APPENDIX I

HOUSING NEEDS ASSESMENT REPORT – AREA F COWICHAN LAKE SOUTH/SKUTZ

FALLS TABLES AND FIGURES



COWICHAN VALLEY REGIONAL DISTRICT

	1
Housing Needs Table 1: Electoral area F projection of units needed 2020 and 2025	1 1
DEMOGRAPHIC PROFILE	1
Population Table 2: Population over time from 2006–2016 Figure 1: Five-year growth and ten-year population growth by jurisdiction from 2006–2016 Table 3: Share of CVRD population over time from 2006–2016	1 1 2
Age Table 4: Age distribution by jurisdiction in 2006 Table 5: Age distribution by jurisdiction in 2011 Table 6: Age distribution by jurisdiction in 2016 Figure 2: Average age by jurisdiction over time from 2011–2016	2 2 2 2 3
Household Size Table 7: Distribution of households by number of persons in 2006 Table 8: Distribution of households by number of persons in 2011 Table 9: Distribution of households by number of persons in 2016 Figure 3: Average household size by jurisdiction over time from 2006–2016	3 3 3 4
Tenure Table 10: Share of households renting between 2006 and 2016 Figure 4: Share of households renting from 2006–2016 Table 11: Renters in subsidized housing as share of total households from 2011–2016 Figure 5: Renters in subsidized housing as share of total households from 2011–2016	5 5 5 5 6
Transportation Table 12: Annual rides and trips by bus route in the CVRD in 2019	6 6
INCOME AND ECONOMY	7
Household Income Table 13: Share of households by annual income in 2006 Table 14: Share of households by annual income in 2011 Table 15: Share of households by annual income in 2016	7 7 7 7
Figure 6: Median annual household income from 2006–2016 Table 16: Median real annual household income (constant 2019 dollars) from 2006–2016 Figure 7: Median real annual household income (constant 2019 dollars) from 2006–2016 Table 17: Share of owner households by annual income in 2006	8 8 9
Table 18: Share of owner households by annual income in 2011Table 19: Share of owner households by annual income in 2016Figure 8: Median annual household income among owner households from 2006–2016Table 20: Share of renter households by annual income in 2006Table 21: Share of renter households by annual income in 2011Table 22: Share of renter households by annual income in 2016	9 9 10 10 10
Figure 9: Median annual household income among renter households from 2006–2016 Figure 10: Median income in 2016 by household tenure	10 11
Employment Table 23: Labour force (employed or unemployed but seeking employment) from 2006–20	11



Table 24: Participation rate (labour force as share of working-age population) from 2006–2016	11
Figure 11: Participation rate over time from 2006–2016	12
Table 25: Unemployment rate (share of labour force unemployed) from 2006–2016 Figure 12: Unemployment rate over time from 2006–2016	12 12
Industry	13
Table 26: Share of labour force by industry sector in 2006	13
Table 27: Share of labour force by industry sector in 2011	13
Table 28: Share of labour force by industry sector in 2016	13
HOUSING PROFILE	14
Dwelling Types	14
Table 29: Primary dwelling units by jurisdicti <mark>on ove</mark> r time from 200 <mark>6-2016</mark>	14
Figure 13: Five-year growth and ten-year housing supply growth by jurisdiction from 2006-	
2016 Table 30: Share of total housing units by type in 2006	14 14
Table 31: Share of total housing units by type in 2000	15
Table 32: Share of total housing units by type in 2016	15
Figure 14: Housing units by type over time in electoral area F from 2006–2016	15
Dwelling Age	16
Table 33: Share of dwellings by year of construction in 2016	16
Figure 15: Composition of housing stock by age of construction and jurisdiction in 2016	16
Bedroom Number	17
Table 34: Share of housing units by bedroom count in 2006	17
Table 35: Share of housing units by bedroom count in 2011	17
Table 36: Share of housing units by bedroom count in 2016	17
Figure 16: Composition of housing stock by room count and jurisdiction in 2016	17
Non-Market Housing	18
Table 37: Number of units under BC Housing Administration by Service Allocation Group 2020	in 18
Market Rental Housing	18
Table 38: Number of renter households in the CVRD and electoral area F from 2006–2010	-
Market Ownership Housing Table 39: Average value per dwelling unit by type in electoral area F from 2007–2019	18 18
Figure 17: Average value per dwelling other than purpose-built rental by type in electoral area in form 2007–2019	
F over time from 2007–2019	19
PROJECTIONS	20
Households Projection	20
Table 40: Projected households 2019–2025	20
Population Projection	20
Table 41: Projected population 2019–2025	20
Household Income Projection	20
Table 42: Estimated number of households by income bracket in 2019 and 2025 by scena	ario 20
Figure 18: Households in electoral area F by income bracket in 2019 and in 2025 by scen	



	21
Tenure Projection Table 43: Share of households renting in 2019 and in 2025 by scenario	22 22
HOUSING NEEDS	22
Projection of Housing Need by Number of Bedrooms Table 44: Housing need by number of bedrooms in electoral area F in 2019 and 2025	22 22
Market Rental Housing Table 45: Rental rates in the CVRD's electoral areas and Lake Cowichan in 2019 Figure 19: Rental rates in the CVRD's electoral areas and Lake Cowichan in 2019 Table 46: Estimated housing costs versus household income for renter households. Figure 20: Estimated housing costs versus household income for renter households in electoral area F.	22 22 23 23 23
Market Ownership Table 47: Estimated housing costs versus household income for owner households with mortgages. Figure 21: Estimated housing costs versus household income for owner households with mortgages in electory.	25 ith
mortgages in electoral area F. Historic and Current Housing Condition (Adequacy) Table 48: Share of household by tenure below adequacy standard (major repairs requires from 2006–2016 Figure 22: Share of household by tenure below adequacy standard (major repairs requires 2016	26
Historic and Current Overcrowding (Suitability) Table 49: Share of households by tenure below suitability standard (overcrowded) from 2016 Figure 23: Share of households by tenure below suitability standard (overcrowded) in 2	27
Historic and Current Affordability Table 50: Share of household by tenure below affordability standard from 2006–2016 Figure 24: Share of households by tenure below affordability standard in 2016	28 28 29
AFFORDABILITY OF NEW DEVELOPMENT	29
 Financial Analysis Results Table 51: The most affordable new units by type and jurisdiction in 2020 Table 52: Minimum household income required to purchase or rent a new home by unit in 2020 Table 53: The most affordable new units by type and jurisdiction in 2025 Table 54: Minimum household income required to purchase or rent a new home by unit in 2025 	29 30



SUMMARY

Housing Needs

Table 1: Electoral area F projection of units needed 2020 and 2025

	2019 2025		
0 bedrooms	0	0	
1 bedroom	457	700	
2 bedrooms	94	145	
3+ bedrooms	129	204	
TOTAL	681	1,050	

DEMOGRAPHIC PROFILE

Population

Table 2: Population over time from 2006–2016

	2006	2011	2016	2011–2016 growth	2006–2016 growth
British Columbia	4,054,605	4,324,455	4,560,240	5%	12%
CVRD	75,495	78,670	81,885	4%	8%
Electoral area F	1,735	1,570	1,605	2%	-7%

