

Image courtesy: BC Government

Phase 4 of the **Kicking Horse Canyon** project is underway now and has seen notable progress, with new infrastructure taking shape along this section of the Trans-Canada Highway. This \$601 million project is cost-shared between the B.C. government and the Government of Canada.

BRITISH COLUMBIA MAJOR PROJECTS INVENTORY

SECOND QUARTER 2022



Ministry of Advanced Education and Skills Training

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British Columbia Major Projects Inventory

Second Quarter 2022

Major Projects Inventory as of June 30, 2022.

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Report prepared by Workforce Innovation and Skills Training Division staff.

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About this Report

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

Detailed project listings are available in a searchable Excel database: <u>www.majorprojectsinventory.com</u>

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

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

Project identification	Project name, description, specific and regional location, geographic coordinates, developer, contact information, project type, and project category.
Project status	 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 peoples' agreements, the number of construction jobs and operating jobs.

Information collected in the MPI includes:

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

Sources of MPI Information

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

Project Location

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

Estimated Cost

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

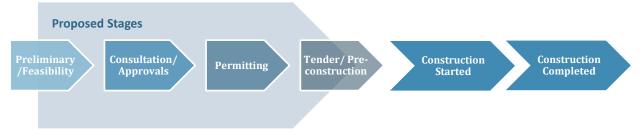
Start and Finish Dates

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

Project Status

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

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



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

Proposed

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

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

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

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

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

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

Sustainable Building Design

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

Indigenous Affiliation

Information related to Indigenous peoples' involvement in projects is based on news releases and published project information that is publicly available. The information is consistent with the information maintained in the Indigenous Business and Investment Council Database (BCIBIC: <u>https://biz.bcibic.ca/</u>).

Project Category

Project Category lists the seven industrial categories:

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

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

Environmental Assessment Stage

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

Latitude and Longitude

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

Telephone

Contact number of the project developer or representative.

Update Activity

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

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

1. B.C. Major Projects Highlights –Q2 2022

The estimated capital cost of all 963 major projects in the second quarter of 2022 decreased slightly from \$388.57 billion (B) in the first quarter of 2022 to \$388.18 B. Note: the total capital cost is the combined estimated value of projects identified as proposed, construction started, completed, and on hold excluding cancelled projects.

There were 31 new proposed projects over \$15 million (M) with available capital cost estimates totalling \$2.06 B if all the projects were to proceed. The potential capital investment for new projects has increased from \$1.68 B in the first quarter of 2022.

There were 26 projects that started construction in B.C., representing an estimated capital cost of \$1.58 B, down from the \$1.61 B reported in the first quarter of 2022. Twenty projects completed construction in the second quarter of 2022, with an estimated capital cost of \$1.11 B compared to \$2.67 B in the previous quarter.

There were 269 projects with public funding contributions with a total capital cost of \$74.12 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, 135 projects worth a total of \$33.91 B had provincial government funding contributions.

There were 57 projects with a total estimated cost of \$118.20 B involving Indigenous communities in capacities such as project owners, project partners or benefit agreements.

Major projects currently under construction in B.C. totalled \$135.98 B, slightly increase from \$135.39 B in the first quarter of 2022. Proposed projects totalled \$220.12 B, up slightly from \$219.55 B in the previous quarter. Several major project proposals listed were in very preliminary stages and were not approved for construction, therefore capital cost estimates should be viewed with caution. Projects with a total value of \$30.97 B were judged to be 'on hold' in the second quarter of 2022, decline from \$31.05 B from the previous quarter.

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

Figure 1 B.C. MPI Highlights

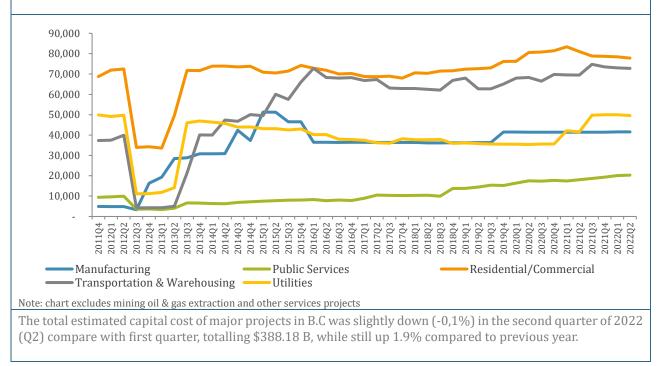
963	Number of total major projects
\$388.18 B	Value of all projects
525	Number of total proposed projects
\$220.12 B	Value of proposed projects
357	Number of projects under construction
\$135.98 B	Value of projects under construction
20	Number of projects completed
\$1.11 B	Value of projects completed
31	Number of new proposed projects
\$2.06 B	Value of newly proposed projects

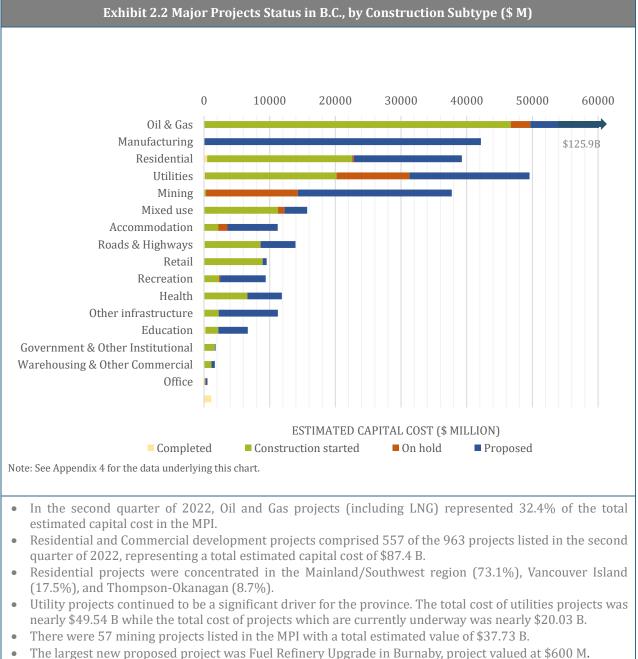
2. B.C. Major Projects Inventory – Q2 2022

By Project Category, Construction Type or Subtype

Project Category	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Change from the previous quarter	Change fron the previou yea
Mining, Oil & Gas Extraction	120,761	120,761	116,261	116,161	116,761	0.5%	-3.3%
Residential/Commercial	81,017	78,845	78,667	78,452	77,781	-0.9%	-4.0
Transportation & Warehousing	69,516	74,757	73,510	72,994	72,798	-0.3%	4.7
Manufacturing	41,387	41,417	41,417	41,559	41,559	0.0%	0.4
Utilities	41,580	49,721	49,992	49,976	49,564	-0.8%	19.2
Public Services	18,083	18,681	19,317	20,099	20,311	1.1%	12.3
Other Services	9,036	9,226	9,405	9,405	9,405	0.0%	4.1
Grand Total	381,380	393,408	388,569	388,646	388,179	-0.1%	1.8

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





• Public Infrastructure - The value of public funding contributions was \$74.12 B for 269 projects – across all levels of government. Of these, 135 projects worth a total of \$33.91 B had provincial government funding contributions. It is important to note that this figure reflects the total cost, not just the provincial contribution.

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

Construction	Vancouver	Mainland/	Thompson-	Kootenay	Cariboo	North	Nechako	Northeast	Total
Type & Subtype	Island/Coast	Southwest	Okanagan	KOOLEIIAY	Cariboo	Coast	Nechako	Northeast	TOLA
Residential Subtotal	12,663	32,096	8,286	80			100	20	53,245
Primarily residential - Single use	3,900	8,622	1,450						13,972
Residential Mixed Use	8,763	23,474	6,836	80			100	20	39,273
Commercial Subtotal	3,073	23,385	3,004	2,752	1,322	30		540	34,106
Commercial Mixed Use		1,730							1,730
Accommodation	2,090	4,675	1,224	2,302	940				11,231
Recreation	393	6,897	1,665	450					9,405
Retail	480	8,460	115					500	9,555
Office	70	458							528
Warehousing		165							165
Other Commercial	40	1,000			382	30		40	1,492
Industrial Subtotal	2,130	3,259	1,039	2,940	13,331	154,679	6,247	22,145	205,770
Mining	130	160	1,039	2,940	3,546	19,669	6,247	4,001	37,732
Oil & Gas	2,000	2,185			4,570	102,980		14,144	125,879
Manufacturing - Wood Products						30			30
Manufacturing - Petrochemical		600			5,200	32,000		4,000	41,800
Other Manufacturing		314			15				329
Institutional & Government Subtotal	4,984	12,149	869	168	897	657	158	429	20,311
Education	2,400	3,668	452	70	52	34			6,676
Health	985	8,350	417	98	845	623	158	378	11,854
Government buildings	1,599	131						51	1,781
Infrastructure Subtotal	8,050	32,897	4,300	653	1,199	5,580	432	21,636	74,747
Utilities	5,977	13,963	2,258	568	910	3,998	387	21,503	49,564
Roads & Highways	278	10,907	1,892	85	289	303	45	133	13,932
Other Transportation	1,795	8,027	150			1,279			11,251
Grand Total	30,900	103,786	17,498	6,593	16,749	160,946	6,937	44,770	388,179

	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Change from the previous quarter	Change from the previous year
Proposed	220,434	226,006	219,096	219,549	220,121	0.3%	-0.1%
Construction started	125,173	134,469	136,013	135,387	135,975	0.4%	8.6%
Completed	4,345	1,827	2,350	2,665	1,113	-58.2%	-74.4%
On hold	31,428	31,106	31,110	31,045	30,970	-0.2%	-1.5%
Total	381,380	393,408	388,569	388,646	388,179	-0.1%	1.8%

The value of completed projects increased from the fourth quarter of 2022 to \$2.67 B in Q1 2022. Notable projects completed was Ponderosa Residential Development (\$1 B) in Peachland.

