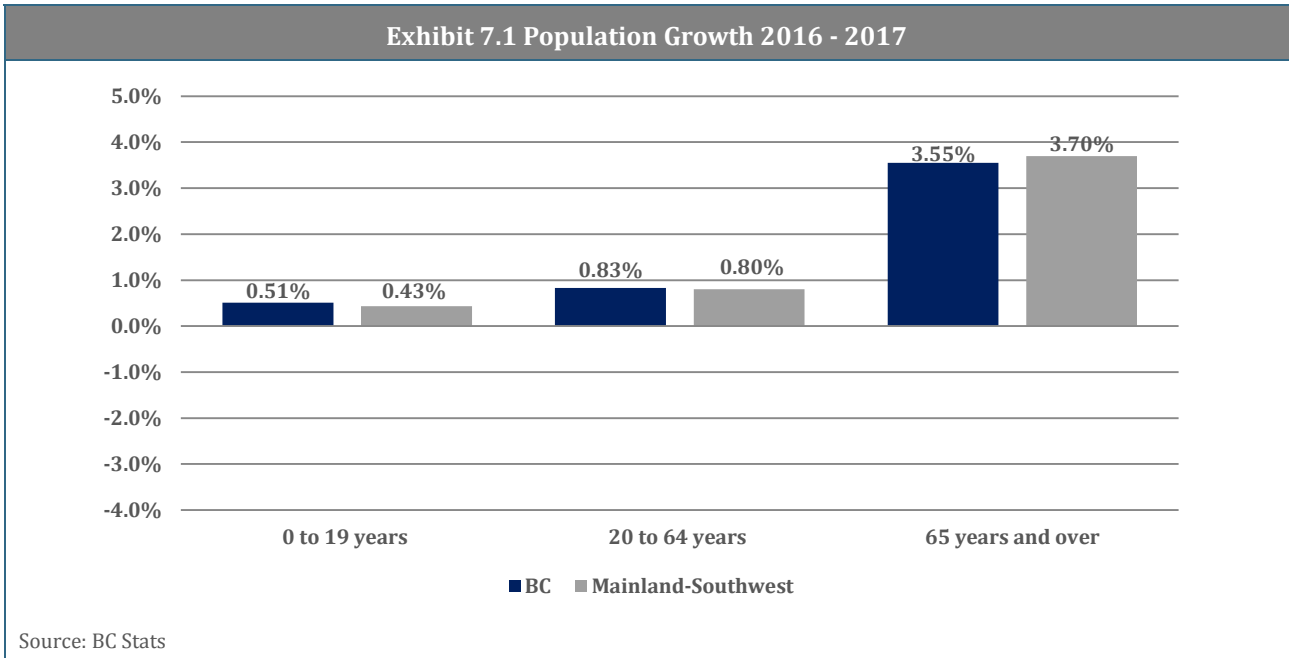


Note: Oil and Gas Extraction include Natural Gas Processing & Natural Gas Compressor

MAINLAND/SOUTHWEST REGION

7. Mainland/Southwest Region

Key Economic Indicators



MAINLAND/SOUTHWEST REGION

Exhibit 7.3 Value of Residential Building Permits

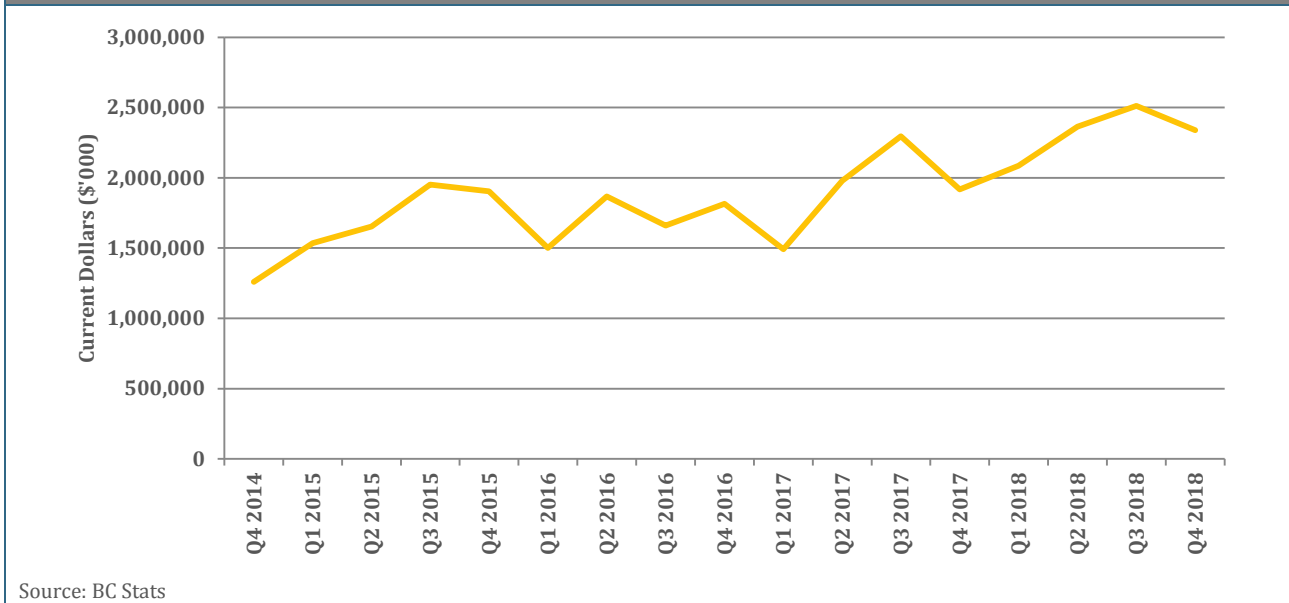
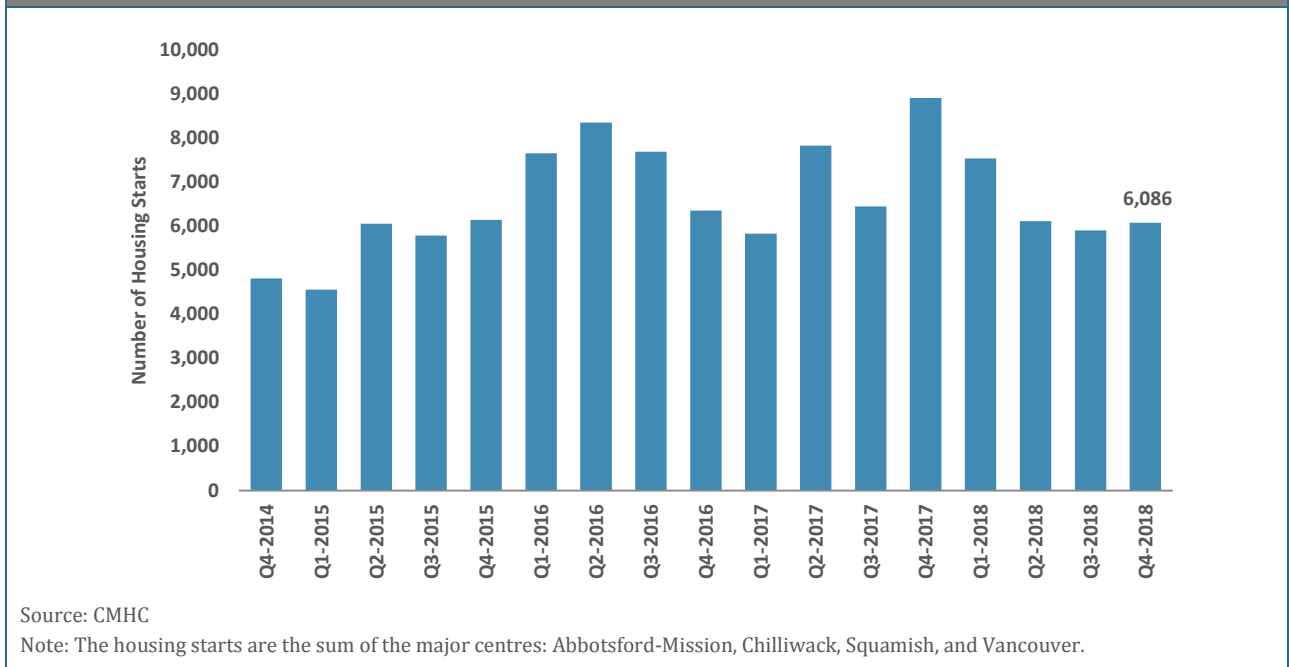


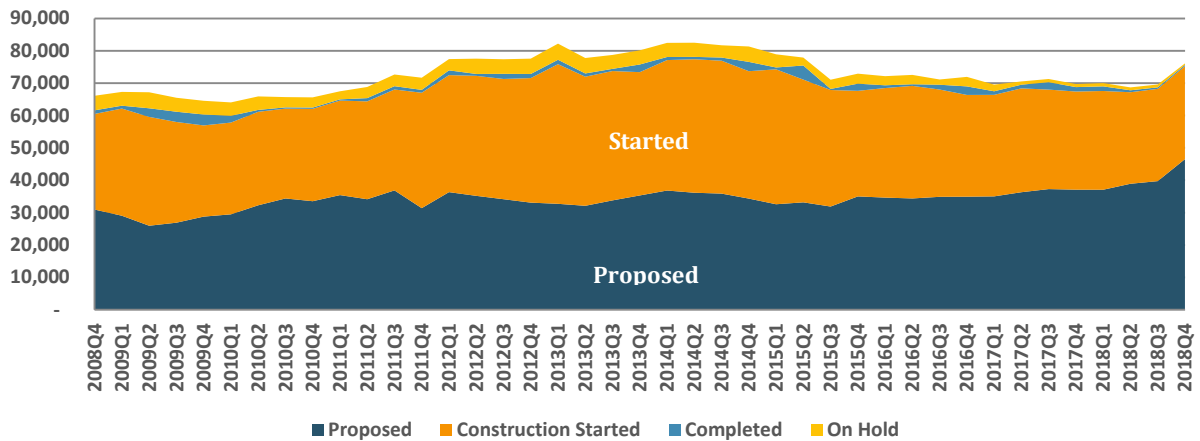
Exhibit 7.4 Housing Starts



MAINLAND/SOUTHWEST REGION

Trends in Major Projects

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



- In Q4 2018, the Mainland/Southwest region has a total of 533 major projects with a combined value of \$76.1 B, representing a 9.4 percent increase over the previous quarter as well as up 9.1 percent compared to one year earlier.
- There are 21 newly proposed projects added to the MPI this quarter. The top three largest projects are Harry Jerome Recreation Centre (\$237 M), UBC - Community Health and Fitness Centre (\$210 M), and UBC - Chemistry Laboratory Complex (\$196 M). See more new projects in Appendix 1.
- Sixteen major projects were completed in this quarter such as South Surrey Area Reinforcement Project (\$34 M), Vittorio Condominium in Burnaby (\$30 M) and Highway 91 at 72nd Avenue Grade Separation (\$28 M). See more completed projects in Appendix 3.
- Twenty-two major projects began construction in this quarter with total capital costs of \$821 M. The top three largest projects are SFU - Student Residence Redevelopment (\$120 M), Village at Fraser Mills in Coquitlam(\$80 M), and Prime on the Plaza Condominium in Surrey(\$60 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	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Change from the previous quarter	Change from the previous year
Proposed	37,088	37,070	38,912	39,725	46,522	17.1%	25.4%
Construction started	30,324	30,509	28,283	28,515	28,725	0.7%	-5.3%
Completed	1,364	1,424	600	451	384	-14.9%	-71.8%
On hold	952	1,008	892	892	467	-47.6%	-50.9%
Total	69,728	70,011	68,687	69,583	76,098	9.4%	9.1%

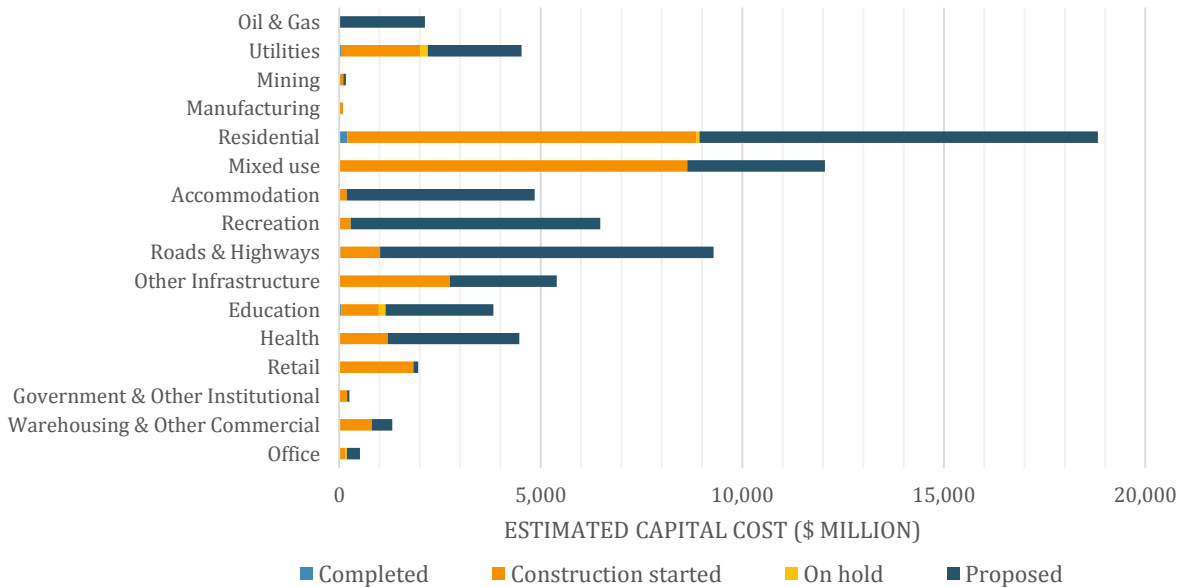
MAINLAND/SOUTHWEST REGION

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	46,522	61%	301	172	4.0
Preliminary/Feasibility	11,676	15%	66	216	3.8
Consultation/Approvals	12,651	17%	110	132	4.9
Permitting	2,893	4%	25	126	2.7
Tender/Preconstruction	9,903	13%	79	129	2.2
Stage Unknown	9,399	12%	21	470	8.1
On Hold	467	1%	9	67	9.3
Construction Started	28,725	38%	207	142	5.0
Completed	384	1%	16	24	3.3
Total	76,098	100%	533	154	4.4