Figure 1: Five-year growth and ten-year population growth by jurisdiction from 2006–2016

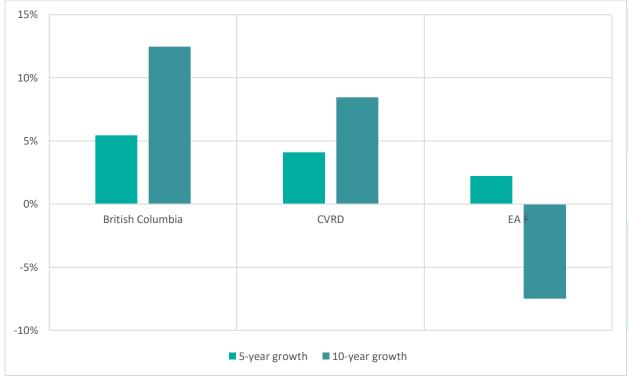




Table 3: Share of CVRD population over time from 2006–2016

	2006	2011	2016
Electoral area F	2%	2%	2%

Age

Table 4: Age distribution by jurisdiction in 2006

	0–4	15–19	20–24	25–64	65–84	85+	Average age
British Columbia	17%	7%	6%	56%	13%	1%	39.2
CVRD	17%	7%	5%	54%	16%	2%	41.4
Electoral area F	15%	8%	4 <mark>%</mark>	<mark>59%</mark>	14%	0%	42

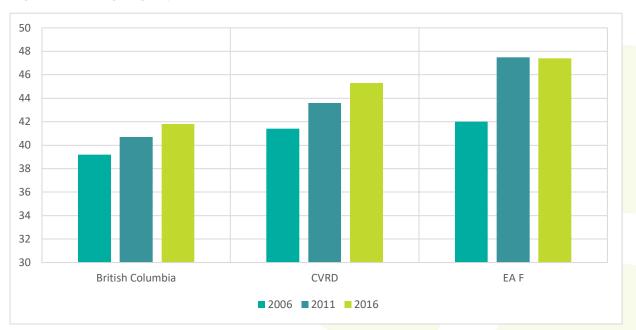
Table 5: Age distribution by jurisdiction in 2011

	0–14	15–19	20–24	25–64	65–84	85+	Average age
British Columbia	16%	6%	6%	57%	13%	2%	40.7
CVRD	15%	6%	5%	54%	17%	2%	43.6
Electoral area F	9%	6%	4%	61%	<mark>1</mark> 9%	0%	47.5

Table 6: Age distribution by jurisdiction in 2016

	0–14	15–19	20–24	25–64	65–84	85+	Average age
British Columbia	15%	6%	6%	56%	16%	2%	41.8
CVRD	15%	5%	4%	52%	21%	2%	45.3
Electoral area F	12%	5%	3%	58%	21%	1%	47.4







Household Size

Table 7: Distribution of households by number of persons in 2006

	1 person	2 persons	3 persons	4 persons	5+ persons	Average household size
British Columbia	28%	34%	15%	14%	9%	2.5
CVRD	25%	40%	14%	13%	8%	2.4
Electoral area F	30%	38%	9%	13%	9%	2.3

Table 8: Distribution of households by number of persons in 2011

	1 person	2 persons	3 persons	4 persons	5+ persons	Average household size
British Columbia	28%	35%	15%	14%	8%	2.5
CVRD	26%	41%	14%	12%	7%	2.4
Electoral area F	23%	54%	10%	8%	4%	2.2

Table 9: Distribution of households by number of persons in 2016

	1 person	2 persons	3 persons	4 persons	5+ persons	Average household size
British Columbia	29%	35%	15%	13%	8%	2.4
CVRD	27%	42%	13%	11%	6%	2.3
Electoral area F	27%	46%	13%	11%	3%	2.2



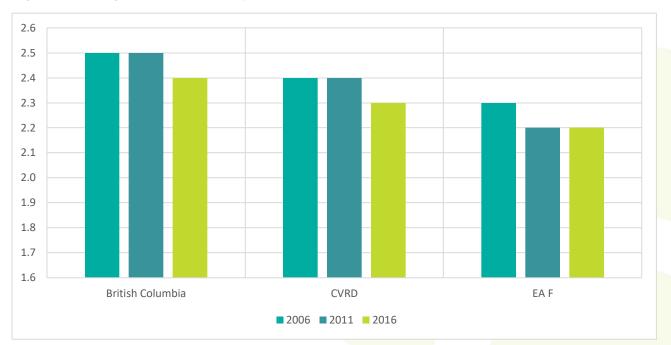


Figure 3: Average household size by jurisdiction over time from 2006–2016



Tenure

	2006	2011	2016
British Columbia	30%	30%	32%
CVRD	20%	19%	22%
Electoral area F	18%	13 <mark>%</mark>	23%

Table 10: Share of households renting between 2006 and 2016





Table 11: Renters in subsidized housing as share of total households from 2011–2016

	2011	2016
British Columbia	4%	4%
CVRD	3%	2%
Electoral area F	0%	2%



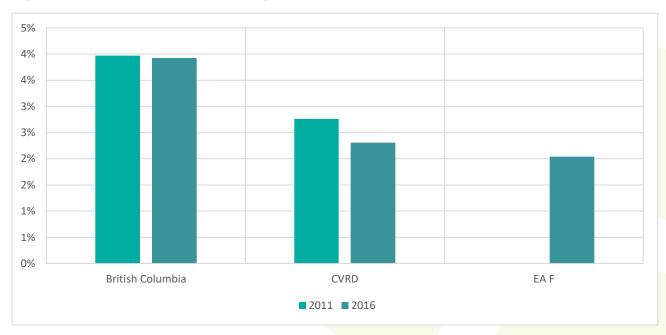


Figure 5: Renters in subsidized housing as share of total households from 2011–2016

Transportation

Table 12: Annual rides and trips by bus route in the CVRD in 2019ⁱⁱ. Bolded routes serve electoral area F.

electoral area F.		
Route Number and Name	Rides	Trips
Conventional Routes		
2: Mt. Prevost/Commons	72,081	9,774
3: Quamichan/Commons	24,370	4,996
4: Maple Bay	25,126	5,274
5: Eagle Heights	12,414	1,674
6: Chemainus/Crofton	38,048	4,584
7: Lake Cowichan	52,337	7,993
8: Mill Bay (Telegraph)	29,079	2,292
9: Mill Bay (Shawnigan Lake)	29,340	1,961
20: Youbou	3,641	2,305
21: Honeymoon Bay	567	2,026
31: Ladysmith/Alderwood	4,203	2,028
34: Ladysmith/Chemainus	7,099	1,352
36: Ladysmith/Duncan	7,007	2,189
Commuter Routes		
66: Duncan/Victoria	55,302	XX ⁱⁱⁱ
99: Shawnigan Lake/Victoria	22,386	XX ⁱⁱⁱ
44: Saturday (Duncan/Victoria)	3,922	XX ⁱⁱⁱ