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

	Estimated Capital Cost (SM)	Percentage of Total	Number of Projects	Average Project Value (\$ M)	Average Years in Inventory
Proposed	220,121	57%	525	474	6.5
Preliminary/Feasibility	59,807	15%	111	665	5.4
Consultation/Approvals	78,735	20%	233	382	7.4
Permitting	43,781	11%	42	1123	4.3
Tender/Preconstruction	16,121	4%	78	215	3.2
Stage Unknown	21,677	6%	61	401	10.9
On Hold	30,970	8%	61	574	13.6
Construction Started	135,975	35%	357	400	6.4
Completed	1113	0%	20	56	4.3
Total	388,179	100%	963	442	6.9

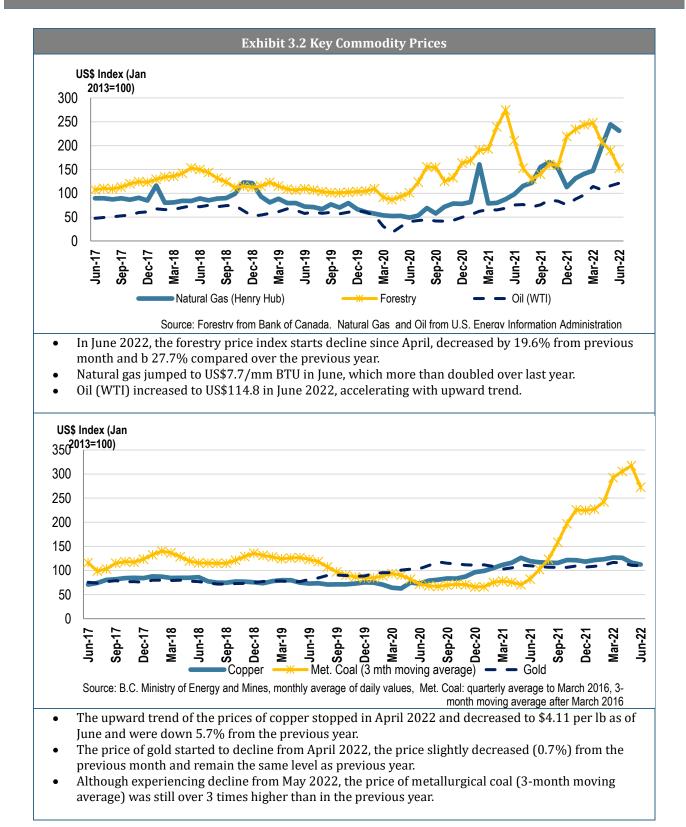
Note: Average project value is the average of those projects for which there is a cost estimate. An average year in inventory is the average time span between the projects as first recorded in the MPI and the current period. Regional details provided in Exhibit 2.6.

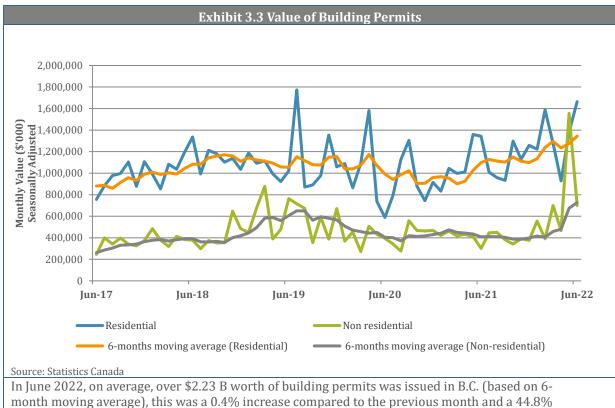
Development Region	Proposed	Construction started	Completed	On Hold		Total change from the previous quarter	Total change from the previous year
Vancouver Island/Coast	14,260	11,168	0	5,472	30,900	-0.2%	-1.0%
Mainland/ Southwest	57,047	45,484	883	372	103,786	0.9%	17.1%
Thompson-Okanagan	4,199	10,855	15	2,429	17,498	-7.5%	-7.1%
Kootenay	2,640	2,533	0	1,420	6,593	0.2%	-7.4%
Cariboo	11,907	4,742	0	100	16,749	0.0%	-0.3%
North Coast	111,084	37,766	115	11,981	160,946	0.0%	-3.3%
Nechako	4,317	425	0	2,195	6,937	0.6%	-0.5%
Northeast	14,667	23,002	100	7,001	44,770	0.0%	-1.5%
Total	220,121	135,975	1,113	30,970	388,179	-0.1%	1.8%

Exhibit 2.7 Estimated Cost Trends in B.C. Major Projects (\$ M) 500,000 450,000 400,000 Started 350,000 300,000 250,000 200,000 150,000 100,000 Proposed 50,000 0 Q2 Q4 Q2 2012 2012 2013 2013 2014 2014 2015 2015 2016 2016 2017 2017 2018 2018 2019 2019 2020 2020 2021 2021 2022 Proposed Construction Started Construction Completed on Hold

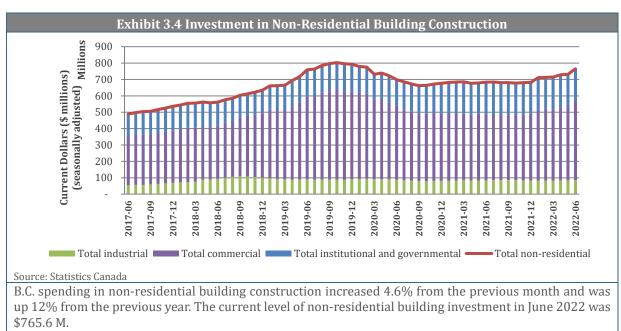
3. B.C. Economy

Exhibit 3.1 Economic Activity - 2022 Q2										
	2021	2022	2023	2024						
Real GDP	+5.0 %	+4.0%	+2.5 %	+2.1 %						
Source: B.C. Budget and Fiscal Plan 2022/23	- 2024/25									
Jun-22	Amount	Change from previous month	Change from previous year	Data Type						
Retail trade (\$ M)	8,565	1.1%	3.5%	seasonally adjusted						
Manufacturing sales (\$ M)	5,663	-1.4%	1.5%	seasonally adjusted						
Residential - building permits (\$ M)	1,501	-12.9%	60.8%	seasonally adjusted						
Residential - housing starts (units)	55,997	34.6%	-15.9%	seasonally adjusted at annual rates						
Non-Residential building permits (\$ M)	534	-36.1%	39.9%	seasonally adjusted						
Exports - all merchandise (\$ M)	6,043	-5%	15.2%	seasonally adjusted						
	Pri	ces								
B.C. Consumer price index (2002=100)	146.5	1.3%	2.4%	not seasonally adjusted						
Exchange rate	US 0.78	0.3%	-4.6%	not seasonally adjusted						
Average 5-year residential mortgage rate	5.05%	0.42p.p.	1.79p.p.	not seasonally adjusted						
	Labour	Market								
Employment	2,747,000	0.2%	3.3%	seasonally adjusted						
Unemployment rate	4.6%	0.1p.p.	-1.8p.p.	seasonally adjusted						
Participation rate	65.1%	0.2p.p.	-0.4p.p.	seasonally adjusted						
Average weekly earnings (current dollars)	1153.01	0.9%	4.1%	not seasonally adjusted						