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

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

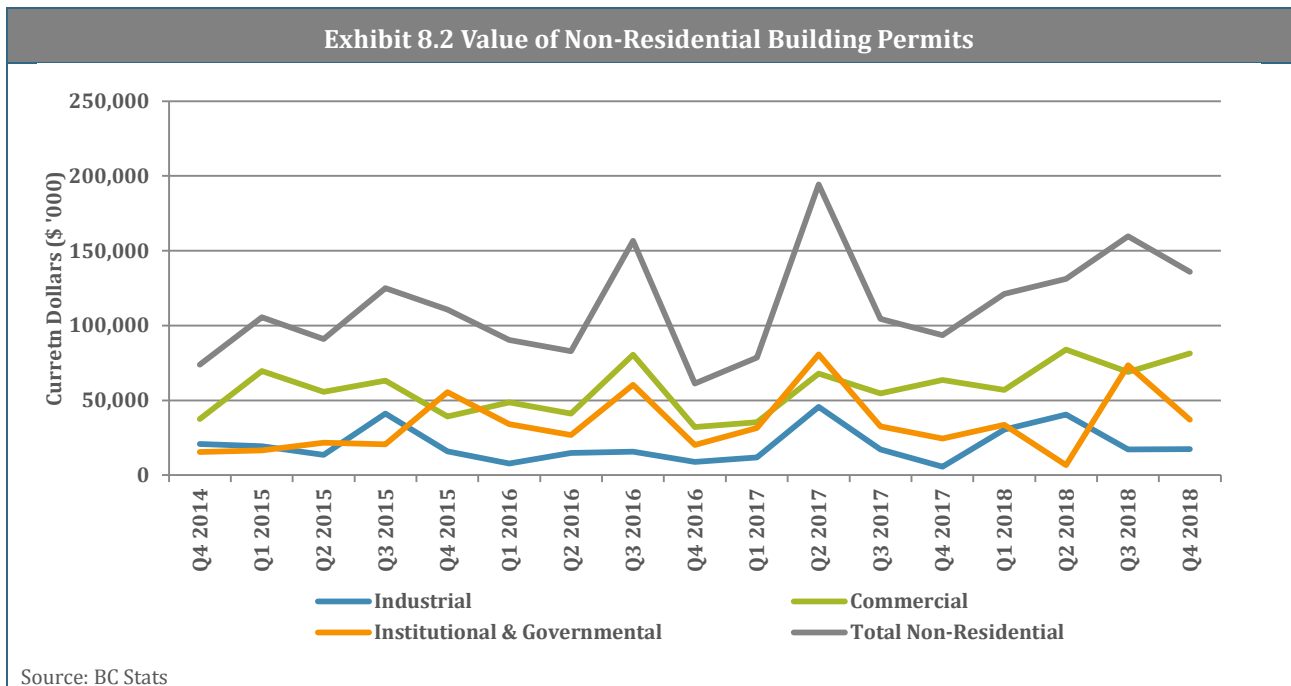
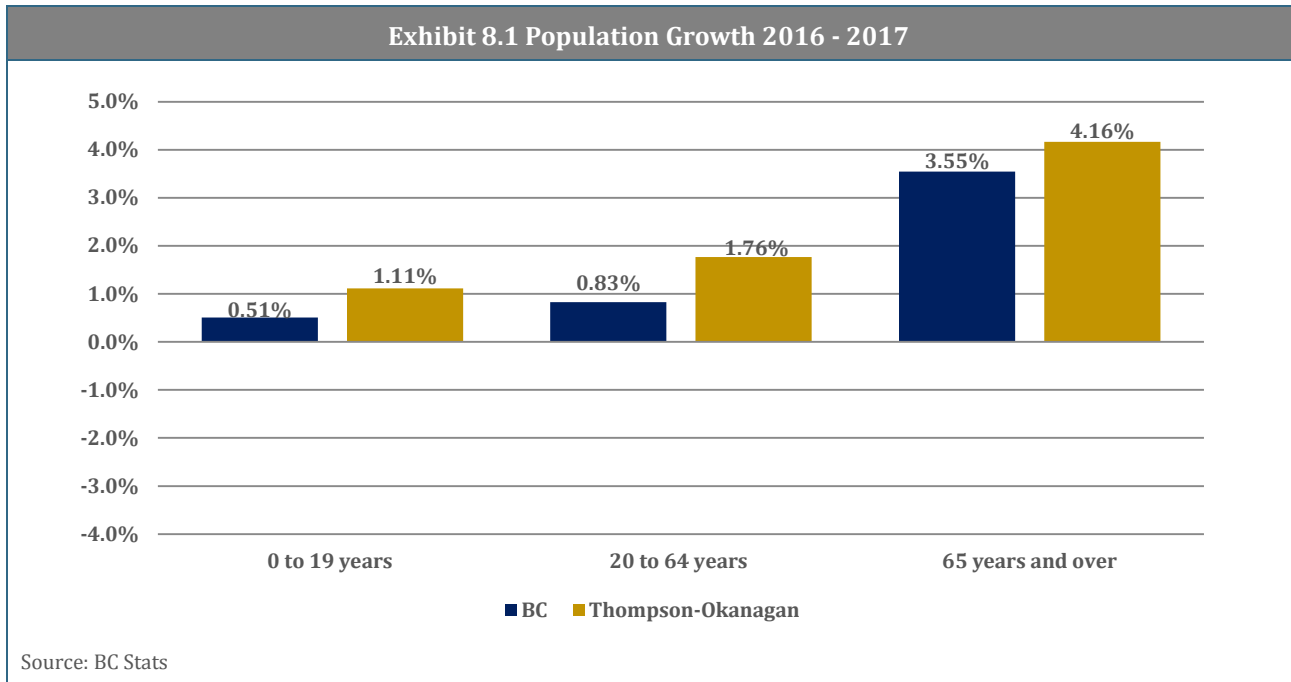


Note: Oil and Gas Extraction include Natural Gas Processing & Natural Gas Compressor

THOMPSON - OKANAGAN REGION

8. Thompson - Okanagan Region

Key Economic Indicators



THOMPSON - OKANAGAN REGION

Exhibit 8.3 Value of Residential Building Permits

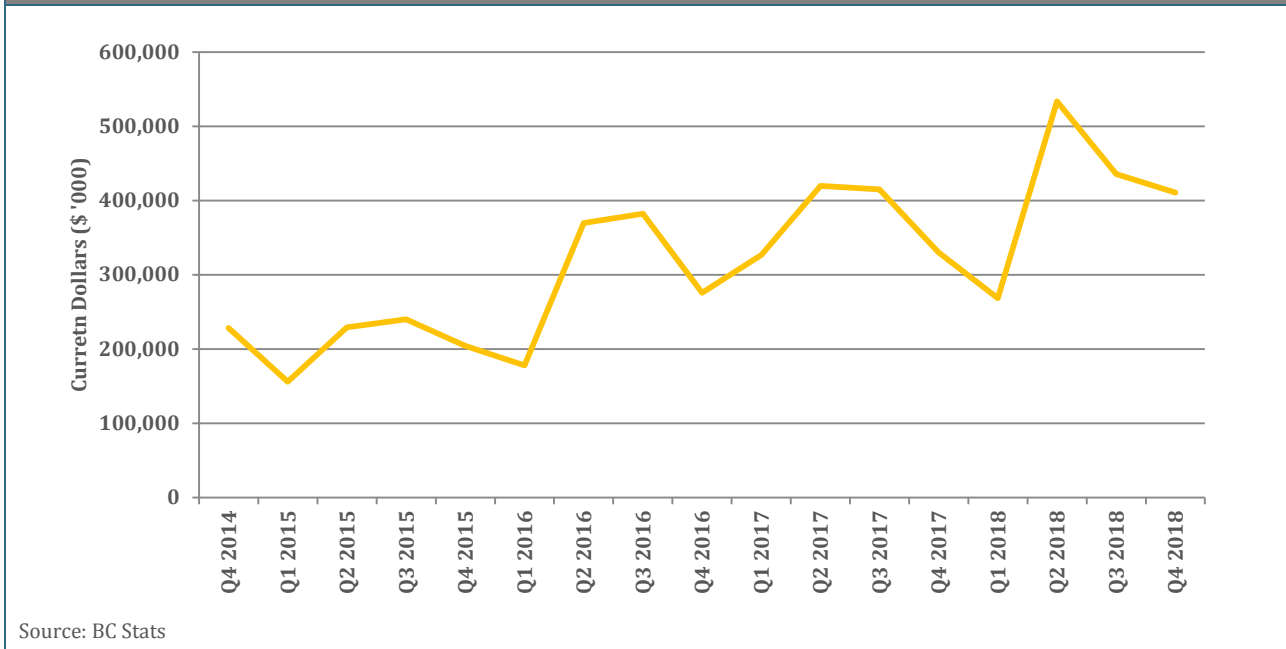
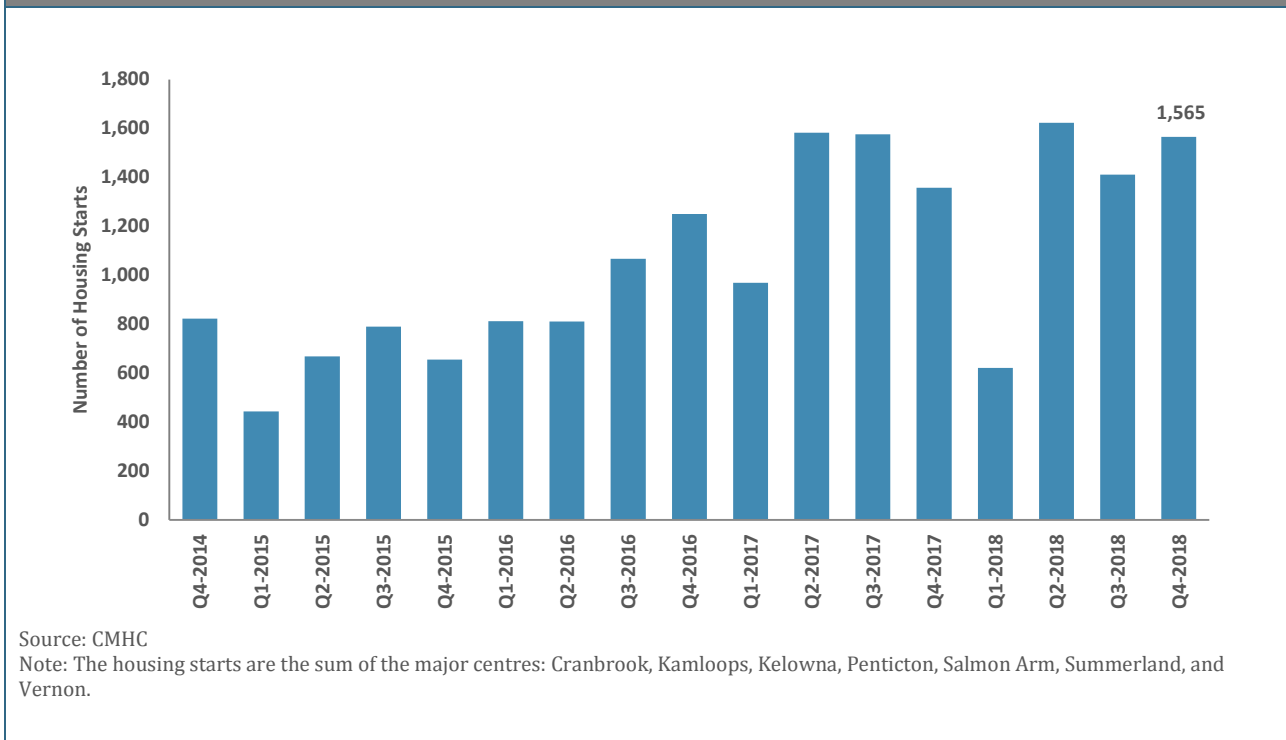
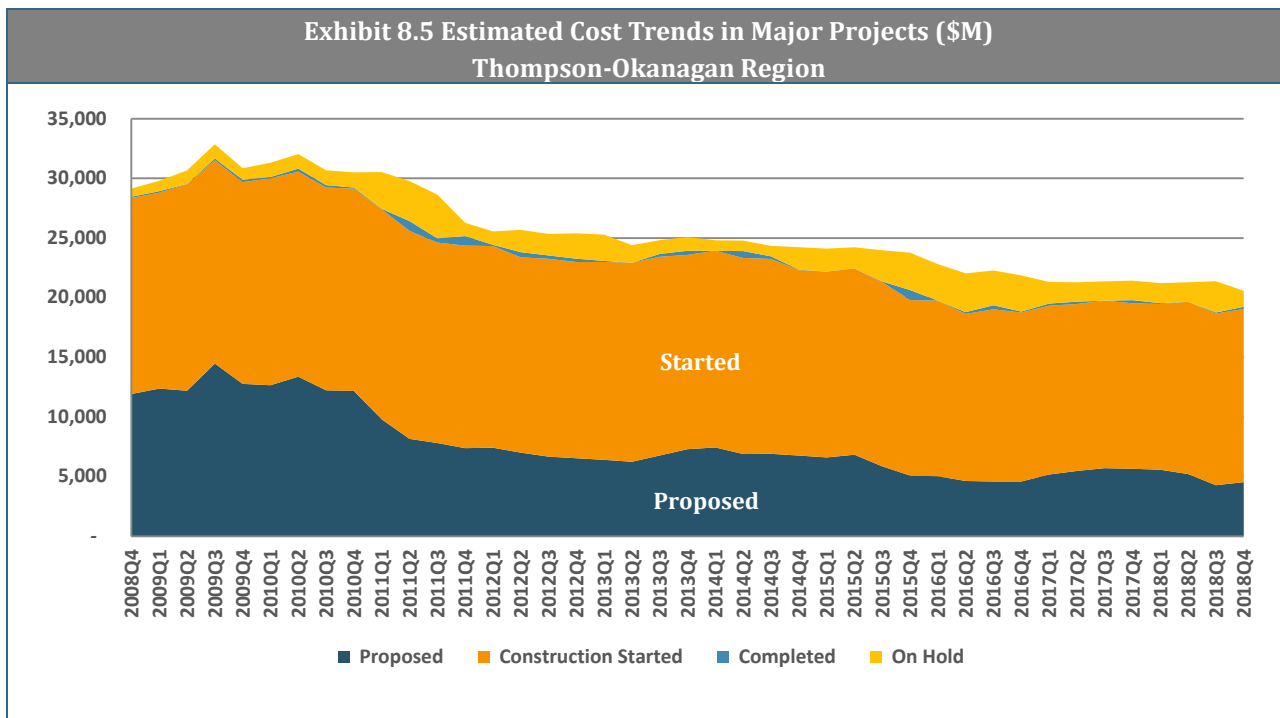


Exhibit 8.4 Housing Starts



THOMPSON - OKANAGAN REGION

Trends in Major Projects



- In Q4 2018, the Thompson-Okanagan region has a total of 108 major projects with a combined value of \$20.6 B, representing a 3.8 percent decrease over the previous quarter and 4 percent declined compared to one year earlier.
- There are 2 newly proposed projects added to the MPI this quarter: RW Bruhn Bridge Replacement in Sicamous (\$225 M) and Glenmore Secondary School in Kelowna (\$59 M)
- Five major projects were completed in this quarter such as the Highway 97 Improvements - Highway 33 to Edwards Road (\$67M), Kamloops Substation (\$56 M), UBC - Okanagan Teaching and Learning Centre in Kelowna (\$35 M), Sopa Square Residential Development in Kelowna (\$25 M) and Okanagan Lake Second Crossing - Planning Study.
- Royal Inland Hospital Patient Care Tower (\$417 M) in Kamloops began construction in this quarter.