INCOME AND ECONOMY

Household Income

Table 13: Share of households by annual income in 2006

		\$5,000 - \$9,999			\$20,000 - \$24,999				\$40,000 - \$44,999		\$50,000 - \$59,999			\$80,000 - \$89,999	\$90,000 - \$99,000			\$150,000 - \$199,999	\$200,000+	Median household income
British Columbia	3%	2%	3%	5%	5%	4%	5%	5%	5%	4%	8%	7%	7%	6%	5%	10%	6%	6%	4%	\$62,372
CVRD	2%	2%	3%	5%	5%	5%	5%	5%	5%	4%	9%	8%	8%	7%	6%	9%	6%	5%	3%	\$60,430
Electoral area F	2%	2%	7%	3%	5%	3%	5%	2%	3%	7%	8%	6%	16%	7%	7%	7%	3%	4%	0%	\$60,647

Table 14: Share of households by annual income in 2011

		\$5,000 - \$9,999		\$15,000 - \$19,999		\$25,000 - \$29,999			\$40,000 - \$44,999		\$50,000 - \$59,999			\$80,000 - \$89,999			\$125,000 - \$149,000	\$150,000 - \$199,999	\$200,000+	Median household income
British Columbia	3%	2%	3%	5%	4%	4%	4%	4%	4%	4%	8%	7%	6%	6%	5%	10%	7%	7%	5%	\$65,555
CVRD	2%	2%	3%	4%	6%	4%	6%	5%	5%	4%	8%	7%	7%	7%	6%	10%	6%	5%	3%	\$61,347
Electoral area F	4%	0%	4%	8%	0%	3%	7%	8%	3%	4%	12%	10%	6%	18%	0%	2%	7%	6%	0%	\$58,592

Table 15: Share of households by annual income in 2016

		\$5,000 - \$9,999	\$10,000 - \$14,999	\$15,000 - \$19,999		\$25,000 - \$29,999		\$35,000 - \$39,999			\$50,000 - \$59,999			\$80,000 - \$89,999			\$125,000 - \$149,000	\$150,000 - \$199,999	\$200,000+	Median household income
British Columbia	2%	1%	3%	4%	4%	4%	4%	4%	4%	4%	8%	7%	7%	6%	5%	11%	7%	8%	6%	\$69,979
CVRD	1%	1%	3%	4%	5%	4%	5%	5%	5%	4%	8%	8%	7%	7%	5%	11%	7%	7%	4%	\$65,078
Electoral area F	0%	1%	3%	5%	6%	6%	6%	4%	8%	2%	10%	3%	8%	8%	5%	8%	7%	4%	4%	\$56,804

7







Figure 6: Median annual household income from 2006–2016

Table 16: Median real annual household income (constant 2019 dollars)^{iv} from 2006–2016

	2006	2011	2016
Electoral area F	\$75,382	\$8 <mark>4,097</mark>	\$75,383



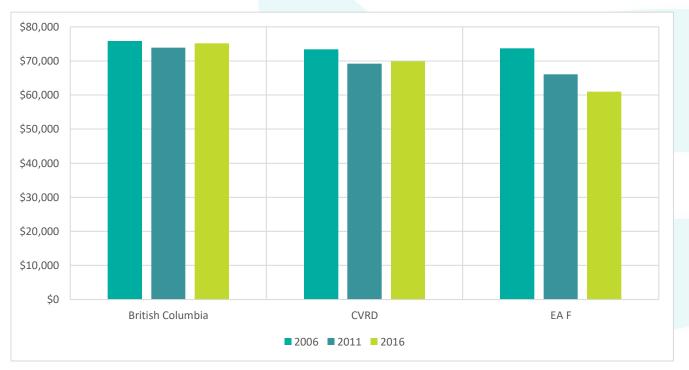




Table 17: Share of owner households by annual income in 2006

	\$0 - \$4,999	\$5,000 - \$9,999	\$10,000 - \$14,999	\$15,000 - \$19,999			\$30,000 - \$34,999		\$40,000 - \$44,999	\$45,000 - \$49,999		\$60,000 - \$69,999	\$70,000 - \$79,999	\$80,000 - \$89,999	\$90,000 - \$99,000		\$125,000 - \$149,000	\$150,000 - \$199,999	\$200,000+	Median household income
British Columbia	2%	1%	2%	3%	3%	3%	4%	4%	4%	4%	8%	8%	7%	7%	6%	12%	8%	8%	6%	\$75,243
CVRD	2%	1%	2%	3%	4%	5%	4%	4%	5%	4%	9%	8%	9%	8%	6%	11%	7%	6%	3%	\$68,945
Electoral area F	2%	2%	6%	2%	6%	2%	5%	0%	3%	<mark>7</mark> %	7%	7%	18%	8%	8%	9%	3%	5%	0%	\$71,160

Table 18: Share of owner households by annual income in 2011

	\$0 - \$4,999	\$5,000 - \$9,999	\$10,000 - \$14,999	\$15,000 - \$19,999	\$20,000 - \$24,999	\$25,000 - \$29,999	\$30,000 - \$34,999	\$35,000 - \$39,999	\$40,000 - \$44,999	\$45,000 - \$49,999	\$50,000 - \$59,999	\$60,000 - \$69,999	\$70,000 - \$79,999	\$80,000 - \$89,999	\$90,000 - \$99,000		\$125,000 - \$149,000	\$150,000 - \$199,999	\$200,000+	Median household income
British Columbia	2%	1%	2%	3%	3%	3%	4%	4%	4%	4%	7%	7%	7%	7%	6%	12%	8%	9%	7%	\$78,302
CVRD	2%	1%	2%	3%	4%	3%	5%	4%	5%	4%	8%	7%	8%	8%	6%	12%	8%	6%	4%	\$71,401
Electoral area F	6%	0%	5%	0%	0%	2%	6%	2%	4%	5%	14%	13%	8%	20%	0%	2%	8%	7%	0%	\$63,933

Table 19: Share of owner households by annual income in 2016

	\$0 - \$4,999	\$5,000 - \$9,999	\$10,000 - \$14,999	\$15,000 - \$19,999	\$20,000 - \$24,999	\$25,000 - \$29,999	\$30,000 - \$34,999		\$40,000 - \$44,999	\$45,000 - \$49,999		\$60,000 - \$69,999	\$70,000 - \$79,999	\$80,000 - \$89,999			\$125,000 - \$149,000	\$150,000 - \$199,999	\$200,000+	Median household income
British Columbia	1%	1%	1%	2%	3%	3%	3%	4%	4%	4%	7%	7%	7%	6%	6%	12%	9%	10%	9%	\$84,333
CVRD	1%	1%	1%	3%	3%	3%	4%	4%	5%	4%	8%	8%	7%	7%	6%	13%	8%	8%	5%	\$75,408
Electoral area F	2%	2%	4%	0%	3%	4%	6%	4%	8%	3%	11%	5%	8%	10%	4%	11%	7%	5%	4%	\$72,157