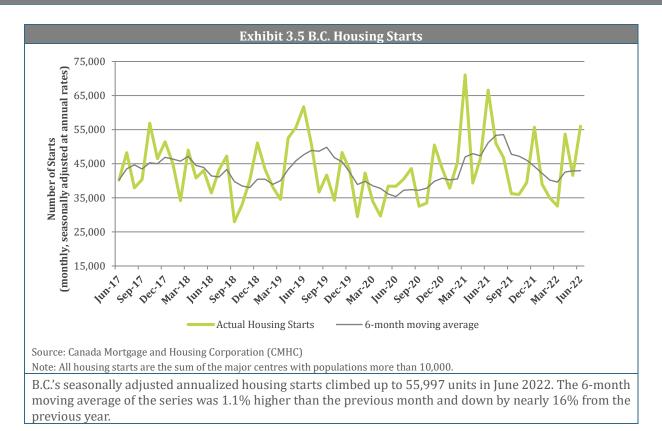


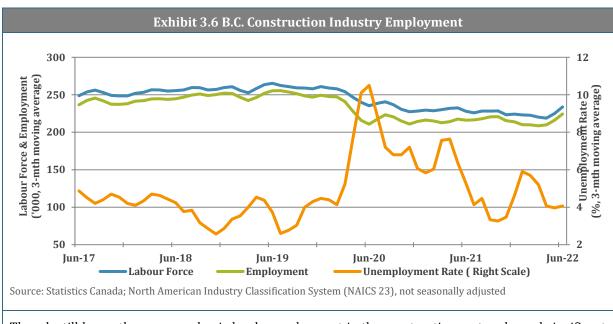


increase compared to the same month in the previous year.

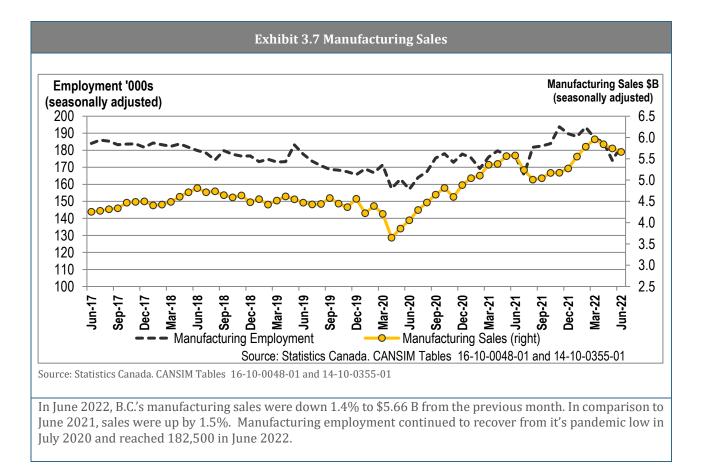


Note that this is building investment only and does not include infrastructure investment.

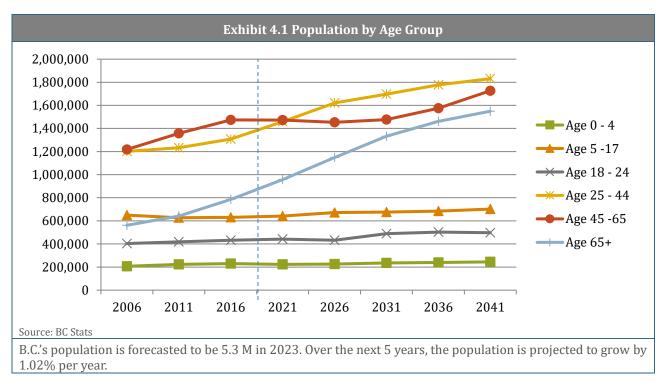




Though still lower than pre-pandemic levels, employment in the construction sector showed significant increase in June 2022. Compared to 12 months earlier, employment was up 3.9% while the labour force reported a 2.5% increase.



B.C. DEMOGRAPHICS

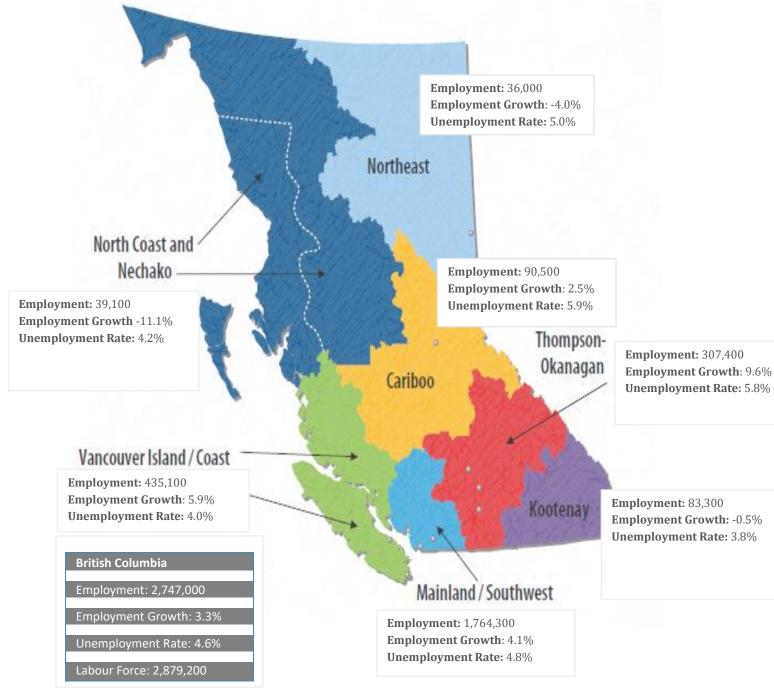


4. B.C. Demographics

REGIONAL SUMMARIES

5. Regional Summaries

Regional Labour Market Statistics – June 2022

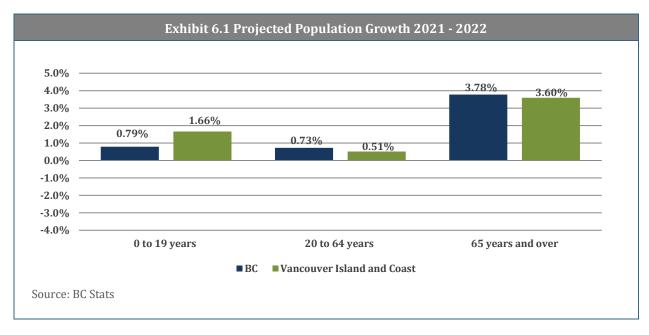


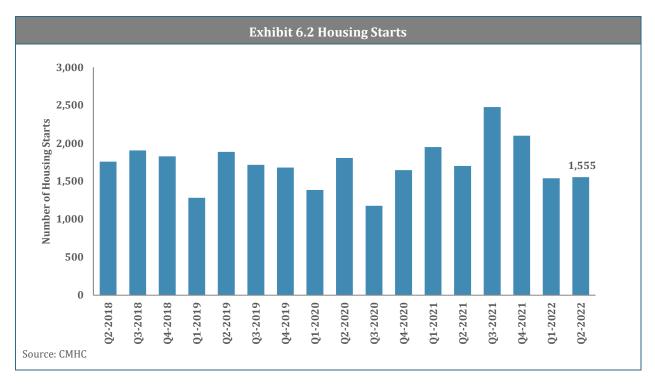
Note: Employment growth is over the previous 12 months. Data for B.C. at the provincial level is seasonally adjusted. Data for the regions is not seasonally adjusted and is based on 3-month moving averages. This means that the data at the provincial level is not directly comparable to the regional data,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

VANCOUVER ISLAND/COAST REGION

6. Vancouver Island/Coast Region

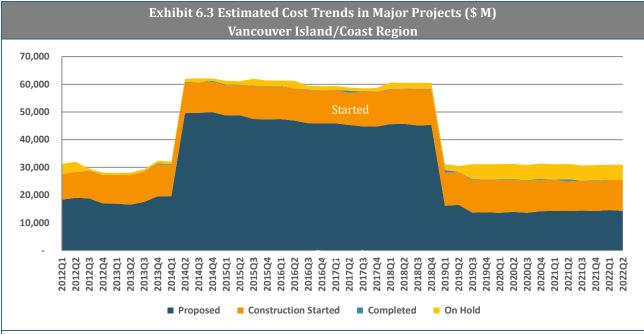
Key Economic Indicators





VANCOUVER ISLAND/COAST REGION

Trends in Major Projects



• In Q2 2022, the Vancouver Island/Coast region had a total of 150 major projects with a combined value of \$30.9 B – a 0.2% decrease from the first quarter of 2022 and 1% from the previous year.

- There were 4 newly proposed projects added to the MPI this quarter: Mateah Condominium (\$45 M), Douglas & Discovery Condominium (\$32 M) and Millstream Condominium (\$20 M) in Victoria and École Élémentaire Beausoleil (\$16 M) in Saanich.
- There were 6 projects that began construction in this quarter, the top project is Michigan Square Lowrise Affordable Housing (\$32 M) in Victoria. See more projects underway in Appendix 2.