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

Status	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Change from the previous quarter	Change from the previous year
Proposed	5,653	5,574	5,210	4,276	4,533	6.0%	-19.8%
Construction started	13,872	13,892	14,438	14,387	14,516	0.9%	4.6%
Completed	260	70	0	90	182	102.2%	-30.0%
On hold	1,637	1,677	1,638	2,621	1,338	-49.0%	-18.3%
Total	21,422	21,213	21,286	21,374	20,570	-3.8%	-4.0%

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	4,533	22%	43	113	6.6
Preliminary/Feasibility	594	3%	11	66	4.9
Consultation/Approvals	2,843	14%	17	167	7.8
Permitting	264	1%	3	88	7.0
Tender/Preconstruction	448	2%	4	112	1.8
Stage Unknown	384	2%	8	55	8.4
On hold	1,338	7%	6	223	12.1
Construction started	14,516	71%	54	274	9.2
Completed	182	1%	5	46	5.1
Total	20,570	100%	108	200	8.1

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.

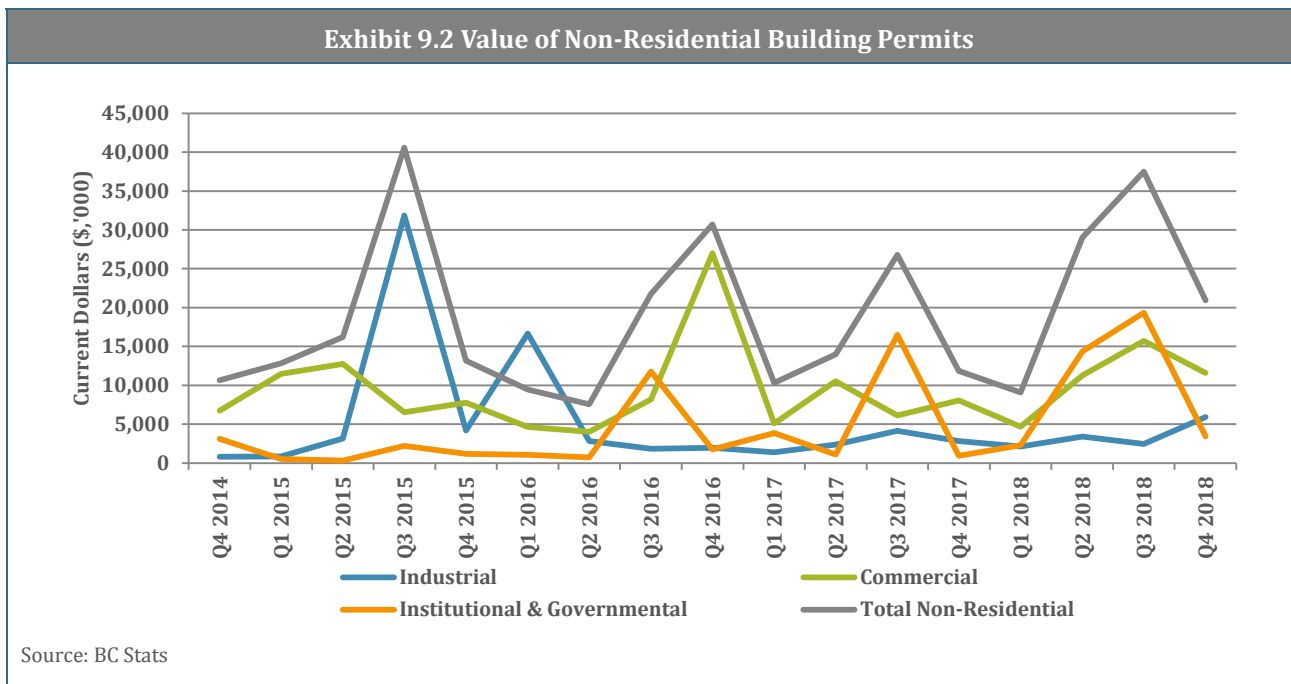
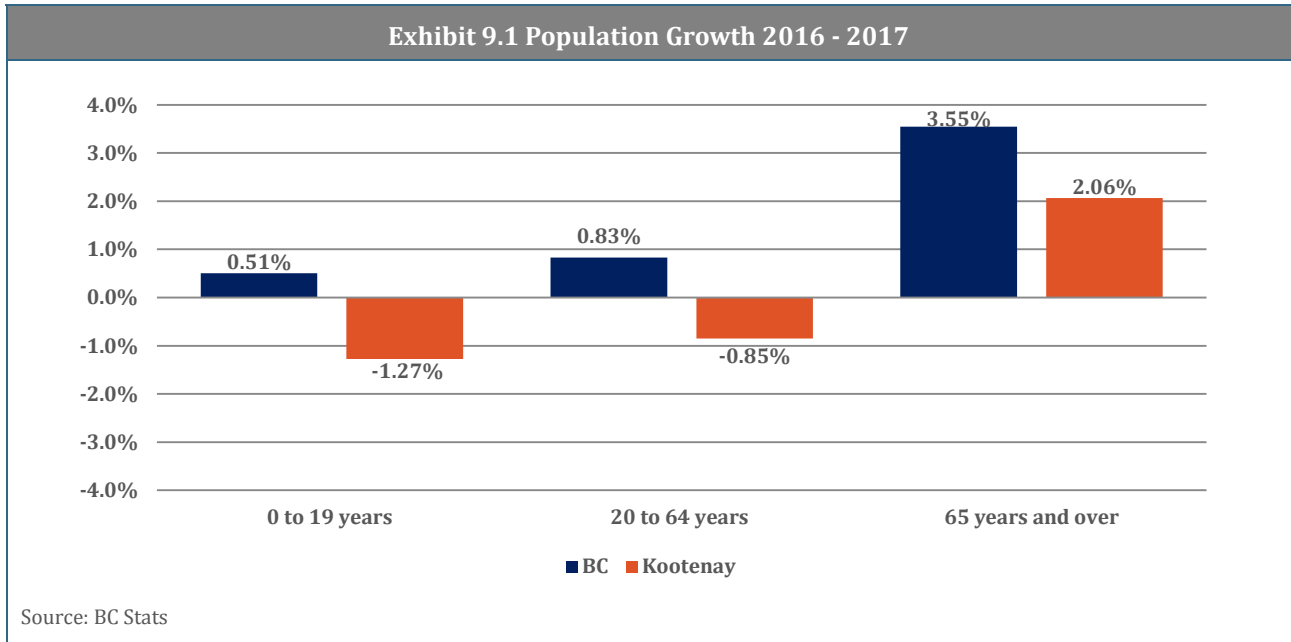
**Exhibit 8.8 Major Projects Status, by Construction Subtype
Thompson-Okanagan Region**



KOOTENAY REGION

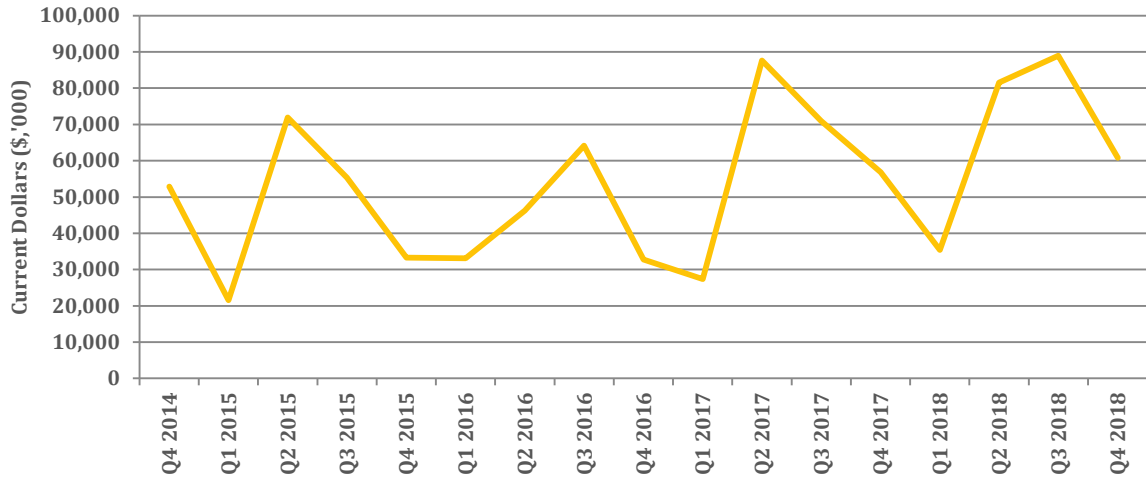
9. Kootenay Region

Key Economic Indicators



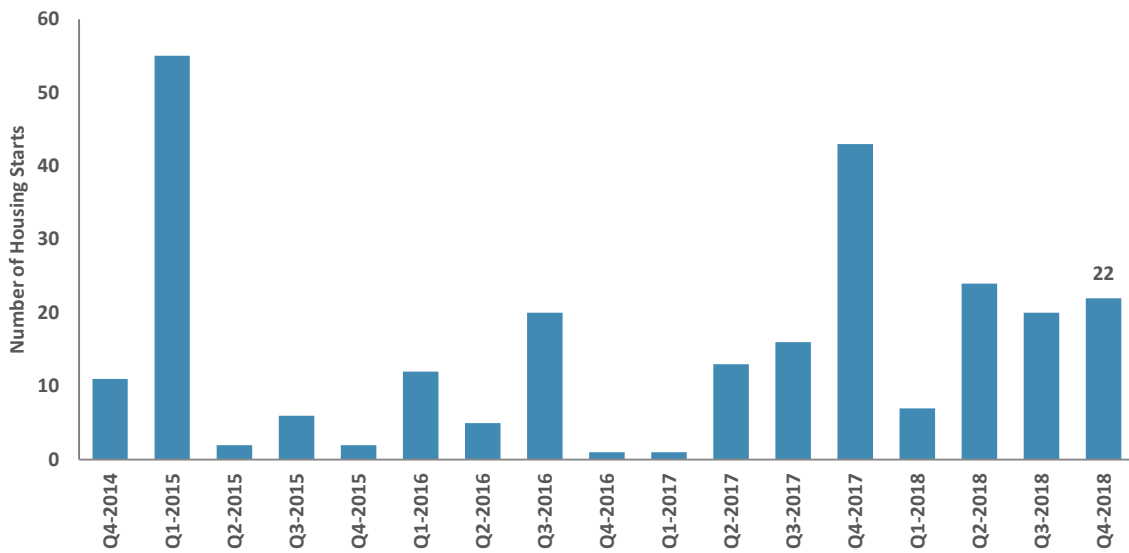
KOOTENAY REGION

Exhibit 9.3 Value of Residential Building Permits



Source: BC Stats

Exhibit 9.4 Housing Starts - Nelson



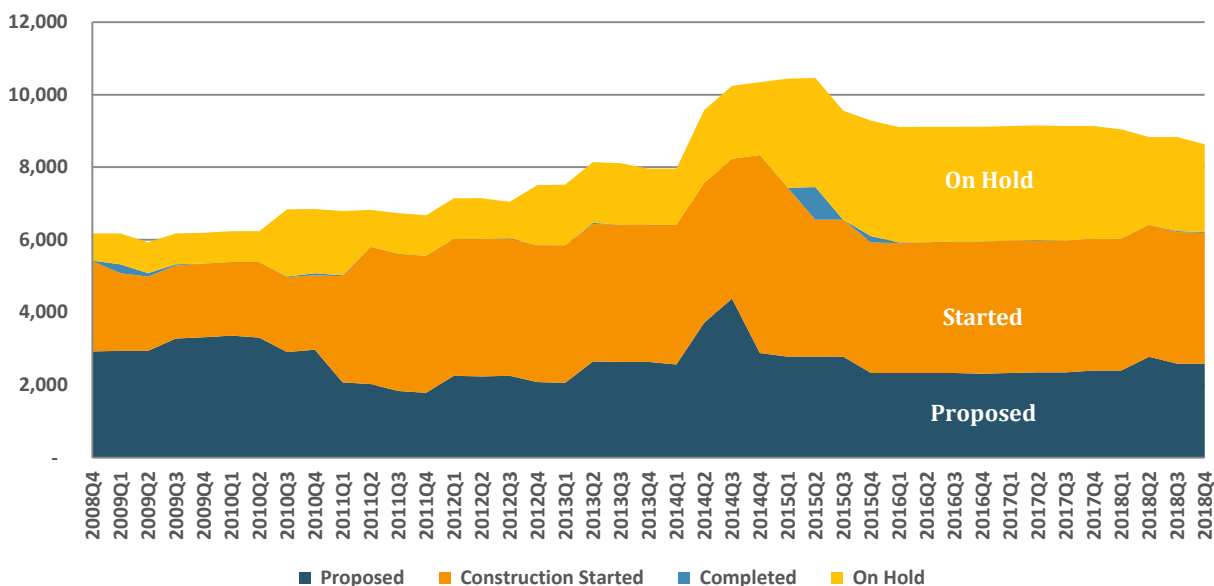
Source: CMHC

KOOTENAY REGION

Trends in Major Projects

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

Kootenay Region



- In Q4 2018, the Kootenay region had a total of 27 major projects with a combined value of \$8.6 B, a 2.3 percent decrease compared to the previous quarter and representing a 5.5 percent decline compared to one year earlier.
- Silver King Renewal - Trades Training Facility in Nelson (\$22 M) was completed in this quarter.