9

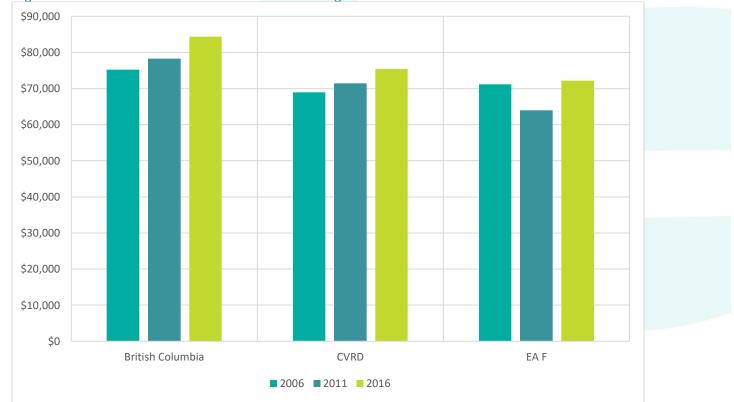


Figure 8: Median annual household income among owner households from 2006–2016



Table 20: Share of renter households by annual income in 2006

	\$0 - \$4,999	\$5,000 - \$9,999	\$10,000 - \$14,999		\$20,000 - \$24,999	\$25,000 - \$29,999		\$35,000 - \$39,999	\$40,000 - \$44,999			\$60,000 - \$69,999	\$70,000 - \$79,999	\$80,000 - \$89,999	\$90,000 - \$99,000	\$100,000 - \$124,999		\$150,000 - \$199,999	\$200,000+	Median household income
British Columbia	5%	4%	7%	9%	8%	6%	6%	6%	6%	5%	9%	7%	6%	4%	3%	5%	2%	2%	1%	\$39,548
CVRD	3%	4%	9%	12%	10%	7%	8%	6%	5%	5%	8%	6%	5%	3%	2%	3%	1%	1%	0%	\$32,407
Electoral area F	0%	0%	24%	0%	10%	14%	10%	10%	10%	0%	14%	10%	0%	0%	0%	0%	0%	0%	0%	\$34,842

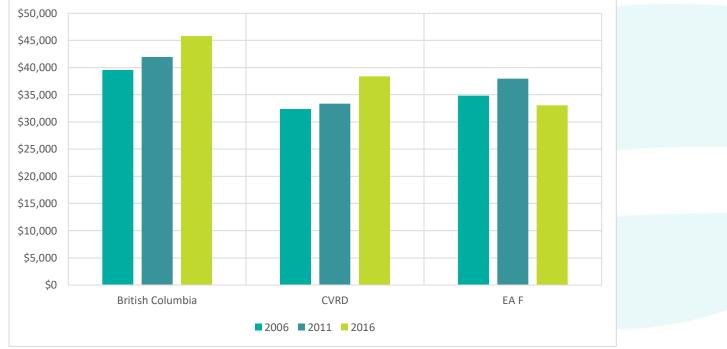
Table 21: Share of renter households by annual income in 2011

	\$0 - \$4,999	\$5,000 - \$9,999	\$10,000 - \$14,999		\$20,000 - \$24,999	\$25,000 - \$29,999	\$30,000 - \$34,999		\$40,000 - \$44,999		\$50,000 - \$59,999	\$60,000 - \$69,999	\$70,000 - \$79,999	\$80,000 - \$89,999	\$90,000 - \$99,000	\$100,000 - \$124,999		\$150,000 - \$199,999	\$200,000+	Median household income
British Columbia	6%	3%	6%	8%	7%	6%	6%	6%	5%	5%	8%	7%	6%	5%	3%	6%	3%	3%	2%	\$41,975
CVRD	5%	4%	9%	8%	11%	7%	10%	8%	6%	4%	8%	4%	4%	3%	3%	3%	1%	1%	0%	\$33,373
Electoral area F	0%	0%	0%	0%	0%	0%	<mark>100%</mark>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	\$37,995

Table 22: Share of renter households by annual income in 2016

	\$0 - \$4,999	\$5,000 - \$9,999	\$10,000 - \$14,999	\$15,000 - \$19,999	\$20,000 - \$24,999	\$25,000 - \$29,999	\$30,000 - \$34,999	\$35,000 - \$39,999	\$40,000 - \$44,999	\$45,000 - \$49,999	\$50,000 - \$59,999	\$60,000 - \$69,999	\$70,000 - \$79,999	\$80,000 - \$89,999	\$90,000 - \$99,000	\$100,000 - \$124,999		\$150,000 - \$199,999	\$200,000+	Median household income
British Columbia	4%	3%	6%	8%	7%	6%	6%	5%	5%	5%	9%	7%	6%	5%	4%	7%	4%	3%	2%	\$45,848
CVRD	2%	3%	7%	10%	10%	7%	6%	6%	6%	5%	8%	7%	6%	4%	3%	4%	2%	1%	1%	\$38,406
Electoral area F	0%	0%	0%	17%	17%	8%	8%	6%	8%	6%	6%	0%	8%	6%	0%	0%	6%	0%	6%	\$33,048







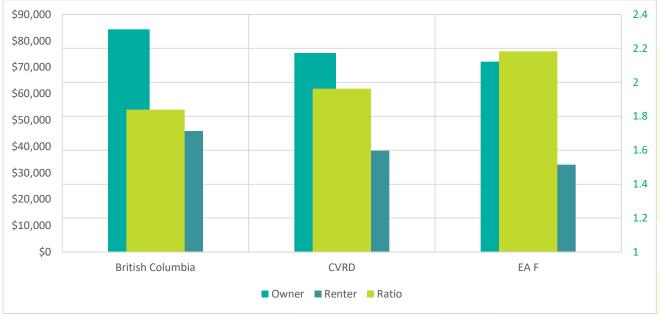


Figure 10: Median income in 2016 by household tenure

Employment

 Table 23: Labour force (employed or unemployed but seeking employment) from 2006–2016

	2006	2011	2016
British Columbia	2,217,080	2,354,245	2,471,665
CVRD	37,690	39,025	39,945
Electoral area F	860	935	765

Table 24: Participation rate (labour for	rce as share of working-age	population) trom 2006–2016
	loo do ondro or morning ago	

	2006	2011	2016
British Columbia	65.7%	64.6%	63.9%
CVRD	60.2%	58.7%	57.4%
Electoral area F	57.7%	65.2%	54.1%



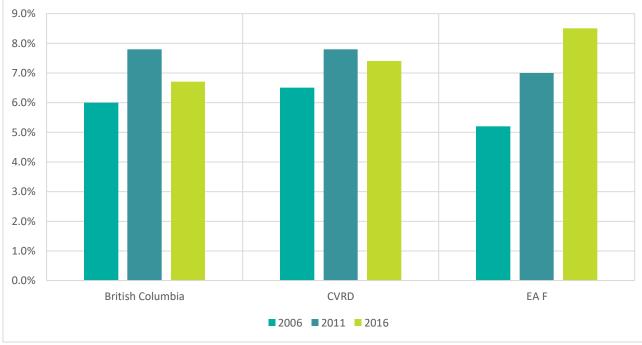


Figure 11: Participation rate over time from 2006–2016

Table 25: Unemployment rate (share of labour force unemployed) from 2006–2016

	2006	2011	2016
British Columbia	6.0%	7.8%	6.7%
CVRD	6.5%	7.8%	7.4%
Electoral area F	5.2%	7.0%	8.5%