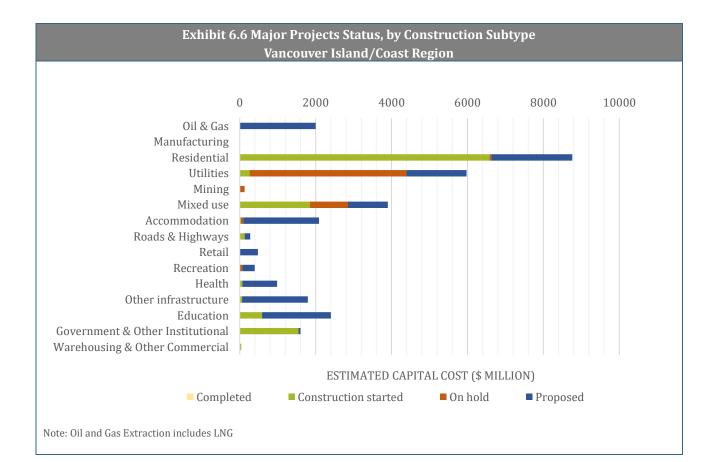
Status	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Change from the previous quarter	Change from the previous yea
Proposed	14,194	14,392	14,197	14,549	14,260	-2.0%	0.5%
Construction started	10,654	10,839	10,754	10,897	11,168	2.5%	4.8%
Completed	860	43	329	56	0	-100.0%	-100.0%
On hold	5,508	5,428	5,497	5,472	5,472	0.0%	-0.7%
Total	31,216	30,702	30,777	30,974	30,900	-0.2%	-1.0%

Exhibit 6.5 Summary of Major Projects (by Project Status)

VANCOUVER ISLAND/COAST REGION

Exhibit 6.5 Summary of Major Projects (by Project Status) Vancouver Island/Coast Region 14,260 46.1% 66 216.1 7.5 Proposed 2,864 9.3% 9 318.2 7.6 Preliminary/Feasibility 5,562 18.0% 30 185.4 7.4 **Consultation/Approvals** 1,287 4.2% 8 160.9 4.4 Permitting 4.1% 8 158.4 1,267 3.2 **Tender/Preconstruction** 3,280 10.6% 298.2 11 12.5 Stage Unknown 5472 17.7% 13 420.9 12.8 On hold 11,168 36.1% 183.1 61 7.2 **Construction started** 0 0.0% 0 0.0 0.0 Completed 100.0% 30,900 140 220.7 7.9 Total

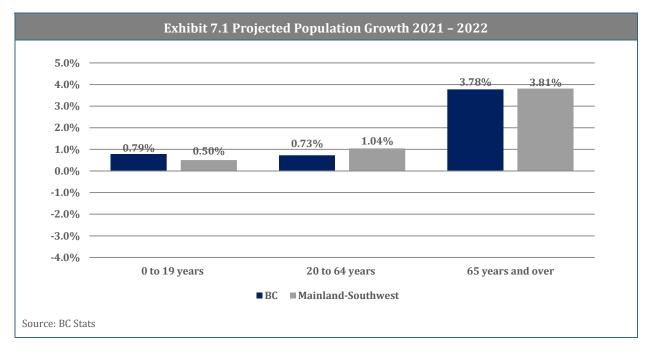
Notes: Average project value is the average of those projects for which there is a cost estimate. Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.



MAINLAND/SOUTHWEST REGION

7. Mainland/Southwest Region

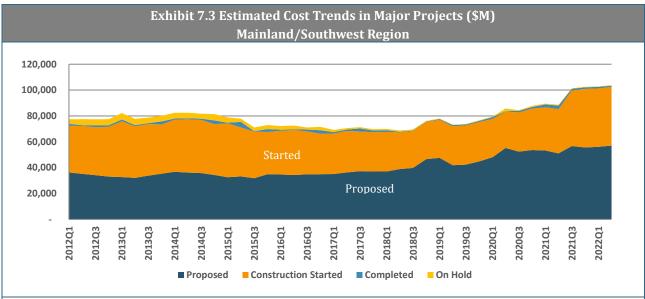
Key Economic Indicators





MAINLAND/SOUTHWEST REGION

Trends in Major Projects



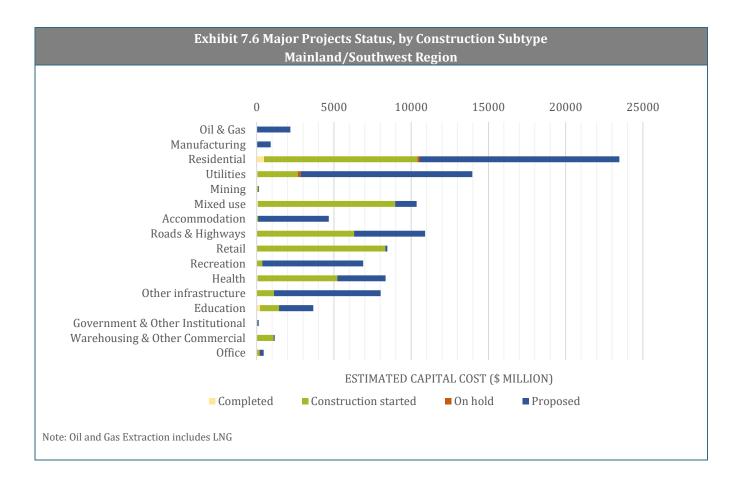
- In Q2 2022, the Mainland/Southwest region had a total of 530 major projects with a combined value of \$103.8 B, representing a 0.9% increase from the previous quarter and a 17.1% increase compared to the previous year.
- There were 24 newly proposed projects added to the MPI this quarter. The three top valued projects were: Fuel Refinery Upgrade (\$600 M) in Burnaby, Vancouver General Hospital - Operating Room Renewal (Phase 2) (\$332 M) in Vancouver, and E Children and Youth Complex Care Centre (\$222 M) in Vancouver. See more new projects in Appendix 1.
- Sixteen major projects were completed in the second quarter. Notable projects were District Condominium (\$230 M) in Langley, UBC tə šx^whəleləms tə k^waxk^wə?a?ł (formerly Pacific Residence) (\$165 M) in Vancouver and Solo District Mixed-Use Highrise Development (\$80 M) in Burnaby. See more completed projects in Appendix 3.
- Eighteen major projects began construction this quarter, \$235 M Highway 1 Widening 216 Street to 264 Street in North Vancouver, Holland Park Residential Development (\$200 M) in Surrey and Gateway Building (Nursing, Kinesiology, UBC Health & Integrated Student Health Services) (\$190 M) in Vancouver are top-value projects in this quarter. See more projects underway in Appendix 2.
- The George Marine Resort Hotel and Residential Development in Gibson was on hold in this quarter.

Exhibit 7.4 Estimated Cost Trends in Major Projects, by Project Status (\$ M) Mainland/Southwest Region											
Status	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Change from the previous quarter	Change from the previous year				
Proposed	51,035	56,750	55,625	56,099	57,047	1.7%	11.8%				
Construction started	34,222	43,072	45,250	45,141	45,484	0.8%	32.9%				
Completed	2,754	1,212	1,314	1,226	883	-28.0%	-67.9%				
On hold	594	352	332	372	372	0.0%	-37.4%				
Total	88,605	101,386	102,521	102,838	103,786	0.9%	17.1%				

MAINLAND/SOUTHWEST REGION

Exhibit 7.5 Summary of Major Projects (by Project Status) Mainland/Southwest Region Proposed 57,047 55% 273 209 5.1 Preliminary/Feasibility 16,219 16% 52 312 4.8 **Consultation/Approvals** 25,041 24% 114 220 6.0 4% 24 Permitting 3.758 157 3.0 **Tender/Preconstruction** 3,201 3% 56 57 2.4 Stage Unknown 8,828 9% 27 327 9.4 On Hold 372 0% 9 9.8 41 **Construction Started** 45,484 44% 184 247 5.1 Completed 883 1% 16 55 4.5 103,786 100% 482 215 Total 5.2

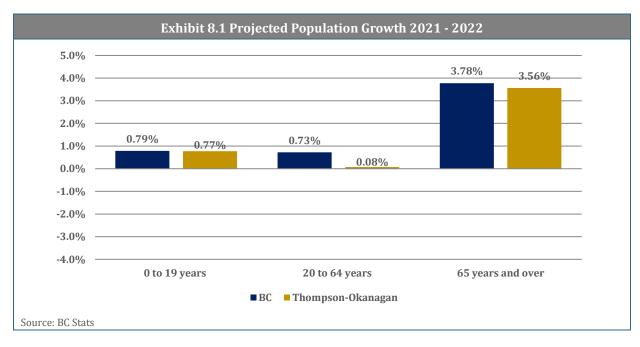
Notes: Average project value is the average of those projects for which there is a cost estimate. Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.