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

Kootenay Region

Status	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Change from the previous quarter	Change from the previous year
Proposed	2,399	2,399	2,779	2,590	2,590	0.0%	8.0%
Construction started	3,626	3,634	3,634	3,623	3,601	-0.6%	-0.7%
Completed	0	0	0	28	22	-21.4%	n.a
On hold	3,110	3,010	2,420	2,592	2,420	-6.6%	-22.2%
Total	9,135	9,043	8,833	8,833	8,633	-2.3%	-5.5%

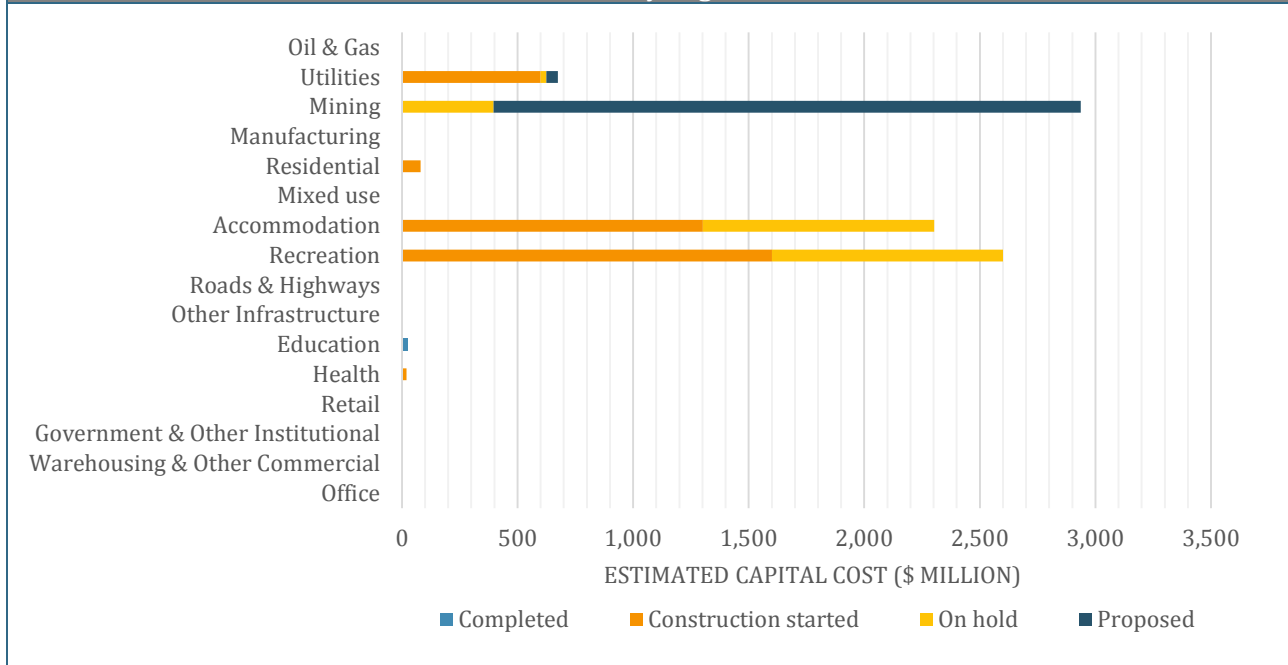
KOOTENAY REGION

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	2,590	30%	8	432	6.3
Preliminary/Feasibility	0	0%	2	0	3.3
Consultation/Approvals	2,540	29%	5	508	7.0
Permitting	0	0%	0	0	0.0
Tender/Preconstruction	0	0%	0	0	0.0
Stage Unknown	50	1%	1	50	9.1
On hold	2,420	28%	4	605	14.7
Construction started	3,601	42%	14	257	14.7
Completed	22	0%	1	22	3.1
Total	8,633	100%	27	345	11.8

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 9.8 Major Projects Status, by Construction Subtype
Kootenay Region

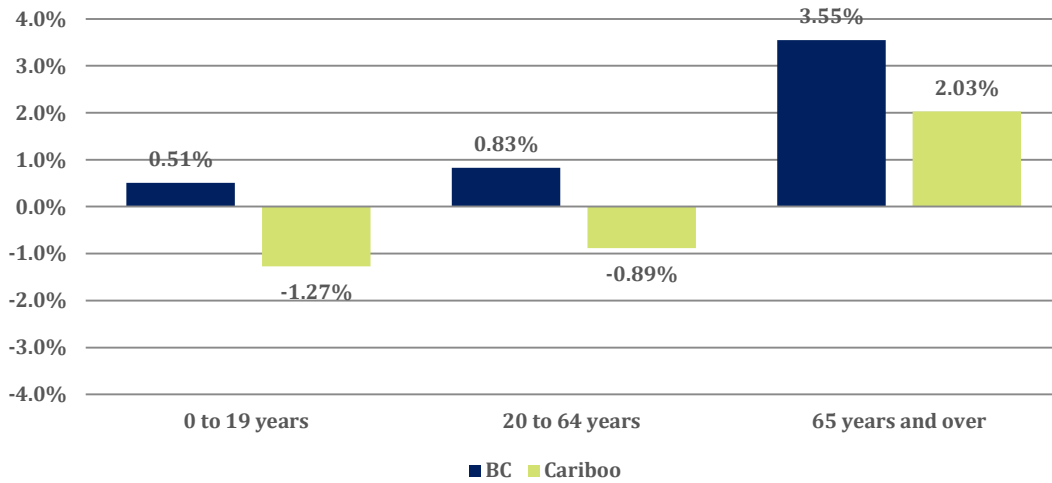


CARIBOO REGION

10. Cariboo Region

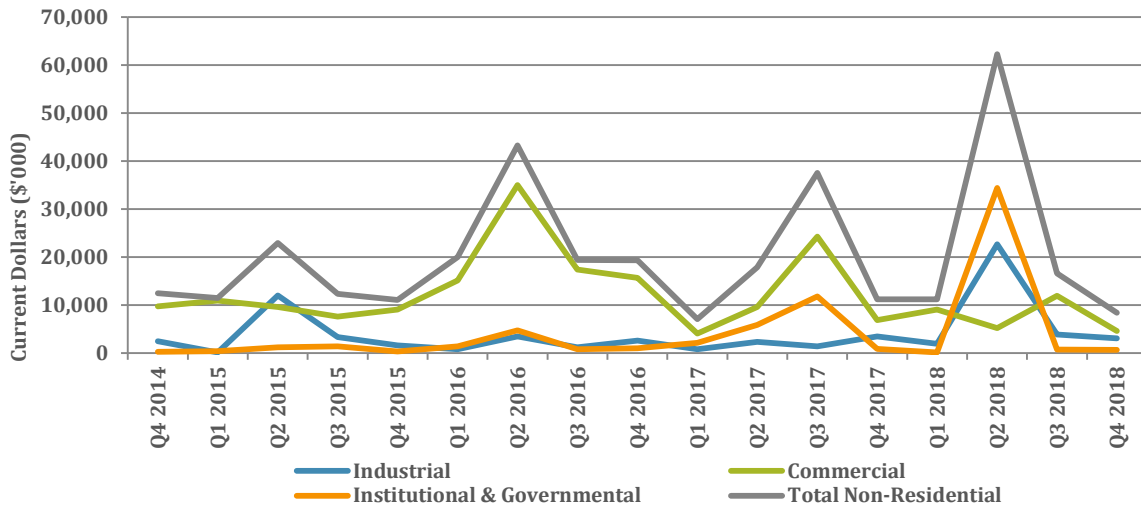
Key Economic Indicators

Exhibit 10.1 Population Growth 2016 - 2017



Source: BC Stats

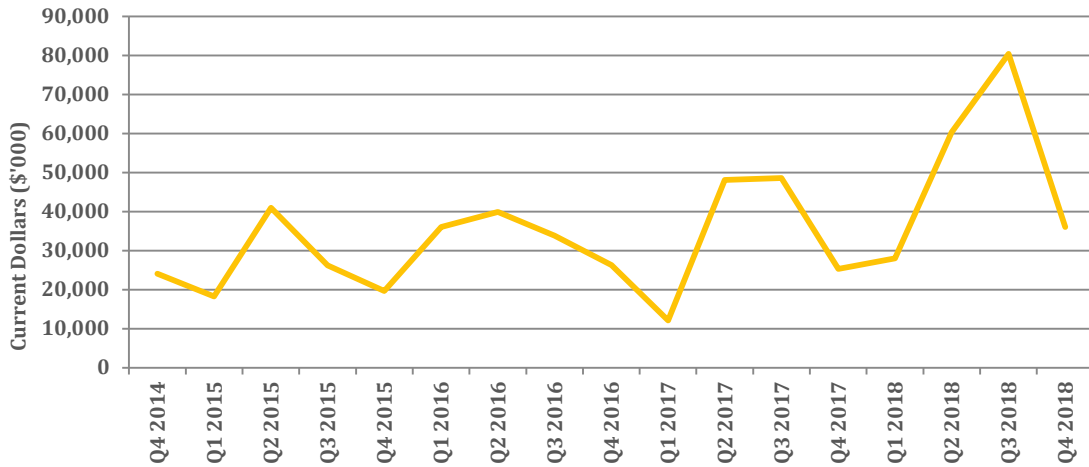
Exhibit 10.2 Value of Non-Residential Building Permits



Source: BC Stats

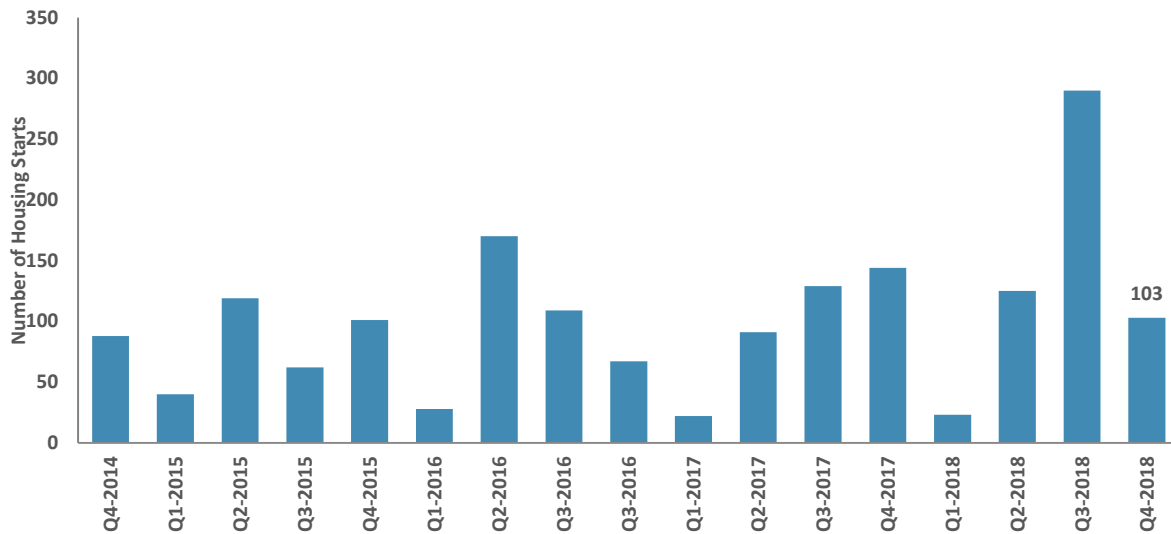
CARIBOO REGION

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

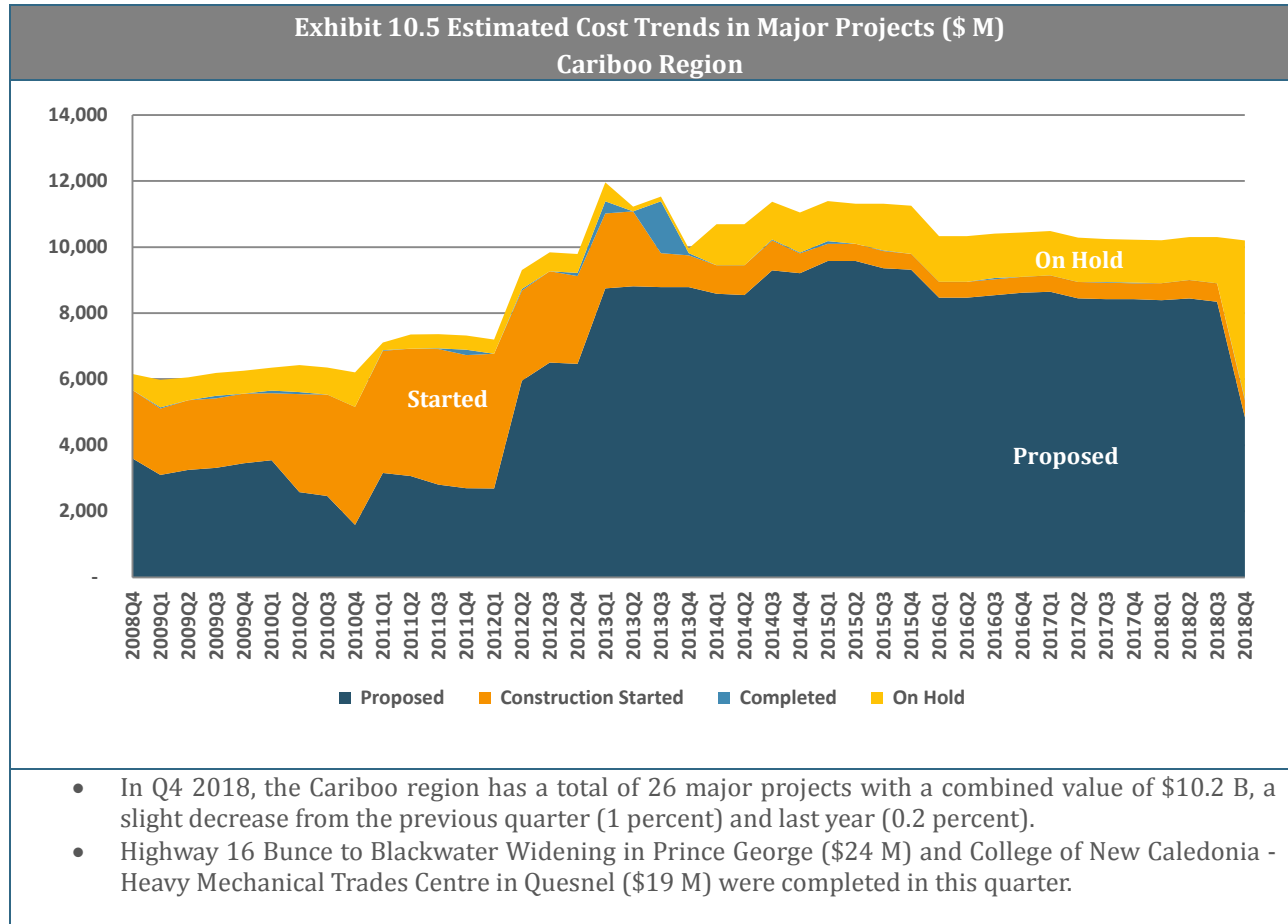


Exhibit 10.6 Estimated Cost Trends in Major Projects, by Project Status (\$M)
Cariboo Region

Status	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Change from the previous quarter	Change from the previous year
Proposed	8,422	8,390	8,443	8,343	4,843	-42.0%	-42.5%
Construction started	479	515	559	559	514	-8.1%	7.3%
Completed	21	0	0	0	43	n.a	104.8%
On hold	1,300	1,300	1,300	1,400	4,800	242.9%	269.2%
Total	10,222	10,205	10,302	10,302	10,200	-1.0%	-0.2%

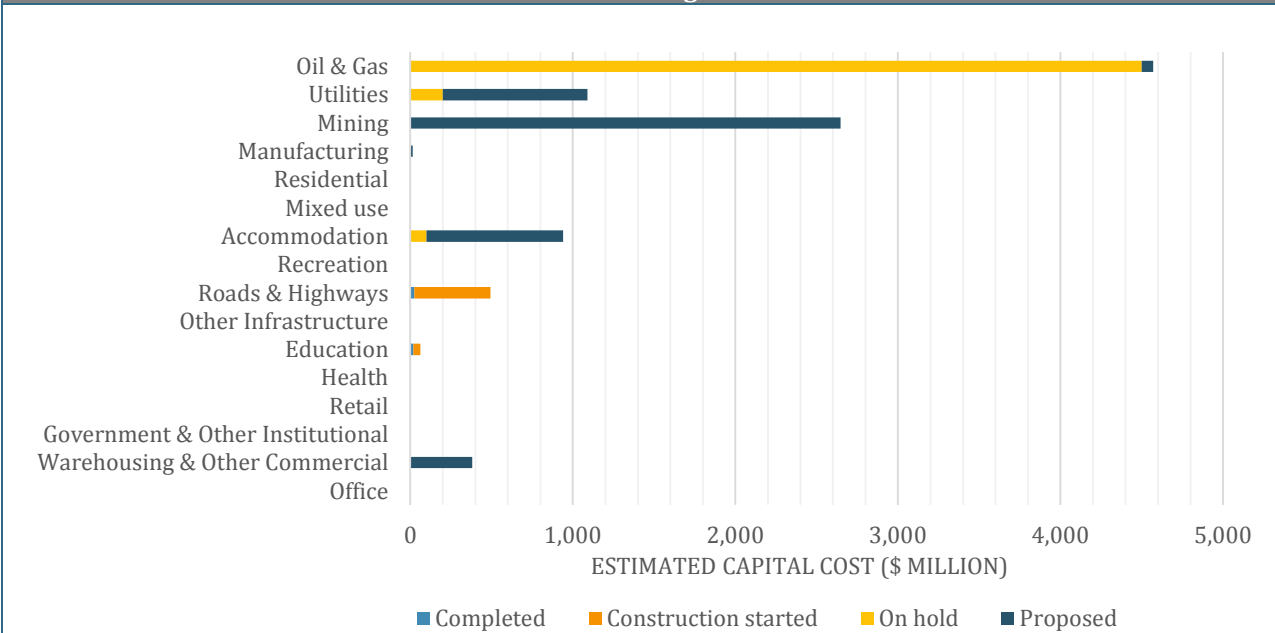
CARIBOO REGION

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	4,843	47%	18	303	8.2
Preliminary/Feasibility	992	10%	5	248	5.3
Consultation/Approvals	3,721	36%	9	465	8.1
Permitting	0	0%	0	0	0.0
Tender/Preconstruction	60	1%	1	60	19.8
Stage Unknown	70	1%	3	23	9.8
On hold	4,800	47%	3	1600	14.7
Construction started	514	5%	3	171	5.8
Completed	43	0%	2	22	2.1
Total	10,200	100%	26	425	8.2