Industry

Table 26: Share of labour force by industry sector in 2006

	Agriculture, forestry, fishing & hunting	Mining, quarrying, oil & gas	Utilities	Construction	Manufacturing	Wholesale trade	Retail trade	Transportation & warehouse	& cultural	Finance & insurance	Real estate, rental & leasing	Professional, scientific & technical services	Management	Administrative, support, waste management & remediation services	Educational services	Health care & social assistance	Arts, entertainment and recreation	Accommodation & food services	Other services	Public administration	NA
British Columbia	3%	1%	1%	7%	9%	4%	11%	5%	3%	4%	2%	7%	0%	4%	7%	10%	2%	8%	5%	5%	1%
CVRD	6%	0%	0%	9%	9%	2%	13%	3%	1%	3%	2%	4%	0%	4%	7%	11%	2%	8%	5%	7%	2%
Electoral area F	9%	0%	0%	15%	7%	1%	13%	4%	0%	2%	0%	8%	0%	8%	2%	12%	4%	3%	5%	6%	1%

Table 27: Share of labour force by industry sector in 2011

	Agriculture, forestry, fishing & hunting	Mining, quarrying, oil & gas	Utilities	Construction	Manufacturing	Wholesale trade	Retail trade	Transportation & warehouse	Information & cultural services	Finance & insurance	Real estate, rental & leasing	Professional, scientific & technical services	Management	Administrative, support, waste management & remediation services	Educational services	Health care & social assistance	Arts, entertainment and recreation	Accommodation & food services		Public administration	NA
British	3%	1%	1%	8%	6%	4%	11%	5%	3%	4%	2%	8%	0%	4%	7%	11%	2%	8%	5%	6%	2%
CVRD	5%	1%	0%	10%	7%	2%	13%	4%	1%	3%	2%	5%	0%	4%	7%	12%	2%	7%	5%	8%	2%
Electoral		.,.	• / •					.,.	.,.	- / -		- , -		.,,	.,.	,.	_ / *	.,.			_/*
area F	11%	0%	0%	13%	6%	<mark>2</mark> %	24 <mark>%</mark>	6%	0%	0%	0%	9%	0%	4%	5%	6%	0%	3%	7%	3%	0%

Table 28: Share of labour force by industry sector in 2016

	Agriculture, forestry, fishing & hunting	Mining, quarrying, oil & gas	Utilities	Construction	Manufacturing	Wholesale trade	Retail trade	Transportation & warehouse	Information & cultural services	Finance & insurance	Real estate, rental & leasing	Professional, scientific & technical services	Management	Administrative, support, waste management & remediation services	Educational services	Health care & social assistance	Arts, entertainment and recreation	Accommodation & food services	Other services	Public administration	NA
British																					
Columbia	3%	1%	1%	8%	6%	3%	11%	5%	3%	4%	2%	8%	0%	4%	7%	11%	2%	8%	5%	5%	2%
CVRD	5%	1%	0%	10%	7%	2%	13%	4%	1%	3%	2%	6%	0%	5%	7%	12%	2%	7%	5%	7%	2%
Electoral area F	8%	0%	1%	10%	11%	3%	9%	3%	1%	4%	0%	7%	0%	3%	4%	7%	3%	6%	9%	7%	2%

13





HOUSING PROFILE

Dwelling Types

Table 29: Primary dwelling units by jurisdiction over time from 2006-2016

	2006	2011	2016	2011–2016 growth	2006–2016 growth
British Columbia	1,643,150	1,764,635	1,881,965	7%	15%
CVRD	31,260	33,165	35,275	6%	13%
Electoral area F	740	725	735	1%	-1%



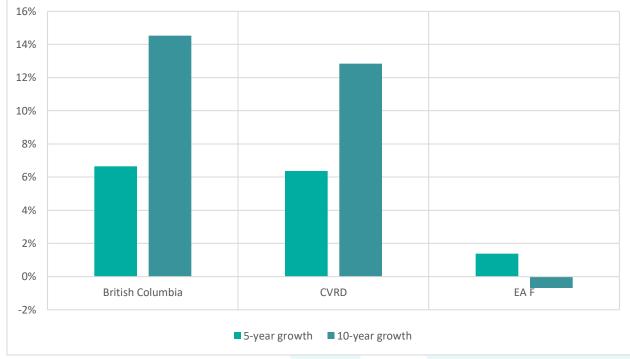


Table 30: Share of total housing units by type in 2006

	Single- detached	Semi- detached	Other single attached	Row house	Apartment in duplex	Apartment (1–4 storeys)	Apartment (5+ storeys)	Movable dwelling
British Columbia	49%	3%	0%	7%	10%	21%	7%	3%
CVRD	74%	4%	0%	4%	3%	10%	0%	4%
Electoral area F	95%	0%	1%	0%	3%	0%	0%	1%



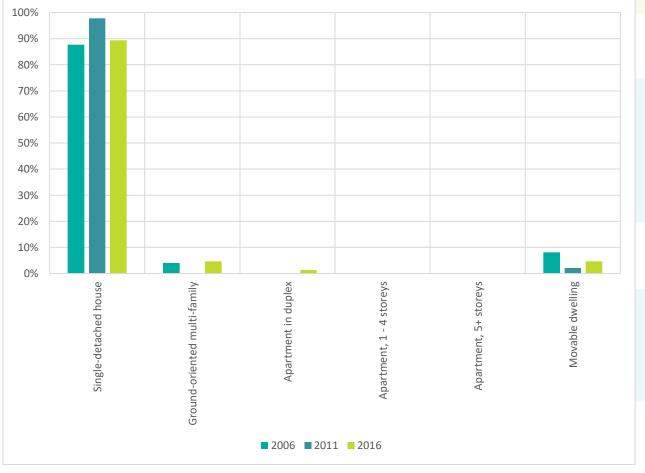
	Single- detached	Semi- detached	Other single attached	Row house	Apartment in duplex	Apartment (1–4 storeys)	Apartment (5+ storeys)	Movable dwelling
British Columbia	48%	3%	0%	8%	10%	20%	8%	3%
CVRD Electoral area F	76% 88%	4% 4%	0% 0%	5% 0%	2% 0%	9% 0%	0% 0%	4% 8%

Table 31: Share of total housing units by type in 2011

Table 32: Share of total housing units by type in 2016

	Single- detached	Semi- detached	Other single attached	Row house	Apartment in duplex	Apartment (1–4 storeys)	Apartment (5+ storeys)	Movable dwelling
British	4.40/	20/	00/	00/	400/	00%	00/	20/
Columbia	44%	3%	0% <mark></mark>	8%	12%	20%	9%	3%
CVRD	73%	4%	0%	5%	3%	9%	0%	5%
Electoral area F	98%	0%	0%	0%	0%	0%	0%	2%

Figure 14: Housing units by type over time in electoral area F^{vi} from 2006–2016