THOMPSON - OKANAGAN REGION

8. Thompson - Okanagan Region

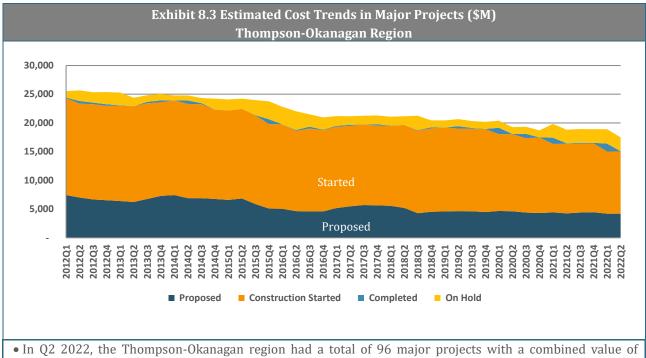
Key Economic Indicators





THOMPSON - OKANAGAN REGION

Trends in Major Projects



• In Q2 2022, the Thompson-Okanagan region had a total of 96 major projects with a combined value of \$17.5 B, decrease of 7.5% and 7.1% compared to the previous quarter and previous year.

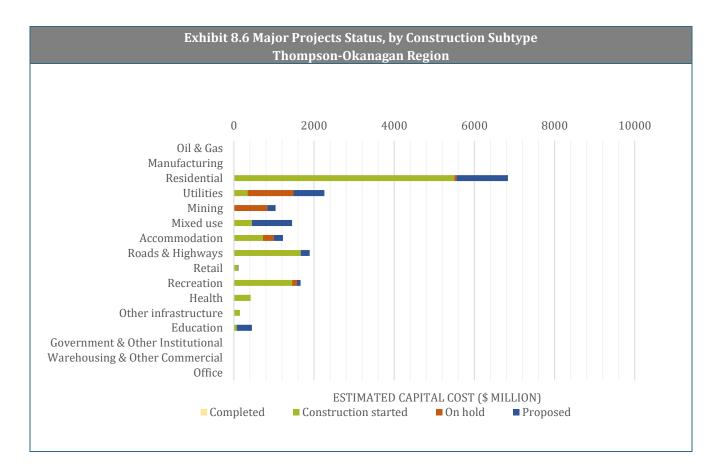
- There were 2 newly proposed projects added to the MPI this quarter, Dr. Knox Middle School Expansion (\$20 M) in Kelowna and Pleasant Valley Secondary school gym replacement project (\$16 M) in Salmon Arm.
- Keremeos Affordable Housing (\$15 M) in Keremeos was completed in this quarter.
- Movala Condominium (\$46 M) in Kelowna began construction in this quarter.

Exhibit 8.4 Estimated Cost Trends in Major Projects, by Project Status (\$ M) **Thompson-Okanagan Region** Proposed 4,258 4,397 4,436 4,204 4,199 -0.1% -1.4% **Construction started** 12,104 11,968 11,983 10,824 10,855 0.3% -10.3% Completed 91 186 110 1,383 15 -98.9% -83.5% On hold 2,384 2,384 2,384 2,504 2,429 -3.0% 1.9% Total 18,837 18,935 18,913 18,915 17,498 -7.5% -7.1%

THOMPSON - OKANAGAN REGION

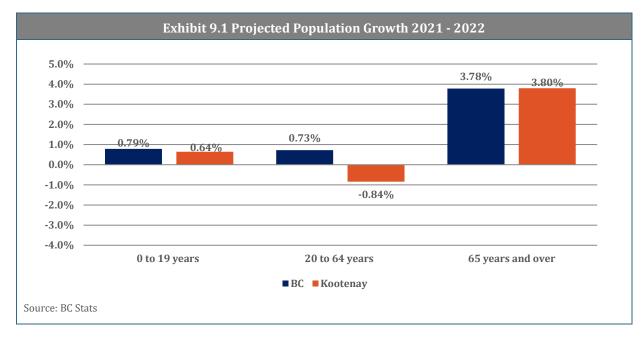
Exhibit 8.5 Summary of Major Projects (by Project Status) Thompson-Okanagan Region												
	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory							
Proposed	4,199	24%	33	127	7.5							
Preliminary/Feasibility	1,174	7%	13	90	4.2							
Consultation/Approvals	2,526	14%	12	211	10.6							
Permitting	150	1%	1	150	17.3							
Tender/Preconstruction	110	1%	3	37	0.7							
Stage Unknown	239	1%	4	60	11.9							
On hold	2,429	14%	8	304	15.9							
Construction started	10,855	62%	46	236	9.9							
Completed	15	0%	1	15	1.8							
Total	17,498	100%	88	199	9.4							

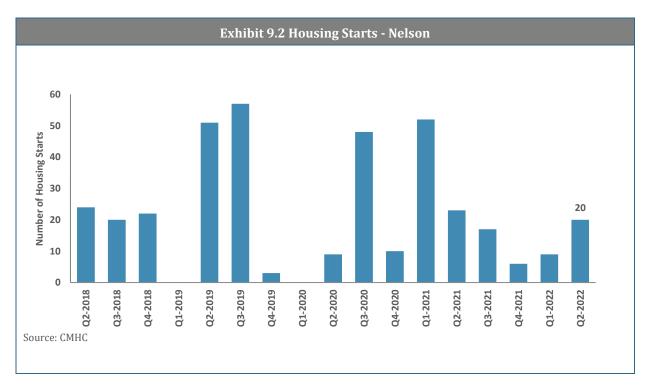
Notes: Average project value is the average of those projects for which there is a cost estimate. Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.



9. Kootenay Region

Key Economic Indicators





KOOTENAY REGION

Trends in Major Projects

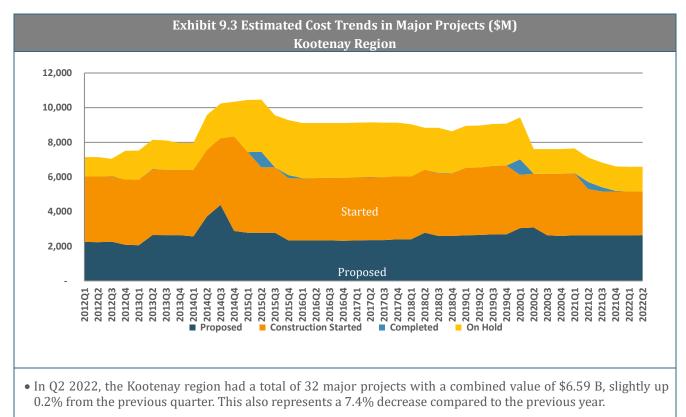


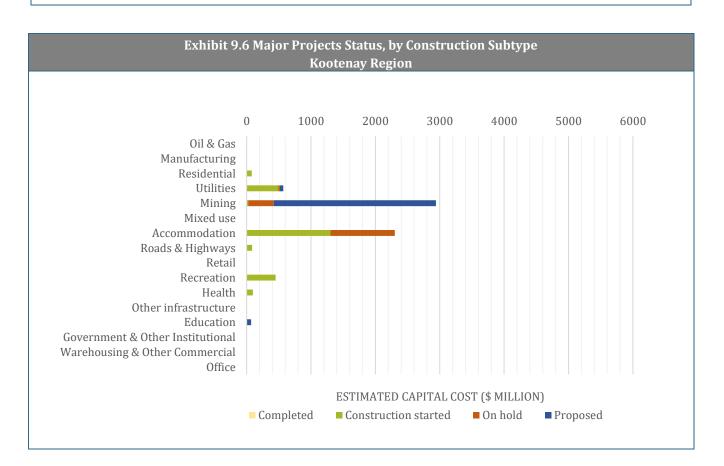
Exhibit 9.4 Estimated Cost Trends in Major Projects, by Project Status (\$M) Kootenay Region									
Status	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Change from the previous quarter	Change from the previous year		
Proposed	2,628	2,629	2,629	2,629	2,640	0.4%	0.5%		
Construction started	2,674	2,532	2,533	2,533	2,533	0.0%	-5.3%		
Completed	400	250	32	0	0	n/a	-100.0%		
On hold	1,420	1,420	1,420	1,420	1,420	0.0%	0.0%		
Total	7,122	6,831	6,614	6,582	6,593	0.2%	-7.4%		

KOOTENAY REGION

Exhibit 9.5 Summary of Major Projects (by Project Status) Kootenay Region

Rootenay Region								
	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory			
Proposed	2,640	40%	7	377	7.7			
Preliminary/Feasibility	0	0%	0	0	0.0			
Consultation/Approvals	2,520	38%	4	630	11.8			
Permitting	0	0%	0	0	0.0			
Tender/Preconstruction	70	1%	2	35	1.1			
Stage Unknown	50	1%	1	50	12.6			
On hold	1,420	22%	3	473	16.0			
Construction started	2,533	38%	19	133	11.7			
Completed	0	0%	0	0	0.0			
Total	6,593	100%	29	227	10.8			

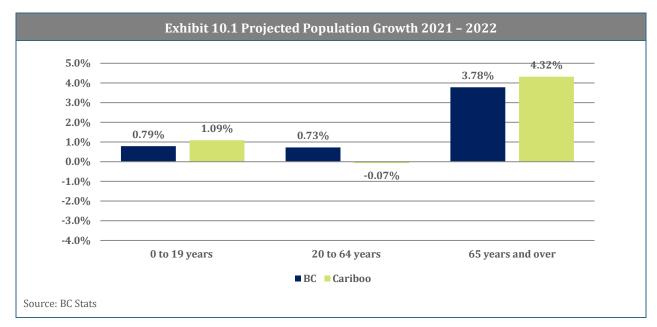
Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.