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

Exhibit 10.8 Major Projects Status, by Construction Subtype
Cariboo Region

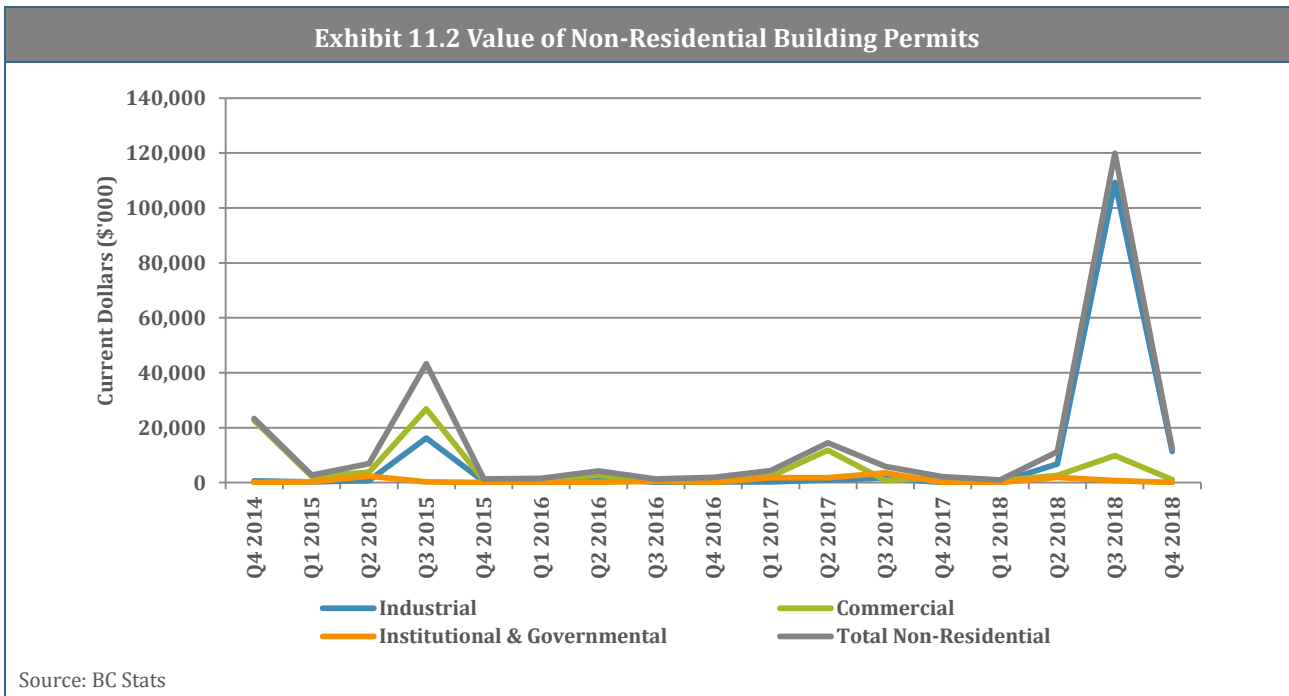
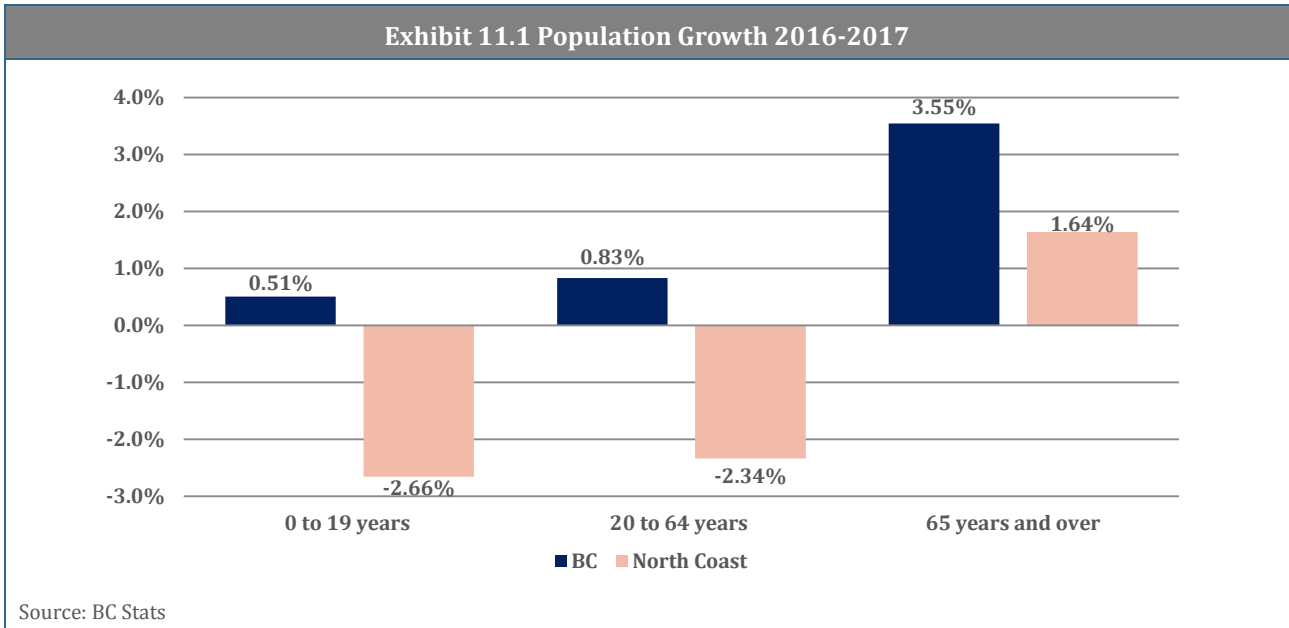


Note: Oil and Gas Extraction include Natural Gas Processing & Natural Gas Compressor

NORTH COAST REGION

11. North Coast Region

Key Economic Indicators



NORTH COAST REGION

Exhibit 11.3 Value of Residential Building Permits

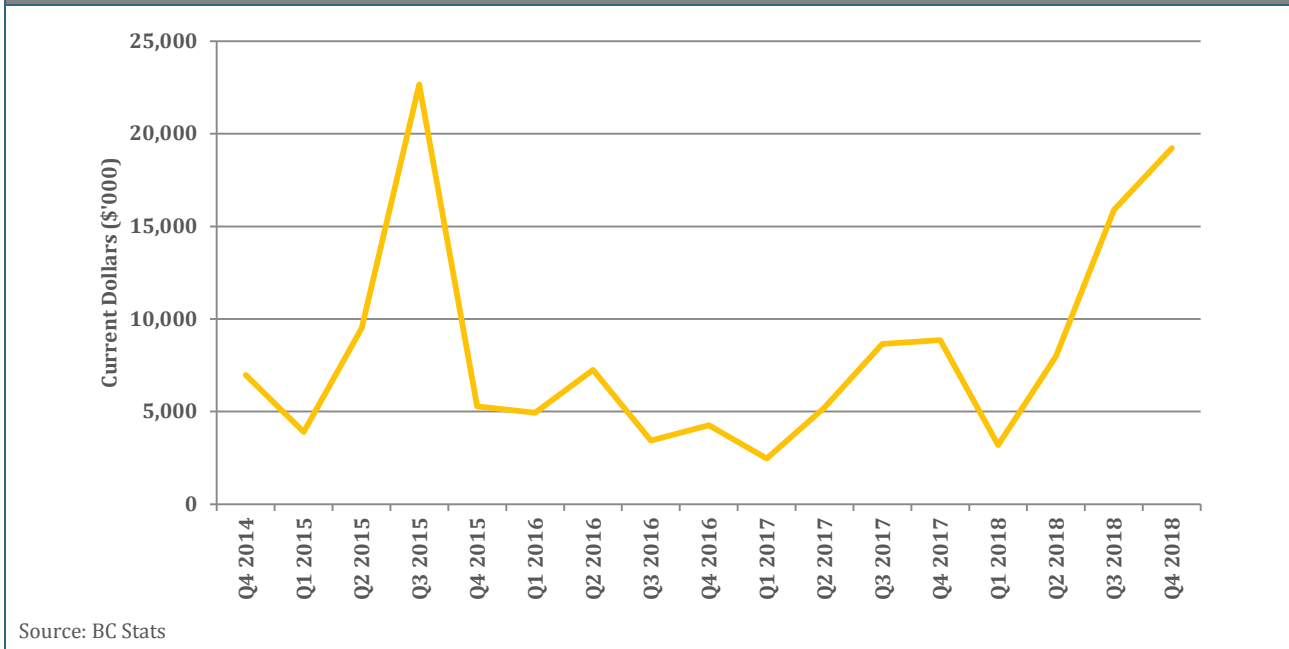
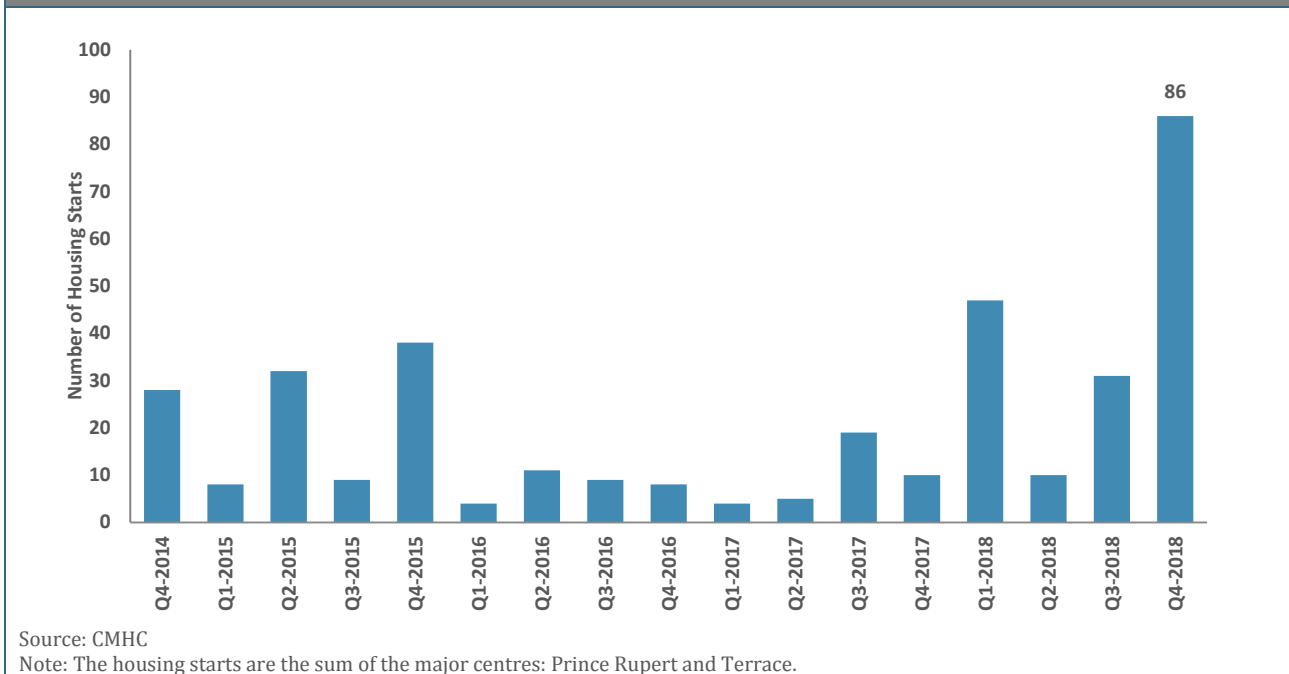
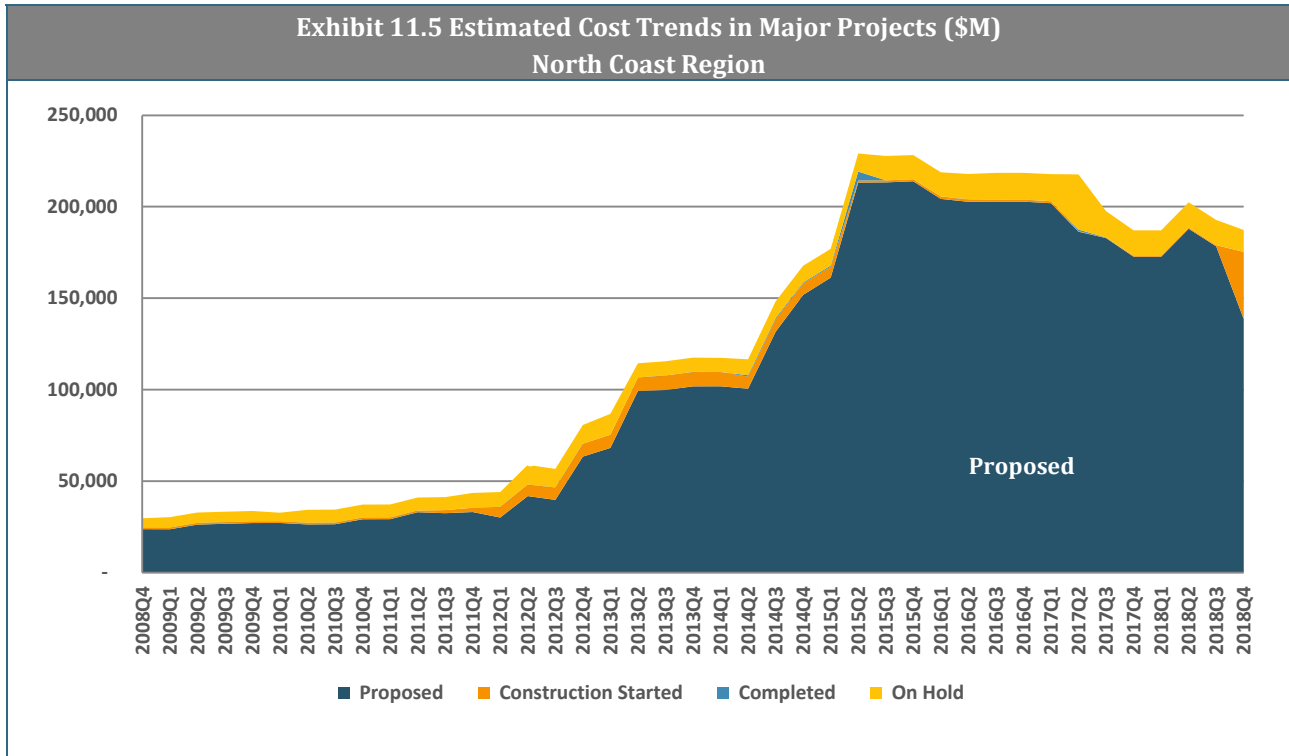


Exhibit 11.4 Housing Starts - North Coast



NORTH COAST REGION

Trends in Major Projects



- In Q4 2018, the North Coast region has a total of 56 major projects with a combined value of \$187.3 B, representing a 2.8 percent decrease over the previous quarter and a slight increase (0.1 percent) compared to one year earlier.
- Fairview Container Terminal Expansion - Phase 2B in Prince Rupert (\$200 M) is added to the MPI in this quarter.
- Trades Training Facility Renewal in Terrace (\$18 M) was completed in this quarter
- LNG Canada Load Interconnection Project (\$82 M) and LNG Canada Facility (\$36 B) began construction in this quarter.