Dwelling Age

 Table 33: Share of dwellings by year of construction in 2016

	1960 or earlier	1961– 1980	1981– 1990	1991– 2000	2001– 2005	2006– 2010	2011– 2016
British Columbia	14%	30%	15%	18%	7%	9%	7%
CVRD	17%	28%	14%	2 <mark>0%</mark>	6%	9%	5%
Electoral area F	26%	32%	14%	15 <mark>%</mark>	3%	7%	3%

Figure 15: Composition of housing stock by age of construction and jurisdiction in 2016





Bedroom Number

	No bedrooms	1 bedroom	2 bedrooms	3 bedrooms	4 bedrooms
British Columbia	4%	16%	26%	<mark>29</mark> %	25%
CVRD	1%	9%	28%	<mark>39%</mark>	23%
Electoral area F	0%	9%	27%	<mark>43%</mark>	22%

Table 34: Share of housing units by bedroom count in 2006

Table 35: Share of housing units by bedroom count in 2011

	No bedrooms	1 bedroom	2 bedrooms	3 bedrooms	4 bedrooms
British Columbia	2%	16%	27%	28%	27%
CVRD	0%	8%	26%	40%	26%
Electoral area F	0%	5% <mark></mark>	<mark>28%</mark>	4 <mark>3%</mark>	23%

Table 36: Share of housing units by bedroom count in 2016

	No bedrooms	1 bedroom	2 bedrooms	3 bedrooms	4 bedrooms
British Columbia	1%	17%	27%	27%	28%
CVRD	0%	9%	26%	38 <mark>%</mark>	26%
Electoral area F	0%	15%	22%	45 <mark>%</mark>	18%

Figure 16: Composition of housing stock by room count and jurisdiction in 2016





Non-Market Housing

Table 37: Number of units under BC Housing Administration by Service Allocation Group in 2020

		Electoral area F	CVRD
Emergency shelter &	Homeless housed	0	24
housing for the	Homeless rent supplements	0	55
homeless	Homeless shelters	0	15
	SUBTOTAL	0	94
Transitional	Frail seniors	0	118
supported & assisted	Special needs	0	47
living	Women and children fleeing	0	10
	violence		
	SUBTOTAL	0	175
Independent social	Low income families	0	136
housing	Low income seniors	0	273
	SUBTOTAL	0	409
Rent assistance in	Rent assistance for families	XX ^{vii}	188
private market	Rent assistance for seniors	XX ^{viii}	466
	SUBTOTAL	5	654
TOTAL		5	1,332

Market Rental Housing

Table 38: Number of renter households in the CVRD and electoral area F from 2006–2016					
	2006	2011	2016		
CVRD	6,210	6,290	7,805		
Electoral area F	130	95	170		

Market Ownership Housing

Table 39: Average value per dwelling unit by type in electoral area F from 2007–2019

Year	Single-detached	Duplex	Manufactured homes
2007	\$303,959	\$162,320	\$153,146
2008	\$363,693	\$189,150	\$217,374
2009	\$358,880	\$187,640	\$214,760
2010	\$344,061	\$173,513	\$202,861
2011	\$347,674	\$173,288	\$213,928
2012	\$343,362	\$173,038	\$209,357
2013	\$338,039	\$101,586	\$200,369
2014	\$342,264	\$102,150	\$204,790
2015	\$341,578	\$102,229	\$208,014
2016	\$344,095	\$103,321	\$195,132
2017	\$378,575	\$105,764	\$211,493
2018	\$446,687	\$129,086	\$246,279
2019	\$496,923	\$140,500	\$277,577



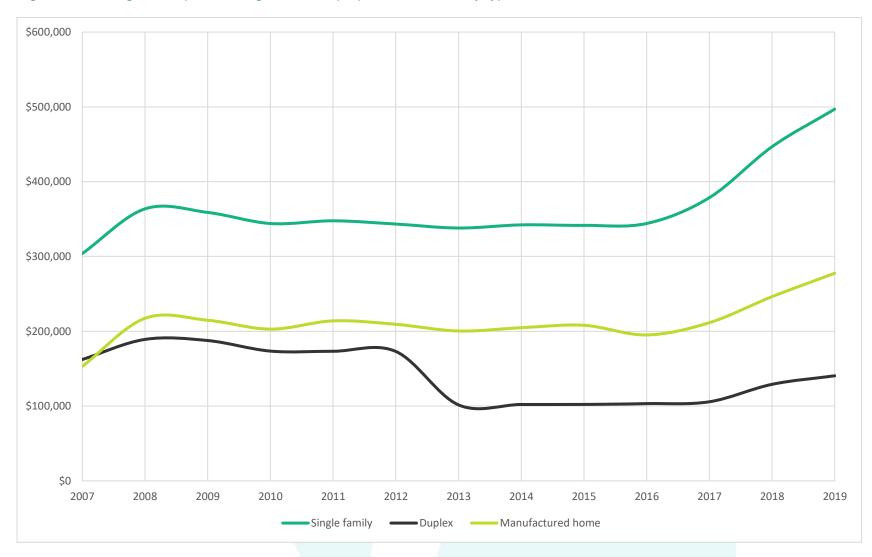


Figure 17: Average value per dwelling other than purpose-built rental by type in electoral area F over time from 2007–2019

19

PROJECTIONS

Households Projection

Table 40: Projected households 2019–2025

	2019 (estimate)	2025 (projection)	2019–2025 growth
Cowichan Valley	34,744	39,967	15%
Electoral area F	681	1,05 <mark>0</mark>	54%

Population Projection

Table 41: Projected population 2019–2025

	2019 (estimate)	2025 (projection)	2019–2025 growth
Cowichan Valley	80,404	93,071	16%
Electoral area F	1,607	2,498	55%

Household Income Projection

Table 42: Estimated number of households by income bracket in 2019 and 2025 by scenario

Income bracket	2019	2025 (rapid recovery scenario)	2025 (slow recovery scenario)
Under \$20,000	44	6	11
\$20,000 - \$39,999	135	158	186
\$40,000 - \$59,999	116	174	161
\$60,000 - \$79,999	101	191	181
\$80,000 - \$99,999	84	139	152
\$100,000 - \$124,999	72	116	120
\$125,000 - \$149,999	48	92	92
\$150,000 - \$199,999	45	79	66
\$200,000 - \$299,999	28	63	58
\$300,000 or more	8	32	23
TOTAL	681	1,050	1,050