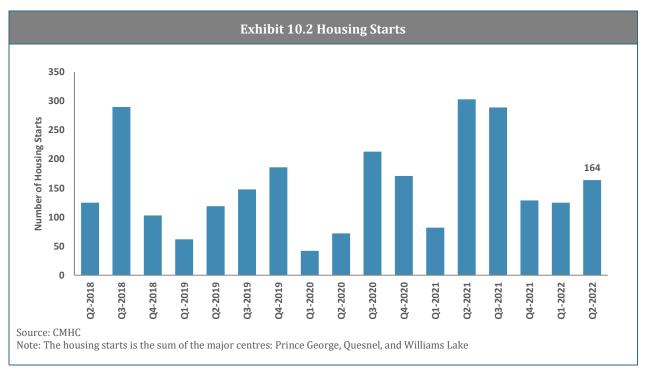


CARIBOO REGION

10. Cariboo Region

Key Economic Indicators





CARIBOO REGION

Trends in Major Projects

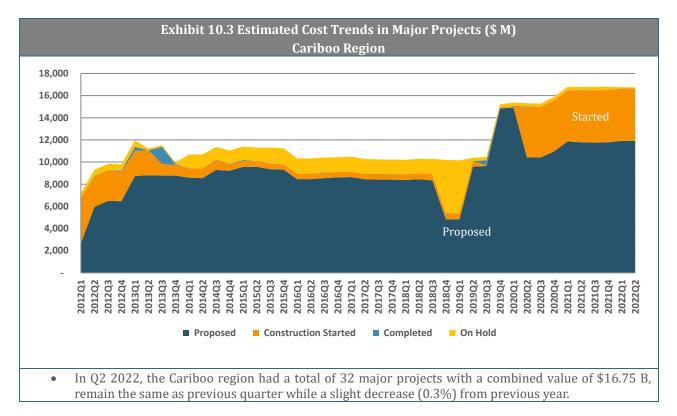


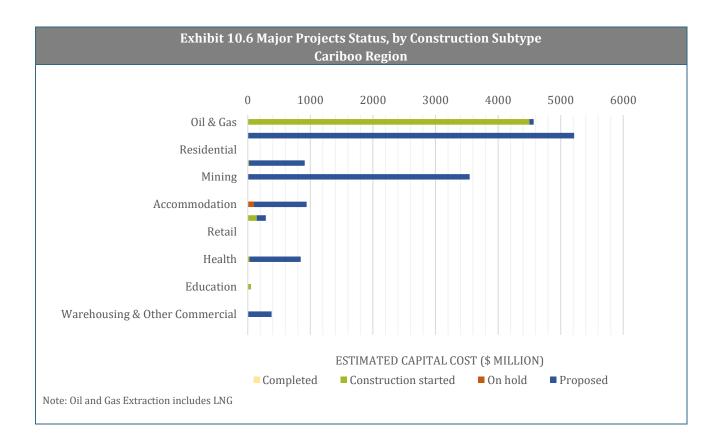
Exhibit 10.4 Estimated Cost Trends in Major Projects, by Project Status (\$M) Cariboo Region									
Status	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Change from the previous quarter	Change from the previous year		
Proposed	11,780	11,761	11,782	11,907	11,907	0.0%	1.1%		
Construction started	4,702	4,721	4,721	4,742	4,742	0.0%	0.9%		
Completed	20	0	0	0	0	n/a	n/a		
On hold	300	300	300	100	100	0.0%	-66.7%		
Total	16,802	16,782	16,803	16,749	16,749	0.0%	-0.3%		

CARIBOO REGION

Exhibit 10.5 Summary of Major Projects (by Project Status) Cariboo Region

	Estimated Capital	Percentage of	Number of	Average Project	Average Year in
	Cost (\$ million)	Total	Projects	Value (\$ million)	Inventory
Proposed	11,907	71%	21	567	9.3
Preliminary/Feasibility	7,092	42%	6	1,182	5.9
Consultation/Approvals	4,685	28%	11	426	9.7
Permitting	0	0%	0	0	0.0
Tender/Preconstruction	60	0%	1	60	23.3
Stage Unknown	70	0%	3	23	13.3
On hold	100	1%	1	100	22.3
Construction started	4,742	28%	7	677	4.3
Completed	0	0%	0	0	0.0
Total	16,749	100%	29	578	8.6

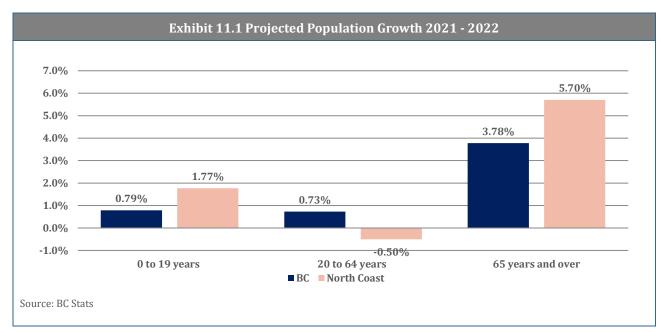
Notes: Average project value is the average of those projects for which there is a cost estimate. Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.

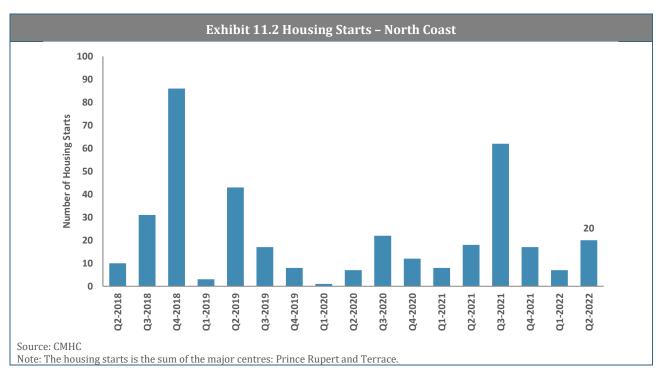


NORTH COAST REGION

11. North Coast Region

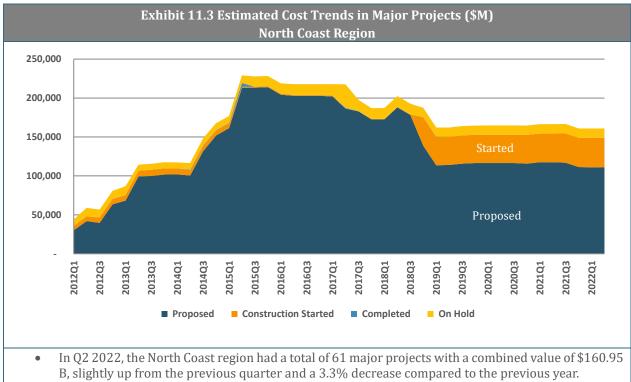
Key Economic Indicators





NORTH COAST REGION

Trends in Major Projects



- Old Skeena Bridge Rehabilitation (\$23 M) in Terrace is newly proposed project in this quarter.
- Fairview Ridley Connector Corridor (\$115 M) in Prince Rupert was completed in this quarter.