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

Status	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Change from the previous quarter	Change from the previous year
Proposed	172,684	172,660	187,963	178,348	138,612	-22.3%	-19.7%
Construction started	616	647	669	669	36,696	5385.2%	5857.1%
Completed	0	0	15	0	18	n.a	n.a
On hold	13,797	13,797	13,770	13,770	11,981	-13.0%	-13.2%
Total	187,097	187,104	202,417	192,787	187,307	-2.8%	0.1%

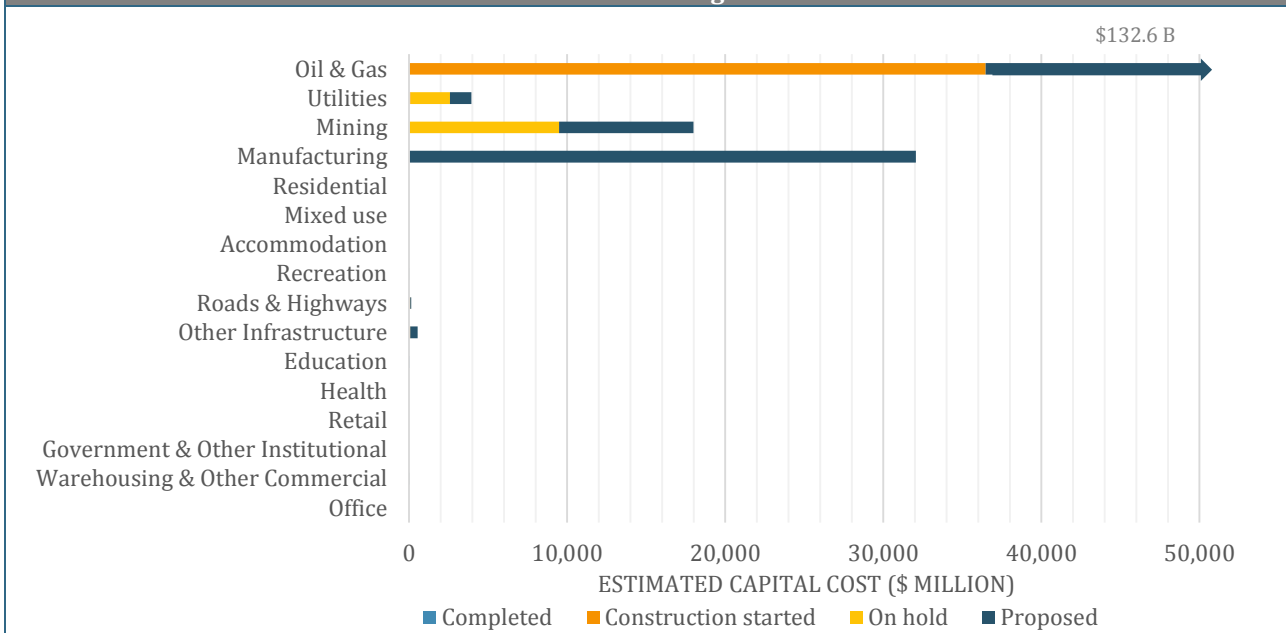
NORTH COAST REGION

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	138,612	74%	41	4,332	6.5
Preliminary/Feasibility	34,415	18%	12	3,824	4.8
Consultation/Approvals	72,612	39%	21	4,538	6.8
Permitting	1,300	1%	1	1,300	14.6
Tender/Preconstruction	64	0%	2	64	4.7
Stage Unknown	30,221	16%	5	6,044	8.6
On hold	11,981	6%	8	1,712	11.5
Construction started	36,696	20%	6	6116	3.4
Completed	18	0%	1	18	2.3
Total	187,307	100%	56	4,072	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

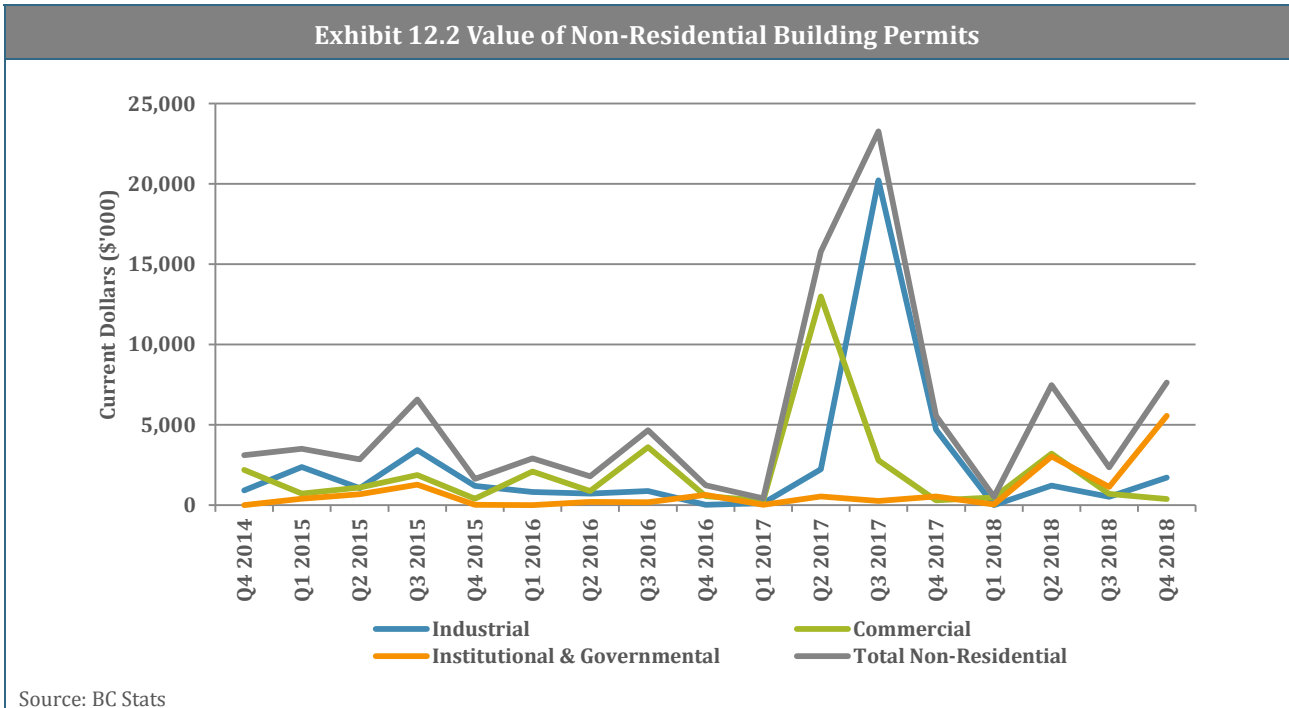
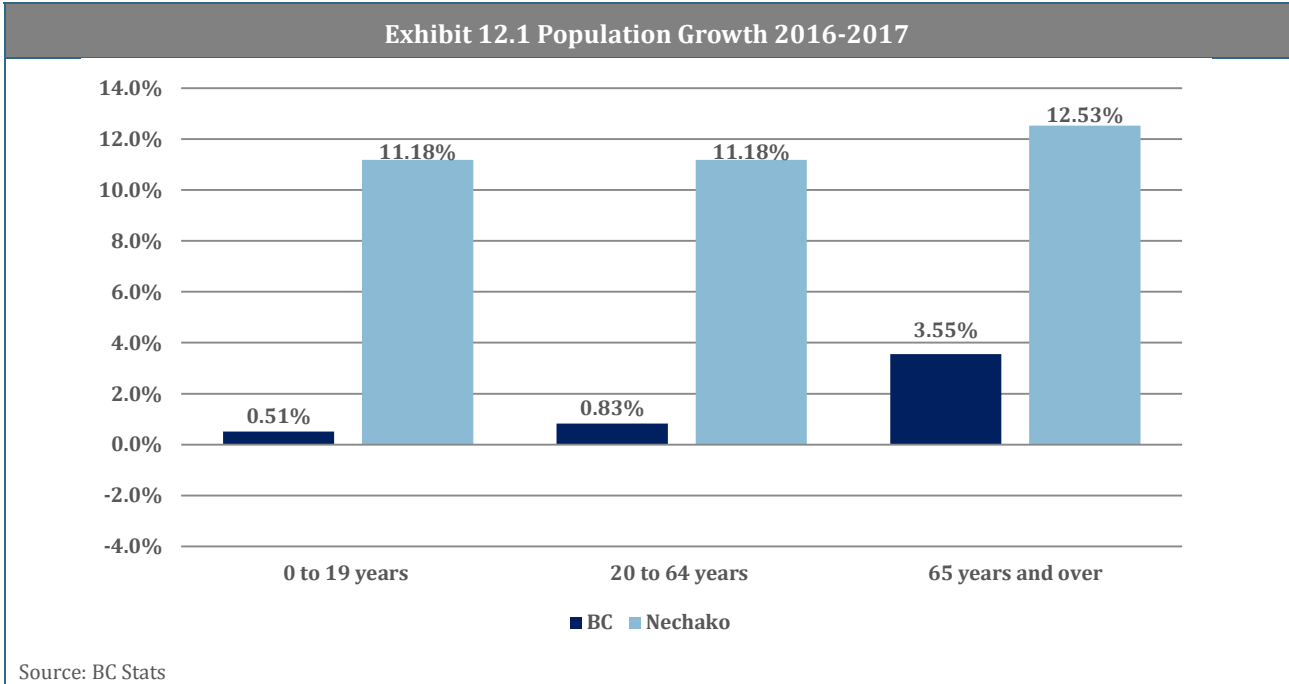


Note: Oil and Gas Extraction include Natural Gas Processing & Natural Gas Compressor