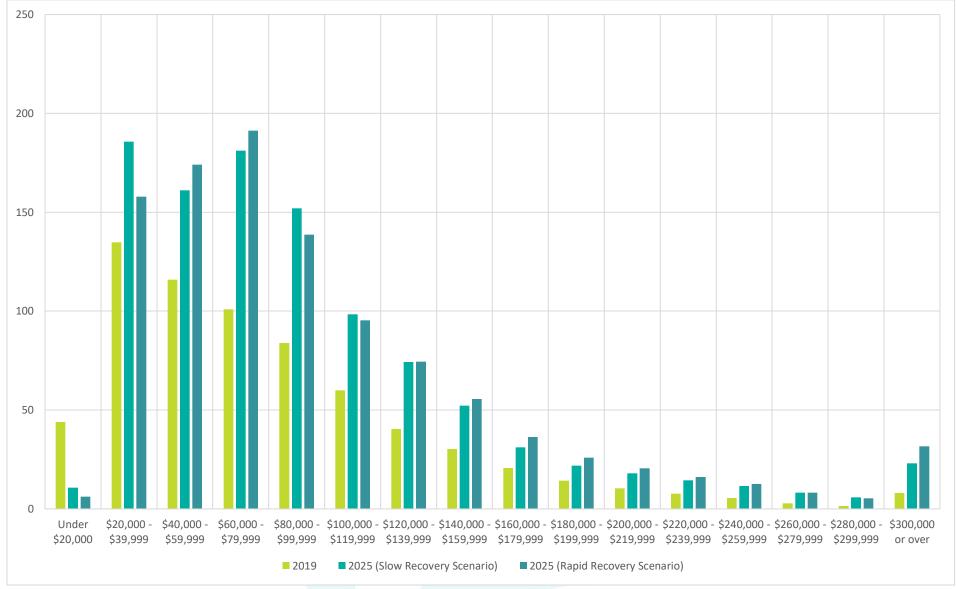


Figure 18: Households in electoral area F by income bracket in 2019 and in 2025 by scenario

21

Tenure Projection

Table 43: Share of households renting in 2019 and in 2025 by scenarioix

	2019	2025 (rapid recovery scenario)	2025 (slow recovery scenario)
CVRD	24%	23%	25%
Electoral area F	21%	20 <mark>%</mark>	20%

HOUSING NEEDS

Projection of Housing Need by Number of Bedrooms

T 11 44 11 1 1			
Table 44: Housing need b	v number of bedrooms	in electoral area F	in 2019 and 2025
	,		

	2019	2025
1 bedroom	457	700
2 bedrooms	94	145
3+ bedrooms	129	204
TOTAL	681	1,050

Market Rental Housing

Table 45: Rental rates in the CVRD's electoral areas and Lake Cowichan in 2019

Share of rental units below this rate	Housing costs
10%	1,063
20%	1,090
30%	1,136
40%	1,198
50%	1,278
60%	1,376
70%	1,491
80%	1,624
90%	1,774



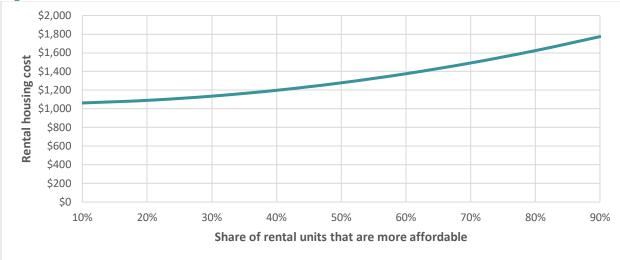


Figure 19: Rental rates in the CVRD's electoral areas and Lake Cowichan in 2019

Table 46: Estimated housing costs versus household income for renter households.

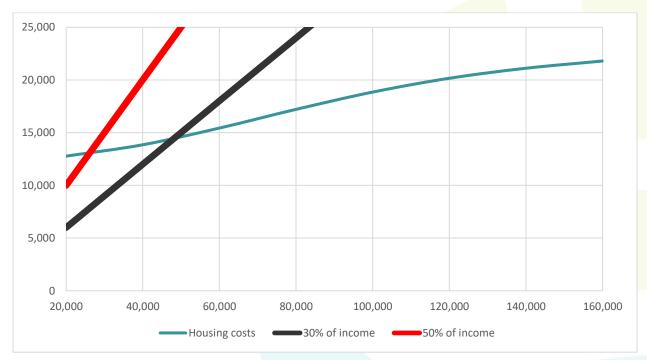
Red items indicate that housing costs for this group in this jurisdiction exceed the 30% affordability threshold. Bold items indicate that costs exceed the 50% threshold.

Household income	30% of income	50% of income	Estimated housing costs
\$20,000	\$6,000	\$10,000	\$12,775
\$40,000	\$12,000	\$20,000	\$13,855
\$60,000	\$18,000	\$30,000	\$15,441
\$80,000	\$24,000	\$40,000	\$17,214
\$100,000	\$30,000	\$50,000	\$18,853
\$120,000	\$36,000	\$60,000	\$20,166
\$140,000	\$42,000	\$70,000	\$21,117
\$160,000	\$48,000	\$80,000	\$21,803
\$180,000	\$54,000	\$90,000	\$22,267
\$200,000	\$60,000	\$100,000	\$22,571
\$220,000	\$66,000	\$110,000	\$22,779
\$240,000	\$72,000	\$120,000	\$22,924
\$260,000	\$78,000	\$130,000	\$23,025
\$280,000	\$84,000	\$140,000	\$23,079
\$300,000	\$90,000	\$150,000	\$23,109



Figure 20: Estimated housing costs versus household income for renter households in electoral area *F*.

Lines on this graph indicate the estimation of how housing costs increase with increasing income for owner households in each jurisdiction. The 30% affordability threshold is shown in bold black and the 50% threshold in bold red.





Market Ownership

Table 47: Estimated housing costs versus household income for owner households with mortgages.

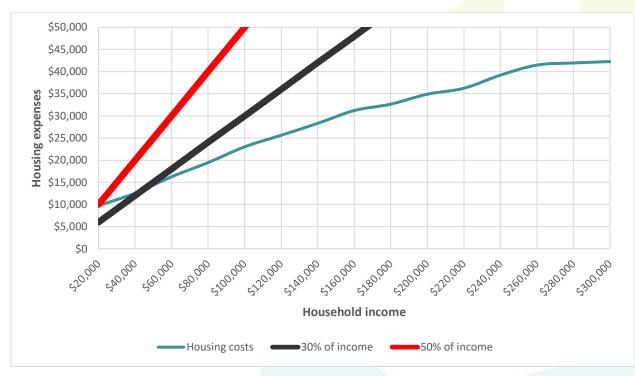
Red items indicate that housing costs for this group in this jurisdiction exceed the 30% affordability threshold.

Household income	30% of income	50% of income	Estimated housing costs
\$20,000	\$6,000	\$1 <mark>0,000</mark>	\$9,723
\$40,000	\$12,000	\$20,0 <mark>00</mark>	\$12,539
\$60,000	\$18,000	\$30,000	\$16,258
\$80,000	\$24,000	\$40,000	\$19,465
\$100,000	\$30,000	\$50,000	\$23,012
\$120,000	\$36,000	<mark>\$60,000</mark>	\$25,630
\$140,000	\$42,000	\$70,000	\$28,316
\$160,000	\$48,000	\$80,000	\$31,209
\$180,000	\$54,000	\$90,000	\$32,656
\$200,000	\$60,000	\$100,000	\$34,894
\$220,000	\$66,000	\$110,000	\$36,237
\$240,000	\$72,000	\$120,000	\$39,199
\$260,000	\$78,000	\$130,000	\$41,472
\$280,000	\$84,000	<mark>\$140,000</mark>	\$41,955
\$300,000	\$90,000	\$150, <mark>00</mark> 0	\$42,265



Figure 21: Estimated housing costs versus household income for owner households with mortgages in electoral area F.