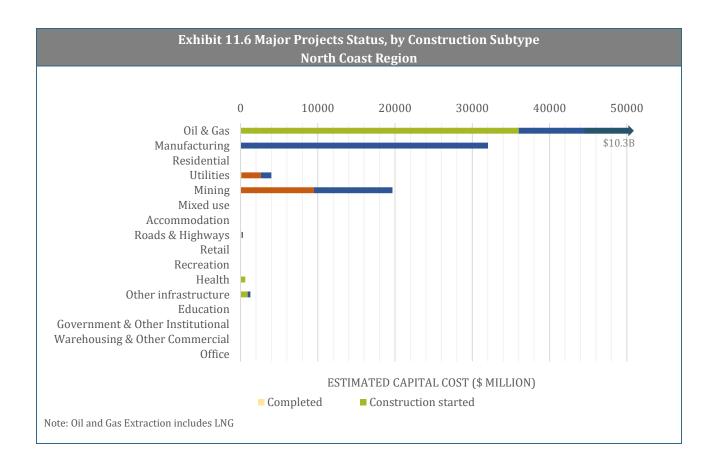
Exhibit 11.4 Estimated Cost Trends in Major Projects, by Project Status (\$M) North Coast Region									
Status	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Change from the previous quarter	Change from the previous year		
Proposed	117,442	116,977	111,327	111,061	111,084	0.0%	-5.4%		
Construction started	36,953	37,505	37,505	37,881	37,766	-0.3%	2.2%		
Completed	0	104	0	0	115	n/a	n/a		
On hold	11,981	11,981	11,981	11,981	11,981	0.0%	0.0%		
Total	166,376	166,567	160,813	160,923	160,946	0.0%	-3.3%		

NORTH COAST REGION

Exhibit 11.5 Summary of Major Projects (by Project Status) North Coast Region

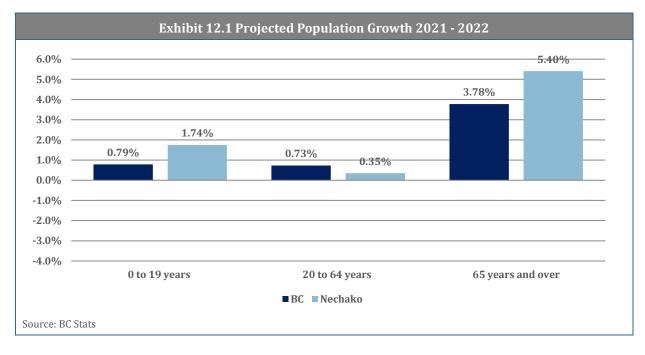
	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory
Proposed	111,084	69%	32	3,471	9.1
Preliminary/Feasibility	29,083	18%	7	4,155	8.2
Consultation/Approvals	29,823	19%	16	1,864	9.4
Permitting	35,650	22%	3	11,883	7.0
Tender/Preconstruction	11,323	7%	3	3,774	8.6
Stage Unknown	5,205	3%	3	1,735	11.1
On hold	11,981	7%	7	1,712	15.6
Construction started	37,766	23%	11	4,167	3.6
Completed	115	0%	1	115	2.3
Total	160,946	100%	51	3,156	9.0

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



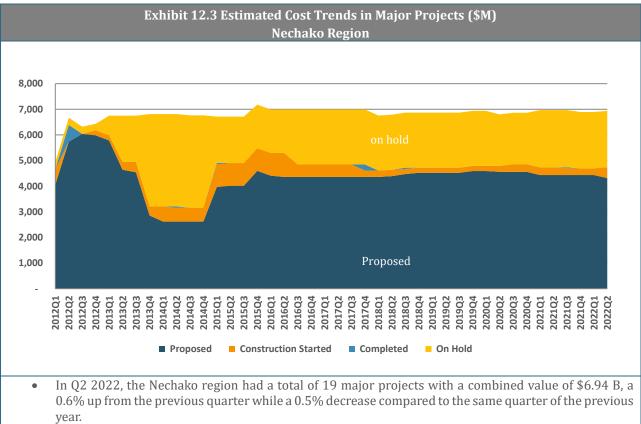
12. Nechako Region

Key Economic Indicators



NECHAKO REGION

Trends in Major Projects



• Stuart Lake Hospital Replacement (\$158 M) in Fort St. James started construction in this quarter.

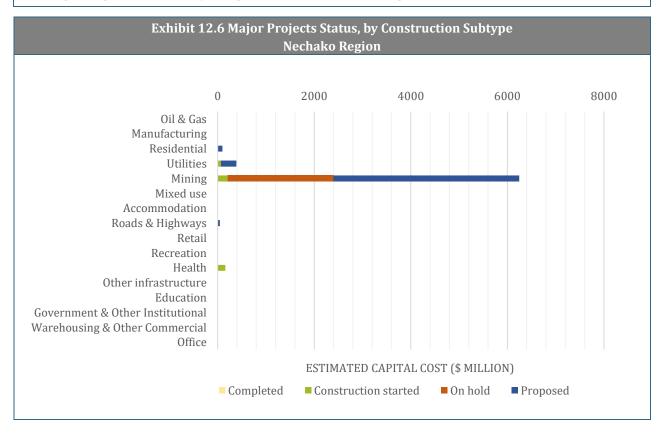
Exhibit 12.4 Estimated Cost Trends in Major Projects, by Project Status (\$M) Nechako Region										
Status	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Change from the previous quarter	Change from the previous year			
Proposed	4,433	4,433	4,433	4,433	4,317	-2.6%	-2.6%			
Construction started	299	267	267	267	425	59.2%	42.1%			
Completed	0	32	0	0	0	n/a	n/a			
On hold	2,240	2,240	2,195	2,195	2,195	0.0%	-2.0%			
Total	6,972	6,972	6,895	6,895	6,937	0.6%	-0.5%			

NECHAKO REGION

Exhibit 12.5 Summary of Major Projects (by Project Status)

		Nechako Reg	gion		
	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory
Proposed	4,317	63%	11	392	12.8
Preliminary/Feasibility	875	13%	2	438	15.6
Consultation/Approvals	676	10%	6	113	11.3
Permitting	1,416	21%	1	1,416	10.1
Tender/Preconstruction	50	1%	1	50	18.3
Stage Unknown	1,300	19%	1	1,300	12.8
On hold	2,195	32%	4	549	18.0
Construction started	425	6%	3	142	5.4
Completed	0	0%	0	0	0.0
Total	6,895	100%	18	383	12.5

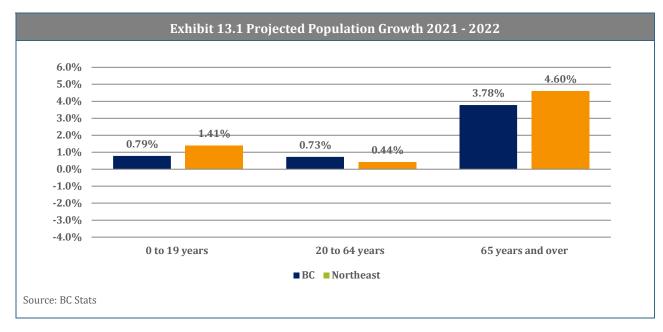
Notes: Average project value is the average of those projects for which there is a cost estimate. Average number of years in inventory is the average time span between the entry of the projects in the MPI and the current period.

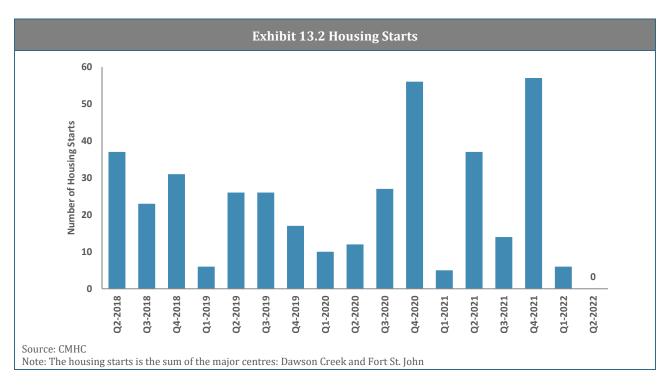


NORTHEAST REGION

13. Northeast Region

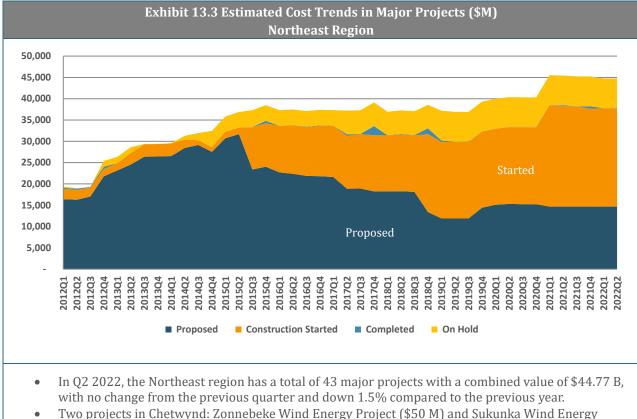
Key Economic Indicators





NORTHEAST REGION

Trends in Major Projects



 Two projects in Chetwynd: Zonnebeke Wind Energy Project (\$50 M) and Sukunka Wind Energy Project (\$50 M) were completed in this quarter.