NECHAKO REGION

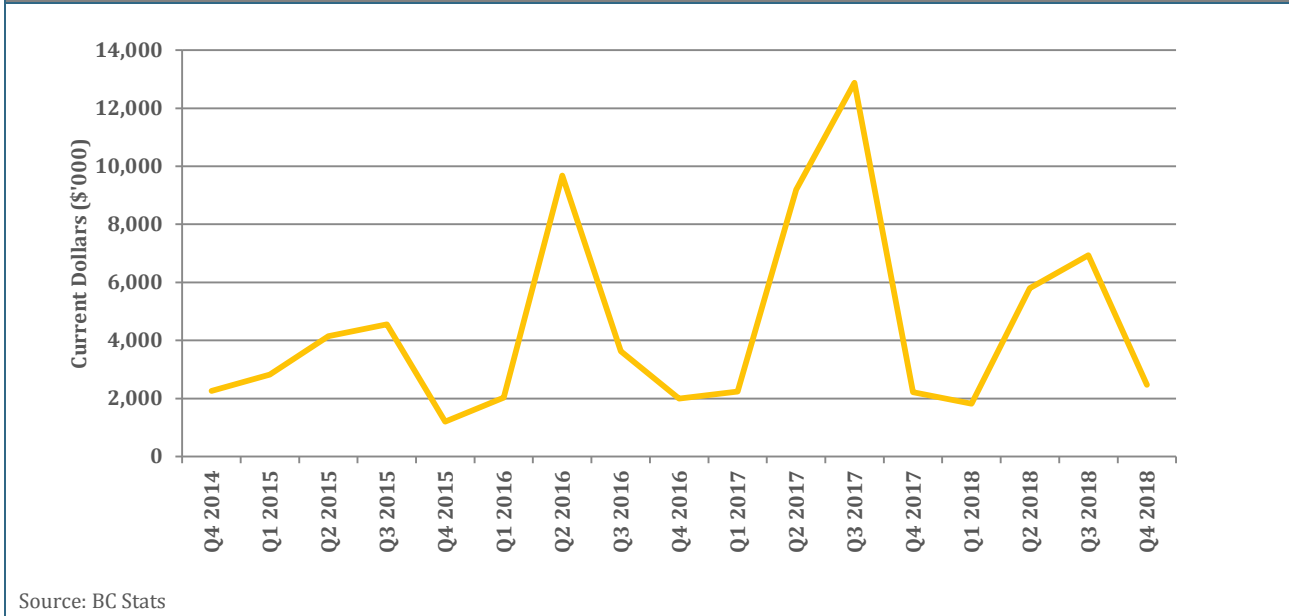
12. Nechako Region

Key Economic Indicators



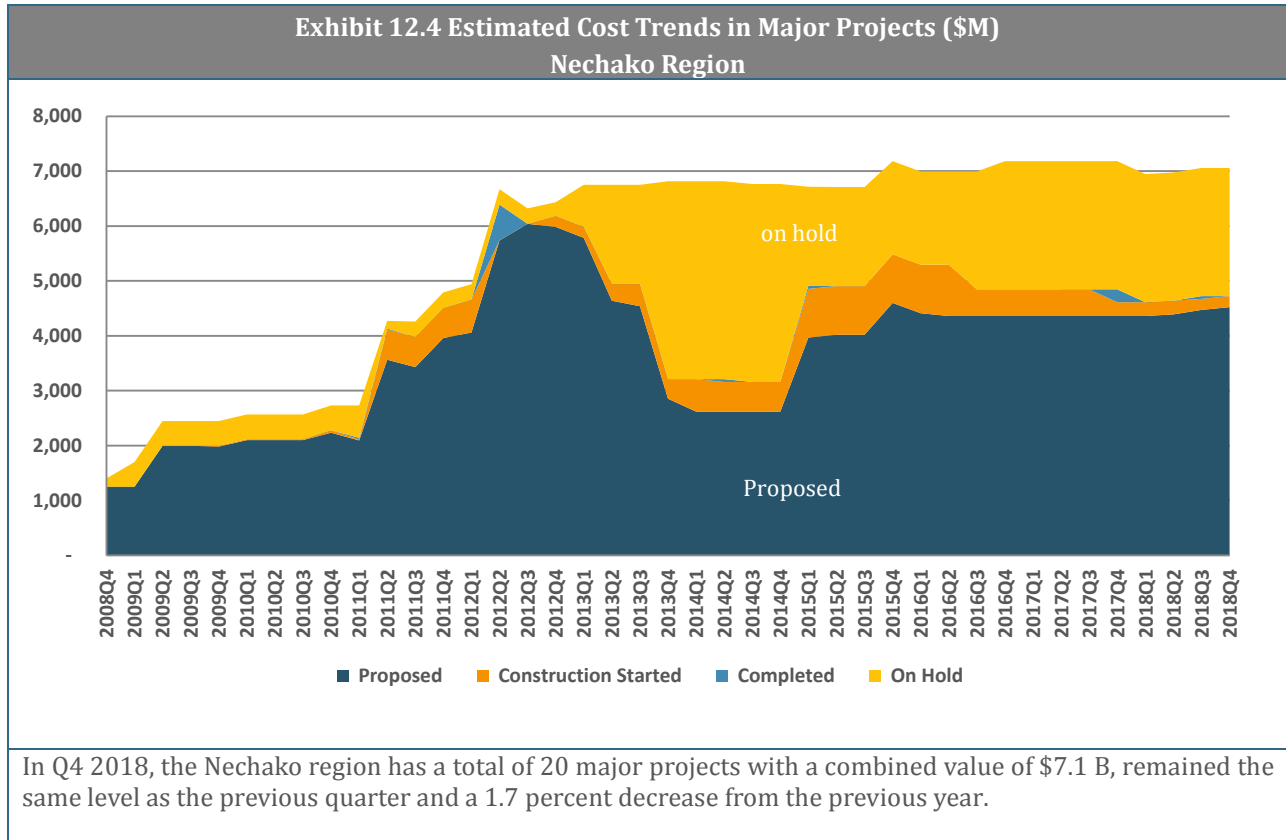
NECHAKO REGION

Exhibit 12.3 Value of Residential Building Permits



NECHAKO REGION

Trends in Major Projects



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

Status	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Change from the previous quarter	Change from the previous year
Proposed	4,361	4,361	4,390	4,472	4,522	1.1%	3.7%
Construction started	251	251	251	201	201	0.0%	-19.9%
Completed	235	0	0	50	0	n.a	n.a
On hold	2,335	2,335	2,335	2,335	2,335	0.0%	0.0%
Total	7,182	6,947	6,976	7,058	7,058	0.0%	-1.7%

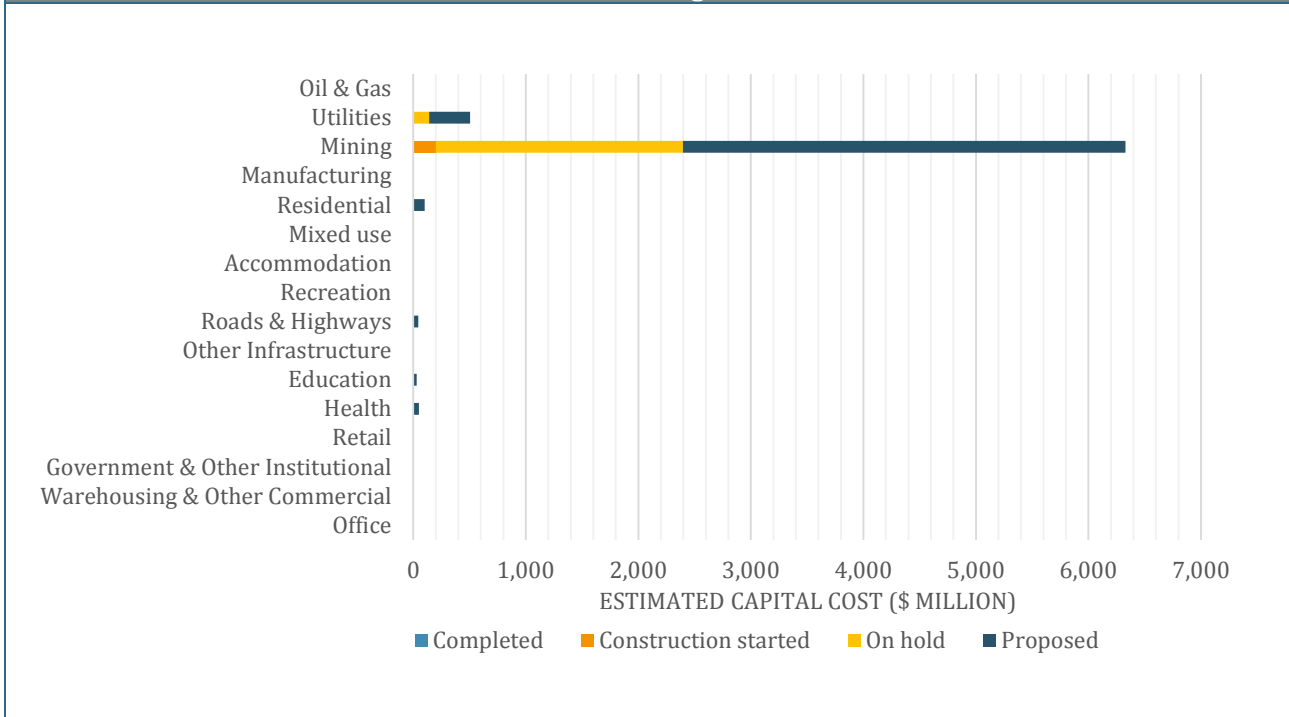
NECHAKO REGION

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	4,522	64%	14	348	8.6
Preliminary/Feasibility	954	14%	4	239	6.3
Consultation/Approvals	2,268	32%	8	284	9.6
Permitting	0	0%	0	0	0.0
Tender/Preconstruction	0	0%	0	0	0.0
Stage Unknown	1,300	18%	2	1300	9.3
On hold	2,335	33%	5	467	13.2
Construction started	201	3%	1	201	7.1
Completed	0	0%	0	0	0.0
Total	7,058	100%	20	371	9.7

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 12.7 Major Projects Status, by Construction Subtype
Nechako Region

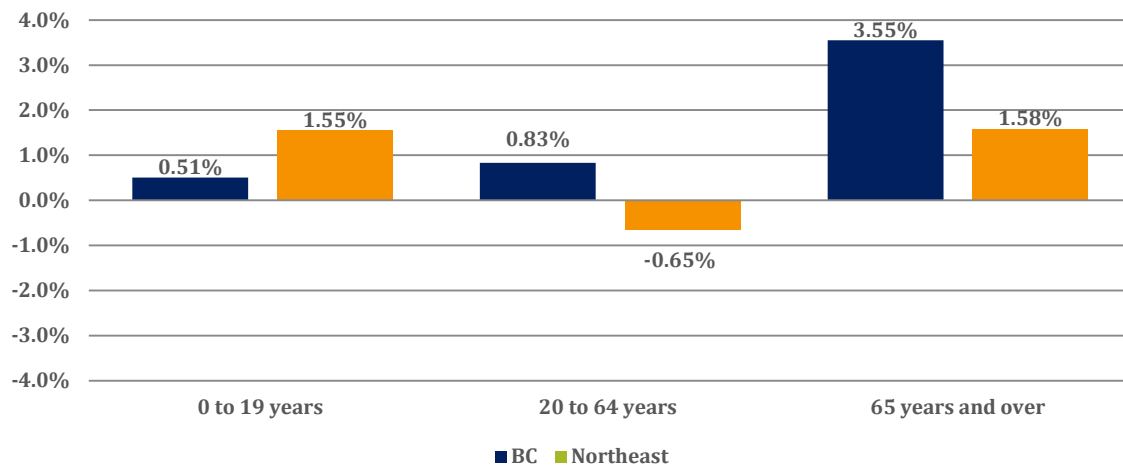


NORTHEAST REGION

13. Northeast Region

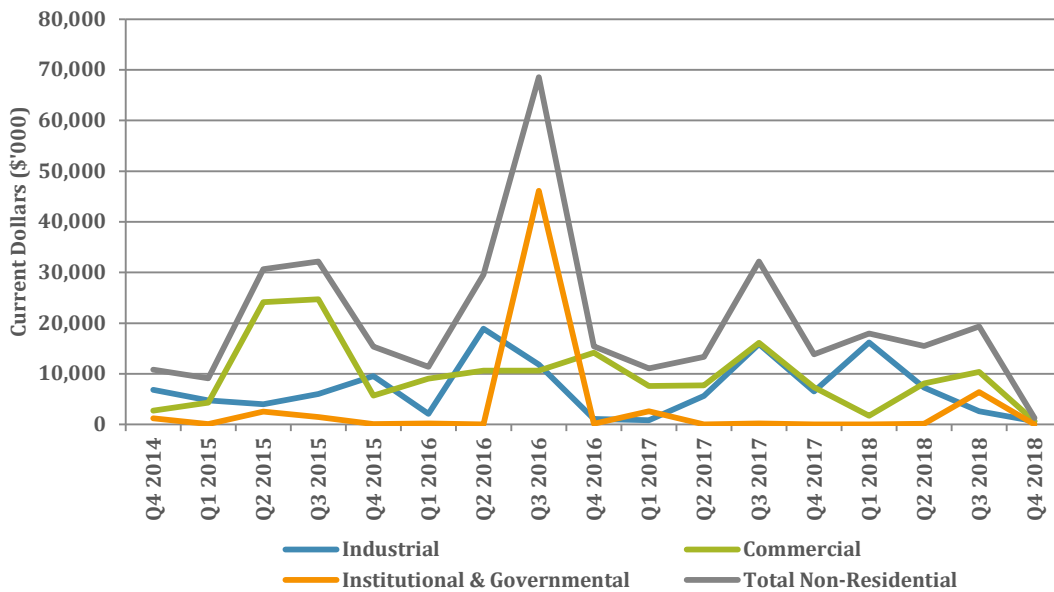
Key Economic Indicators

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

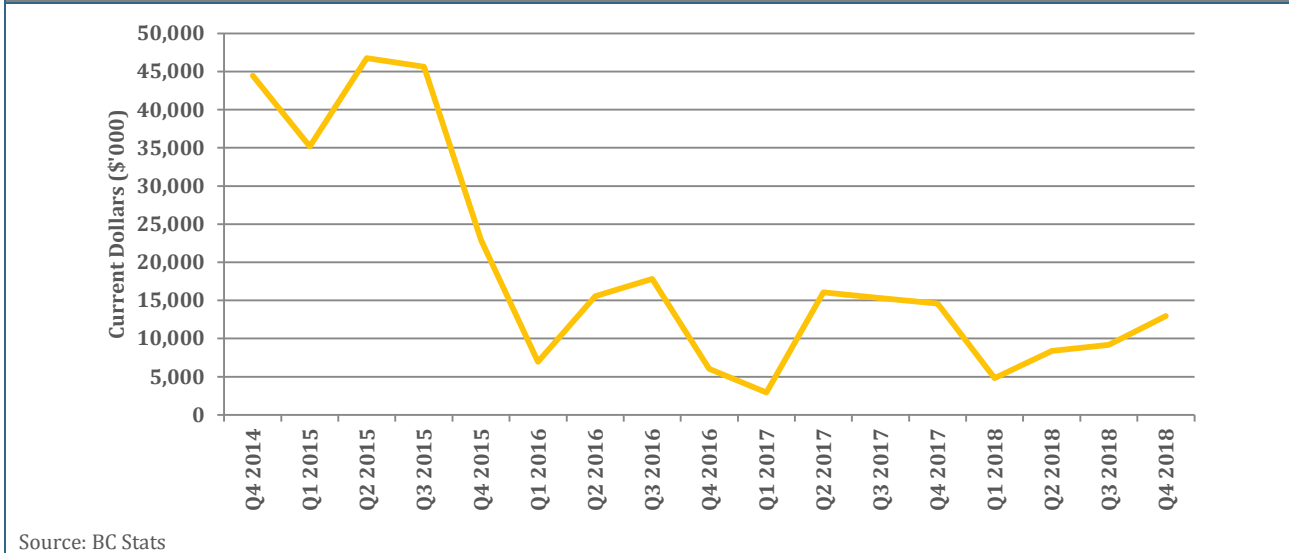
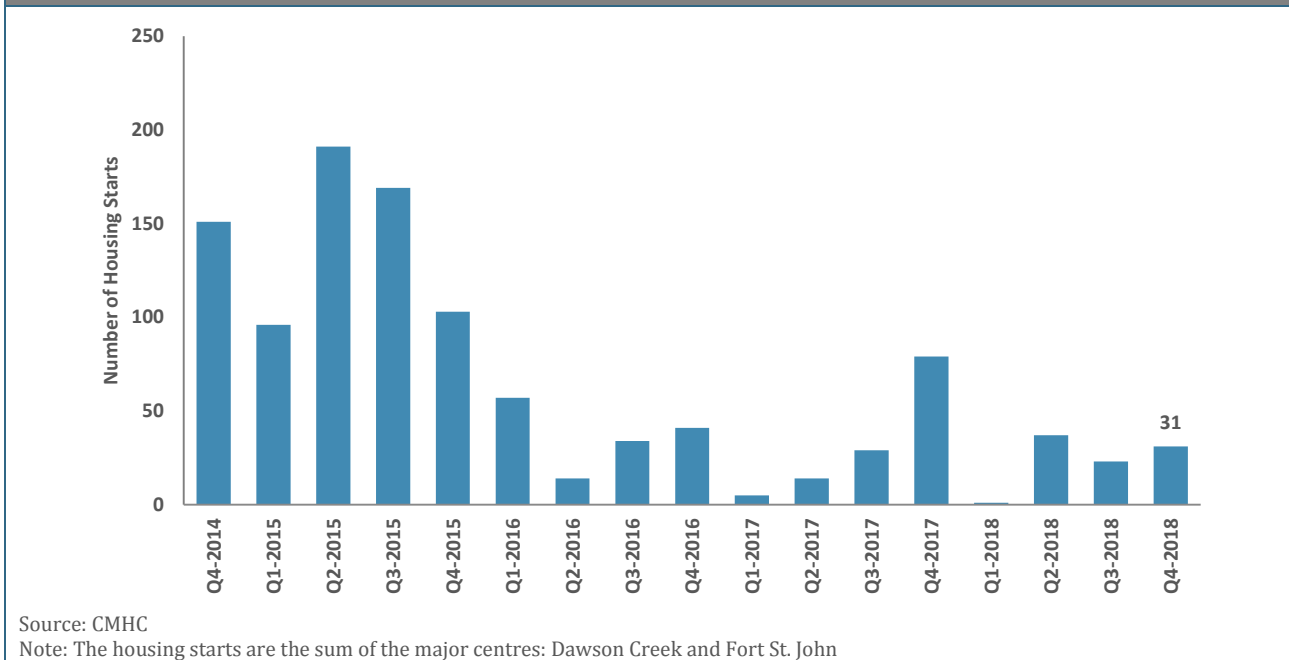
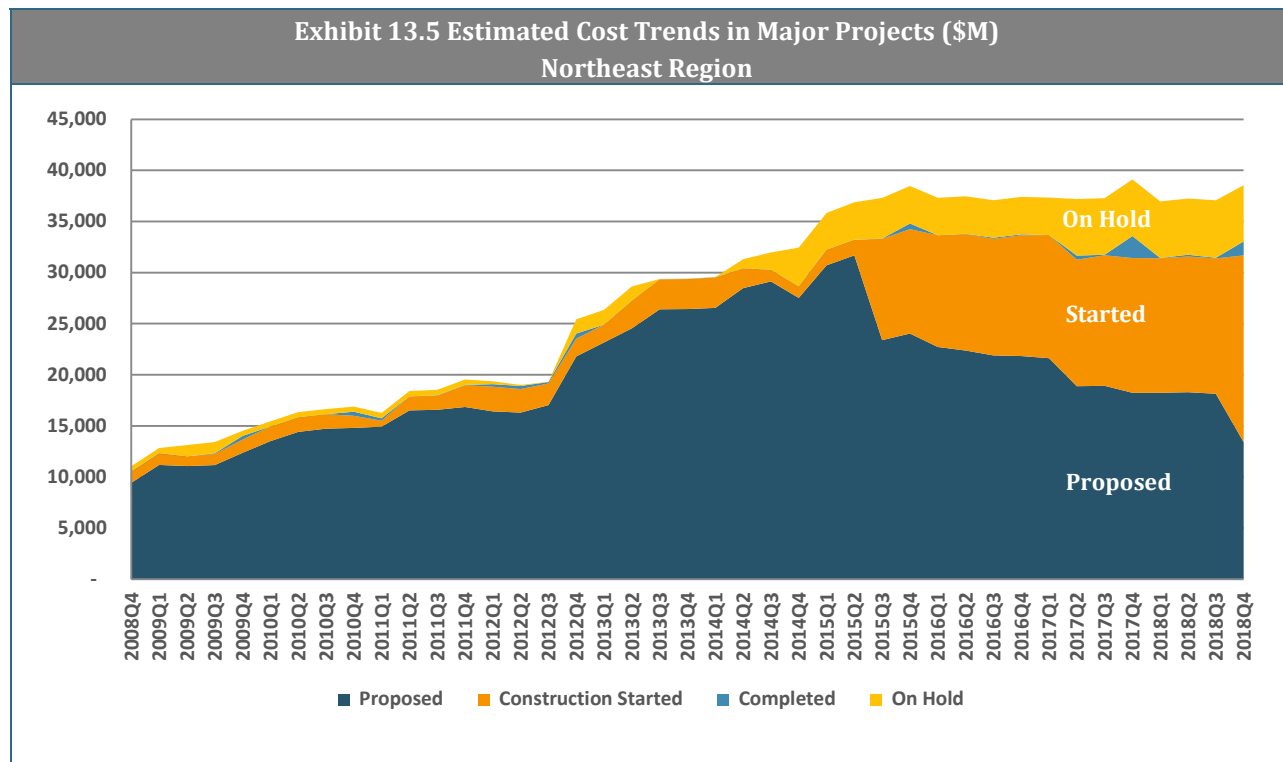