Lines on this graph indicate the estimation of how housing costs increase with increasing income for owner households in each jurisdiction. The 30% affordability threshold is shown in bold black and the 50% threshold in bold red.



Historic and Current Housing Condition (Adequacy)

Table 48: Share of household by tenure	below adequacy	standard ((major repairs required) from
2006–2016			

	Owners			Renters			All households		
	2006	2011	2016	2006	2011	2016	2006	2011	2016
British Columbia	6%	6%	5%	8%	8%	7%	6%	6%	6%
CVRD	6%	5%	5%	12%	9%	9%	7%	6%	6%
Electoral area F	6%	6%	7%	31%	0%	0%	%	4%	7%



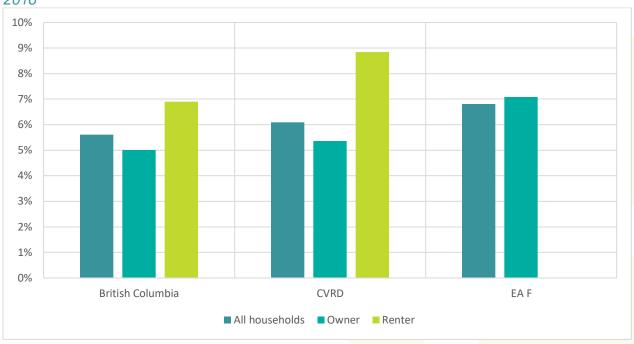


Figure 22: Share of household by tenure below adequacy standard (major repairs required) in 2016

Historic and Current Overcrowding (Suitability)

Table 49: Share of households by tenure below suitability standard (overcrowded) from 2006–2016

	Owners		Renters			All households			
	2006	2011	2016	2006	2011	2016	2006	2011	2016
British Columbia	4%	4%	3%	12%	11%	9%	7%	6%	5%
CVRD	2%	2%	1%	8%	7%	6%	3%	3%	2%
Electoral area F	3%	0%	2%	0%	0%	6%	3%	0%	3%



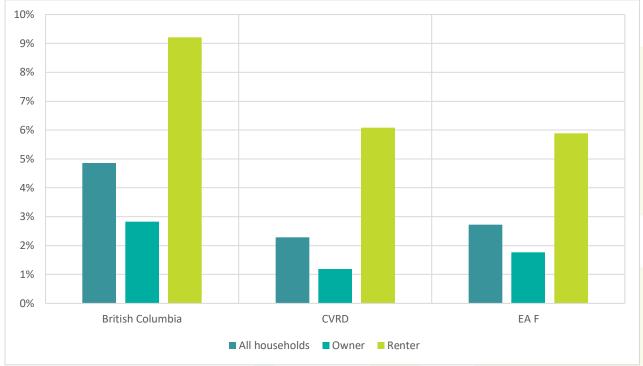


Figure 23: Share of households by tenure below suitability standard (overcrowded) in 2016

Historic and Current Affordability

Table 50: Share of household by tenure below affordability standard^x from 2006–2016

	Owners		Renters			All households			
	2006	2011	2016	2006	2011	2016	2006	2011	2016
British Columbia	18%	19%	17%	34%	35%	35%	23%	23%	22%
CVRD	15%	16%	14%	38%	42%	38%	19%	20%	19%
Electoral area F	15%	23%	19%	42%	26%	44%	20%	23%	15%



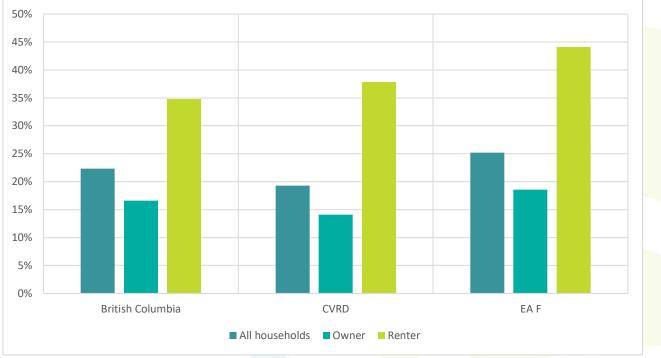


Figure 24: Share of households by tenure below affordability standard in 2016^{xi}

AFFORDABILITY OF NEW DEVELOPMENT

Financial Analysis Results

Table 51: The most affordable new units by type and jurisdiction in 2020

	Sale price	Monthly rental rate
Single-detached	\$651,000	-
Townhouse	\$449,000	\$1,670
Apartment	\$320,000	\$1,180

Table 52: Minimum household income required to	purchase or	rent a ne	w home by unit type in
2020			

	Minimum household income	Share of households
Single-detached for purchase	\$119,000	36%
Townhouse for purchase	\$85,000	56%
Apartment for purchase	\$63,000	69%
Townhouse for rent	\$76,000	61%
Apartment for rent	\$57,000	73%



Table 52: The me	ost affordable new	unite by type	and jurisdiction	in 2025
	JSI alloluable new	units by type		III 2023

	Sale price	Monthly rental rate	
Single-detached	\$747,000	-	
Townhouse	\$525,000	\$2,035	
Apartment	\$363,000	\$1,400	

Table 54: Minimum household income required to purchas	e or rent a new hon	ne by unit t <mark>ype in</mark>
2025		

	Minimum household income	Share of households	
		Rapid recovery	Slow recovery
Single-detached for purchase	\$135,000	36%	33%
Townhouse for purchase	\$98,000	55%	53%
Apartment for purchase	\$71,000	73%	70%
Townhouse for rent	\$91,000	60%	57%
Apartment for rent	\$66,000	76%	73%

i In all cases the remaining share of households consists of homeowners, with the exception of band housing, which makes up 0.2%–0.3% of British Columbia and 0.6%–0.9% of the CVRD. These households fall outside of the thirteen jurisdictions, so

iii This data is not available.

https://www2.gov.bc.ca/gov/content/data/statistics/economy/consumer-price-index on 2020/05/25

v Source for inflation data: Consumer Price Index. Retrieved from

x If housing expenses cost more than 30% of a household's income, that household falls below the affordability standard. xi If housing expenses cost more than 30% of a household's income, that household falls below the affordability standard.



owner and renter households make up the entirety of their household populations.

ii Source for passengers and trips from BC Transit's Automatic Passenger Counters, 2019.

iv Source for inflation data: Consumer Price Index. Retrieved from

https://www2.gov.bc.ca/gov/content/data/statistics/economy/consumer-price-index on 2020/05/25

vi Note that the category "ground-oriented multi-family" includes the Census categories of semi-detached, other single attached and row house.

vii BC Housing suppresses data for subgroups of service allocation groups if one of the subgroups has five or fewer units for the jurisdiction.

viii BC Housing suppresses data for subgroups of service allocation groups if one of the subgroups has five or fewer units for the jurisdiction.

ix In all cases the remaining share of households consists of homeowners, with the exception of band housing, which makes up 0.2%–0.3% of British Columbia and 0.6%–0.9% of the CVRD. These households fall outside of the 13 jurisdictions, so owner and renter households make up the entirety of their household populations.