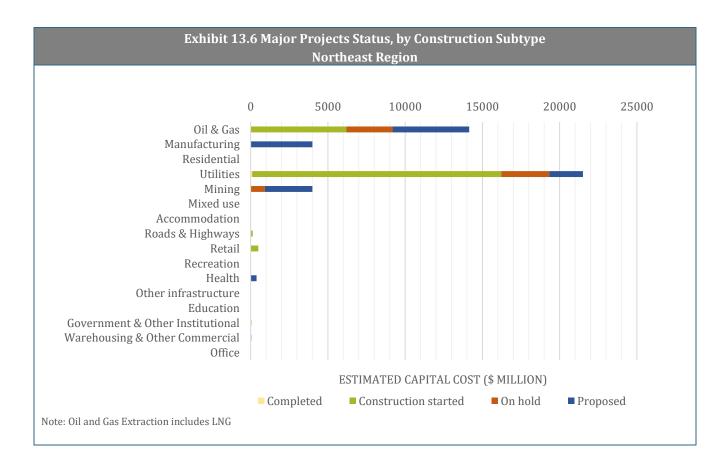
Exhibit 13.4 Estimated Cost Trends in Major Projects, by Project Status (\$M) Northeast Region										
Status	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Change from the previous quarter	Change from the previous year			
Proposed	14,664	14,667	14,667	14,667	14,667	0.0%	0.0%			
Construction started	23,565	23,565	23,000	23,102	23,002	-0.4%	-2.4%			
Completed	220	0	565	0	100	n/a	-54.5%			
On hold	7,001	7,001	7,001	7,001	7,001	0.0%	0.0%			
Total	45,450	45,233	45,233	44,770	44,770	0.0%	-1.5%			

NORTHEAST REGION

Exhibit 13.5 Summary of Major Projects (by Project Status)

Northeast Region								
	Estimated Capital Cost (\$ million)	Percentage of Total	Number of Projects	Average Project Value (\$ million)	Average Year in Inventory			
Proposed	14,667	33%	21	698	9.5			
Preliminary/Feasibility	2,500	6%	1	2,500	2.6			
Consultation/Approvals	7,902	18%	13	608	10.1			
Permitting	1,520	3%	2	760	5.1			
Tender/Preconstruction	40	0%	1	40	9.1			
Stage Unknown	2,705	6%	4	676	11.3			
On hold	7,001	16%	9	778	11.8			
Construction started	23,002	51%	9	2,556	6.6			
Completed	100	0%	2	50	4.6			
Total	44,770	100%	41	1,092	9.1			

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.



Appendices

			Estimate
	Municipality	Project	Со
	Saanich	École Élémentaire Beausoleil	(\$ Millio
	Victoria		
Vancouver Island/Coast		Mateah Condominium	
		Douglas & Discovery Condominium	
	Abbatafard	Millstream Condominium	-
	Abbotsford Burnaby	Student Housing	6
		Fuel Refinery Upgrade	0
	Coquitlam	O2 Highrise Condominium Alina Condominium	
		Band Condominium	
		Terrayne Townhouses	
		Florin Condominium	
	Longlov		
	Langley New Westminster	Peter Ewart Middle School Expansion	
		First and Royal Condominium	
	North Vancouver Surrey	Baden Park Condominiums Viva Condominium	
		Piano Condominium	· · ·
Mainland/Southwest		Physical Therapy Training Expansion	:
		Hartley Condominiums	
		The Passages Condominium	
		Onyx & Ivory Lowrise Condominium	
	Vancouver	7510 Cambie Street Condos	
		Children and Youth Complex Care Centre	2:
		Vancouver General Hospital - Operating Room Renewal (Phase 2)	33
		Cambie & 43rd Condominium	
		Oku Condominiums	
		Curv Highrise Condominium	
		Frame Highrise Condominium	
	West Vancouver	Wentworth Condominium	
	Kelowna	Dr. Knox Middle School Expansion	
Thompson-Okanagan	Salmon Arm	Pleasant Valley Secondary	
North Coast	Terrace	Old Skeena Bridge Rehabilitation	
Total			2,05

Region	Municipality	Project	Completion Date	Estimated Cost (\$ Million)
	Comox	Providence Living Place Seniors Housing	2024-Q4	24
	Saanich	The Affinity Lowrise Condominium	2023-Q4	16
Veneeuwen leien d/Ceeet	Victoria	Cadence Condominium		20
Vancouver Island/Coast		The Wedge Condominium	2023-Q4	25
		Michigan Square Lowrise Affordable Housing	2023-Q4	34
		Nest by Chard Condominium	2024-Q4	32
	Burnaby	Nuvo Highrise Condominium	2022-Q4	65
		The Standard Condominium	2024-Q4	65
	Coquitlam	West on Austin	2024-Q4	38
		Smith & Farrow Condominium	2024-Q4	6
		Forester at Burke Mountain	2023-Q3	
		Vue Highrise Condominium	2024-Q4	6
		Port & Mill Condominium	2023-Q3	34
	Langley	Highway 1 Widening - 216 Street to 264 Street	2024-Q4	23
	Port Moody	Moody Yards Condominiums	2023-Q3	20
Mainlan 1/0 authors at	Richmond	Luxe Landsdowne	2025-Q2	68
Mainland/Southwest	Surrey	King George Boulevard Condominiums	2023-Q4	6
		Hendrix Condominium	2022-Q4	
		The Grand Condominium Holland Park Residential	2024-Q4	60
	Vancouver	Development	2025-Q3	200
	Vancouver	Henry Hudson Elementary School Replacement	2024-Q3	4
		Gateway Building (Nursing, Kinesiology, UBC Health & Integrated Student Health Services)	2024-Q3	190
	West Vancouver	LM-NSC-088 Glenmore Voltage Conversion Project	2024-Q2	23
	White Rock	Monaco Condominium	2024-Q2	
hompson-Okanagan	Kelowna	Movala Condominium	2025-Q4	46
Nechako	Fort St. James	Stuart Lake Hospital Replacement	2024-Q4	158

	Construction Com	pleted (April – June 2022)	
Region:	Municipality:	Project:	Estimated Cost (\$ Million)
	Abbotsford	Elmstone Condominium	26
	Burnaby	Barnard 50/60 Feeder Section Replacement Project	48
		Solo District Mixed-Use Highrise Development	80
	Coquitlam	Irvine Elementary School Replacement	27
	Langley	Union Park Condominium	35
		Yorkson Park West	40
		District Condominium	230
		Westbrooke at Willoughby	28
Mainland/Southwest	Mission	Wren + Raven Condominiums	30
	North Vancouver	Mountainside Secondary School Seismic Upgrade	24
	Port Coquitlam	Montrose Square	40
	Port Moody	Eagle Ridge Hospital Emergency Expansion	38
	Surrey	Belvedere Mixed Use Development	30
	Vancouver	UBC - tə šxʷhəleləṁs tə k̈̀ʷaʎkʷəʔaʔł (formerly Pacific Residence)	165
		Vancouver General Hospital - Food Services Redesign	22
		Habitat Lowrise Condominium	20
Thompson-Okanagan	Keremeos	Keremeos Affordable Housing	15
North Coast	Prince Rupert	Fairview - Ridley Connector Corridor	115
Northeast	Chetwynd	Zonnebeke Wind Energy Project	50
		Sukunka Wind Energy Project	50
Total			1,113

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Project Value and Project Status for each Industry	V Sector LADRIL – Mine ZUZZI
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			-		
Category	Proposed	Construction started	Completed	On hold	Total
Oil & Gas	76,195	46,700	0	2,984	125,879
Manufacturing	42,129	30	0	0	42,159
Residential	16,472	22,063	494	244	39,273
Utilities	18,285	20,051	148	11,080	49,564
Mining	23,440	325	0	13,967	37,732
Mixed use	3,432	11,190	80	1,000	15,702
Accommodation	7,657	2,153	0	1,421	11,231
Roads & Highways	5,306	8,511	115	0	13,932
Retail	615	8,940	0	0	9,555
Recreation	6,946	2,265	0	194	9,405
Health	5,244	6,550	60	0	11,854
Other infrastructure	9,002	2,249	0	0	11,251
Education	4,482	1,978	216	0	6,676
Government & Other Institutional	124	1,657	0	0	1,781
Warehousing & Other Commercial	522	1,135	0	0	1,657
Office	270	178	0	80	528
Total	220,121	135,975	1,113	30,970	388,179

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	87	10	4	18	0	25	6	150			
Mainland/Southwest	357	35	7	30	4	66	15	514			
Thompson- Okanagan	49	11	3	17	0	10	5	95			
Kootenay	10	1	8	7	0	4	2	32			
Cariboo	5	5	8	7	3	4	0	32			
North Coast	2	15	24	12	4	3	0	60			
Nechako	1	1	13	3	0	1	0	19			
Northeast	3	6	14	14	2	2	0	41			
Total	514	84	81	108	13	115	28	943			

B.C. GOVERNMENT CONTACT

B.C. Government Contact

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