Exhibit 13.4 Housing Starts



NORTHEAST REGION

Trends in Major Projects



- In Q4 2018, the Northeast region has a total of 51 major projects with a combined value of \$38.6 B, representing a 4 percent decrease over the previous quarter and a 1.4 percent decrease compared to one year earlier.
- RCMP Detachment Building in Fort St. John (\$43 M) is added to the MPI in this quarter.
- Three major projects were completed in this quarter: Saturn Compressor Facility Expansion (\$930 M) and Towerbirch Expansion Project (\$439 M), both in Dawson Creek,
- Coastal GasLink Pipeline Project (\$6.2 B) and North East Elementary School in Fort St. John (\$31 M) started construction in this quarter.

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

Status	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Change from the previous quarter	Change from the previous year
Proposed	18,234	18,234	18,292	18,140	13,402	-26.1%	-26.5%
Construction started	13,187	13,166	13,281	13,247	18,279	38.0%	38.6%
Completed	2,155	26	170	61	1,369	2144.3%	-36.5%
On hold	5,537	5,537	5,501	5,626	5,501	-2.2%	-0.7%
Total	39,113	36,963	37,244	37,074	38,551	4.0%	-1.4%

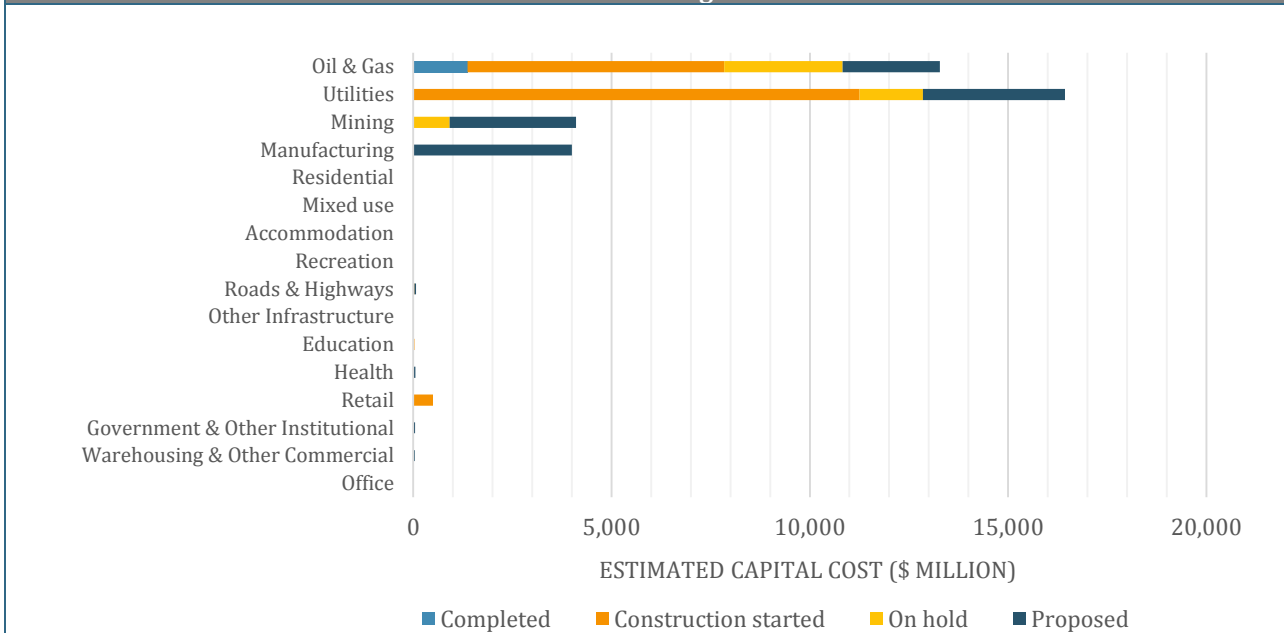
NORTHEAST REGION

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	13,402	35%	28	558	6.1
Preliminary/Feasibility	143	1%	3	48	0.5
Consultation/Approvals	7,664	57%	17	511	7.7
Permitting	4,000	30%	4	2,000	3.3
Tender/Preconstruction	80	1%	2	40	3.5
Stage Unknown	1,515	11%	2	758	8.6
On Hold	5,501	14%	8	688	8.2
Construction Started	18,279	47%	13	1,406	3.9
Completed	1,369	4%	2	685	3.0
Total	38,551	100%	51	820	5.7

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 13.8 Major Projects Status, by Construction Subtype
Northeast Region



Note: Oil and Gas Extraction include Natural Gas Processing & Natural Gas Compressor

APPENDICES

Appendices

Appendix 1

New Proposed Projects (October - December 2018)			
Region	Municipality	Project	Estimated Cost (\$ million)
1. Vancouver Island/Coast	Langford	Condominium Development	60
	Nanaimo	Nanaimo Correctional Centre	
	Victoria	Student Housing	201
2. Mainland/Southwest	Coquitlam	Coquitlam Transfer Station	62
		The Sydney Condominium Tower	42
	Delta	Annacis Island Wastewater Treatment Plant Upgrades	50
	Langley	Gala Lowrise Condominium	20
	New Westminster	New Westminster Aquatics and Community Centre	103
	North Vancouver	Harry Jerome Recreation Centre	237
		Mountainside Secondary School Seismic Upgrade	24
		Belle Isle Townhomes	20
	Squamish	Scott Crescent Condominium	70
		Breeze Townhomes	20
		The Lauren Condominium	20
	Surrey	Central City 2 Office Building	80
		Centra Condominium Tower	28
		Headwaters Club Condominium	20
	Vancouver	UBC - Community Health and Fitness Centre	210
		UBC - Chemistry Laboratory Complex	196
		Brock Commons Student Residence - Phase 2	108
		UBC - Mathematics Building	106
		Highrise Mixed-use Development - 1780 East Broadway	80
		UBC - School of Biomedical Engineering Building	70
IntraUrban Evolution Industrial Park		20	
3. Thompson-Okanagan	Kelowna	Glenmore Secondary School	59
	Sicamous	RW Bruhn Bridge Replacement	225
6. North Coast	Prince Rupert	Fairview Container Terminal Expansion - Phase 2B	200
8. Northeast	Fort St. John	RCMP Detachment Building	43
Grand Total			2,374

APPENDICES

Appendix 2

Construction Started (October - December 2018)

Region	Municipality	Project	Completion Date	Estimated Cost (\$ Million)
1. Vancouver Island/Coast	Comox Area	Puntledge Recoat Penstock Project	2022-Q1	36
	Langford	McCallum Commercial Development	2020-Q4	18
	Victoria	Harbour Plaza and Walkway	2019-Q4	33
		Quadra Street Apartments	2020-Q4	15
		Ironworks Condominium	2019-Q4	20
		Bellewood Park Condominium Development	2019-Q4	20
2. Mainland/Southwest	Abbotsford	Roundhouse Townhouses	2019-Q2	21
	Burnaby	SFU - Student Residence Redevelopment	2020-Q4	120
		Bordeaux Condominium	2020-Q3	26
	Coquitlam	Village at Fraser Mills	2020-Q4	80
		Hensley Condominiums	2020-Q4	35
	Langley	Denby Townhomes	2019-Q4	20
		Yorkson Park West	2019-Q4	40
		The Georgia Lowrise Condominiums	2021-Q1	28
		The Landing at Langley City	2019-Q3	20
		Hudson & Singer Condominium	2020-Q4	30
	New Westminster	Pier One West Condominiums	2022-Q4	
	North Vancouver	Marine + Fell Lowrise Condominium	2019-Q4	20
	Squamish	Sirocco Development	2019-Q4	26
		Cheakamus Recoat Units 1 & 2 Penstock Project	2023-Q1	23
	Surrey	Maddaugh Road Elementary (former Clayton North #1) (Site 184)	2021-Q1	34
		Prime on the Plaza Condominium	2019-Q4	60
	Vancouver	Second + Main Condominiums	2020-Q3	40
		Avalon 3 Condominium	2021-Q4	50
		Davie & Nicola Condominium	2019-Q4	20
	White Rock	Miramar Village Phase 2	2020-Q3	45
Foster Martin Condominiums		2021-Q4	60	
Altus White Rock Condominiums		2020-Q4	23	
3. Thompson-Okanagan	Kamloops	Royal Inland Hospital Patient Care Tower	2024-Q4	417
6. North Coast	Kitimat	LNG Canada Load Interconnection Project	2021-Q1	82
		LNG Canada Facility	2025-Q4	36,000
8. Northeast	Fort St. John	North East Elementary School	2020-Q4	31
	Dawson Creek	Coastal GasLink Pipeline Project	2023-Q4	6,200
Grand Total				43,693

APPENDICES

Appendix 3

Construction Completed (October – December 2018)

Region	Municipality	Project	Estimated Cost (\$ million)
1. Vancouver Island/Coast	Campbell River	Campbell River Substation Capacity Upgrade	40
		Campbell River Trades Facility Replacement and Campus Consolidation	18
	Courtenay	Georges P. Vanier Secondary School	34
	Langford	Westshore Parkway Extension	23
	Saanich	Amica at the Gorge Senior Care Complex	21
	Victoria	Brookes Westshore Private School	25
	Malahat Village	Highway 1 - Malahat Highway Upgrade	34
2. Mainland/Southwest	Burnaby	Alpha Secondary School Seismic Upgrade	27
		Savile Row Townhouses	22
		Vittorio Condominium	30
	Coquitlam	Banting Middle School Replacement	25
	Delta	Highway 91 at 72nd Avenue Grade Separation	28
		Delta Link Business Centre	20
	Lillooet	Bridge River 2 - Strip and Recoat Penstock 1 Interior Project	26
	North Vancouver	Promenade at the Quay	25
	Surrey	Fleetwood Rise Townhomes	22
		South Ridge Club Condominiums	20
	Surrey Area	South Surrey Area Reinforcement Project	34
	Vancouver	34 W7 Office Building	20
		Parc Elise Apartment Condominium	20
		The Charleson Condominium	25
		The Grayson Townhouses	20
West Vancouver	Ambleside Condominium Development	20	
3. Thompson-Okanagan	Kamloops	Kamloops Substation	56
	Kelowna	Highway 97 Improvements - Highway 33 to Edwards Road	67
		Sopa Square Residential Development	25
		UBC - Okanagan Teaching and Learning Centre	35
		Okanagan Lake Second Crossing - Planning Study	
4. Kootenay	Nelson	Silver King Renewal - Trades Training Facility	22
5. Cariboo	Prince George	Highway 16 Bunce to Blackwater Widening	24
	Quesnel	College of New Caledonia - Heavy Mechanical Trades Centre	19
6. North Coast	Terrace	Trades Training Facility Renewal	18
8. Northeast	Dawson Creek	Saturn Compressor Facility Expansion	930
		Towerbirch Expansion Project	439
Grand Total			2214

APPENDICES

Appendix 4

Project Value and Project Status for each Industry Sector – (October – December 2018)

	Proposed	Construction started	Completed	On hold	Total
Oil and Gas	132,765	42,945	1,369	7,484	184,563
Utilities	14,229	16,026	156	5,594	36,005
Mining	21,063	301	-	13,967	35,331
Manufacturing	36,105	90	-	-	36,195
Residential	13,160	21,956	250	144	35,510
Mixed Use	4,723	11,038	-	1,000	16,761
Accommodation	7,878	4,424	-	1,356	13,658
Recreation	6,391	4,003	-	1,125	11,519
Roads & Highways	9,143	2,604	176	-	11,922
Other Infrastructure	4,750	2,963	-	150	7,863
Education	4,613	1,229	223	165	6,230
Health	3,363	2,334	-	-	5,697
Retail	650	2,848	-	-	3,498
Government & Other Institutional	179	1,635	-	-	1,814
Warehousing & Other Commercial	977	840	20	-	1,837
Office	352	130	20	80	582
Total	260,341	115,366	2,214	31,065	408,986

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	98	9	5	17	0	12	8	149
Mainland/South west	353	44	4	33	3	67	13	517
Thompson-Okanagan	54	10	3	19	1	11	5	103
Kootenay	10	0	7	3	0	1	5	26
Cariboo	5	3	6	7	1	2	0	24
North Coast	2	12	24	10	5	1	1	55
Nechako	1	1	12	4	0	2	0	20
Northeast	2	8	16	18	2	3	0	49
Total	525	87	77	111	12	99	32	943

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